



Environment

Submitted for:
Resolute FP US, Inc.
Catawba, SC

Submitted by:
AECOM
Greenville, SC

Resolute FP US, Inc.
Catawba, SC
SO₂ Data Requirements Rule Modeling Report

Contents

- 1.0 Project Description 1-3**
 - 1.1 Purpose 1-3
 - 1.2 Facility Description..... 1-3
 - 1.3 Location..... 1-3

- 2.0 Model Selection..... 2-1**

- 3.0 Modeling Domain 3-1**
 - 3.1 Determination of Sources to Include 3-1
 - 3.1.1 Primary Source 3-1
 - 3.1.2 Nearby Sources 3-1
 - 3.2 Receptor Grid..... 3-2

- 4.0 Emission Rates and Source Characterization 4-1**
 - 4.1 Source Data 4-1
 - 4.2 Urban vs. Rural Determination 4-2

- 5.0 Meteorological Data..... 5-1**
 - 5.1 Overview 5-1
 - 5.2 Proximity..... 5-1
 - 5.3 Representativeness of Winds 5-3
 - 5.4 Representativeness of Land Use 5-4

- 6.0 Background Monitoring Data..... 6-1**
 - 6.1 Overview 6-1
 - 6.2 Proximity..... 6-1
 - 6.3 Data Quality 6-3
 - 6.4 Nearby Source Influence 6-3

- 7.0 Model Results..... 7-1**

- 8.0 References..... 8-1**

List of Tables

Table 3-1	Offsite Sources Meeting the 20D Screening Criteria	3-2
Table 4-1	Catawba Mill Modeled Point Sources	4-2
Table 4-2	Catawba Mill Modeled Area Sources	4-2
Table 4-3	Land Use Percentage Within 3 km of Resolute	4-3
Table 5-1	Land use comparison for Catawba Mill and Two Nearby Airports	5-5
Table 6-1	1-hour SO ₂ Design Concentrations	6-1
Table 7-1	1-hour SO ₂ Model Results	7-1

List of Figures

Figure 1-1	Location of Resolute FP Catawba Mill	1-4
Figure 3-1	Screened SO ₂ Sources for Offsite Inventory.....	3-4
Figure 3-2	All SO ₂ Sources for Offsite Inventory.....	3-4
Figure 3-3	Near-Field Receptors for AERMOD Modeling	3-6
Figure 3-4	Entire Receptor Grid for AERMOD Modeling.....	3-7
Figure 5-1	Location of Resolute Catawba Mill Relative to Nearby Airports	5-2
Figure 5-2	Wind Roses for Nearby Airports	5-3
Figure 5-3	Land Use Surrounding Catawba Mill and the Two Nearby Airports.....	5-6
Figure 6-1	Location of Nearby Monitors in Relation to Resolute Catawba Mill	6-2
Figure 6-2	Pollution Roses for the Greenville ESC and Garinger High School Monitors (2012-2014) with 2011 NEI SO ₂ Sources	6-4

List of Appendices

Appendix A	Off-site Source Inventories
Appendix B	Resolute Catawba Example Calculations
Appendix C	Resolute Catawba 2012 Hourly Emission Calculations
Appendix D	Resolute Catawba 2013 Hourly Emission Calculations
Appendix E	Resolute Catawba 2014 Hourly Emission Calculations

1.0 Project Description

1.1 Purpose

This document describes the air quality modeling procedures approved for use in conducting an air dispersion modeling demonstration with respect to the 1-hour National Ambient Air Quality Standard (NAAQS) for sulfur dioxide (SO₂). The modeling is being performed to establish the area attainment designation for the region surrounding Resolute FP US, Inc. (Resolute) Catawba Mill which is located in Catawba, South Carolina.

A modeling protocol was prepared and submitted to the South Carolina Department of Environmental Health & Environmental Control (DHEC) Bureau of Air Quality (BAQ) in June 2016 to provide a general overview of the modeling procedures proposed for this analysis. Following review of the modeling protocol by DHEC BAQ, the modeling protocol was submitted to Region 4 of the Environmental Protection Agency (EPA Region 4) for review and approval. DHEC BAQ informed Resolute that EPA Region 4 approved the proposed modeling protocol in September 2016. EPA Region 4 made three comments to DHEC BAQ which have been addressed in the applicable sections of this modeling report.

To the extent possible, the approved modeling procedures are consistent with applicable guidance, including the August 2016 "SO₂ NAAQS Designations Modeling Technical Assistance Document" (TAD) issued in draft form by the United States Environmental Protection Agency (USEPA). The approved modeling approach is also consistent with the final Data Requirements Rule (DDR) for the 2010 1-hour SO₂ primary NAAQS.

The current version of the TAD references other USEPA modeling guidance documents, including the following clarification memos (1) the August 23, 2010 "*Applicability of Appendix W Modeling Guidance for the 1-hour SO₂ NAAQS*" and (2) the March 1, 2011 "*Additional Clarification Regarding Application W Modeling Guidance for the 1-hour NO₂ National Ambient Air Quality Standard*" (hereafter referred to as the "additional clarification memo"). In the March 1, 2011 clarification memo, USEPA declares that the memo applies equally to the 1-hour SO₂ NAAQS even though it was prepared primarily for the 1-hour NO₂ NAAQS.

1.2 Facility Description

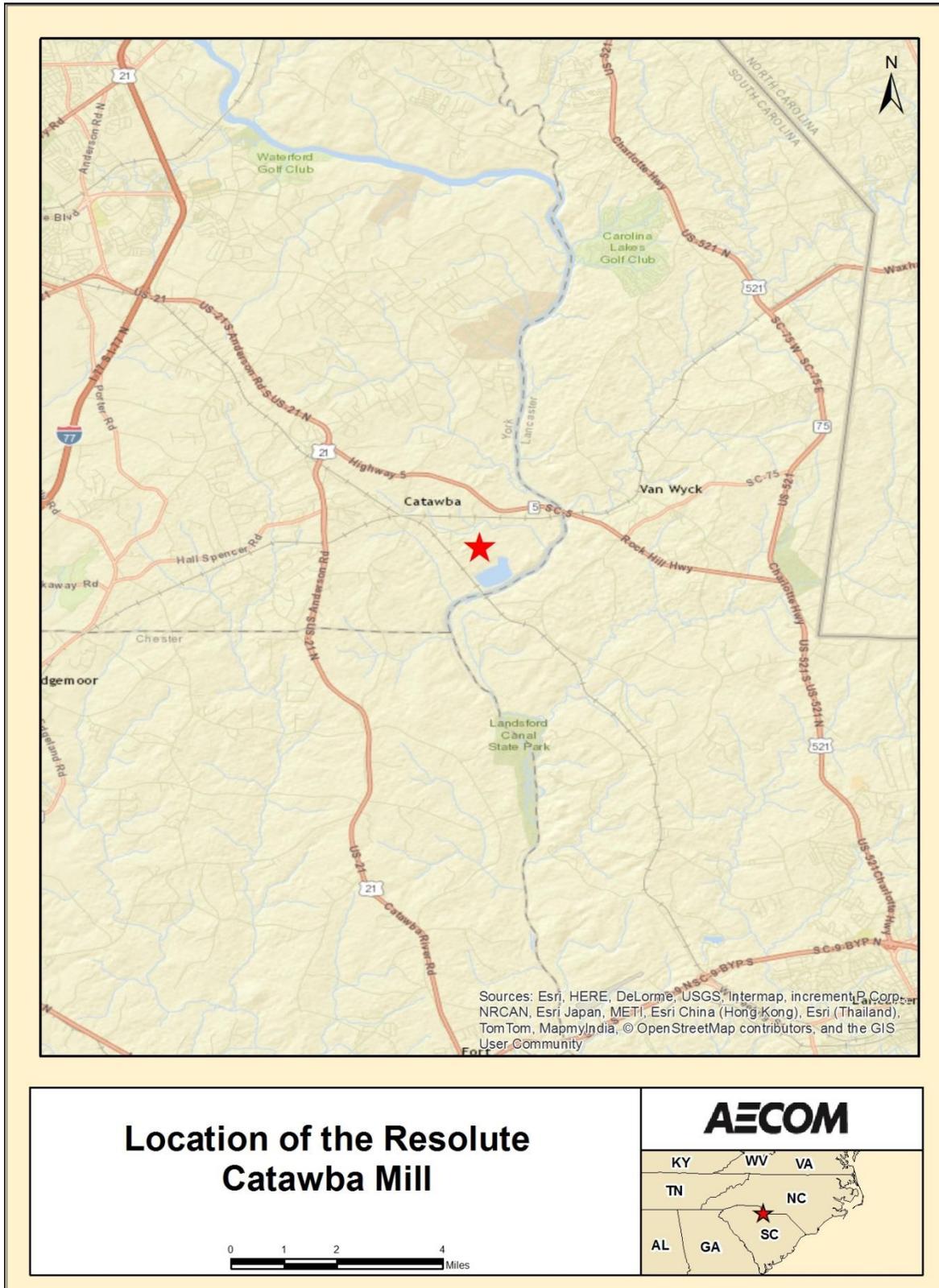
Resolute operates a Kraft pulp and paper mill in Catawba, York County, in the Piedmont region of South Carolina. The primary activities at the Catawba Mill are pulp production (Standard Industrial Classification [SIC] code 2611) and paper production (SIC Code 2621). Primary operations at the mill include multiple fuel-fired boilers, chemical recovery operations, wood pulping operations, bleached papermaking, and additional operations and equipment necessary to support these operations.

1.3 Location

The Catawba Mill is located in Catawba, South Carolina along the Catawba River. The Mill began operations in 1959. The Catawba Mill is located along Cureton Ferry Road. The area surrounding the Mill is rural and undeveloped, with some scattered residential areas to the west (Figure 1-1)

The Catawba area is located in the Piedmont of South Carolina and is characterized by gently rolling hills with elevations changing several hundred feet within a few kilometers of the plant site. Based on area classification systems recognized by USEPA, the facility is located in a rural section of the state. USEPA guidance shows two alternative procedures to determine whether the character of an area is predominately urban or rural: (1) land use typing or (2) population density. The area classification system as described by Auer in the Journal of Applied Meteorology, Vol. 17, pg. 636-643, 1978, Correlation of Land Use and Cover with Meteorological Anomalies, was used to classify the area as rural. This system uses USGS maps and an area 3 km in radius around a source in the determination. Section 4.2 also demonstrates that the area surrounding the Catawba Mill is predominately rural.

Figure 1-1 Location of Resolute FP Catawba Mill



2.0 Model Selection

The use of AERMOD (USEPA 2004a) (Version 15181) was approved for this modeling study. AERMOD is the USEPA guideline model for short-range transport and has the ability to account for the source types and dispersion environment located at, and surrounding, the Catawba Mill. AERMOD is appropriate for use for many different types of dispersion environments including: sources subject to building downwash and sources located in flat or elevated terrain.

As described in Section 1.2 and shown in Section 4.2, the area surrounding the Catawba Mill (being located in the Piedmont of South Carolina) is characterized by gently rolling terrain with elevations changing up to several hundred feet within a few kilometers of the plant site.

As such, AERMOD was executed with current regulatory default options to model all sources, with the following exceptions. AERMOD was executed using the option AERMET ADJ_U*.

Based on USEPA guidance provided in the TAD, all stacks were modeled with their actual physical stack height. In addition, the USEPA's Building Profile Input Program (BPIP-Version 04274) version that is appropriate for use with PRIME algorithms in AERMOD was used to incorporate downwash effects in the model for all modeled point sources. The building dimensions of each structure were input in BPIP-PRM program to determine direction specific building data. PRIME addresses the entire structure of the wake, from the cavity immediately downwind of the building to the far wake.

3.0 Modeling Domain

3.1 Determination of Sources to Include

The Catawba Mill is located in a relatively isolated area. There are very few industrialized areas surrounding the Mill and consequently the sources proposed for inclusion into this area designation modeling are limited to the primary source (Catawba Mill) and selected nearby sources within 50 kilometers of the Catawba Mill following the screening methodology outlined below.

3.1.1 Primary Source

The modeling domain for the SO₂ attainment area designation modeling analysis will focus primarily on the Catawba Mill. The DRR characterizes a primary source as those sources which have over 2,000 TPY of SO₂ emissions based on the most recent year of emissions data. The Catawba Mill was identified by DHEC BAQ as having actual SO₂ emissions for the most recent calendar year in excess of 2,000 TPY. Therefore, the attainment status of the surrounding area with respect to the 1-hour NAAQS for SO₂ must be made.

3.1.2 Nearby Sources

The approved procedures to be used for identifying other nearby sources to explicitly include in the dispersion modeling analysis are described below.

Current modeling guidance in the TAD states that the process of determining which nearby sources to include in the attainment area designation modeling should make use of professional judgment. Guidance on Page 7 in the TAD and in the referenced clarification memos state that the *“number of sources to explicitly model should generally be small.”*

The applicable guidance in the TAD and in the clarification memos also mentions that any nearby sources that are expected to cause a significant concentration gradient in the vicinity of the primary sources being modeled should be included in the area designation modeling and that the impacts of any other sources should be incorporated via a consideration of background air quality concentrations.

3.1.2.1 Screening Area

A screening area of 50 kilometers was established for a search criterion in order to establish if any additional nearby sources needed to be included in this modeling analysis. Sources beyond 50 km are very unlikely to cause or contribute to a violation of the NAAQS in the vicinity of the primary sources or to cause a significant concentration gradient in the vicinity of the primary sources.

3.1.2.2 Screening Procedures – Initial Consideration of Emissions and Proximity

2014 permitted emissions inventories were obtained from DHEC for the six counties within 50 km of the Catawba Mill; York, Chester, Fairfield, Kershaw, Lancaster, and Chesterfield. Actual emissions inventories for 2014 were obtained from the North Carolina Division of Air Quality (NC DAQ) for Union and Gaston Counties, NC, and from Mecklenburg County Air Quality for Mecklenburg County, NC. All sources beyond 50 km were excluded from consideration.

3.1.2.3 20D Methodology

A method commonly used and recommended by DHEC BAQ for screening nearby sources for inclusion in a cumulative impact analysis is the “20D” methodology. Originally developed by NC DAQ, the 20D method allows for candidate nearby sources to be excluded from a cumulative analysis if their facility-wide emission

rates, in tons per year, are less than 20D, where D is the distance in km between the candidate nearby source and the primary source.

Applying the 20D screening methodology to the sources within 50 km of the Catawba Mill yields nine sources at five facilities to be included in the modeling and are summarized in Table 3-1 below. Figure 3-1 shows the locations of these sources with respect to the Catawba Mill. Additional details regarding the screening process are available in Appendix A.

Table 3-1 Offsite Sources Meeting the 20D Screening Criteria

Facility	Source	County, State	Facility-Wide Emissions (tpy)
Winthrop University	CEB1 and 2 combined	York, SC	1,617.4 (permitted)
General Chemical, LLC	ADS Digester	York, SC	14.5 (permitted)
Guardian Industries	MELT1	Chester, SC	657 (permitted)
Springs Industries, Leroy Plant	Boilers 1 and 2	Chester, SC	336.1 (permitted)
Duke Energy Allen Steam Station	Combined stacks 125 and 34	Gaston, NC	1,718 (2014 actual)

One refinement to the initial 20D screening methodology was a review of the actual emissions from Winthrop University. The actual fuel usage records from Winthrop indicate natural gas was the only fuel burned during the modeling period. The highest monthly natural gas usage was 16,155,000 standard cubic feet. Applying the AP-42 emission factor of 0.6 lb SO₂/10⁶ scf yields a monthly emission rate of 9.69 lbs. SO₂/month or 116 lbs. SO₂/year. At this level of actual emissions Winthrop University does not meet the 20D screening criteria and will be excluded from the off-site inventory.

On September 1, 2016, Resolute received comments from EPA Region 4 through DHEC BAQ. One concern expressed by EPA Region 4 was the possibility that plumes from a group of distant sources in the same general upwind direction, and below the 20D threshold, may combine to act as one larger emissions source. Resolute believes the background concentration is representative of the contribution from all off-site sources less than 20D. However, in the interest of validating this assumption Resolute included all off-site sources within 50 kilometers in the final modeling analysis to demonstrate there is no contribution to the design concentration from the sources less than 20D. In the case of Winthrop University, the maximum short-term emission rate when burning natural gas was entered into the model (84×10⁶ Btu/hr × 2 boilers × 1 scf/1,000 Btu × 0.6 lb SO₂/10⁶ scf = 0.10 lb SO₂/hr). Figure 3-2 shows the locations of all SO₂ sources in the off-site inventory.

3.2 Receptor Grid

On September 1, 2016, Resolute received comments from EPA Region 4 through DHEC BAQ. One concern expressed by EPA Region 4 was the proposed exclusion of all receptors inside the Catawba Mill property boundary. The proposed exclusion of receptors within the facility property boundary in the June 2016 modeling protocol was consistent with the EPA February 2016 TAD (draft) for receptor placement. In August 2016, EPA released an updated TAD (draft) clarifying the placement of receptors on facility property. EPA Region 4 specifically stated “[t]he final modeling report should clearly demonstrate that the general public does not have access to all areas within the ambient air boundary that have been excluded from the modeling (i.e., that a fence or some other security measures are in place to preclude access from the public).”

The modeling analysis was conducted using the following receptor grid design. The receptor grid consists of receptors spaced 50 meters apart along the Catawba Mill's Prevention of Significant Deterioration (PSD) ambient air boundary, and within this boundary in locations having public access. Public locations within the property boundary include Cureton Ferry Road and the rail lines of CSX and Norfolk Southern. Only the Norfolk Southern rail line crosses the PSD ambient air boundary. Receptors were placed along the section of the rail line crossing the PSD ambient air boundary at 50-meter intervals.

The PSD ambient air boundary is represented by fencing around the northern and eastern perimeter of the production area, landfill, and wastewater treatment ponds where public roads provide access to the Catawba Mill property. A combination of fencing and regularly patrolled private mill roads following the Catawba River and Abernathy Creek form the PSD ambient air boundary along the southern and western portions of the wastewater holding ponds. There are no public roads or other access crossing the Catawba River or Abernathy Creek leading into these areas of the Catawba Mill property, other than the Norfolk Southern rail line mentioned previously.

A spacing of 100 meters was used for the receptors extending out to 3.0 kilometers from the central point of the ambient air boundary. Between 3 and 7 kilometers, a spacing of 500 meters was used. Between 7 and 12 kilometers, a spacing of 1000 meters was used. The receptor grid used in the modeling analysis was based on Universal Transverse Mercator (UTM) coordinates referenced to NAD 83 datum and in zone 17. The receptor grid is centered at the following UTM coordinate: Easting = 510,047 meters and Northing = 3,855,743 meters.

The highest modeled impacts are predicted in the area of 100-meter spacing near the Catawba Mill. Therefore, the extent of the approved receptor grid is sufficient to capture the maximum modeled impacts.

Figures 3-2 and 3-3 show a graphical depiction of the near-field receptors and entire receptor grid approved for modeling.

AERMAP (version 11103) (USEPA 2004c), the AERMOD terrain preprocessor program, was used to calculate terrain elevations and critical hill heights for the modeled receptors (NAD83 datum and zone 17) using National Elevation Data (NED). The dataset downloaded from the USGS website (<http://viewer.nationalmap.gov/viewer/>) consists of 1 arc second (~30 m resolution) NED.

Additionally, Section 4.2 of the TAD states "for the purposes of modeling for SO₂ designations, the receptor placement strategy differs since the modeling is acting as a surrogate for monitoring. In areas where it is not feasible to place a monitor (water bodies, etc.), receptors can be ignored or not placed in those locations". As discussed above, the PSD ambient air boundary is consistent with excluding water bodies where it is not feasible to locate a monitor.

Figure 3-1 Screened SO₂ Sources for Offsite Inventory

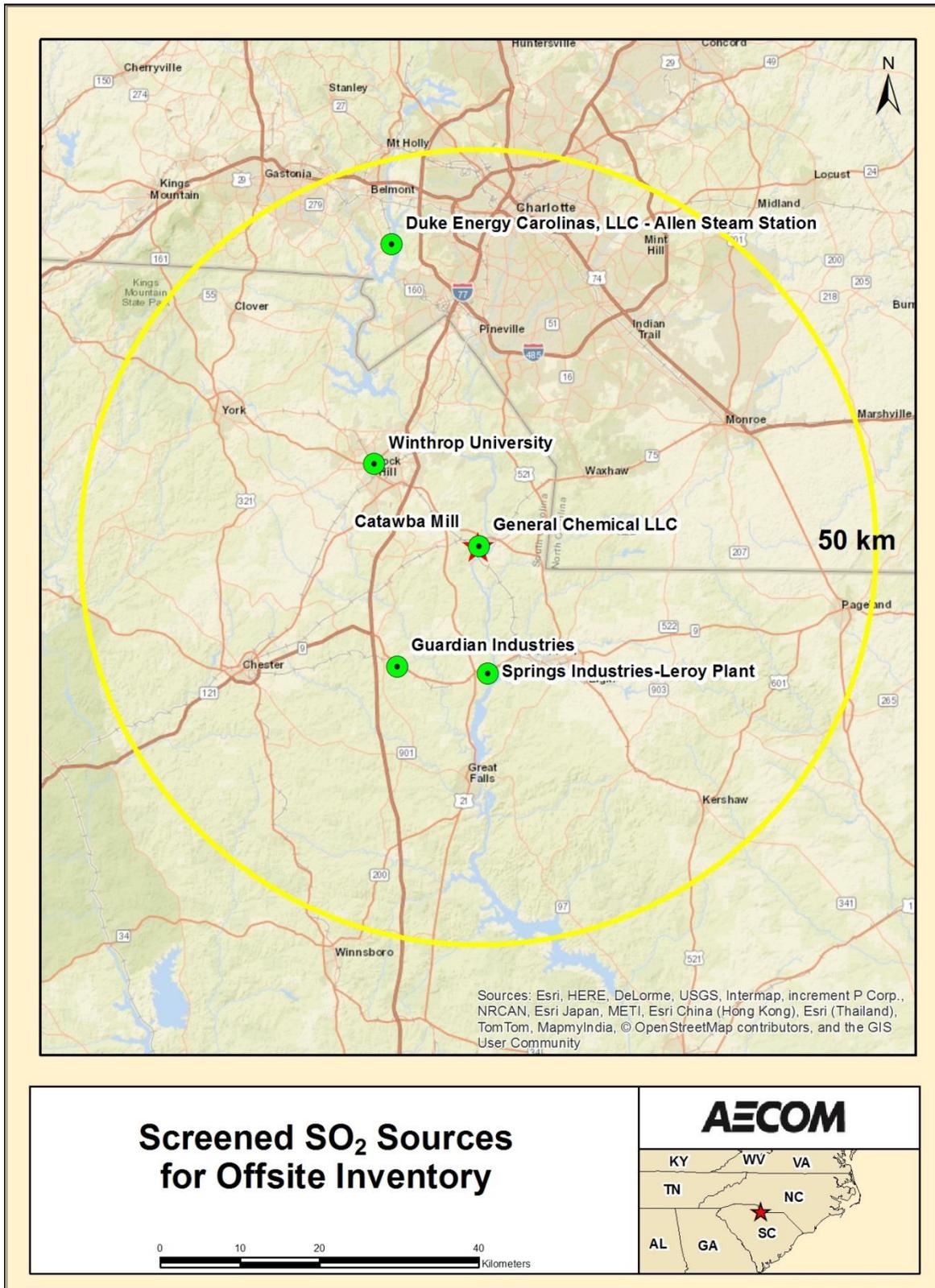


Figure 3-2 All SO₂ Sources for Offsite Inventory

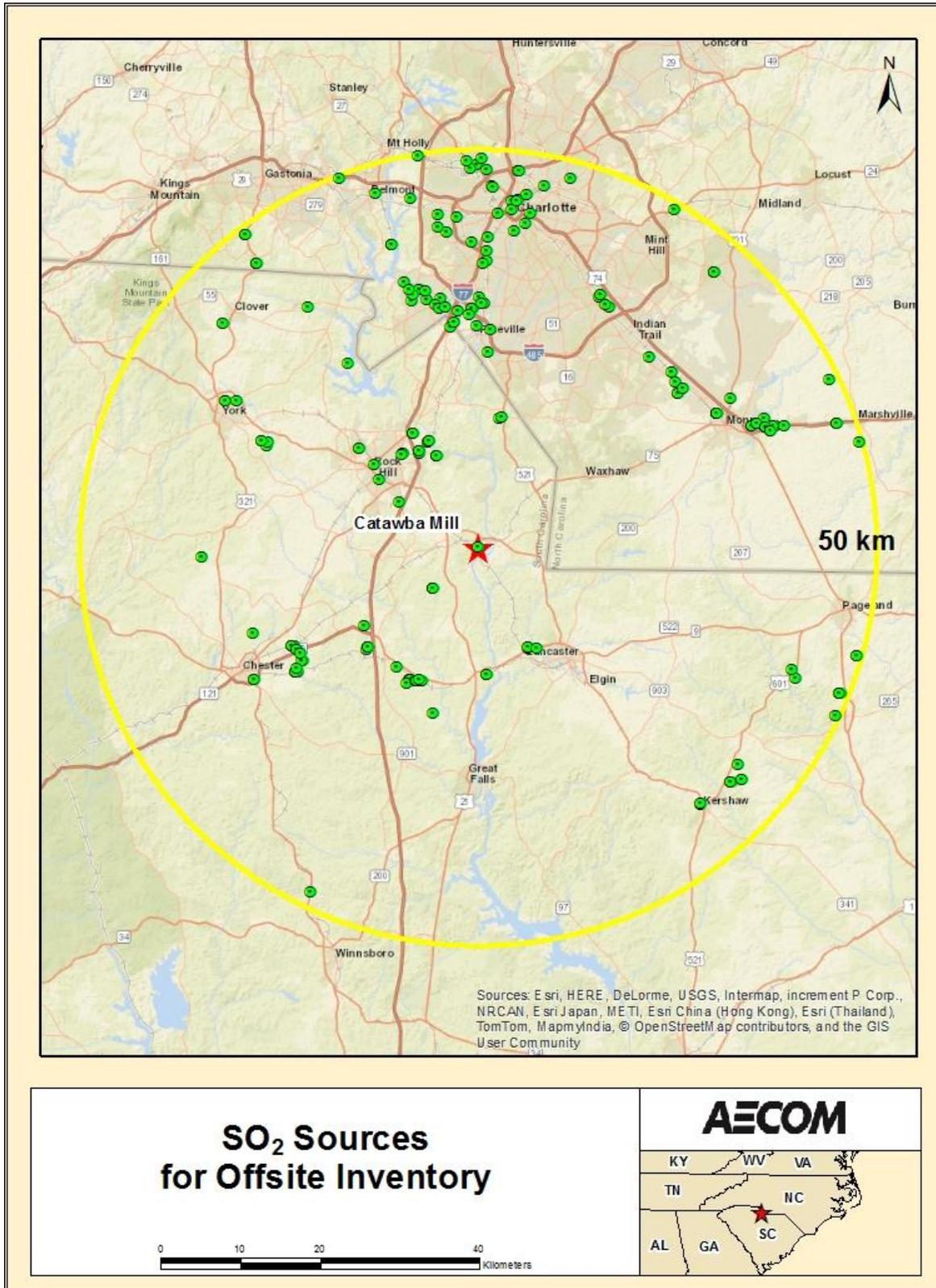


Figure 3-3 Near-Field Receptors for AERMOD Modeling

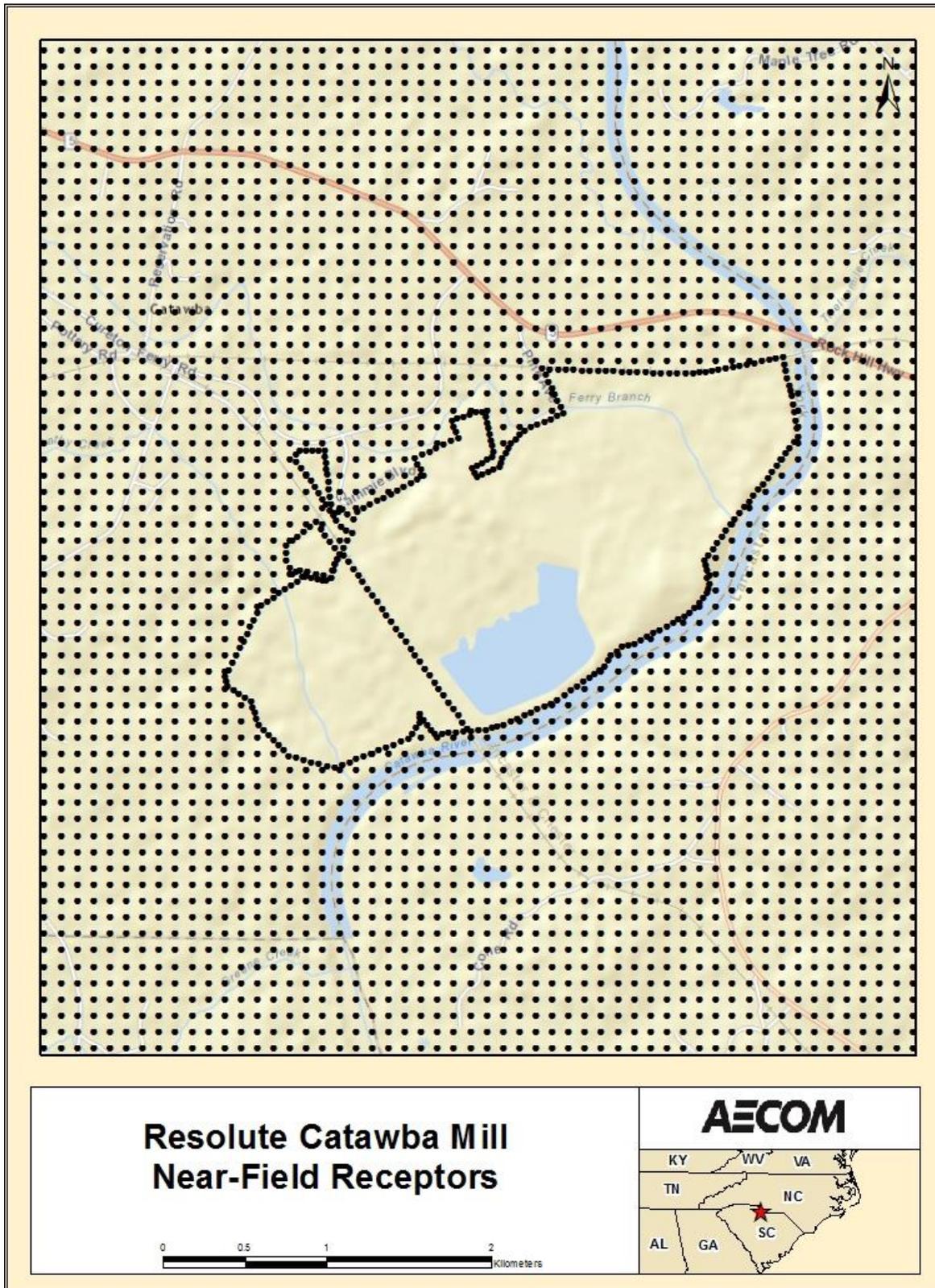
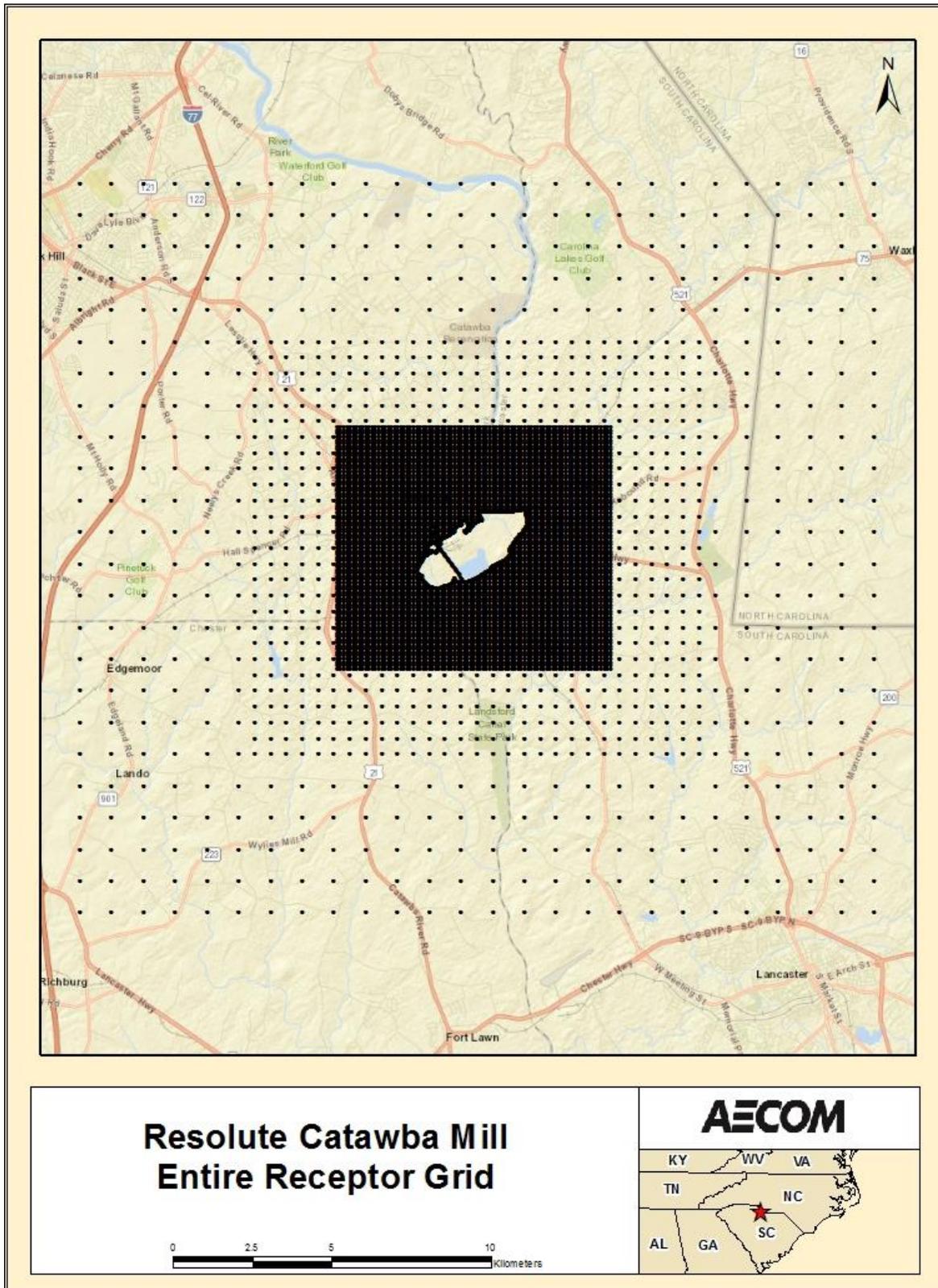


Figure 3-4 Entire Receptor Grid for AERMOD Modeling



4.0 Emission Rates and Source Characterization

4.1 Source Data

The primary source of SO₂ emissions from the Resolute Catawba Mill is combustion of No. 6 fuel oil. The modeling analysis uses hourly SO₂ emissions from No. 6 fuel oil combustion in each fuel burning source. The hourly emissions are calculated based on actual hourly fuel consumption records for each source. The only exception is for the lime kiln, which is modeled using the maximum hourly SO₂ emissions from No. 6 fuel oil for all hours. The hourly No. 6 fuel oil combusted in each source is multiplied by the maximum sulfur content of 2.1 percent to conservatively estimate the actual hourly emissions from No. 6 fuel oil combustion.

The actual hourly SO₂ emissions from No. 6 fuel oil are then added to the maximum hourly emissions from all other fuels as a second layer of conservatism, over-estimating the actual hourly SO₂ emissions from each fuel burning source. This is an over-estimate of the SO₂ emissions for several reasons. First, the SO₂ emissions from other fuels are calculated based on the maximum fuel firing rates (or heat input rates) for each fuel, even though multiple fuels cannot be burned simultaneously at the maximum firing rate. Second, on an annual basis the steam generated from burning No. 6 fuel oil in the recovery furnaces and combination boilers was 1.59% of the total steam generation in 2012, 1.18% in 2013, and 4.31% in 2014.

The other significant source of SO₂ emissions from the Catawba Mill are combustion of the pulp mill non-condensable gases (NCG's) in the combination boilers for compliance with the kraft pulp mill NSPS and MACT standards. The maximum hourly SO₂ emissions from NCG combustion are modeled for every hour as a conservative assumption. The SO₂ emissions from NCG combustion are modeled from the combination boiler No. 1 stack as done in previous Title V modeling analyses. Combination boiler No. 1 has a lower stack temperature and lower stack flow rate than combination boiler No. 2 and therefore is expected to exhibit less favorable dispersion characteristics and produce higher ground-level concentrations.

Similarly, other minor sources of SO₂ emissions are modeled at the maximum hourly emission rate for all hours as a conservative assumption. Example calculations for each model source are provided in Appendix B. The hourly emission calculations from the approved June 2016 modeling protocol for calendar years 2012, 2013, and 2014 are provided in Appendices C, D, and E, respectively for the recovery furnaces, combinations boilers, and the power boiler.

Table 4-1 below lists the Catawba Mill point sources and their corresponding stack parameters. The stack parameters for all model sources are from the previous modeling analyses for PSD permit applications. The stack parameters are representative of all sources at high operating loads, consistent with the emission calculations based on maximum fuel firing rates for the primary fuels. Table 4-2 presents the Catawba Mill area sources and their corresponding release parameters.

Table 4-1 Catawba Mill Modeled Point Sources

Model ID	Source Description	Stack Height (m)	Stack Temperature (K)	Stack Exit Velocity (m/s)	Stack Diameter (m)	SO ₂ Emission Rate (lb/hr)
FUTRF2	Recovery Furnace No. 2	59.4	457.98	30.21	2.1	hourly
FUTRF3	Recovery Furnace No. 3	68.6	445.43	18.81	3.2	hourly
FUTST2	Smelt Tank No. 2	66.4	350.04	10.49	1.8	0.28
FUTST3	Smelt Tank No. 3	66.4	350.04	10.49	1.8	0.51
FUTLK2	Lime Kiln No. 2	56.1	470.37	9.78	1.8	0.58
FUTSB	Power Boiler No. 1 (Swing Boiler)	59.4	518.54	30.36	2.1	hourly
FUTCB1	Combination Boiler No. 1 (#6 Oil)	69.5	457.48	14.39	3.0	hourly
FUTCB2	Combination Boiler No. 2 (#6 Oil)	69.5	480.48	18.99	3.0	hourly
FUTNCG1 ^a	Combination Boiler No. 1 (NCG Gases)	69.5	457.48	14.39	3.0	768

a. NCG gases incinerated in Combination Boiler Nos. 1 and 2, but not both simultaneously. Combination Boiler No. 1 used for modeling.

Table 4-2 Catawba Mill Modeled Area Sources

Model ID	Source Description	Release Height (m)	Easterly Length (m)	Northerly Length (m)	Angle from North (degrees)	SO ₂ Emission Rate (lb/hr)
FUTPM1	Paper Machine No. 1	24.4	30.48	15.24	-30	2.52
FUTPM2	Paper Machine No. 2	24.4	30.48	15.24	-30	3.37
FUTPM3	Paper Machine No. 3	24.4	30.48	15.24	-30	2.51
FUTAMU	Air Make-up Units	24.4	252.98	155.45	-30	0.076

4.2 Urban vs. Rural Determination

The 2011 National Land Cover Database (NLCD) was utilized to determine if a 3 km area surrounding the Catawba Mill should be classified as rural or urban for the purposes of this modeling analysis. The 2011 NLCD data was downloaded for a 3+ km area surrounding the Mill from the Multi-Resolution Land Characteristics (MRLC) Consortium website. The area of each land use class within a 3 km radius of the Mill was calculated and a percentage of the total was determined.

Table 4-3 shows the percent land use for different land use classes within 3 km of the Catawba Mill. The area surrounding the Catawba Mill is predominately rural. The non-developed land use classes total about 93% for the Catawba Mill.

Table 4-3 Land Use Percentage Within 3 km of Resolute

Land Use Class	Resolute Catawba Mill
Open Water	9.0%
Developed, Open Space	3.3%
Developed, Low Intensity	1.3%
Developed, Medium Intensity	1.3%
Developed, High Intensity	1.4%
Barren Land	1.1%
Deciduous Forest	31.2%
Evergreen Forest	21.2%
Mixed Forest	2.4%
Scrub/Shrub	3.4%
Grassland/Herbaceous	12.2%
Pasture/Hay	10.3%
Cultivated Crops	0.3%
Woody Wetlands	1.4%
Emergent Herbaceous Wetland	0.3%

5.0 Meteorological Data

5.1 Overview

The modeling was performed utilizing the three most recent years of meteorological data, 2012 through 2014. DHEC BAQ provided the AERMOD-ready meteorological input files for this analysis based on the most representative station. DHEC BAQ provided the meteorological inputs processed with the current beta ADJ_U* option.

AERMOD was run using the current beta ADJ_U* option.

The Catawba Mill is located approximately 45 km south of Uptown Charlotte, North Carolina in the southeastern corner of York County, South Carolina. The possible meteorological datasets for modeling the Catawba Mill include the following: (1) surface meteorological data from the Rock Hill – York County Airport including concurrent upper air observations from Greensboro, North Carolina or (2) surface data from the Charlotte/Douglas International Airport and upper air meteorological data from Greensboro, North Carolina.

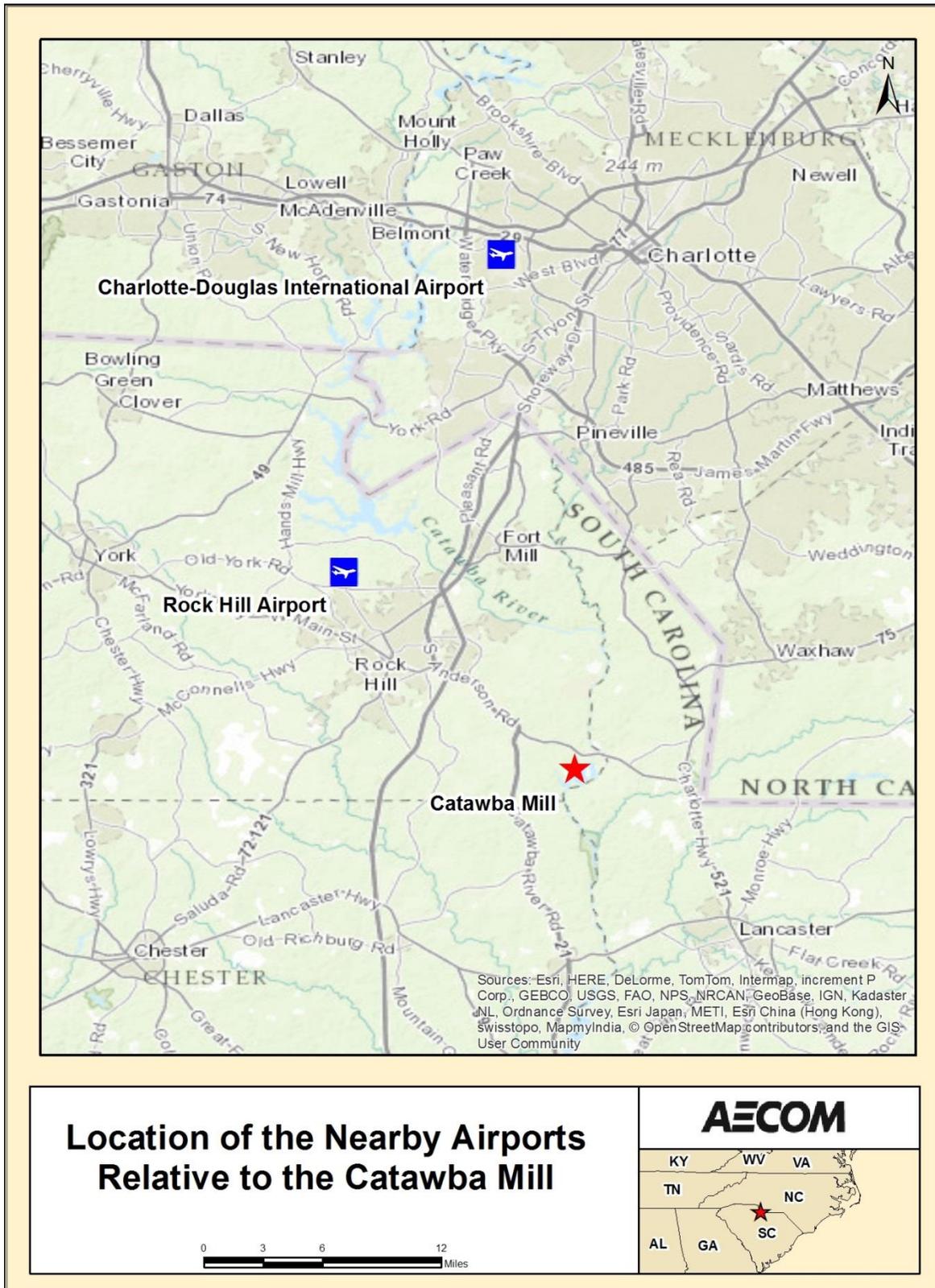
In order to determine which meteorological data set is most suitable for modeling, the following three factors relative to Catawba Mill were examined:

- proximity,
- representativeness of winds, and
- representativeness of land use.

5.2 Proximity

Figure 5-1 shows the location of Catawba Mill relative to the Rock Hill – York County Airport and the Charlotte Douglas International Airport. The Rock Hill – York County Airport is located approximately 20 km to the northwest of the Catawba Mill while the Charlotte Douglas International Airport is located approximately 40 km to the north of the Catawba Mill. The Rock Hill – York County Airport is closer to the Catawba Mill and would be preferred on that basis.

Figure 5-1 Location of Resolute Catawba Mill Relative to Nearby Airports

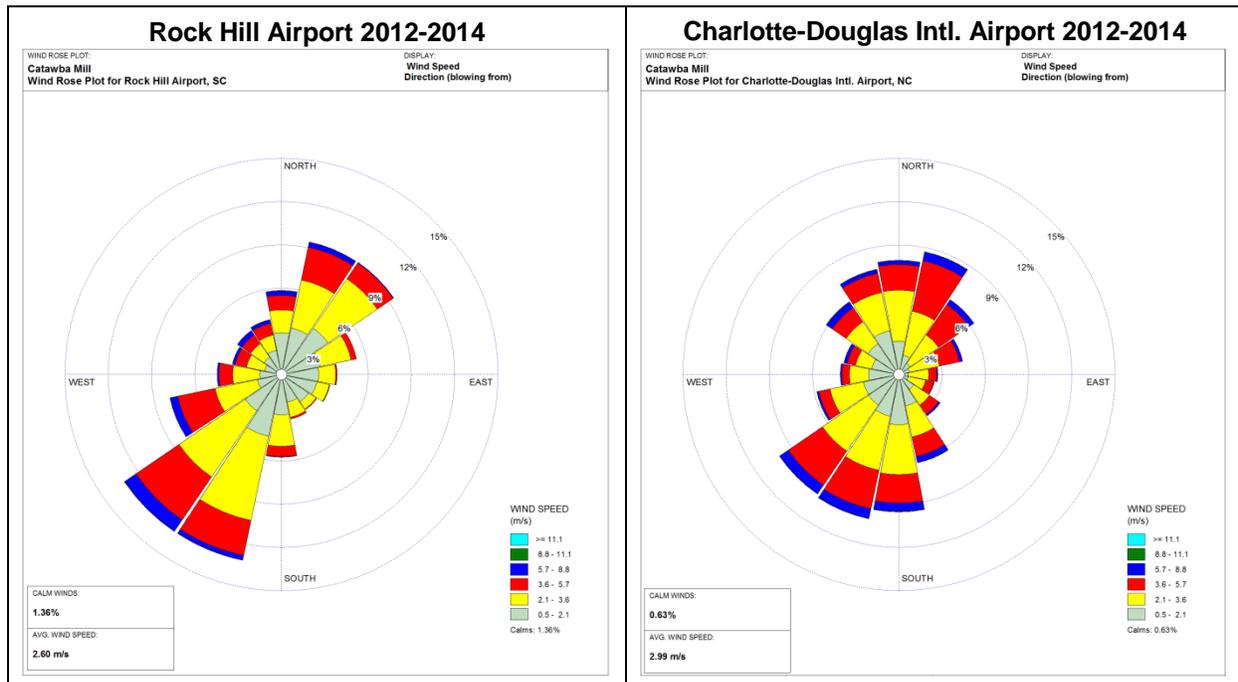


5.3 Representativeness of Winds

Figure 5-2 shows 3-year (2012-2014) wind roses for the Rock Hill Airport and Charlotte-Douglas International Airport. These wind roses incorporate use of the available 1-minute ASOS data for each airport. The Rock Hill Airport data was provided by DHEC, while the Charlotte Airport data was provided by the North Carolina Division of Air Quality (NC DAQ). The wind rose patterns at these two sites are somewhat similar. Both airports feature predominant southwest to northeast flow and vice versa. The wind speeds are similar as well, with Rock Hill registering a 2.60 m/s annual average wind speed over the three years (2012-2014), and Charlotte-Douglas averaging 2.99 m/s over the same time period. Since the Catawba Mill is located somewhat closer to the Rock Hill Airport, and there are no significant terrain features nearby, the winds at Rock Hill Airport would arguably be more representative.

During the three year period of 2012-2014 approved for modeling, both airports have data capture percentages over 99%. Both airports also report a very low frequency of calm winds with Rock Hill at 1.36% and Charlotte-Douglas at 0.63% over the three year period. The low frequency of calm winds is largely attributable to the inclusion of the 1-minute ASOS data.

Figure 5-2 Wind Roses for Nearby Airports



5.4 Representativeness of Land Use

AERMET requires specification of site characteristics including surface roughness, albedo and Bowen ratio. These parameters and their representativeness between the application site and measurement site are an important consideration when selecting a meteorological data set to use for modeling as these parameters are used as inputs to AERMET, and eventually AERMOD, to help characterize the dispersion in the atmospheric boundary layer.

AERSURFACE was used to help compare these land use parameters for the areas surrounding Catawba Mill, Rock Hill Airport, and Charlotte-Douglas Airport. AERSURFACE is a tool developed by EPA (EPA, 2008) that can be used to determine the site land use characteristics based on digitized land cover data in accordance with the recommendations in the AERMOD Implementation Guide (AIG) (EPA, 2009). AERSURFACE incorporates look-up tables of representative surface characteristic values by land cover category and seasonal category.

The revised AIG provides the following recommendations for determining the site characteristics:

1. The determination of the surface roughness length should be based on an inverse distance weighted geometric mean for a default upwind distance of 1 km relative to the measurement site. Surface roughness length may be varied by sector to account for variations in land cover near the measurement site; however, the sector widths should be no smaller than 30 degrees.
2. The determination of the Bowen ratio should be based on a simple unweighted geometric mean (i.e., no direction or distance dependency) for a representative domain, with a default domain defined by a 10 km by 10 km region centered on the measurement site.
3. The determination of the albedo should be based on a simple unweighted arithmetic mean (i.e., no direction or distance dependency) for the same representative domain as defined for Bowen ratio, with a default domain defined by a 10 km by 10 km region centered on the measurement site.

The current version of AERSURFACE (Version 13016) supports the use of land cover data from the USGS National Land Cover Data 1992 archives¹ (NLCD92). The NLCD92 archive provides data at a spatial resolution of 30 meters based upon a 21-category classification scheme applied over the continental U.S. Based on the factors discussed above, notably the closer proximity and more closely aligned land use characteristics, the modeling utilized data from Rock Hill Airport along with concurrent upper air observations from Greensboro, NC for the three year period, 2012-2014.

¹ <http://landcover.usgs.gov/natl/landcover.php>

Figure 5-3 depicts the NLCD92 data within 1 km of the Catawba Mill, Rock Hill Airport, and Charlotte-Douglas Airport. The figure shows that there are some differences in the land use at the three sites. As such, AERSURFACE was run to quantify what these differences mean in terms of actual inputs to AERMET and AERMOD.

AERSURFACE was applied for a single 1 km sector around each site as depicted in using average moisture conditions and default seasonal classifications. The results of the AERSURFACE runs are presented in Table 5-1. Table 5-1 shows the annual average albedo and Bowen ratio values are more similar when comparing Rock Hill Airport and the Catawba Mill and less similar when comparing Charlotte-Douglas Airport and the Catawba Mill. The albedo and Bowen ratio are actually quite similar when comparing Rock Hill Airport and the Catawba Mill.

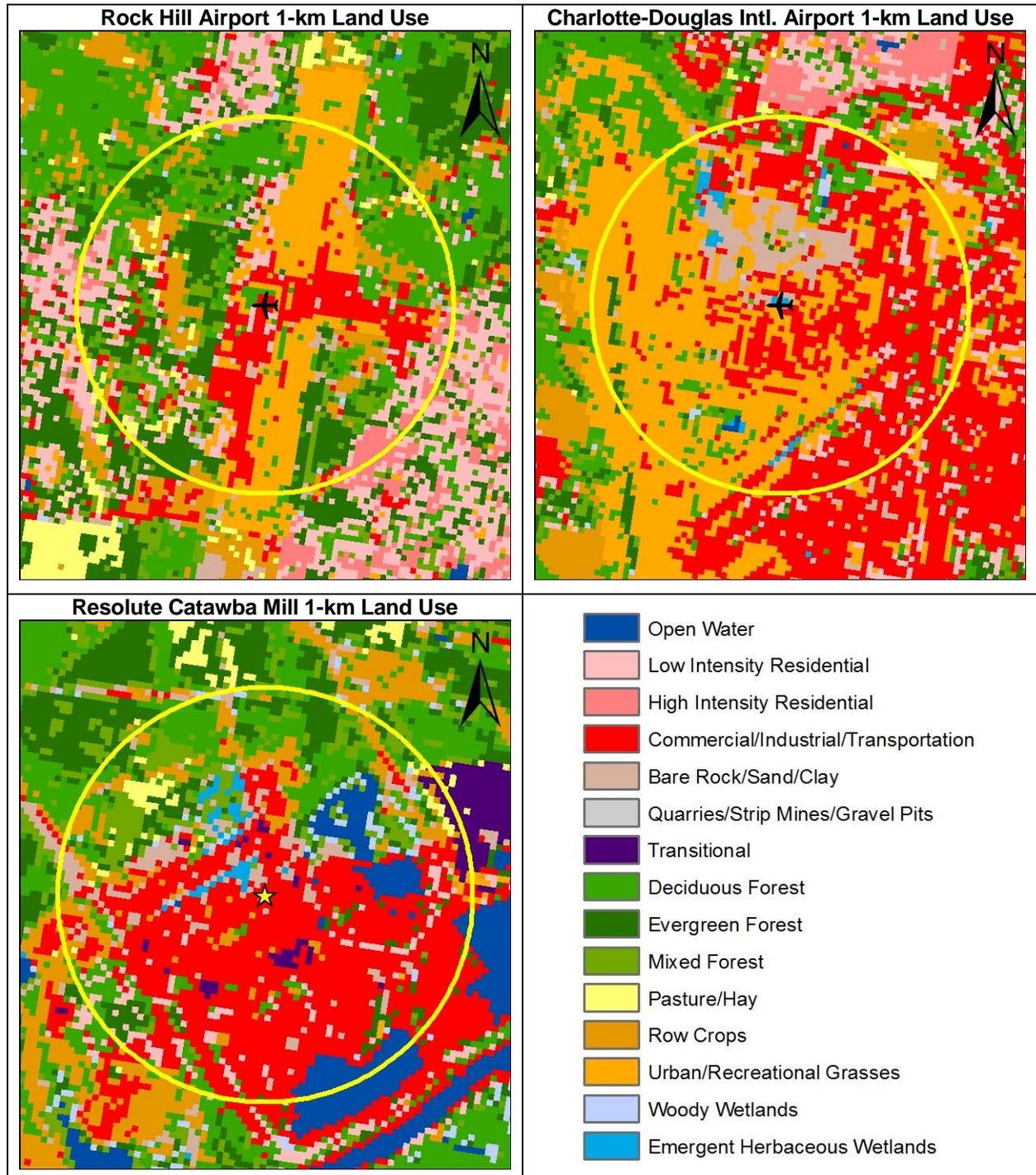
The surface roughness, however, is different. This is a common result because there are typically fewer roughness elements surrounding the anemometer at an airport than at an industrial site. The surface roughness surrounding the Catawba Mill more closely agrees with Rock Hill Airport as compared to Charlotte-Douglas Airport. The difference is about a factor of 2 different when comparing Rock Hill Airport and the Catawba Mill versus more than a factor of 6 different when comparing Charlotte-Douglas Airport and the Catawba Mill.

Table 5-1 Land use comparison for Catawba Mill and Two Nearby Airports

Site	Annual Average Land Use		
	Albedo	Bowen	z _o
Charlotte-Douglas	0.16	0.78	0.051
Rock Hill	0.15	0.63	0.185
Catawba Mill	0.15	0.66	0.343

Based on the factors discussed above, notably the closer proximity and more closely aligned land use characteristics, the modeling utilized data from Rock Hill Airport along with concurrent upper air observations from Greensboro, NC for the three year period, 2012-2014.

Figure 5-3 Land Use Surrounding Catawba Mill and the Two Nearby Airports



6.0 Background Monitoring Data

6.1 Overview

Ambient air quality data are used to represent the contribution of non-modeled sources to the total ambient air pollutant concentrations. In order to determine compliance with the 1-hour SO₂ NAAQS, the modeled design concentration must be added to a measured ambient background concentration to estimate the total design concentration. This total design concentration is then compared to the NAAQS to determine compliance.

For this analysis we have considered data from the nearby York CMS monitoring site (Site ID: 450910006; Address: 2316 Chester Highway, York, SC), the Garinger High School monitoring site (Site ID: 371190041; Address: 1130 Eastway Drive, Charlotte, NC), and the Greenville ESC monitoring site (Site ID: 450450015; Address: 133 Perry Avenue, Greenville, SC).

Design concentrations for the period of 2012 through 2014 are provided for the monitors in Table 6-1. The design concentrations are based on the 99th percentile of the peak daily 1-hour SO₂ concentrations averaged over three years. The 2012-2014 design value concentrations for the York CMS monitor have been deemed invalid by the EPA due to large amounts of missing data. Therefore the York CMS monitor will not be considered for use as a background value.

Table 6-1 1-hour SO₂ Design Concentrations

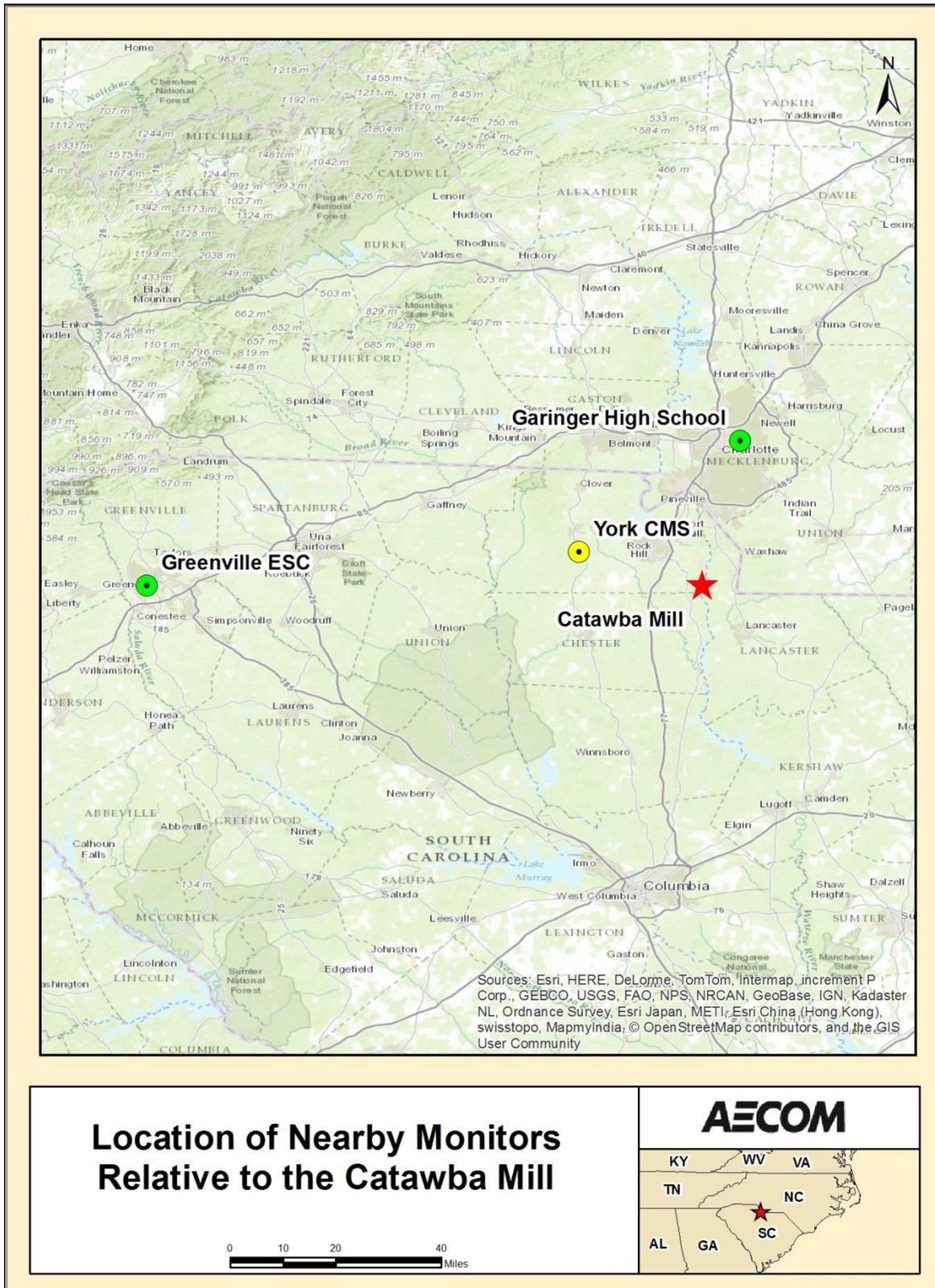
Monitor	Year	Annual Data Capture		99 th Percentile Concentration (ppb)	Design Concentration (3-year average)	
		hours	%		ppb	µg/m ³
York CMS	2012	8706	99	3	4 ^a	11 ^a
	2013	8700	99	3		
	2014	7138	81	5		
Garinger High School	2012	8244	94	8	7	18
	2013	8479	97	8		
	2014	8223	94	6		
Greenville ESC	2012	8336	95	5	5	13
	2013	7989	91	3		
	2014	8415	96	6		

a. Design concentration is deemed invalid by the EPA due to data incompleteness.

6.2 Proximity

As shown in Figure 6-1, the Garinger High School monitor is located approximately 40 km north-northeast and the Greenville ESC monitor is located approximately 140 km west of the Catawba Mill.

Figure 6-1 Location of Nearby Monitors in Relation to Resolute Catawba Mill



**Location of Nearby Monitors
Relative to the Catawba Mill**



0 10 20 40 Miles

The Garinger High School monitor is located to the east-northeast of Charlotte and is surrounded by many sources of SO₂. Additional discussion of nearby source influence on the Garinger High School monitor is provided below.

6.3 Data Quality

In addition to the design value concentrations, Table 6-1 also summarizes the number of annual 1-hour observations for each of the three years. All three years for the period 2012-2014 for both monitors show acceptable data capture exceeding 94% for all years at both monitors. The only exception to this is for 2013 at the Greenville ESC monitor; which still has acceptable data capture at 91%.

6.4 Nearby Source Influence

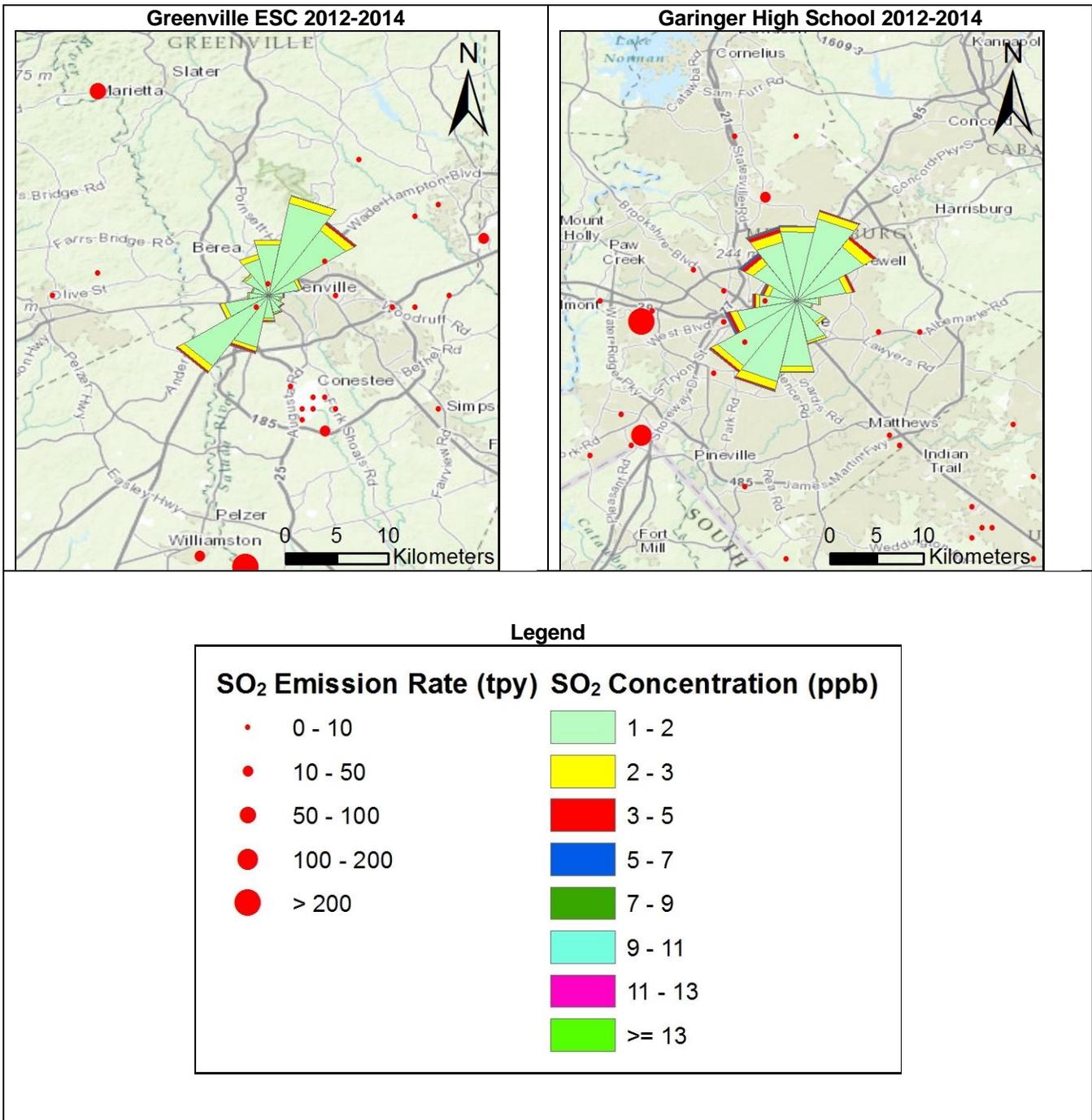
Figure 6-2 shows pollution roses for the Garinger High School and Greenville ESC monitors. The pollution rose shows which direction the highest concentrations of SO₂ are coming from. Also included on these figures are the 2011 National Emissions Inventory (NEI) emission rates for sources located near the monitors. The largest red circles indicate sources that emit more than 200 tons per year (tpy).

As stated, the Garinger High School monitor is located in an area surrounded by many sources of SO₂. Two large sources, the Charlotte-Douglas International Airport and the Frito-Lay processing plant, are within 15-20 kilometers from the monitor. The pollution rose in Figure 6-2 for the monitor shows that winds are blowing from these larger sources towards the monitor.

A pollution rose for the Greenville ESC monitor (also shown in Figure 6-2) was produced for the 2012-2014 period using wind data from the Greenville-Spartanburg International Airport. This figures shows that the monitor is less likely to be influenced by surrounding sources.

Overall, the Greenville ESC monitor is the best choice to use for the ambient background concentrations for the proposed 1-hour SO₂ NAAQS analysis. Use of the Garinger High School monitor would highly overstate the ambient SO₂ background concentrations in the vicinity of the Catawba Mill since the monitor may be impacted by large SO₂ sources. Use of the Greenville ESC monitor data for 2012-2014, when combined with the modeled design concentrations, should provide a more accurate characterization of the total SO₂ concentrations in the vicinity of the Catawba Mill.

Figure 6-2 Pollution Roses for the Greenville ESC and Garinger High School Monitors (2012-2014) with 2011 NEI SO₂ Sources



7.0 Model Results

Modeling was performed using the steps and input data mentioned in the above sections. Table 7-1 presents the 99th percentile daily maximum value averaged over the three years (2012-2014). This corresponds to the highest fourth-high value. This modeled concentration was then added to the background value from the Greenville ESC monitor, and this total concentration was then compared to the NAAQS. As is shown in the table, the modeling does not show a violation of the NAAQS.

Table 7-1 1-hour SO₂ Model Results

99th Percentile Modeled SO₂	Background Concentration	Total Modeled Concentration	1-hour SO₂ NAAQS	Percent of the NAAQS
µg/m³ (ppb)	µg/m³ (ppb)	µg/m³ (ppb)	µg/m³ (ppb)	(%)
167 (64)	13 (5)	180 (69)	196 (75)	92%

8.0 References

US EPA 2004a. User's Guide for the AMS/EPA Regulatory Model (AERMOD). EPA-454/B-03-001 (September 2004 – Addendum March 2011). Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina.

US EPA 2004b. User's Guide for the AERMOD Meteorological Preprocessor (AERMET). (EPA-454/B-03-002, November 2004 – Addendum February 2011). Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina.

US EPA 2004c. User's Guide for the AERMOD Terrain Preprocessor (AERMAP). (EPA-454/B-03-003, October 2004 – Addendum March 2011). Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina.

US EPA 2008. AERSURFACE User's Guide. (EPA-454/B-08-001, January 2008). Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina.

US EPA 2009. AERMOD Implementation Guide (Revised). US EPA, Research Triangle Park, NC. March 19, 2009.

APPENDIX A

Off-site Source Inventories

South Carolina Offsite Inventory

Model Source ID	Facility	Source	UTM Zone 17 NAD83		Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	Permitted SO ₂ Emissions (lb/hr)	Distance from Catawba Mill (km)	Facility-Wide SO ₂ Emissions (tpy)	20D	Emissions greater than 20D?
			Easting (m)	Northing (m)									
YORK1	Pharr Yarns	Boiler 1	488712.0	3886102.0	10.67	466.48	10.67	0.08	63.60	37.0	278.6	740.8	No
YORK2	North Safety Products	Boiler #2	478103.0	3883959.0	6.71	449.82	10.67	0.40	0.02	42.6	0.2	851.1	No
YORK3	North Safety Products	Boiler #3	478081.0	3883985.0	8.84	499.82	9.85	0.56	0.02				
YORK4	Nation Ford Chemical	#1-4BallMillFur	503896.3	3869124.8	14.94	477.59	9.66	0.46	1.07				
YORK5	Nation Ford Chemical	#5 BallMillFur	503905.3	3869123.8	15.00	477.59	9.66	0.46	4.06	14.7	96.7	293.2	No
YORK6	Nation Ford Chemical	Boiler #1	503968.3	3869164.8	14.33	617.04	19.78	0.61	10.61				
YORK7	Nation Ford Chemical	Boiler #2	503968.3	3869164.8	23.47	477.59	9.75	0.52	6.36				
YORK8	Ajax Rolled Ring and Machine	RV1 Building Exhaust	478467.0	3874277.0	15.54	299.82	0.01	2.44	0.20	36.6	1.7	731.0	No
YORK9	Ajax Rolled Ring and Machine	RV2 Building Exhaust	478467.0	3874277.0	15.54	299.82	0.01	2.44	0.20				
YORK10	Piedmont Medical Center	Boilers 1 & 2	495271.0	3868237.0	5.79	422.04	0.01	0.37	2.55	19.3	15.6	385.7	No
YORK11	Piedmont Medical Center	Boiler 3	495271.0	3868237.0	5.80	422.04	0.01	0.37	1.02				
YORK12	InChem Corporation	Steam Boiler	502042.0	3870102.0	18.29	533.15	12.19	0.81	3.40	16.4	14.9	327.5	No
YORK13	Duke Power - Catawba Nuclear	Portable engines	493822.5	3879024.6	2.54	783.15	51.21	0.13	3.45	28.3	15.1	566.2	No
YORK14	Winthrop University	CEB1 and 2 combined	497028.3	3866246.4	25.60	449.82	6.92	1.37	369.26	16.7	1617.4	333.2	Yes
YORK15	American Eagle Wheel Corp.	P3 Hitech furnace	483549.0	3868601.0	11.28	533.15	3.45	0.91	0.85	29.4	3.8	587.7	No
YORK16	American Eagle Wheel Corp.	P1	483694.0	3869009.0	4.45	318.71	0.00	0.70	0.02				
YORK17	Sentury Reagents	Chrome Oxide K1	502790.0	3867653.0	16.76	489.82	27.25	0.35	0.00	13.9	0.0	277.7	No
YORK18	Cytec Carbon Fibers	RH1	501998.3	3870113.8	30.48	422.04	15.24	1.22	0.01				
YORK19	Cytec Carbon Fibers	RH5	501958.3	3870113.8	21.34	588.71	16.46	0.91	0.00	16.4	0.1	328.2	No
YORK20	AVA Industries	Boiler #2	500735.2	3867627.6	9.14	449.82	11.43	0.46	0.01				
YORK21	AVA Industries	Krantz Tenter Frame	500781.2	3867689.6	10.97	355.37	4.36	0.38	0.01	15.0	0.1	300.6	No
YORK22	General Chemical LLC	ADS Digester	510176.4	3865938.3	18.29	348.71	3.86	0.91	3.30	0.2	14.5	4.7	Yes
YORK23	TEREX Light Construction	Test Units	500526.0	3867558.0	5.49	533.15	0.00	0.20	0.26	15.1	1.1	302.2	No
YORK24	Comporium	Boiler 1	497760.3	3864434.3	29.57	449.82	0.00	0.61	1.42	15.0	6.2	299.7	No
YORK25	Schaeffler Group USA, Inc.	MP-1	506663.0	3883578.0	13.11	574.82	0.00	0.30	0.01	28.0	0.0	559.8	No
YORK26	Saluda River Energy Thermal Kem	Generator	482987.0	3869194.0	19.35	608.15	6.70	0.71	6.11				
YORK27	Saluda River Energy Sediver	Generator	482900.9	3869228.7	19.35	608.15	6.70	0.71	6.11				
YORK28	Atlas Copco Compressors, Inc	Test Booth (S1)	504879.0	3867296.0	13.01	399.82	59.53	0.15	1.03	30.2	53.5	603.1	No
YORK29	Atlas Copco Compressors, Inc	Test Booth (S2)	504879.0	3867296.0	1.98	703.71	0.00	0.12	1.03				
YORK30	Atlas Copco Compressors, Inc	Test Booth (S4a,b)	504879.0	3867296.0	13.11	399.82	24.59	0.20	1.12				
YORK31	Atlas Copco Compressors, Inc	Test Booth (S4c,d,e)	504879.0	3867296.0	13.11	399.82	71.32	0.15	1.73	14.3	21.7	285.3	No
YORK32	Atlas Copco Compressors, Inc.	S8 (T5) Tier IV Engines ONLY	502710.0	3868048.0	15.04	399.98	14.23	0.30	0.02				
YORK33	Atlas Copco Compressors, Inc.	S9 (T6) Tier IV Engines ONLY	502715.0	3868048.0	15.04	399.98	14.23	0.30	0.02				
YORK34	Granite Contracting, LLC	EP1-Mix Dryer	475506.0	3854668.0	9.45	410.93	26.05	1.06	20.30	34.5	88.9	690.1	No
YORK35	Boggs Materials	EU01 - Hot Mix Asphalt Plant	500292.0	3861606.0	7.10	394.26	25.79	1.25	23.20	11.3	101.6	226.3	No
YORK36	Site Prep, Inc. of North Carolina	EP04 - Portable Diesel Generator	479848.0	3874183.0	2.72	808.00	81.04	0.13	0.78	35.3	3.4	706.3	No
CHSTR1	Omnova (formerly Sequa Chemicals, Inc.)	321012 - Steam Boiler 1	482060.0	3839272.0	10.49	494.26	9.60	0.61	3.51				
CHSTR2	Omnova (formerly Sequa Chemicals, Inc.)	321022 - Steam Boiler 2	482060.0	3839276.0	10.49	494.26	9.60	0.61	3.51	32.5	30.7	649.0	No
CHSTR3	Chemtrade Performance Chemicals US, LLC	HYD-1RDM Reactor System	462939.5	3831700.7	39.93	295.37	0.00	1.22	6.83				
CHSTR4	Chemtrade Performance Chemicals US, LLC	SBS-SR01001 Sodium Bisulfate Plant	462808.5	3831589.7	9.14	288.71	0.00	0.02	3.73	52.9	--	--	--
CHSTR5	GAF Materials Corp	Main Stack - Dryer/RTO	488109.0	3841633.0	15.24	458.71	22.07	1.07	0.01				
CHSTR6	GAF Materials Corp	Roof Vents (combined)	488068.0	3841628.0	18.29	305.37	8.29	1.52	0.01	26.1	0.1	521.3	No
CHSTR7	Chester Wood Products, LLC	HFBS1 - hog fuel woodwaste boiler	486904.8	3843479.2	27.43	339.82	16.76	1.52	2.71				
CHSTR8	Chester Wood Products, LLC	VDS10 - Veneer Dryer 1,2,&3 Hot Zones & RTO/RCO	487047.9	3843507.2	13.72	419.82	13.00	1.47	0.02	26.0	26.6	520.5	No
CHSTR9	Chester Wood Products, LLC	PBS1 - Package Boiler 1	486706.8	3843483.2	9.88	449.82	0.00	0.61	1.67				
CHSTR10	Chester Wood Products, LLC	PBS2 - Package Boiler 2	486702.8	3843481.2	9.88	449.82	0.00	0.61	1.67				
CHSTR11	Guardian Industries	MELT1	499919.0	3840786.0	78.33	416.48	5.55	2.59	150.00	18.1	657.0	361.4	Yes
CHSTR12	Springs Industries-Leroy Plant	boiler 1	511285.0	3839888.0	9.30	477.59	10.42	0.61	39.80	15.9	336.1	318.4	Yes
CHSTR13	Springs Industries-Leroy Plant	boiler 2	511294.0	3839917.0	9.14	477.59	9.51	0.61	36.93				
CHSTR14	Kinro	heaters	481828.0	3845069.0	7.01	755.37	0.00	0.15	0.01	30.1	0.0	602.7	No
CHSTR15	PPG Industries, Inc.	Furnace (SO14)	487426.0	3842977.0	30.18	588.71	10.83	1.07	24.80				
CHSTR16	PPG Industries, Inc.	Furnace Refiner (SO14A)	487425.0	3842977.0	30.18	533.15	4.40	0.61	0.00	26.0	108.6	519.0	No
CHSTR17	Coatex & Polycryl L.L.C.	B1 - Boiler A	487282.8	3840264.2	10.06	508.15	15.97	0.41	0.00				
CHSTR18	Coatex & Polycryl L.L.C.	B2 - Boiler B	487473.8	3840272.2	10.06	508.15	15.97	0.41	0.00	27.3	0.3	546.9	No
CHSTR19	Coatex	B3 - Boiler C	487282.8	3840248.2	10.10	500.93	8.99	0.61	0.01				
CHSTR20	Coatex	CD-710 SO2 Scrubber (EP-310)	487269.8	3840239.2	6.10	349.82	18.30	0.15	0.04				
CHSTR21	Allvac - Richburg	Furnace 1&4	501557.0	3839202.4	11.31	477.04	1.10	0.57	0.01				
CHSTR22	Allvac - Richburg	Furnace 2,3,6&7	501519.0	3839180.4	11.31	477.04	1.10	0.57	0.01				
CHSTR23	Allvac - Richburg	Annealing Furnace	501627.0	3839291.4	15.24	477.04	13.81	0.51	0.01	18.6	0.1	372.1	No
CHSTR24	Allvac - Richburg	Furnace B6	501210.0	3838843.4	12.19	477.04	1.20	0.91	0.01				
CHSTR25	American Carbon Technologies	Stack 1	487408.8	3840726.2	25.30	324.82	8.00	0.93	1.93	27.1	8.5	542.9	No

South Carolina Offsite Inventory

Model Source ID	Facility	Source	UTM Zone 17 NAD83		Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	Permitted SO ₂ Emissions (lb/hr)	Distance from Catawba Mill (km)	Facility-Wide SO ₂ Emissions (tpy)	20D	Emissions greater than 20D?
			Easting (m)	Northing (m)									
CHSTR26	DRA Inc.	SBH3	503091.1	3839141.4	16.70	365.93	12.80	0.97	0.01	18.0	26.8	360.4	No
CHSTR27	DRA Inc.	SPC1	502962.1	3839060.4	25.30	413.15	16.09	1.93	2.69				
CHSTR28	DRA Inc.	SCP2	502363.1	3839035.4	25.30	413.15	16.09	1.93	2.69				
CHSTR29	DRA Inc.	Eng1	502341.1	3839109.4	2.44	865.93	14.81	0.23	0.15				
CHSTR30	DRA Inc.	Eng2	502367.1	3839034.4	2.44	865.93	14.81	0.23	0.15				
CHSTR31	DRA Inc.	Eng3	502365.1	3839063.4	2.44	865.93	14.81	0.23	0.15				
CHSTR32	DRA Inc.	Eng4	503023.1	3839036.4	2.44	865.93	14.81	0.23	0.15				
CHSTR33	DRA Inc.	Eng5	503020.1	3839071.4	2.44	865.93	14.81	0.23	0.15				
CHSTR34	Southern Petroleum Co	H1 - Hot Oil Heater	487816.0	3842569.0	8.23	713.71	3.87	0.67	10.47	25.8	45.8	516.4	No
CHSTR35	IBHS	WFS1 - Wildlife Simulation	504520.0	3835102.0	5.36	297.59	0.00	17.62	2.64	21.4	11.6	427.9	No
CHSTR36	Jones-Hamilton Co.	G - CD-S2510 Venturi Scrubber SBS Spray Tower and 1 MMBTU/hr NG Heater)	502750.0	3839200.0	36.58	294.26	16.18	1.32	0.00	18.1	0.0	362.0	No
CHSTR37	Edgemoor Compressor Station	Compressor E-1	504435.0	3850657.0	13.72	706.48	13.46	1.22	0.03	7.5	1.5	150.9	No
CHSTR38	Edgemoor Compressor Station	Compressor E-2	504427.0	3850678.0	7.62	793.71	18.34	0.61	0.10				
CHSTR39	Edgemoor Compressor Station	Compressor E-3	504427.0	3850698.0	7.62	793.71	18.34	0.61	0.10				
CHSTR40	Edgemoor Compressor Station	Compressor E-4	504427.0	3850704.0	7.62	793.71	18.34	0.61	0.10				
CHSTR41	Sun Fiber LLC	Boiler	495898.0	3846029.0	10.67	449.82	0.00	0.61	1.37	17.1	6.0	342.9	No
CHSTR42	GITI Tire Manufacturing (USA), LTD	BLR1	496324.0	3843358.0	12.19	394.26	9.14	0.91	0.03	18.5	0.6	369.4	No
CHSTR43	GITI Tire Manufacturing (USA), LTD	BLR2	496330.0	3843357.0	12.19	394.26	9.14	0.91	0.03				
CHSTR44	GITI Tire Manufacturing (USA), LTD	BLR3	496335.0	3843357.0	12.19	394.26	9.14	0.91	0.03				
CHSTR45	GITI Tire Manufacturing (USA), LTD	HTR100B-1	496235.0	3842989.0	14.33	327.59	0.00	0.15	0.02				
CHSTR46	GITI Tire Manufacturing (USA), LTD	HTR350A	496241.0	3843384.0	14.33	327.59	0.00	0.15	0.01				
CHSTR47	GITI Tire Manufacturing (USA), LTD	HTR350B	496241.0	3843329.0	14.33	327.59	0.00	0.15	0.01				
LANCST1	Akzo Nobel	Boiler (EP39)	516336.0	3843238.0	16.15	463.71	6.73	0.46	4.26	14.0	18.7	280.4	No
LANCST2	Akzo Nobel	Reeco Stack (EP55)	516331.0	3843277.0	27.43	449.82	4.33	2.44	0.02				
LANCST3	Duracell	2 boilers	517520.0	3843156.0	7.62	366.48	0.01	0.38	0.04	14.7	0.2	294.0	No
LANCST4	Archer Daniels Midland (ADM)	EP-13 (grain dryer)	537996.0	3823621.0	17.68	338.71	1.27	5.46	0.01	42.6	616.2	851.6	No
LANCST5	Archer Daniels Midland (ADM)	EP-39	538041.0	3823749.0	37.80	435.93	4.69	1.22	140.67				
LANCST6	Supreme Cores	Shell Core Fugitive (SCFVS)	523500.0	3843158.0	7.01	255.37	0.00	0.00	0.00	18.5	0.0	369.8	No
LANCST7	Pressley's Recycling	BANDITENG	512849.0	3872132.0	3.81	755.37	77.62	0.15	0.01	16.6	1.4	331.9	No
LANCST8	Pressley's Recycling	CRUSHENG	513078.0	3872157.0	3.66	755.37	51.75	0.15	0.31				
LANCST9	Haile Gold Mine	PT15A - 335 hp Diesel Fired Sump Engine	541959.0	3826469.0	1.52	729.82	42.67	0.18	0.77	42.6	16.9	851.5	No
LANCST10	Haile Gold Mine	PT15B - 335 hp Diesel Fired Sump Engine	541857.0	3826413.0	1.52	729.82	42.67	0.18	0.77				
LANCST11	Haile Gold Mine	PT15C - 335 hp Diesel Fired Sump Engine	541756.0	3826357.0	1.52	729.82	42.67	0.18	0.77				
LANCST12	Haile Gold Mine	PT15D - 335 hp Diesel Fired Sump Engine	543246.0	3826677.0	1.52	729.82	42.67	0.18	0.77				
LANCST13	Haile Gold Mine	PT15E - 335 hp Diesel Fired Sump Engine	543164.0	3826636.0	1.52	729.82	42.67	0.18	0.77				
LANCST14	Haile Gold Mine	PT16-Natural Gas fired Thermal Fluid Heater	542788.0	3828633.0	6.74	533.15	9.30	0.61	0.01				
FAIR1	KoSa (Formerly Michelin)	RTO	492486.0	3802297.0	10.67	449.82	15.91	1.98	0.03				
FAIR2	Town of Winnsboro	generator 1&2	492347.5	3799131.8	5.49	719.26	0.00	0.25	3.04	59.3	--	--	--
FAIR3	SCE&G	CT1	469651.0	3791523.0	9.75	735.93	16.76	1.52	115.04	75.9	--	--	--
FAIR4	SCE&G	CT2	469631.0	3791514.0	9.75	735.93	16.76	1.52	115.04				
FAIR5	SCE&G	CT3	469621.0	3791512.0	10.36	777.59	24.32	1.52	135.24				
FAIR6	SCE&G	CT4	469600.0	3791503.0	10.36	777.59	24.32	1.52	135.24				
FAIR7	Advanced Dielectrics	#1	499857.5	3794441.7	12.01	573.15	14.84	1.00	0.02	62.2	--	--	--
FAIR8	AEC Pellet 1 USA	P1-RTO	489060.0	3812515.0	30.48	390.93	17.91	3.35	4.00	48.1	17.5	961.4	No
KERSHW1	Kendall Company	Boiler 2	537505.4	3790727.5	16.76	477.04	0.00	0.54	4.11	70.6	--	--	--
KERSHW2	Kendall Company	Boiler 3	537505.8	3790718.3	16.76	384.26	0.00	0.54	4.26				
KERSHW3	Ahlstrom Nonwoven	108 - Boiler #3	560756.4	3809198.0	21.31	454.82	6.83	1.37	81.48	68.7	--	--	--
KERSHW4	Ahlstrom Nonwoven	109A	560762.4	3809178.0	3.05	354.82	12.89	0.15	0.69				
KERSHW5	Ahlstrom Nonwoven	109E	560732.4	3809446.0	4.57	354.82	27.40	0.08	0.62				
KERSHW6	Ahlstrom Nonwoven	109F	560619.4	3809193.0	3.05	354.82	12.89	0.15	0.41				
KERSHW7	Ahlstrom Nonwoven	111B - HEF-3 Burners	560507.4	3809056.0	13.20	403.15	0.00	1.12	0.08				
KERSHW8	Invista	B6	531651.3	3788244.8	18.29	422.04	21.86	1.52	0.15	70.9	--	--	--
KERSHW9	Invista	B7	531655.3	3788240.8	18.29	422.04	21.86	1.52	0.15				
KERSHW10	Invista	B8	531660.3	3788235.8	18.29	422.04	21.86	1.52	0.15				
KERSHW11	Invista	P13	531658.3	3788157.8	60.96	444.26	9.66	3.35	0.19				
KERSHW12	Invista	PN1	531494.3	3788172.8	24.38	624.82	8.63	1.07	0.07				
KERSHW13	Invista	PN2_3A	531499.3	3788174.8	24.38	624.82	8.26	1.07	0.20				
KERSHW14	Unimin	WS01	525100.0	3783180.0	7.32	338.71	19.96	0.76	0.24	74.2	--	--	--
KERSHW15	Unimin	WS02	525100.0	3783180.0	24.38	338.71	14.17	1.22	0.19				

South Carolina Offsite Inventory

Model Source ID	Facility	Source	UTM Zone 17 NAD83		Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	Permitted SO ₂ Emissions (lb/hr)	Distance from Catawba Mill (km)	Facility-Wide SO ₂ Emissions (tpy)	20D	Emissions greater than 20D?
			Easting (m)	Northing (m)									
KERSHW16	Welchem US	SB1	521779.0	3777345.0	6.86	463.71	19.08	0.28	0.31	79.1	--	--	--
KERSHW17	Welchem US	SB2	521777.0	3777343.0	7.13	463.71	19.08	0.28	0.31				
KERSHW18	Welchem US	SB3	521765.0	3777336.0	5.55	463.71	16.15	0.30	3.08				
KERSHW19	Welchem US	SB4	521765.0	3777338.0	7.07	463.71	7.57	0.45	3.08				
KERSHW20	Welchem US	SB5	521771.0	3777356.0	7.16	463.71	12.44	0.45	4.37				
KERSHW21	Welchem US	SB7	521652.0	3777516.0	9.91	463.71	10.27	0.70	10.90				
KERSHW22	Welchem US	SB8	521657.0	3777519.0	9.91	463.71	10.27	0.70	1.09				
KERSHW23	Welchem US	SB9	521827.0	3777453.0	9.14	463.71	10.27	0.70	13.00				
KERSHW24	Welchem US	Thermal Oxidizer	521841.0	3777490.0	18.29	327.59	16.15	1.22	6.00				
KERSHW25	HBD Industries	Boiler 1	519881.3	3781915.6	9.75	470.93	2.68	0.52	10.60	74.5	--	--	--
KERSHW26	DeRoyal Textiles	Boiler 3	538003.4	3789045.0	19.81	473.00	13.70	0.41	14.10	72.4	--	--	--
KERSHW27	New South Lumber Co. Inc.	1001 ESP	542263.0	3798615.0	22.86	562.59	19.57	1.37	2.46	65.6	--	--	--
KERSHW28	New South Lumber Co. Inc.	KLN6_S1	542345.0	3798431.0	15.24	322.04	86.23	0.46	0.35				
KERSHW29	New South Lumber Co. Inc.	KLN6_S2	542382.0	3798466.0	15.24	322.04	86.23	0.46	0.35				
KERSHW30	Oak-Mitsui, Inc.	Boiler 1	533318.0	3789377.0	22.86	463.71	6.50	0.76	0.02	70.4	--	--	--
KERSHW31	Oak-Mitsui, Inc.	Boiler 2	533318.0	3789377.0	22.86	463.71	6.50	0.76	0.02				
KERSHW32	Prestage Farm	06	546735.0	3800849.0	13.72	323.15	20.59	0.25	0.00	66.1	--	--	--
KERSHW33	Prestage Farm	07	546735.0	3800849.0	7.62	500.93	0.00	0.56	0.01				
KERSHW34	Prestage Farm	20	546735.0	3800849.0	7.62	500.93	0.00	0.56	7.54				
KERSHW35	Kawashima Textile USA	Boiler 1	529638.0	3784321.0	14.17	507.59	8.88	0.52	0.52	74.1	--	--	--
KERSHW36	Kawashima Textile USA	Boiler 2	529638.0	3784321.0	14.17	507.59	8.88	0.52	0.52				
KERSHW37	Kawashima Textile USA	Boiler 3	529638.0	3784321.0	14.17	507.59	8.88	0.52	0.52				
KERSHW38	Kawashima Textile USA	Boiler 4	529638.0	3784321.0	14.17	507.59	8.88	0.52	0.52				
KERSHW39	Kawashima Textile USA	Greige Boiler	529638.0	3784321.0	12.19	505.37	9.75	0.43	0.43				
KERSHW40	Kawashima Textile USA	Greige Boiler	529638.0	3784321.0	12.19	505.37	9.75	0.43	0.43				
KERSHW41	Kawashima Textile USA	Tenter Frame #3	529638.0	3784321.0	3.05	323.15	0.00	0.61	0.01				
KERSHW42	Kawashima Textile USA	Tenter Frame #4	529638.0	3784321.0	3.35	449.82	0.00	0.61	0.01				
KERSHW43	PowerSecure, Inc.	Generator	529538.0	3784117.0	5.03	653.15	77.88	0.37	0.95				
KERSHW44	Shawmut	OXIDIZER(Oxidizer Stack)	529884.0	3784042.0	13.26	535.93	6.20	0.52	0.00	74.4	--	--	--
KERSHW45	Southern Felt	RTO	560681.4	3809053.0	12.19	468.71	20.27	0.82	0.16	68.9	--	--	--
KERSHW46	SRE Kershaw	B001-Boiler	543200.0	3795916.0	36.58	435.93	18.48	1.89	6.88	68.5	--	--	--
KERSHW47	Bethune Compressor Station - Carolina Gas Transmission	S-1	561659.0	3809190.0	7.62	720.37	7.70	0.61	0.01	69.6	--	--	--
KERSHW48	Bethune Compressor Station - Carolina Gas Transmission	S-2	561661.0	3809181.0	7.62	720.37	7.70	0.61	0.01				
KERSHW49	Bethune Compressor Station - Carolina Gas Transmission	S-3	561666.0	3809166.0	7.62	720.37	7.70	0.61	0.01				
KERSHW50	Bethune Compressor Station - Carolina Gas Transmission	S-4	561666.0	3809097.0	7.62	780.93	7.70	0.61	0.03				
CHTFLD1	Highland Industries	H2 - Boiler A	599546.0	3839801.0	8.84	449.82	0.01	0.51	0.01				
CHTFLD2	Highland Industries	H3 - Boiler B	599549.0	3839798.0	10.06	449.82	0.01	0.61	0.02	90.9	--	--	--
CHTFLD3	Highland Industries	H5 - Tenter Frame A	599520.0	3839779.0	9.75	360.93	0.01	0.55	0.00				
CHTFLD4	Highland Industries	H6 - Tenter Frame B	599494.0	3839794.0	16.15	362.04	0.01	0.46	0.01				
CHTFLD5	Highland Industries	Thermal Oxidizer H29	599495.0	3839768.0	16.15	1033.15	30.96	1.42	0.03				
CHTFLD6	Stanley Tools	Boiler 1	601821.0	3838366.0	9.45	449.82	10.32	0.36	4.24				
CHTFLD7	Stanley Tools	Boiler 2	601323.0	3838293.0	9.45	449.82	10.32	0.36	4.24	90.9	--	--	--
CHTFLD8	Chesterfield General Hospital	Boilers1&2	599532.0	3839866.0	8.23	477.59	8.14	0.30	3.55				
CHTFLD9	C. M. Tucker Lumber Co.	Kiln 1 (F03)	555406.1	3848574.1	10.67				0.19	46.0	1.8	919.2	No
CHTFLD10	C. M. Tucker Lumber Co.	Kiln 2 (F04)	555385.1	3848575.1	10.67				0.23				
CHTFLD11	A.O. Smith Water Products Co.	B001AS	569152.0	3816234.0	10.36	435.93	11.00	0.41	0.01	71.0	--	--	--
CHTFLD12	A.O. Smith Water Products Co.	P008AS	569342.0	3816297.0	13.11	504.82	15.50	0.61	0.01				
CHTFLD13	A.O. Smith Water Products Co.	V003AS	569137.0	3816421.0	7.62	444.26	10.15	0.52	0.01				
CHTFLD14	A.O. Smith Water Products Co.	V003BS	569135.0	3816417.0	6.95	444.26	10.15	0.82	0.01				
CHTFLD15	A.O. Smith Water Products Co.	V004AS	569185.0	3816394.0	11.70	699.82	7.92	1.07	0.00				
CHTFLD16	A.O. Smith Water Products Co.	V004BS	569183.0	3816400.0	11.70	449.82	7.32	0.98	0.00				
CHTFLD17	A.O. Smith Water Products Co.	V004CS	569191.0	3816398.0	11.70	422.04	12.19	0.85	0.00				
CHTFLD18	A.O. Smith Water Products Co.	V004DS	569196.0	3816395.0	11.70	422.04	12.19	0.85	0.00				
CHTFLD19	TALLEY METALS TECHNOLOGY, INC.	BOILERS 1 AND 2 (stk 8)	576347.3	3810356.0	10.70	477.59	0.00	0.61	0.01				
CHTFLD20	Talley Metals Technology	Soaking Furnace (stk 22)	576398.3	3810338.0	14.02	1033.15	11.62	1.07	0.01				
CHTFLD21	Talley Metals Technology, Inc.	Boiler 3 (stk 13)	576344.3	3810358.0	12.19	1033.15	11.62	0.56	0.01				
CHTFLD22	Talley Metals Technology, Inc.	HTF-7 (stk 19)	576372.3	3810341.0	10.67	588.71	0.00	1.22	0.01				
CHTFLD23	Talley Metals Technology, Inc.	Coil Acid Tank 3-5(stk 5)	576344.3	3810355.0	10.70	294.26	25.39	1.22	0.00	80.4	--	--	--
CHTFLD24	Talley Metals Technology, Inc.	Coil Acid Tank 5-8(stk 12)	576342.3	3810352.0	13.72	294.26	16.31	1.52	0.00				
CHTFLD25	Talley Metals Technology, Inc.	HT Furnaces 1-6(stk 18)	576415.3	3810331.0	14.02	539.82	11.62	1.07	0.21				
CHTFLD26	Talley Metals Technology, Inc.	HTF 8, RH Furnace 1(stk 31)	576385.3	3810371.0	12.19	690.37	11.62	1.07	0.02				
CHTFLD27	Talley Metals Technology, Inc.	HTF 8 (Stack 23)	576372.3	3810320.0	24.38	692.04	0.00	0.51	0.01				
CHTFLD28	Talley Metals Technology, Inc.	RHF 2, BBU 2, CBU 1-2(stk 32)	576386.3	3810368.0	12.19	690.37	11.62	1.07	0.01				

South Carolina Offsite Inventory

Model Source ID	Facility	Source	UTM Zone 17 NAD83		Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	Permitted SO ₂ Emissions (lb/hr)	Distance from Catawba Mill (km)	Facility-Wide SO ₂ Emissions (tpy)	20D	Emissions greater than 20D?
			Easting (m)	Northing (m)									
CHTFLD29	E85	Boiler 1	647107.6	3804894.8	9.14	422.04	13.26	1.83	0.40	146.2	--	--	--
CHTFLD30	E85	Boiler 2	647097.8	3804897.8	9.14	422.04	13.26	1.83	0.40				
CHTFLD31	E85	Dryer 1	647090.7	3804999.8	24.99	383.15	20.51	1.37	0.25				
CHTFLD32	E85	Dryer 2	647079.1	3804963.8	24.99	383.15	20.51	1.37	0.25				
CHTFLD33	Circle S Ranch	D1-CYCLONE 1	557697.0	3842252.0	55.60	277.59	60.93	6.19	0.50	49.6	4.8	991.7	No
CHTFLD34	Circle S Ranch	D2-CYCLONE 2	557709.0	3842253.0	55.18	278.71	60.93	5.36	0.60	85.9	--	--	--
CHTFLD35	Marsh Farms	Gasifier	595449.0	3846739.0	7.32	477.59	6.58	0.51	1.47				
CHTFLD36	Fiber Fuels, LLC	Dryer D1-02	555075.0	3834651.0	9.14	357.43	5.29	0.76	1.00	49.8	4.4	995.8	No
CHTFLD37	CR Jackson	Asphalt Plant Production	549987.0	3839459.0	9.14	422.04	26.29	1.16	19.37	43.2	84.8	863.9	No
CHTFLD38	Martin Marietta	DIESEL1	555571.9	3837514.9	3.05	769.26	111.86	0.13	1.15	49.1	18.6	981.4	No
CHTFLD39	Martin Marietta	DIESEL2	555588.9	3837543.9	3.05	769.26	111.86	0.13	1.15				
CHTFLD40	Martin Marietta	DIESEL3	555548.9	3837506.9	3.05	769.26	111.86	0.13	0.65				
CHTFLD41	Martin Marietta	DIESEL4	555601.9	3837514.9	3.05	769.26	111.86	0.13	0.65				
CHTFLD42	Martin Marietta	GENERATOR	555531.9	3837506.9	3.05	769.26	111.86	0.13	0.65	42.4	101.6	847.2	No
CHTFLD43	Boggs Paving, Inc	EP1	549481.1	3840449.9	9.14	388.71	28.41	1.22	23.20				

North Carolina Offsite Inventory

Model Source ID	Facility	Source	UTM Zone 17 NAD83		Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	Actual SO2 Emissions (tpy)	Distance from Catawba Mill (km)	Facility-Wide SO2 Emissions (tpy)	20D	Emissions greater than 20D?				
			Easting (m)	Northing (m)													
GASTON1	Duke Energy Carolinas, LLC - Allen Steam Station	CS125	499220.0	3893869.0	111.25	322.04	16.76	8.99	915.76	39.6	1718.2	791.6	Yes				
GASTON2	Duke Energy Carolinas, LLC - Allen Steam Station	CS34	499220.0	3893869.0	111.25	322.04	16.76	8.99	802.34								
GASTON3	Duke Energy Carolinas, LLC - Allen Steam Station	ES-6 Stack	499220.0	3893869.0	9.14	366.48	53.34	0.61	0.09								
GASTON4	Duke Energy Carolinas, LLC - Allen Steam Station	ES-7EmGenEP	499220.0	3893869.0	4.56	699.80	20.33	0.46	0.01	46.3	0.0	926.0	No				
GASTON5	Spartan Dyers, Inc., Sterling Division	CB-1	497202.0	3900281.0	19.20	477.59	3.10	1.52	0.02								
GASTON6	FMC Corporation - Lithium Division	EP-EMGEN	472175.0	3903986.0	3.05	810.93	18.29	0.23	0.01								
GASTON7	FMC Corporation - Lithium Division	EP-LHC04	472175.0	3903986.0	24.38	316.48	15.76	1.22	0.01	61.3	--	--	--				
GASTON8	FMC Corporation - Lithium Division	EP-UB3	472175.0	3903986.0	19.05	560.93	12.89	1.22	0.05								
GASTON9	FMC Corporation - Lithium Division	EP-UB4	472175.0	3903986.0	21.34	560.93	10.10	1.22	0.05								
GASTON10	Modern Polymers, Inc.	RP1	464385.0	3914327.0	7.62	449.82	6.10	0.61	0.02	74.2	--	--	--				
GASTON11	Gaston College	EP2	482539.0	3907102.0	5.79	527.59	10.49	0.51	0.01	58.2	--	--	--				
GASTON12	Gaston County Landfill - Hardin Site	ERP-3	484316.0	3915969.0	7.62	533.15	18.25	0.25	0.35	65.4	--	--	--				
GASTON13	Gaston County Landfill - Hardin Site	ERP-4	484316.0	3915969.0	7.62	533.15	18.28	0.10	0.35								
GASTON14	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	16-2	479579.0	3903524.0	8.32	395.37	6.10	0.30	0.00	56.6	--	--	--				
GASTON15	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	2-1	479579.0	3903524.0	8.53	478.15	8.84	0.30	0.00								
GASTON16	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	30-1	479579.0	3903524.0	7.62	480.93	8.84	0.30	0.00								
GASTON17	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	32-2	479579.0	3903524.0	9.75	422.04	15.16	0.24	0.00								
GASTON18	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	40-2	479579.0	3903524.0	8.53	333.15	18.90	0.40	0.00								
GASTON19	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	53-2	479579.0	3903524.0	9.14	428.15	15.24	0.30	0.00								
GASTON20	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	58	479579.0	3903524.0	7.92	478.15	7.92	0.30	0.00								
GASTON21	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	6-2	479579.0	3903524.0	8.53	480.37	8.84	0.30	0.00								
GASTON22	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	8-5	479579.0	3903524.0	10.61	468.15	6.71	0.30	0.00								
GASTON23	Affinia Group, Inc., Wix Filtration Corp. - Allen Plant	WH	479579.0	3903524.0	7.92	449.82	6.71	0.30	0.00								
GASTON24	CaroMont Regional Medical Center	B2	487399.0	3903046.0	8.53	305.37	15.24	0.61	0.01					52.4	--	--	--
GASTON25	CaroMont Regional Medical Center	B3	487399.0	3903046.0	8.53	305.37	15.24	0.61	0.01								
GASTON26	CaroMont Regional Medical Center	B4	487399.0	3903046.0	8.53	305.37	15.24	0.61	0.01	51.9	--	--	--				
GASTON27	Chemtura Corporation	ERP-14	482916.0	3900008.0	3.05	295.37	0.06	0.30	0.06								
GASTON28	Chemtura Corporation	ERP-Boiler	482916.0	3900008.0	11.89	485.93	7.18	0.46	0.01								
GASTON29	Daimler Trucks North America, LLC	I-1	481384.0	3904788.0	3.05	310.93	0.06	0.30	0.02	56.7	--	--	--				
GASTON30	Daimler Trucks North America, LLC	I-2	481384.0	3904788.0	3.05	295.37	0.06	0.30	0.01								
GASTON31	Daimler Trucks North America, LLC	I-E2	481384.0	3904788.0	9.75	394.26	7.33	0.30	0.00								
GASTON32	Daimler Trucks North America, LLC	I-E3	481384.0	3904788.0	10.97	394.26	1.86	0.76	0.00								
GASTON33	Daimler Trucks North America, LLC	I-E4	481384.0	3904788.0	10.97	394.26	1.86	0.76	0.00	48.9	0.2	978.9	No				
GASTON34	Lubrizol Advanced Materials, Inc.	ERP- Emerg Gen	480958.0	3895188.0	3.66	394.26	60.96	0.30	0.20								
GASTON35	Lubrizol Advanced Materials, Inc.	ERP-Boiler #1	480958.0	3895188.0	5.49	727.59	7.62	0.61	0.01								
GASTON36	Lubrizol Advanced Materials, Inc.	ERP-Boiler #2	480958.0	3895188.0	5.49	727.59	7.62	0.61	0.01	56.9	--	--	--				
GASTON37	Powder Coating Services, Inc.	NG	478535.0	3903245.0	3.05	327.59	30.48	0.20	0.01								
GASTON38	Stabilus, Inc.	EP-B1	481711.0	3904691.0	7.32	588.71	16.15	0.46	0.00	56.5	--	--	--				
GASTON39	Stabilus, Inc.	EP-PCO	481711.0	3904691.0	9.75	588.71	14.02	0.40	0.00								
GASTON40	Stabilus, Inc.	EP-SN1-C	481711.0	3904691.0	9.75	588.71	13.72	0.40	0.00								
GASTON41	Valley Proteins, Inc. dba Carolina By-Products - Gastonia	EP-15	482333.0	3891548.0	22.86	499.82	13.96	0.76	8.23	45.2	8.9	904.2	No				
GASTON42	Valley Proteins, Inc. dba Carolina By-Products - Gastonia	EP-2	482333.0	3891548.0	22.86	499.82	16.82	0.91	0.10								
GASTON43	Valley Proteins, Inc. dba Carolina By-Products - Gastonia	EP-3	482333.0	3891548.0	22.86	499.82	13.72	0.76	0.51								
GASTON44	Valley Proteins, Inc. dba Carolina By-Products - Gastonia	ES-1	482333.0	3891548.0	22.86	499.82	13.96	0.76	0.01								
GASTON45	Firestone Fibers and Textiles Company, Kings Mountain Plant	EP-RO	470897.0	3898542.0	10.67	530.37	13.56	1.22	0.01	57.9	--	--	--				
GASTON46	Hi Tex, Inc. DBA Crypton Fabrics	ERP-1	470491.0	3903114.0	10.06	322.04	9.46	1.04	0.01	61.6	--	--	--				
GASTON47	Hi Tex, Inc. DBA Crypton Fabrics	ERP-2	470491.0	3903114.0	10.97	322.04	20.13	0.91	0.01								
GASTON48	Pharr Yarns Complex 46	F-1	491990.0	3903291.0	15.09	394.26	9.14	0.76	0.01	49.6	0.0	0.0	No				
GASTON49	Pharr Yarns Complex 46	F-2	491990.0	3903291.0	15.70	422.04	10.36	0.76	0.01								
GASTON50	Pharr Yarns Complex 46	F-3	491990.0	3903291.0	15.09	388.71	8.23	0.76	0.01								
GASTON51	Pharr Yarns, LLC - I85 Complex	RP-1	492657.0	3902259.0	16.75	463.71	7.32	0.61	0.04								

North Carolina Offsite Inventory

Model Source ID	Facility	Source	UTM Zone 17 NAD83		Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	Actual SO2 Emissions (tpy)	Distance from Catawba Mill (km)	Facility-Wide SO2 Emissions (tpy)	20D	Emissions greater than 20D?
			Easting (m)	Northing (m)									
GASTON52	American & Efrid Plants #5 & #15	EP-1	498926.0	3905082.0	10.67	472.04	16.92	0.61	0.35	50.5	--	--	--
GASTON53	American & Efrid Plants #5 & #15	EP-3	498926.0	3905082.0	12.80	567.04	6.11	1.22	0.01				
GASTON54	American & Efrid Plants #5 & #15	EP-4	498926.0	3905082.0	13.41	505.37	12.78	0.49	0.06				
GASTON55	Daimler Trucks North America, LLC - Mt. Holly Plant	EP-BLR-02	499800.0	3908584.0	16.46	452.59	17.82	0.61	0.61	53.8	--	--	--
GASTON56	Daimler Trucks North America, LLC - Mt. Holly Plant	EP-BLR-05	499800.0	3908584.0	16.46	452.59	17.82	0.61	0.61				
GASTON57	Daimler Trucks North America, LLC - Mt. Holly Plant	ERP-7	499800.0	3908584.0	3.05	295.37	0.06	0.30	0.02				
GASTON58	Daimler Trucks North America, LLC - Mt. Holly Plant	SCAO - represen	499800.0	3908584.0	13.11	297.04	9.14	0.91	0.03	56.5	--	--	--
GASTON59	Georgia-Pacific Mt. Holly, LLC	02	494277.0	3910096.0	11.89	394.26	8.23	0.64	0.01				
GASTON60	Georgia-Pacific Mt. Holly, LLC	03	494277.0	3910096.0	11.89	394.26	7.51	0.64	0.01				
GASTON61	Georgia-Pacific Mt. Holly, LLC	04	494277.0	3910096.0	11.89	394.26	6.55	0.64	0.01				
GASTON62	Georgia-Pacific Mt. Holly, LLC	ARU	494277.0	3910096.0	3.05	295.37	0.06	0.30	0.01				
GASTON63	Georgia-Pacific Mt. Holly, LLC	B1	494277.0	3910096.0	16.46	472.04	14.03	0.67	0.02				
GASTON64	Georgia-Pacific Mt. Holly, LLC	B2	494277.0	3910096.0	16.46	472.04	10.49	0.67	0.02				
GASTON65	Georgia-Pacific Mt. Holly, LLC	SDF4	494277.0	3910096.0	16.89	302.59	12.41	1.26	0.02				
GASTON66	Georgia-Pacific Mt. Holly, LLC	SDF5	494277.0	3910096.0	16.92	302.59	17.98	1.26	0.02				
GASTON67	New NGC, Inc. d/b/a National Gypsum Company	PTE006	500133.0	3908808.0	26.67	366.48	20.12	1.75	0.08				
GASTON68	New NGC, Inc. d/b/a National Gypsum Company	PTE010	500133.0	3908808.0	32.08	433.15	8.53	1.28	0.04				
GASTON69	New NGC, Inc. d/b/a National Gypsum Company	PTE011	500133.0	3908808.0	32.08	433.15	8.53	1.28	0.04				
GASTON70	New NGC, Inc. d/b/a National Gypsum Company	PTE012	500133.0	3908808.0	32.08	433.15	8.53	1.28	0.04				
GASTON71	New NGC, Inc. d/b/a National Gypsum Company	PTE019	500133.0	3908808.0	16.76	348.71	13.08	2.39	0.24				
UNION1	Hudson Bros. Trailer Mfg., Inc.	A	539760.0	3890374.0	7.32	338.71	0.30	0.30	0.00	45.6	0.0	912.6	No
UNION2	Hudson Bros. Trailer Mfg., Inc.	B	539760.0	3890374.0	5.49	338.71	0.30	0.30	0.00				
UNION3	Hudson Bros. Trailer Mfg., Inc.	C	539760.0	3890374.0	5.49	338.71	0.30	0.30	0.00				
UNION4	Radiator Specialty Company	Boilers	531682.0	3879683.0	6.10	533.15	19.01	0.53	4.63	32.3	4.6	645.4	No
UNION5	Bakery Feeds	EP-01	555192.0	3871404.0	30.48	388.71	17.46	1.22	0.80	47.8	1.6	956.4	No
UNION6	Bakery Feeds	EP-04	555192.0	3871404.0	30.48	388.71	27.43	1.22	0.80				
UNION7	Bakery Feeds	EP-07	555192.0	3871404.0	9.14	505.37	4.36	0.41	0.01				
UNION8	Carolina Wood Products of Marshville, Inc.	FUG-1	557977.0	3869138.0	3.05	295.37	0.06	0.30	0.08	49.8	0.1	996.1	No
UNION9	Edwards Wood Products, Inc.	WBEP-2C	554250.0	3876940.0	10.67	505.37	11.70	0.88	0.71	49.1	0.7	981.0	No
UNION10	Archer Daniels Midland Company, Golden Grains & Feeds, Inc.	4	547432.0	3871064.0	2.13	394.26	0.30	0.15	0.05	40.4	0.1	808.7	No
UNION11	ATI Specialty Materials - Bakers Plant	ERP-F	535245.0	3875278.0	5.49	1255.37	1.55	0.15	0.10	31.9	1.8	638.0	No
UNION12	ATI Specialty Materials - Bakers Plant	ERP-PSG	535245.0	3875278.0	4.11	644.26	44.07	0.39	1.70				
UNION13	ATI Specialty Materials - Monroe Plant	Furn	544420.0	3871185.0	6.10	838.71	1.91	0.70	0.32				
UNION14	ATI Specialty Materials - Monroe Plant	GR3	544420.0	3871185.0	7.24	838.71	15.70	1.52	3.07	37.7	3.4	754.2	No
UNION15	ATI Specialty Materials - Monroe Plant	P35	544420.0	3871185.0	3.05	366.48	3.05	0.15	0.01				
UNION16	Boggs Paving-Concord Highway	ERP-1	541824.0	3874507.0	9.05	394.26	25.53	1.17	3.34				
UNION17	Charlotte Pipe and Foundry Company - Plastics Division	EP-fug	534967.0	3876611.0	3.05	297.04	0.06	0.30	0.02	36.9	3.3	738.5	No
UNION18	Consolidated Metco, Inc.	EP1	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00	34.5	0.1	690.2	No
UNION19	Consolidated Metco, Inc.	EP10	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION20	Consolidated Metco, Inc.	EP11	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION21	Consolidated Metco, Inc.	EP12	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION22	Consolidated Metco, Inc.	EP13	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION23	Consolidated Metco, Inc.	EP14	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION24	Consolidated Metco, Inc.	EP15	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION25	Consolidated Metco, Inc.	EP16	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION26	Consolidated Metco, Inc.	EP17	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION27	Consolidated Metco, Inc.	EP18	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION28	Consolidated Metco, Inc.	EP19	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.01				
UNION29	Consolidated Metco, Inc.	EP2	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION30	Consolidated Metco, Inc.	EP20	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION31	Consolidated Metco, Inc.	EP21	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION32	Consolidated Metco, Inc.	EP3	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION33	Consolidated Metco, Inc.	EP4	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION34	Consolidated Metco, Inc.	EP5	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION35	Consolidated Metco, Inc.	EP6	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION36	Consolidated Metco, Inc.	EP7	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION37	Consolidated Metco, Inc.	EP8	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION38	Consolidated Metco, Inc.	EP9	540050.0	3872744.0	7.32	735.93	0.40	1.22	0.00				
UNION39	Decore-alive Specialties, Inc.	ERP-IES-11	545982.0	3872100.0	2.13	704.26	72.22	0.34	0.12	39.5	0.1	790.2	No

North Carolina Offsite Inventory

Model Source ID	Facility	Source	UTM Zone 17 NAD83		Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	Actual SO2 Emissions (tpy)	Distance from Catawba Mill (km)	Facility-Wide SO2 Emissions (tpy)	20D	Emissions greater than 20D?
			Easting (m)	Northing (m)									
UNION40	DUCO-SCI, Inc.	K16-1	547161.0	3871113.0	8.72	533.15	14.37	0.46	0.02	40.2	0.1	804.0	No
UNION41	DUCO-SCI, Inc.	K16-2	547161.0	3871113.0	8.72	533.15	14.37	0.46	0.02				
UNION42	DUCO-SCI, Inc.	K16-3	547161.0	3871113.0	8.72	533.15	14.37	0.46	0.02				
UNION43	DUCO-SCI, Inc.	K5-1	547161.0	3871113.0	10.36	341.48	0.05	0.34	0.00				
UNION44	DUCO-SCI, Inc.	K5-2	547161.0	3871113.0	9.75	352.59	0.09	0.15	0.00				
UNION45	DUCO-SCI, Inc.	K5-3	547161.0	3871113.0	10.36	380.37	0.09	0.30	0.00				
UNION46	Forterra Brick East, LLC - Monroe Facility	EP-12	534469.0	3877827.0	26.21	477.59	16.00	1.42	12.30	32.9	12.3	658.7	No
UNION47	NC Municipal Power Agency No.1-Monroe Ashcraft Facility	ES-1	545083.0	3871404.0	13.72	768.15	49.85	1.68	0.07	38.4	0.1	768.1	No
UNION48	NC Municipal Power Agency No.1-Monroe Ashcraft Facility	ES-2	545083.0	3871404.0	13.72	768.15	49.85	1.68	0.07				
UNION49	OMNOVA Solutions, Inc.	EP2	535903.0	3875850.0	9.14	499.82	15.24	1.22	0.02	32.8	0.0	655.4	No
UNION50	Tyson Foods, Inc., Monroe Processing Plant and Feed Mill	ERP-BO2	546138.0	3870916.0	18.29	533.15	21.15	0.50	0.01	39.2	0.8	783.6	No
UNION51	Tyson Foods, Inc., Monroe Processing Plant and Feed Mill	ERP-BO3	546138.0	3870916.0	18.29	533.15	21.15	0.50	0.01				
UNION52	Tyson Foods, Inc., Monroe Processing Plant and Feed Mill	ERP-FM01	546138.0	3870916.0	8.23	477.59	8.39	0.51	0.01				
UNION53	Tyson Foods, Inc., Monroe Processing Plant and Feed Mill	ERP-FM02	546138.0	3870916.0	8.23	519.26	12.71	0.43	0.01				
UNION54	Tyson Foods, Inc., Monroe Processing Plant and Feed Mill	ERP-GR1	546138.0	3870916.0	4.57	538.71	10.49	0.51	0.49				
UNION55	Tyson Foods, Inc., Monroe Processing Plant and Feed Mill	ERP-GR2	546138.0	3870916.0	18.29	310.93	6.25	0.85	0.02				
UNION56	Tyson Foods, Inc., Monroe Processing Plant and Feed Mill	ERP-IES-L2	546138.0	3870916.0	6.10	785.93	144.88	0.08	0.14				
UNION57	Tyson Foods, Inc., Monroe Processing Plant and Feed Mill	ERP-IES-L3	546138.0	3870916.0	1.52	732.59	53.61	0.08	0.14				
UNION58	Yale Security Inc., Norton Door Controls	EP1-IES13	546857.0	3870565.0	3.05	777.59	9.14	0.20	0.05	39.7	0.2	794.3	No
UNION59	Yale Security Inc., Norton Door Controls	EP2-IES13	546857.0	3870565.0	3.05	777.59	9.14	0.20	0.05				
UNION60	Yale Security Inc., Norton Door Controls	EP-IES83	546857.0	3870565.0	3.05	777.59	9.14	0.25	0.12				
UNION61	Pilgrim's Pride Corporation - Wingate Feed Mill	ERP-5	548633.0	3871110.0	10.67	519.26	12.34	0.61	0.03	41.6	0.0	831.3	No

Mecklenburg County, NC Offsite Inventory

Model Source ID	Facility	UTM Zone 17 NAD83		Distance from Catawba Mill (km)	Facility-Wide SO2 Emissions (tpy)	20D	Emissions greater than 20D?
		Easting (m)	Northing (m)				
MECK1	Adams - Charlotte Reames Road	515345.5	3912397.1	56.9	--	--	--
MECK2	ADM Milling Company	514411.2	3899356.0	43.8	0.01	875.9	No
MECK3	ALSCO, Inc.	509281.8	3894214.4	38.4	0.00	768.7	No
MECK4	ALSCO, INC.	515089.0	3899562.6	44.1	0.01	881.4	No
MECK5	Associated Asphalt Charlotte, LLC	505472.7	3887066.1	31.6	0.02	632.1	No
MECK6	Barnhardt Manufacturing Company	516694.6	3897867.3	42.6	0.30	852.2	No
MECK7	Black Rock Crushing	509308.7	3885795.6	30.0	0.26	600.3	No
MECK8	Blythe Brothers Asphalt Company, LLC	509522.5	3885937.4	30.2	0.19	603.1	No
MECK9	Blythe Construction, Inc. - East Plant	525445.2	3887366.7	35.2	0.01	703.1	No
MECK10	Blythe Construction, Inc. - North Plant	515369.2	3911799.7	56.3	--	--	--
MECK11	Blythe Construction, Inc. - Pineville	509308.7	3885795.6	30.0	0.01	600.3	No
MECK12	BoA Corporate Center - Charlotte Site	514356.2	3898266.7	42.7	1.76	854.1	No
MECK13	Brenntag Mid-South, Inc	503714.6	3886930.8	31.8	0.01	635.4	No
MECK14	Caraustar Carolina Carton	510859.1	3886462.1	30.7	--	--	--
MECK15	Cargill, Inc.	511184.3	3891865.1	36.1	0.10	722.0	No
MECK16	Carolinas HealthCare System Pineville	511702.0	3883214.5	27.5	0.05	549.6	No
MECK17	Carolinas Medical Center	514686.7	3895590.6	40.1	0.13	801.6	No
MECK18	Ceramco-Printech, Inc.	507580.0	3885627.6	29.9	2.31	598.8	No
MECK19	Charlotte Douglas International Airport	505114.6	3897599.9	42.1	0.03	842.0	No
MECK20	Charlotte Pipe & Foundry Company, Inc.	512669.4	3897847.0	42.1	11.28	842.9	No
MECK21	Charlotte Water: Mallard Creek WRF	527032.3	3910851.2	57.6	--	--	--
MECK22	C & M Recycling, Inc.	515073.7	3903199.8	47.7	4.06	953.7	No
MECK23	C-MUD: Franklin Water Treatment Plant	509972.2	3903885.5	48.1	0.00	962.0	No
MECK24	C-MUD: Lee S. Dukes, Jr. Water Plant	509640.5	3920632.8	64.8	--	--	--
MECK25	Coca-Cola Bottling Co. Consolidated (Snyder)	510608.6	3904640.4	48.9	0.01	977.2	No
MECK26	Concrete Supply Co., LLC -Airport Central Mix Port	506266.2	3895500.1	39.9	0.00	797.8	No
MECK27	Concrete Supply Co., LLC - Croft	515512.4	3910542.8	55.0	--	--	--
MECK28	Concrete Supply Co., LLC - North	518390.3	3901250.9	46.2	0.01	924.7	No
MECK29	Concrete Supply Co., LLC - Reames Road	515424.9	3912422.3	56.9	--	--	--
MECK30	Concrete Supply Co., LLC - South	510740.1	3891520.8	35.7	0.01	714.9	No
MECK31	Concrete Supply Co., LLC - West	511791.7	3901207.6	45.5	0.01	909.1	No
MECK32	Coveris Advanced Coatings US, L.L.C.	526591.5	3885977.3	34.5	0.07	689.0	No
MECK33	Davidson College	513822.4	3928450.8	72.8	--	--	--
MECK34	D.H. Griffin Wrecking Co.	515122.2	3911966.6	56.4	--	--	--
MECK35	Duke Energy - McGuire Nuclear Station	504671.9	3920986.5	65.4	--	--	--
MECK36	Emerald Carolina Chemical, LLC	501616.7	3899752.4	44.8	0.04	895.2	No
MECK37	Ferebee Asphalt Corp - Charlotte South Plant	508992.3	3885139.1	29.4	0.00	587.4	No
MECK38	Ferebee Asphalt Corporation- Statesville Rd. Plant	515238.1	3903177.8	47.7	0.63	953.6	No
MECK39	Forbo Movement Systems	504786.1	3886409.1	31.1	0.01	621.3	No
MECK40	Frito-Lay, Incorporated	505305.9	3885898.8	30.5	0.15	609.5	No
MECK41	General Steel Drum, LLC	511192.4	3893071.1	37.3	0.05	746.1	No
MECK42	Gerdau Long Steel North America - Charlotte Mill	515641.8	3910810.6	55.3	--	--	--
MECK43	G & K Services Charlotte Plant	502763.9	3888298.0	33.3	0.04	666.1	No
MECK44	IGM Resins Charlotte, Inc	503460.4	3888102.9	33.0	0.03	659.4	No
MECK45	InChem - Charlotte, LLC	501879.8	3886883.0	32.1	0.00	642.8	No
MECK46	Industrial Container Services -NC, LLC (Charlotte)	511931.5	3901081.7	45.3	0.02	906.7	No
MECK47	International Paper Company	509261.0	3903524.1	47.7	0.06	954.9	No
MECK48	Jenkins Electric Company	508789.8	3904405.5	48.6	0.01	972.7	No
MECK49	J.T. Russell & Sons, Inc.	534839.0	3898277.5	49.2	0.00	984.4	No
MECK50	JW Demolition, LLC	516312.7	3900113.2	44.8	0.00	895.5	No
MECK51	Lane (Arrowood)	507208.8	3884191.0	28.5	0.05	570.8	No

Mecklenburg County, NC Offsite Inventory

Model Source ID	Facility	UTM Zone 17 NAD83		Distance from Catawba Mill (km)	Facility-Wide SO2 Emissions (tpy)	20D	Emissions greater than 20D?
		Eastings (m)	Northing (m)				
MECK52	Lane (Mallard Creek)	524693.1	3908366.8	54.6	--	--	--
MECK53	Lane (Matthews)	525387.2	3887266.4	35.0	99.29	700.8	No
MECK54	Livingstone Coating Corporation	502846.8	3905067.0	49.8	0.02	996.5	No
MECK55	Mallard Creek Polymers, Inc.	525909.9	3911935.6	58.4	--	--	--
MECK56	Martin Marietta Materials, Inc. - Matthews Quarry	525474.1	3887614.7	35.4	4.87	707.9	No
MECK57	McAlpine Creek Wastewater Management Facility	511315.5	3880431.7	24.7	0.00	493.6	No
MECK58	Metrolina Greenhouses, Inc.	520649.2	3919618.1	64.7	--	--	--
MECK59	Norfolk Southern Railway Company	514969.3	3899429.6	43.9	0.01	878.5	No
MECK60	Novant Health: Presbyterian Medical Center	516022.9	3896585.5	41.2	0.08	824.8	No
MECK61	Pactiv, LLC	515173.9	3916392.6	60.8	--	--	--
MECK62	Pan-Glo Charlotte	511438.8	3894793.3	39.0	0.01	780.7	No
MECK63	Pavestone Company	506062.5	3886077.3	30.5	0.00	610.9	No
MECK64	Presbyterian Hospital Huntersville	512721.7	3918114.5	62.4	--	--	--
MECK65	Presbyterian Hospital - Matthews	526067.0	3886397.2	34.6	0.02	691.5	No
MECK66	Ready Mixed Concrete Company-Hebron	510343.3	3887294.4	31.5	0.01	630.2	No
MECK67	Red Clay Industries	510011.0	3883656.2	27.9	0.78	557.4	No
MECK68	Rohm and Haas Chemicals, LLC	521700.9	3902126.7	47.8	0.01	955.9	No
MECK69	SCR-Tech, LLC	502022.4	3887662.7	32.9	0.05	657.2	No
MECK70	Siemens Energy, Inc.	500803.3	3889184.9	34.6	0.46	692.8	No
MECK71	Snyder's - Lance, Inc.	510557.7	3886547.2	30.8	0.07	615.3	No
MECK72	Sterigenics U.S. LLC	501482.4	3888296.2	33.6	0.02	672.1	No
MECK73	Trane U.S., Inc.	507388.6	3897351.6	41.6	0.02	832.9	No
MECK74	Transflo Charlotte East Terminal	511249.1	3903252.9	47.5	47.09	949.7	No
MECK75	University of North Carolina at Charlotte	524461.3	3906944.1	53.2	--	--	--
MECK76	US Airways, Four (4) Site Locations	505042.5	3896016.3	40.5	0.01	810.7	No

APPENDIX B
Resolute Catawba Example Calculations

B.1 Power Boiler / Swing Boiler**B.1.1 Natural Gas – Maximum Hourly SO₂ Emissions**

Maximum heat input from natural gas = 375×10^6 Btu/hr (Title V)

AP-42 emission factor = 0.6 lb/10⁶ cf

Natural gas heating value = 1,000 Btu/cf

375×10^6 Btu/hr \times 0.6 lb/10⁶ cf \times 1 cf/1,000 Btu = 0.23 lb/hr

B.1.2 No. 6 Fuel Oil – Actual Hourly SO₂ Emissions

Actual hourly No. 6 fuel oil usage = varies, see attached spreadsheet

Example calculation = 1,000 gal/hr

Maximum fuel oil sulfur content = 2.1%

AP-42 emission factor = 157(s) lb/10³ gal

157 lb/10³ gal \times 2.1 %s = 329.7 lb/10³ gal

$1,000$ gal/hr \times 329.7 lb/10³ gal = 329.7 lb/hr

B.1.3 Total Hourly SO₂ Emissions

Maximum hourly natural gas + actual hourly No. 6 fuel oil

0.23 lb/hr + hourly No. 6 fuel oil

See attached spreadsheet for hourly calculations

B.2 Recovery Furnace No. 2**B.2.1 Black Liquor Solids – Maximum Hourly SO₂ Emissions**

Maximum black liquor solids = 1,129 tons BLS/day (Title V)

NCASI Technical Bulletin 884 emission factor = 0.22 lb/ton BLS (Table 4.12)

$1,129$ tons BLS/day \times 0.22 lb/ton BLS \times 1 day/24 hr = 10.35 lb/hr

B.2.2 No. 6 Fuel Oil – Actual Hourly SO₂ Emissions

Actual hourly No. 6 fuel oil usage = varies, see attached spreadsheet

Example calculation = 1,000 gal/hr

Maximum fuel oil sulfur content = 2.1%

AP-42 emission factor = 157(s) lb/10³ gal

157 lb/10³ gal \times 2.1 %s = 329.7 lb/10³ gal

$1,000$ gal/hr \times 329.7 lb/10³ gal = 329.7 lb/hr

B.2.3 Total Hourly SO₂ Emissions

Maximum hourly black liquor solids + actual hourly No. 6 fuel oil

10.35 lb/hr + hourly No. 6 fuel oil

See attached spreadsheet for hourly calculations

B.3 Recovery Furnace No. 3**B.3.1 Black Liquor Solids – Maximum Hourly SO₂ Emissions**

Maximum black liquor solids = 2,040 tons BLS/day (Title V)

NCASI Technical Bulletin 884 emission factor = 0.22 lb/ton BLS (Table 4.12)

$2,040$ tons BLS/day \times 0.22 lb/ton BLS \times 1 day/24 hr = 18.70 lb/hr

B.3.2 Natural Gas – Maximum Hourly SO₂ Emissions

Maximum heat input from natural gas = 370×10^6 Btu/hr (Title V)

AP-42 emission factor = 0.6 lb/10⁶ cf

Natural gas heating value = 1,000 Btu/cf

370×10^6 Btu/hr \times 0.6 lb/10⁶ cf \times 1 cf/1,000 Btu = 0.22 lb/hr

B.3.3 No. 6 Fuel Oil – Actual Hourly SO₂ Emissions

Actual hourly No. 6 fuel oil usage = varies, see attached spreadsheet

Example calculation = 1,000 gal/hr

Maximum fuel oil sulfur content = 2.1%

AP-42 emission factor = 157(s) lb/10³ gal

157 lb/10³ gal × 2.1 %s = 329.7 lb/10³ gal

1,000 gal/hr × 329.7 lb/10³ gal = 329.7 lb/hr

B.3.4 Total Hourly SO₂ Emissions

Maximum hourly black liquor solids + maximum hourly natural gas + actual hourly No. 6 fuel oil

18.70 lb/hr + 0.22 lb/hr + hourly No. 6 fuel oil

See attached spreadsheet for hourly calculations

B.4 Combination Boiler No. 1**B.4.1 Biomass/Wood Waste – Maximum Hourly SO₂ Emissions**

Maximum heat input from biomass = 392×10⁶ Btu/hr (Title V)

AP-42 emission factor = 0.025 lb/10⁶ Btu

392×10⁶ Btu/hr × 0.025 lb/10⁶ Btu = 9.80 lb/hr

B.4.2 Tire Derived Fuel (TDF) – Maximum Hourly SO₂ Emissions

Maximum TDF = 1.5 tons/hr (Title V)

TDF sulfur content = 1.23 %

1.5 tons TDF/hr × 1.23 lb S/100 lb TDF × 2,000 lb TDF/1 ton TDF × 64 lb-mole SO₂/32 lb-mole S
= 73.80 lb/hr

B.4.3 Natural Gas – Maximum Hourly SO₂ Emissions

Maximum heat input from natural gas = 405 ×10⁶ Btu/hr (Title V)

AP-42 emission factor = 0.6 lb/10⁶ cf

Natural gas heating value = 1,000 Btu/cf

405 ×10⁶ Btu/hr × 0.6 lb/10⁶ cf × 1 cf/1,000 Btu = 0.24 lb/hr

B.4.4 No. 6 Fuel Oil – Actual Hourly SO₂ Emissions

Actual hourly No. 6 fuel oil usage = varies, see attached spreadsheet

Example calculation = 1,000 gal/hr

Maximum fuel oil sulfur content = 2.1%

AP-42 emission factor = 157(s) lb/10³ gal

157 lb/10³ gal × 2.1 %s = 329.7 lb/10³ gal

1,000 gal/hr × 329.7 lb/10³ gal = 329.7 lb/hr

B.4.5 Total Hourly SO₂ Emissions

Maximum hourly biomass + maximum hourly TDF + maximum hourly natural gas + actual hourly No. 6 fuel oil

9.80 lb/hr + 73.80 lb/hr + 0.24 lb/hr + hourly No. 6 fuel oil

See attached spreadsheet for hourly calculations

B.5 Combination Boiler No. 2**B.5.1 Biomass/Wood Waste – Maximum Hourly SO₂ Emissions**

Maximum heat input from biomass = 498 ×10⁶ Btu/hr (Title V)

AP-42 emission factor = 0.025 lb/10⁶ Btu

498 ×10⁶ Btu/hr × 0.025 lb/10⁶ Btu = 12.45 lb/hr

B.5.2 Tire Derived Fuel (TDF) – Maximum Hourly SO₂ Emissions

Maximum TDF = 1.5 tons/hr (Title V)

TDF sulfur content = 1.23 %

$1.5 \text{ tons TDF/hr} \times 1.23 \text{ lb S/100 lb TDF} \times 2,000 \text{ lb TDF/1 ton TDF} \times 64 \text{ lb-mole SO}_2/32 \text{ lb-mole S}$
= 73.80 lb/hr

B.5.3 Natural Gas – Maximum Hourly SO₂ Emissions

Maximum heat input from natural gas = 720×10^6 Btu/hr (Title V)

AP-42 emission factor = 0.6 lb/10⁶ cf

Natural gas heating value = 1,000 Btu/cf

$720 \times 10^6 \text{ Btu/hr} \times 0.6 \text{ lb/10}^6 \text{ cf} \times 1 \text{ cf/1,000 Btu} = 0.43 \text{ lb/hr}$

B.5.4 No. 6 Fuel Oil – Actual Hourly SO₂ Emissions

Actual hourly No. 6 fuel oil usage = varies, see attached spreadsheet

Example calculation = 1,000 gal/hr

Maximum fuel oil sulfur content = 2.1%

AP-42 emission factor = 157(s) lb/10³ gal

$157 \text{ lb/10}^3 \text{ gal} \times 2.1 \% \text{S} = 329.7 \text{ lb/10}^3 \text{ gal}$

$1,000 \text{ gal/hr} \times 329.7 \text{ lb/10}^3 \text{ gal} = 329.7 \text{ lb/hr}$

B.5.5 Total Hourly SO₂ Emissions

Maximum hourly biomass + maximum hourly TDF + maximum hourly natural gas + actual hourly No. 6 fuel oil

$12.45 \text{ lb/hr} + 73.80 \text{ lb/hr} + 0.43 \text{ lb/hr} + \text{hourly No. 6 fuel oil}$

See attached spreadsheet for hourly calculations

B.6 Smelt Dissolving Tank No. 2**B.6.1 Black Liquor Solids – Maximum Hourly SO₂ Emissions**

Maximum black liquor solids = 1,129 tons BLS/day (Title V)

NCASI Technical Bulletin 1020 emission factor = 0.006 lb/ton BLS (Table 4.15)

$1,129 \text{ tons BLS/day} \times 0.006 \text{ lb/ton BLS} \times 1 \text{ day/24 hr} = 0.28 \text{ lb/hr}$

B.7 Smelt Dissolving Tank No. 3**B.7.1 Black Liquor Solids – Maximum Hourly SO₂ Emissions**

Maximum black liquor solids = 2,040 tons BLS/day (Title V)

NCASI Technical Bulletin 1020 emission factor = 0.006 lb/ton BLS (Table 4.15)

$2,040 \text{ tons BLS/day} \times 0.006 \text{ lb/ton BLS} \times 1 \text{ day/24 hr} = 0.51 \text{ lb/hr}$

B.8 Lime Kiln No. 2**B.8.1 No. 6 Fuel Oil – Maximum Hourly SO₂ Emissions**

Maximum calcium oxide = 465 tons CaO/day (Title V)

NCASI Technical Bulletin 1020 emission factor = 0.03 lb/ton CaO (Table 4.13 – Oil-fired Lime Kiln)

$465 \text{ tons CaO/day} \times 0.03 \text{ lb/ton CaO} \times 1 \text{ day/24 hr} = 0.58 \text{ lb/hr}$

B.9 Paper Machine No. 1 Coater

B.9.1 Kerosene – Maximum Hourly SO₂ Emissions
Maximum heat input from kerosene = 48×10^6 Btu/hr (Title V)
Maximum kerosene sulfur content = 0.05%
Kerosene heating value = 135,000 Btu/gal
AP-42 emission factor = 142(s) lb/10³ gal
 $142 \text{ lb}/10^3 \text{ gal} \times 0.05 \%s = 7.1 \text{ lb}/10^3 \text{ gal}$
 $48 \times 10^6 \text{ Btu/hr} \times 1 \text{ gal}/135,000 \text{ Btu} \times 7.1 \text{ lb}/10^3 \text{ gal} = 2.52 \text{ lb/hr}$

B.10 Paper Machine No. 2 Coater

B.10.1 Kerosene – Maximum Hourly SO₂ Emissions
Maximum heat input from kerosene = 64×10^6 Btu/hr (Title V)
Maximum kerosene sulfur content = 0.05%
Kerosene heating value = 135,000 Btu/gal
AP-42 emission factor = 142(s) lb/10³ gal
 $142 \text{ lb}/10^3 \text{ gal} \times 0.05 \%s = 7.1 \text{ lb}/10^3 \text{ gal}$
 $64 \times 10^6 \text{ Btu/hr} \times 1 \text{ gal}/135,000 \text{ Btu} \times 7.1 \text{ lb}/10^3 \text{ gal} = 3.37 \text{ lb/hr}$

B.11 Paper Machine No. 3 Coater

B.11.1 Kerosene – Maximum Hourly SO₂ Emissions
Maximum heat input from kerosene = 48×10^6 Btu/hr (Title V)
Maximum kerosene sulfur content = 0.05%
Kerosene heating value = 135,000 Btu/gal
AP-42 emission factor = 142(s) lb/10³ gal
 $142 \text{ lb}/10^3 \text{ gal} \times 0.05 \%s = 7.1 \text{ lb}/10^3 \text{ gal}$
 $48 \times 10^6 \text{ Btu/hr} \times 1 \text{ gal}/135,000 \text{ Btu} \times 7.1 \text{ lb}/10^3 \text{ gal} = 2.52 \text{ lb/hr}$

B.12 Air Make-up Units

B.12.1 Natural Gas – Maximum Hourly SO₂ Emissions
Maximum heat input from natural gas = 126×10^6 Btu/hr (Title V)
AP-42 emission factor = 0.6 lb/10⁶ cf
Natural gas heating value = 1,000 Btu/cf
 $126 \times 10^6 \text{ Btu/hr} \times 0.6 \text{ lb}/10^6 \text{ cf} \times 1 \text{ cf}/1,000 \text{ Btu} = 0.076 \text{ lb/hr}$

B.13 NCG Combustion

B.13.1 NCG Combustion – Maximum Hourly SO₂ Emissions
BACT emission limit = 10.1 lb/ADTP (Construction Permit DC)
Maximum production rate = 1,825 ADTP/day (Title V)
 $10.1 \text{ lb}/\text{ADTP} \times 1,825 \text{ ADTP}/\text{day} \times 1 \text{ day}/24 \text{ hr} = 768 \text{ lb/hr}$

APPENDIX C

Resolute Catawba 2012 Hourly Emission Calculations

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
01-Jan-12 00:00:00	01-Jan-12 01:00:00	0.00	2.03	0.00	0.00	7.67	2.1	329.7	0.00	0.67	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	01-Jan-12 00:00:00	0.23	11.02	18.92	83.84	89.21
01-Jan-12 01:00:00	01-Jan-12 02:00:00	0.00	0.21	0.00	0.00	7.81	2.1	329.7	0.00	0.07	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	01-Jan-12 01:00:00	0.23	10.42	18.92	83.84	89.26
01-Jan-12 02:00:00	01-Jan-12 03:00:00	0.00	0.08	0.00	0.00	7.96	2.1	329.7	0.00	0.03	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	01-Jan-12 02:00:00	0.23	10.38	18.92	83.84	89.30
01-Jan-12 03:00:00	01-Jan-12 04:00:00	0.00	0.04	0.00	0.00	8.04	2.1	329.7	0.00	0.01	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	01-Jan-12 03:00:00	0.23	10.36	18.92	83.84	89.33
01-Jan-12 04:00:00	01-Jan-12 05:00:00	0.00	0.06	0.00	27.42	8.03	2.1	329.7	0.00	0.02	0.00	9.04	2.65	0.23	10.35	18.92	83.84	86.68	01-Jan-12 04:00:00	0.23	10.37	18.92	92.88	89.33
01-Jan-12 05:00:00	01-Jan-12 06:00:00	0.00	0.00	0.00	0.00	8.01	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	01-Jan-12 05:00:00	0.23	10.35	18.92	83.84	89.32
01-Jan-12 06:00:00	01-Jan-12 07:00:00	0.00	0.00	0.00	0.00	8.00	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	01-Jan-12 06:00:00	0.23	10.35	18.92	83.84	89.32
01-Jan-12 07:00:00	01-Jan-12 08:00:00	0.00	0.00	0.00	0.00	7.93	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	01-Jan-12 07:00:00	0.23	10.35	18.92	83.84	89.30
01-Jan-12 08:00:00	01-Jan-12 09:00:00	0.00	0.00	0.00	0.00	7.64	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	01-Jan-12 08:00:00	0.23	10.35	18.92	83.84	89.20
01-Jan-12 09:00:00	01-Jan-12 10:00:00	0.00	0.00	0.00	16.27	7.32	2.1	329.7	0.00	0.00	5.36	2.41	2.3	10.35	18.92	83.84	86.68	01-Jan-12 09:00:00	0.23	10.35	18.92	89.20	89.09	
01-Jan-12 10:00:00	01-Jan-12 11:00:00	0.00	0.93	0.00	24.39	7.01	2.1	329.7	0.00	0.31	0.00	8.04	2.31	0.23	10.35	18.92	83.84	86.68	01-Jan-12 10:00:00	0.23	10.66	18.92	91.88	88.99
01-Jan-12 11:00:00	01-Jan-12 12:00:00	0.00	1.02	0.00	308.33	6.84	2.1	329.7	0.00	0.34	0.00	101.66	2.25	0.23	10.35	18.92	83.84	86.68	01-Jan-12 11:00:00	0.23	10.69	18.92	185.50	88.93
01-Jan-12 12:00:00	01-Jan-12 13:00:00	0.00	0.94	0.00	0.00	6.63	2.1	329.7	0.00	0.31	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	01-Jan-12 12:00:00	0.23	10.66	18.92	83.84	88.86
01-Jan-12 13:00:00	01-Jan-12 14:00:00	0.00	0.60	0.00	0.00	6.39	2.1	329.7	0.00	0.20	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	01-Jan-12 13:00:00	0.23	10.55	18.92	83.84	88.79
01-Jan-12 14:00:00	01-Jan-12 15:00:00	0.00	0.26	0.00	0.00	6.14	2.1	329.7	0.00	0.09	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	01-Jan-12 14:00:00	0.23	10.44	18.92	83.84	88.71
01-Jan-12 15:00:00	01-Jan-12 16:00:00	0.00	0.17	0.00	0.00	6.14	2.1	329.7	0.00	0.06	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	01-Jan-12 15:00:00	0.23	10.41	18.92	83.84	88.70
01-Jan-12 16:00:00	01-Jan-12 17:00:00	0.00	2.80	0.00	0.00	6.22	2.1	329.7	0.00	0.92	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	01-Jan-12 16:00:00	0.23	11.27	18.92	83.84	88.73
01-Jan-12 17:00:00	01-Jan-12 18:00:00	0.00	1.97	0.00	0.00	6.26	2.1	329.7	0.00	0.65	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	01-Jan-12 17:00:00	0.23	11.00	18.92	83.84	88.75
01-Jan-12 18:00:00	01-Jan-12 19:00:00	0.00	1.23	0.00	0.00	6.31	2.1	329.7	0.00	0.41	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	01-Jan-12 18:00:00	0.23	10.76	18.92	83.84	88.76
01-Jan-12 19:00:00	01-Jan-12 20:00:00	0.00	0.50	0.00	0.00	6.37	2.1	329.7	0.00	0.17	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	01-Jan-12 19:00:00	0.23	10.52	18.92	83.84	88.78
01-Jan-12 20:00:00	01-Jan-12 21:00:00	0.00	0.01	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	01-Jan-12 20:00:00	0.23	10.35	18.92	83.84	88.84
01-Jan-12 21:00:00	01-Jan-12 22:00:00	0.00	0.00	0.00	0.00	6.77	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	01-Jan-12 21:00:00	0.23	10.35	18.92	83.84	88.91
01-Jan-12 22:00:00	01-Jan-12 23:00:00	0.00	0.00	0.00	0.00	6.98	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Jan-12 22:00:00	0.23	10.35	18.92	83.84	88.98
01-Jan-12 23:00:00	02-Jan-12 00:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	01-Jan-12 23:00:00	0.23	10.35	18.92	83.84	89.05
02-Jan-12 00:00:00	02-Jan-12 01:00:00	0.00	0.00	0.00	0.00	7.43	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	02-Jan-12 00:00:00	0.23	10.35	18.92	83.84	89.13
02-Jan-12 01:00:00	02-Jan-12 02:00:00	0.00	0.00	0.00	0.00	7.66	2.1	329.7	0.00	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	02-Jan-12 01:00:00	0.23	10.35	18.92	83.84	89.21
02-Jan-12 02:00:00	02-Jan-12 03:00:00	0.00	0.00	0.00	0.00	7.90	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	02-Jan-12 02:00:00	0.23	10.35	18.92	83.84	89.28
02-Jan-12 03:00:00	02-Jan-12 04:00:00	0.00	0.00	0.00	0.00	8.09	2.1	329.7	0.00	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	02-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.35
02-Jan-12 04:00:00	02-Jan-12 05:00:00	0.00	0.00	0.00	0.00	8.18	2.1	329.7	0.00	0.00	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	02-Jan-12 04:00:00	0.23	10.35	18.92	83.84	89.38
02-Jan-12 05:00:00	02-Jan-12 06:00:00	0.00	0.38	0.00	0.00	8.27	2.1	329.7	0.00	0.12	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	02-Jan-12 05:00:00	0.23	10.47	18.92	83.84	89.41
02-Jan-12 06:00:00	02-Jan-12 07:00:00	0.00	2.45	0.00	0.00	8.35	2.1	329.7	0.00	0.81	0.00	0.00	2.75	0.23	10.35	18.92	83.84	86.68	02-Jan-12 06:00:00	0.23	11.16	18.92	83.84	89.43
02-Jan-12 07:00:00	02-Jan-12 08:00:00	0.00	4.81	0.00	0.00	8.60	2.1	329.7	0.00	1.58	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	02-Jan-12 07:00:00	0.23	11.93	18.92	83.84	89.52
02-Jan-12 08:00:00	02-Jan-12 09:00:00	0.00	2.14	0.00	0.00	8.64	2.1	329.7	0.00	0.71	0.00	0.00	2.85	0.23	10.35	18.92	83.84	86.68	02-Jan-12 08:00:00	0.23	11.06	18.92	83.84	89.53
02-Jan-12 09:00:00	02-Jan-12 10:00:00	0.00	1.46	0.00	0.00	8.63	2.1	329.7	0.00	0.48	0.00	0.00	2.85	0.23	10.35	18.92	83.84	86.68	02-Jan-12 09:00:00	0.23	10.83	18.92	83.84	89.53
02-Jan-12 10:00:00	02-Jan-12 11:00:00	0.00	0.78	0.00	0.00	8.62	2.1	329.7	0.00	0.26	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	02-Jan-12 10:00:00	0.23	10.61	18.92	83.84	89.52
02-Jan-12 11:00:00	02-Jan-12 12:00:00	0.00	0.18	0.00	0.00	8.57	2.1	329.7	0.00	0.06	0.00	0.00	2.82	0.23	10.35	18.92	83.84	86.68	02-Jan-12 11:00:00	0.23	10.41	18.92	83.84	89.50
02-Jan-12 12:00:00	02-Jan-12 13:00:00	0.00	0.57	0.00	0.00	8.43	2.1	329.7	0.00	0.19	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	02-Jan-12 12:00:00	0.23	10.54	18.92	83.84	89.46
02-Jan-12 13:00:00	02-Jan-12 14:00:00	0.00	1.25	0.00	0.00	8.29	2.1	329.7	0.00	0.41	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	02-Jan-12 13:00:00	0.23	10.76	18.92	83	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor				
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
04-Jan-12 00:00:00	04-Jan-12 01:00:00	1.83	112.24	0.00	0.00	8.43	2.1	329.7	0.60	37.01	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	04-Jan-12 00:00:00	0.83	47.36	18.92	83.84	89.46
04-Jan-12 01:00:00	04-Jan-12 02:00:00	1.91	29.59	0.00	0.00	8.57	2.1	329.7	0.63	9.76	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	04-Jan-12 01:00:00	0.86	20.11	18.92	83.84	89.51
04-Jan-12 02:00:00	04-Jan-12 03:00:00	1.82	23.60	0.00	0.00	8.72	2.1	329.7	0.60	7.78	0.00	0.00	2.88	0.23	10.35	18.92	83.84	86.68	04-Jan-12 02:00:00	0.83	18.13	18.92	83.84	89.56
04-Jan-12 03:00:00	04-Jan-12 04:00:00	1.67	25.34	0.00	0.00	8.92	2.1	329.7	0.55	8.35	0.00	0.00	2.94	0.23	10.35	18.92	83.84	86.68	04-Jan-12 03:00:00	0.78	18.70	18.92	83.84	89.62
04-Jan-12 04:00:00	04-Jan-12 05:00:00	2.09	26.64	0.00	0.00	8.97	2.1	329.7	0.69	8.78	0.00	0.00	2.96	0.23	10.35	18.92	83.84	86.68	04-Jan-12 04:00:00	0.92	19.13	18.92	83.84	89.64
04-Jan-12 05:00:00	04-Jan-12 06:00:00	2.51	25.43	0.00	0.00	9.01	2.1	329.7	0.83	8.39	0.00	0.00	2.97	0.23	10.35	18.92	83.84	86.68	04-Jan-12 05:00:00	1.06	18.74	18.92	83.84	89.65
04-Jan-12 06:00:00	04-Jan-12 07:00:00	2.81	28.57	0.00	94.00	9.04	2.1	329.7	0.93	9.42	0.00	30.99	2.98	0.23	10.35	18.92	83.84	86.68	04-Jan-12 06:00:00	1.16	19.77	18.92	114.83	89.66
04-Jan-12 07:00:00	04-Jan-12 08:00:00	2.48	35.43	0.00	64.03	8.92	2.1	329.7	0.82	11.68	0.00	21.11	2.94	0.23	10.35	18.92	83.84	86.68	04-Jan-12 07:00:00	1.05	22.03	18.92	104.95	89.62
04-Jan-12 08:00:00	04-Jan-12 09:00:00	2.22	31.03	0.00	260.85	230.33	2.1	329.7	0.73	10.23	0.00	86.00	75.94	0.23	10.35	18.92	83.84	86.68	04-Jan-12 08:00:00	0.96	20.58	18.92	169.84	162.62
04-Jan-12 09:00:00	04-Jan-12 10:00:00	1.42	410.98	0.00	0.00	312.84	2.1	329.7	0.47	135.50	0.00	0.00	103.14	0.23	10.35	18.92	83.84	86.68	04-Jan-12 09:00:00	0.70	145.85	18.92	83.84	189.82
04-Jan-12 10:00:00	04-Jan-12 11:00:00	0.45	626.64	0.00	0.00	9.06	2.1	329.7	0.15	206.60	0.00	0.00	2.99	0.23	10.35	18.92	83.84	86.68	04-Jan-12 10:00:00	0.38	216.95	18.92	83.84	89.67
04-Jan-12 11:00:00	04-Jan-12 12:00:00	0.00	654.81	433.08	0.00	8.16	2.1	329.7	0.00	215.89	142.79	0.00	2.69	0.23	10.35	18.92	83.84	86.68	04-Jan-12 11:00:00	0.23	226.24	161.71	83.84	89.37
04-Jan-12 12:00:00	04-Jan-12 13:00:00	0.25	726.45	753.07	222.59	230.86	2.1	329.7	0.08	239.51	248.29	73.39	76.11	0.23	10.35	18.92	83.84	86.68	04-Jan-12 12:00:00	0.31	249.86	267.21	157.23	162.79
04-Jan-12 13:00:00	04-Jan-12 14:00:00	0.00	847.45	1,091.96	298.28	400.36	2.1	329.7	0.00	279.40	360.02	97.68	132.00	0.23	10.35	18.92	83.84	86.68	04-Jan-12 13:00:00	0.23	289.75	378.94	181.52	218.68
04-Jan-12 14:00:00	04-Jan-12 15:00:00	0.00	649.36	1,105.70	280.99	354.88	2.1	329.7	0.00	214.09	364.55	92.64	117.00	0.23	10.35	18.92	83.84	86.68	04-Jan-12 14:00:00	0.23	224.44	383.47	176.48	203.68
04-Jan-12 15:00:00	04-Jan-12 16:00:00	0.00	726.43	1,107.33	265.13	372.39	2.1	329.7	0.00	239.50	365.09	87.41	122.78	0.23	10.35	18.92	83.84	86.68	04-Jan-12 15:00:00	0.23	249.85	384.01	171.25	209.46
04-Jan-12 16:00:00	04-Jan-12 17:00:00	0.00	874.96	1,108.40	382.66	409.63	2.1	329.7	0.00	288.47	365.44	126.16	135.05	0.23	10.35	18.92	83.84	86.68	04-Jan-12 16:00:00	0.23	298.82	384.36	210.00	221.73
04-Jan-12 17:00:00	04-Jan-12 18:00:00	0.00	670.05	1,105.38	310.10	296.00	2.1	329.7	0.00	220.92	364.45	102.24	97.59	0.23	10.35	18.92	83.84	86.68	04-Jan-12 17:00:00	0.23	231.27	383.37	186.08	184.27
04-Jan-12 18:00:00	04-Jan-12 19:00:00	0.00	668.92	1,102.71	321.10	253.55	2.1	329.7	0.00	220.54	363.56	105.87	83.60	0.23	10.35	18.92	83.84	86.68	04-Jan-12 18:00:00	0.23	230.89	382.48	189.71	170.28
04-Jan-12 19:00:00	04-Jan-12 20:00:00	0.00	559.88	1,100.61	300.35	230.94	2.1	329.7	0.00	184.59	362.87	99.03	76.14	0.23	10.35	18.92	83.84	86.68	04-Jan-12 19:00:00	0.23	194.94	381.79	182.87	162.82
04-Jan-12 20:00:00	04-Jan-12 21:00:00	0.00	558.87	1,093.98	196.48	230.84	2.1	329.7	0.00	184.26	360.68	64.78	76.11	0.23	10.35	18.92	83.84	86.68	04-Jan-12 20:00:00	0.23	194.61	379.60	148.62	162.79
04-Jan-12 21:00:00	04-Jan-12 22:00:00	0.00	557.76	1,092.88	0.00	231.06	2.1	329.7	0.00	183.89	360.32	0.00	76.18	0.23	10.35	18.92	83.84	86.68	04-Jan-12 21:00:00	0.23	194.24	379.24	83.84	162.86
04-Jan-12 22:00:00	04-Jan-12 23:00:00	0.00	633.06	1,096.36	0.00	356.97	2.1	329.7	0.00	208.72	361.47	0.00	117.69	0.23	10.35	18.92	83.84	86.68	04-Jan-12 22:00:00	0.23	219.07	380.39	83.84	204.37
04-Jan-12 23:00:00	05-Jan-12 00:00:00	0.00	688.64	1,096.71	0.00	399.64	2.1	329.7	0.00	227.05	361.59	0.00	131.76	0.23	10.35	18.92	83.84	86.68	04-Jan-12 23:00:00	0.23	237.40	380.51	83.84	218.44
05-Jan-12 00:00:00	05-Jan-12 01:00:00	0.00	641.97	1,088.96	0.00	364.06	2.1	329.7	0.00	211.66	359.03	0.00	120.03	0.23	10.35	18.92	83.84	86.68	05-Jan-12 00:00:00	0.23	222.01	377.95	83.84	206.71
05-Jan-12 01:00:00	05-Jan-12 02:00:00	0.00	605.69	1,083.04	0.00	363.76	2.1	329.7	0.00	199.70	357.08	0.00	119.93	0.23	10.35	18.92	83.84	86.68	05-Jan-12 01:00:00	0.23	210.05	376.00	83.84	206.61
05-Jan-12 02:00:00	05-Jan-12 03:00:00	0.00	603.87	1,082.76	0.00	365.00	2.1	329.7	0.00	199.10	356.99	0.00	120.34	0.23	10.35	18.92	83.84	86.68	05-Jan-12 02:00:00	0.23	209.45	375.91	83.84	207.02
05-Jan-12 03:00:00	05-Jan-12 04:00:00	0.00	553.39	1,084.01	0.00	365.31	2.1	329.7	0.00	182.45	357.40	0.00	120.44	0.23	10.35	18.92	83.84	86.68	05-Jan-12 03:00:00	0.23	192.80	376.32	83.84	207.12
05-Jan-12 04:00:00	05-Jan-12 05:00:00	0.00	567.57	1,081.81	0.00	361.74	2.1	329.7	0.00	187.13	356.67	0.00	119.27	0.23	10.35	18.92	83.84	86.68	05-Jan-12 04:00:00	0.23	197.48	375.59	83.84	205.95
05-Jan-12 05:00:00	05-Jan-12 06:00:00	0.00	546.58	1,066.32	0.00	312.98	2.1	329.7	0.00	180.21	351.56	0.00	103.19	0.23	10.35	18.92	83.84	86.68	05-Jan-12 05:00:00	0.23	190.56	370.48	83.84	189.87
05-Jan-12 06:00:00	05-Jan-12 07:00:00	0.00	370.14	1,063.15	165.55	448.58	2.1	329.7	0.00	122.04	350.52	54.58	147.90	0.23	10.35	18.92	83.84	86.68	05-Jan-12 06:00:00	0.23	132.39	369.44	138.42	234.58
05-Jan-12 07:00:00	05-Jan-12 08:00:00	0.00	445.57	1,063.62	640.45	963.36	2.1	329.7	0.00	146.90	350.67	211.16	317.62	0.23	10.35	18.92	83.84	86.68	05-Jan-12 07:00:00	0.23	157.25	369.59	295.00	404.30
05-Jan-12 08:00:00	05-Jan-12 09:00:00	0.00	602.56	1,078.52	720.09	1,015.90	2.1	329.7	0.00	198.67	355.59	237.41	334.94	0.23	10.35	18.92	83.84	86.68	05-Jan-12 08:00:00	0.23	209.02	374.51	321.25	421.62
05-Jan-12 09:00:00	05-Jan-12 10:00:00	0.00	471.93	1,041.74	528.45	806.37	2.1	329.7	0.00	155.60	343.46	174.23	265.86	0.23	10.35	18.92	83.84	86.68	05-Jan-12 09:00:00	0.23	165.95	362.38	258.07	352.54
05-Jan-12 10:00:00	05-Jan-12 11:00:00	0.00	387.01	1,112.41	275.48	521.66	2.1	329.7	0.00	127.60	366.76	90.83	171.99	0.23	10.35	18.92	83.84	86.68	05-Jan-12 10:00:00	0.23	137.95	385.68	174.67	258.67
05-Jan-12 11:00:00	05-Jan-12 12:00:00	0.00	385.21	1,134.10	226.59	388.96	2.1	329.7	0.00	127.00	373.91	74.71	128.24	0.23	10.35	18.92	83.84	86.68	05-Jan-12 11:00:00	0.23	137.35	392.83	158.55	214.92
05-Jan-12 12:00:00	05-Jan-12 13:00:00	0.00	398.																					

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
07-Jan-12 00:00:00	07-Jan-12 01:00:00	0.00	195.89	282.77	0.00	7.29	2.1	329.7	0.00	64.58	93.23	0.00	2.40	0.23	10.35	18.92	83.84	86.68	07-Jan-12 00:00:00	0.23	74.93	112.15	83.84	89.08
07-Jan-12 01:00:00	07-Jan-12 02:00:00	0.00	1.40	283.30	0.00	7.38	2.1	329.7	0.00	0.46	93.41	0.00	2.43	0.23	10.35	18.92	83.84	86.68	07-Jan-12 01:00:00	0.23	10.81	112.33	83.84	89.11
07-Jan-12 02:00:00	07-Jan-12 03:00:00	0.00	2.56	283.79	0.00	7.44	2.1	329.7	0.00	0.84	93.56	0.00	2.45	0.23	10.35	18.92	83.84	86.68	07-Jan-12 02:00:00	0.23	11.19	112.48	83.84	89.13
07-Jan-12 03:00:00	07-Jan-12 04:00:00	0.00	0.92	284.69	0.00	7.49	2.1	329.7	0.00	0.30	93.86	0.00	2.47	0.23	10.35	18.92	83.84	86.68	07-Jan-12 03:00:00	0.23	10.65	112.78	83.84	89.15
07-Jan-12 04:00:00	07-Jan-12 05:00:00	0.00	0.63	284.72	0.00	7.51	2.1	329.7	0.00	0.21	93.87	0.00	2.48	0.23	10.35	18.92	83.84	86.68	07-Jan-12 04:00:00	0.23	10.56	112.79	83.84	89.16
07-Jan-12 05:00:00	07-Jan-12 06:00:00	0.00	0.33	284.27	0.00	7.49	2.1	329.7	0.00	0.11	93.72	0.00	2.47	0.23	10.35	18.92	83.84	86.68	07-Jan-12 05:00:00	0.23	10.46	112.64	83.84	89.15
07-Jan-12 06:00:00	07-Jan-12 07:00:00	0.00	0.21	285.18	0.00	7.50	2.1	329.7	0.00	0.07	94.02	0.00	2.47	0.23	10.35	18.92	83.84	86.68	07-Jan-12 06:00:00	0.23	10.42	112.94	83.84	89.15
07-Jan-12 07:00:00	07-Jan-12 08:00:00	0.00	2.35	303.11	0.00	7.51	2.1	329.7	0.00	0.77	99.94	0.00	2.48	0.23	10.35	18.92	83.84	86.68	07-Jan-12 07:00:00	0.23	11.12	118.86	83.84	89.16
07-Jan-12 08:00:00	07-Jan-12 09:00:00	0.00	1.84	303.81	0.00	7.46	2.1	329.7	0.00	0.61	100.17	0.00	2.46	0.23	10.35	18.92	83.84	86.68	07-Jan-12 08:00:00	0.23	10.96	119.09	83.84	89.14
07-Jan-12 09:00:00	07-Jan-12 10:00:00	0.00	2.24	64.22	0.00	7.21	2.1	329.7	0.00	0.74	21.17	0.00	2.38	0.23	10.35	18.92	83.84	86.68	07-Jan-12 09:00:00	0.23	11.09	40.09	83.84	89.06
07-Jan-12 10:00:00	07-Jan-12 11:00:00	0.00	2.72	0.00	0.00	6.95	2.1	329.7	0.00	0.90	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	07-Jan-12 10:00:00	0.23	11.25	18.92	83.84	88.97
07-Jan-12 11:00:00	07-Jan-12 12:00:00	0.00	3.19	0.00	0.00	6.69	2.1	329.7	0.00	1.05	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	07-Jan-12 11:00:00	0.23	11.40	18.92	83.84	88.88
07-Jan-12 12:00:00	07-Jan-12 13:00:00	0.00	1.81	0.00	0.00	6.41	2.1	329.7	0.00	0.60	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	07-Jan-12 12:00:00	0.23	10.95	18.92	83.84	88.79
07-Jan-12 13:00:00	07-Jan-12 14:00:00	0.00	3.84	0.00	0.00	6.22	2.1	329.7	0.00	1.27	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	07-Jan-12 13:00:00	0.23	11.62	18.92	83.84	88.73
07-Jan-12 14:00:00	07-Jan-12 15:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	07-Jan-12 14:00:00	0.23	10.35	18.92	83.84	88.68
07-Jan-12 15:00:00	07-Jan-12 16:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	07-Jan-12 15:00:00	0.23	10.35	18.92	83.84	88.63
07-Jan-12 16:00:00	07-Jan-12 17:00:00	0.00	0.09	0.00	0.00	5.82	2.1	329.7	0.00	0.03	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	07-Jan-12 16:00:00	0.23	10.38	18.92	83.84	88.60
07-Jan-12 17:00:00	07-Jan-12 18:00:00	0.00	0.00	0.00	0.00	6.00	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	07-Jan-12 17:00:00	0.23	10.35	18.92	83.84	88.66
07-Jan-12 18:00:00	07-Jan-12 19:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	07-Jan-12 18:00:00	0.23	10.35	18.92	83.84	88.73
07-Jan-12 19:00:00	07-Jan-12 20:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	07-Jan-12 19:00:00	0.23	10.35	18.92	83.84	88.81
07-Jan-12 20:00:00	07-Jan-12 21:00:00	0.00	0.37	0.00	0.00	6.73	2.1	329.7	0.00	0.12	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	07-Jan-12 20:00:00	0.23	10.47	18.92	83.84	88.90
07-Jan-12 21:00:00	07-Jan-12 22:00:00	0.00	5.06	0.00	0.00	6.97	2.1	329.7	0.00	1.67	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	07-Jan-12 21:00:00	0.23	12.02	18.92	83.84	88.98
07-Jan-12 22:00:00	07-Jan-12 23:00:00	0.00	5.15	0.00	0.00	7.14	2.1	329.7	0.00	1.70	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	07-Jan-12 22:00:00	0.23	12.05	18.92	83.84	89.03
07-Jan-12 23:00:00	08-Jan-12 00:00:00	0.00	3.20	0.00	0.00	7.31	2.1	329.7	0.00	1.06	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	07-Jan-12 23:00:00	0.23	11.41	18.92	83.84	89.09
08-Jan-12 00:00:00	08-Jan-12 01:00:00	0.00	2.80	0.00	0.00	7.47	2.1	329.7	0.00	0.92	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	08-Jan-12 00:00:00	0.23	11.27	18.92	83.84	89.14
08-Jan-12 01:00:00	08-Jan-12 02:00:00	0.00	3.44	0.00	0.00	7.37	2.1	329.7	0.00	1.14	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	08-Jan-12 01:00:00	0.23	11.49	18.92	83.84	89.11
08-Jan-12 02:00:00	08-Jan-12 03:00:00	0.00	0.98	0.00	0.00	7.22	2.1	329.7	0.00	0.32	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	08-Jan-12 02:00:00	0.23	10.67	18.92	83.84	89.06
08-Jan-12 03:00:00	08-Jan-12 04:00:00	0.00	0.00	0.00	0.00	7.06	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	08-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.01
08-Jan-12 04:00:00	08-Jan-12 05:00:00	0.00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	08-Jan-12 04:00:00	0.23	10.35	18.92	83.84	88.97
08-Jan-12 05:00:00	08-Jan-12 06:00:00	0.00	0.00	0.00	0.00	7.07	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	08-Jan-12 05:00:00	0.23	10.35	18.92	83.84	89.01
08-Jan-12 06:00:00	08-Jan-12 07:00:00	0.00	0.00	0.00	0.00	7.20	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	08-Jan-12 06:00:00	0.23	10.35	18.92	83.84	89.05
08-Jan-12 07:00:00	08-Jan-12 08:00:00	0.00	0.00	0.00	0.00	7.33	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Jan-12 07:00:00	0.23	10.35	18.92	83.84	89.10
08-Jan-12 08:00:00	08-Jan-12 09:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	08-Jan-12 08:00:00	0.23	10.35	18.92	83.84	89.14
08-Jan-12 09:00:00	08-Jan-12 10:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	08-Jan-12 09:00:00	0.23	10.35	18.92	83.84	89.08
08-Jan-12 10:00:00	08-Jan-12 11:00:00	0.00	0.00	0.00	0.00	7.03	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	08-Jan-12 10:00:00	0.23	10.35	18.92	83.84	89.00
08-Jan-12 11:00:00	08-Jan-12 12:00:00	0.00	0.00	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	08-Jan-12 11:00:00	0.23	10.35	18.92	83.84	88.91
08-Jan-12 12:00:00	08-Jan-12 13:00:00	0.00	0.00	0.00	0.00	6.51	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	08-Jan-12 12:00:00	0.23	10.35	18.92	83.84	88.83
08-Jan-12 13:00:00	08-Jan-12 14:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	08-Jan-12 13:00:00	0.2				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
10-Jan-12 00:00:00	10-Jan-12 01:00:00	0.00	0.00	0.00	0.00	7.21	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	10-Jan-12 00:00:00	0.23	10.35	18.92	83.84	89.06				
10-Jan-12 01:00:00	10-Jan-12 02:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	10-Jan-12 01:00:00	0.23	10.35	18.92	83.84	89.05				
10-Jan-12 02:00:00	10-Jan-12 03:00:00	0.00	0.00	0.00	0.00	7.16	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	10-Jan-12 02:00:00	0.23	10.35	18.92	83.84	89.04				
10-Jan-12 03:00:00	10-Jan-12 04:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	10-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.02				
10-Jan-12 04:00:00	10-Jan-12 05:00:00	0.00	0.00	0.00	0.00	7.02	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	10-Jan-12 04:00:00	0.23	10.35	18.92	83.84	88.99				
10-Jan-12 05:00:00	10-Jan-12 06:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	10-Jan-12 05:00:00	0.23	10.35	18.92	83.84	88.98				
10-Jan-12 06:00:00	10-Jan-12 07:00:00	0.00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	10-Jan-12 06:00:00	0.23	10.35	18.92	83.84	88.97				
10-Jan-12 07:00:00	10-Jan-12 08:00:00	0.00	0.00	0.00	0.00	6.98	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	10-Jan-12 07:00:00	0.23	10.35	18.92	83.84	88.98				
10-Jan-12 08:00:00	10-Jan-12 09:00:00	0.00	0.00	0.00	0.00	7.06	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	10-Jan-12 08:00:00	0.23	10.35	18.92	83.84	89.01				
10-Jan-12 09:00:00	10-Jan-12 10:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	10-Jan-12 09:00:00	0.23	10.35	18.92	83.84	89.02				
10-Jan-12 10:00:00	10-Jan-12 11:00:00	0.00	0.00	0.00	0.00	7.13	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	10-Jan-12 10:00:00	0.23	10.35	18.92	83.84	89.03				
10-Jan-12 11:00:00	10-Jan-12 12:00:00	0.00	0.00	0.00	0.00	7.17	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	10-Jan-12 11:00:00	0.23	10.35	18.92	83.84	89.04				
10-Jan-12 12:00:00	10-Jan-12 13:00:00	0.00	0.00	0.00	0.00	7.12	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	10-Jan-12 12:00:00	0.23	10.35	18.92	83.84	89.03				
10-Jan-12 13:00:00	10-Jan-12 14:00:00	0.00	0.00	0.00	0.00	7.05	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	10-Jan-12 13:00:00	0.23	10.35	18.92	83.84	89.00				
10-Jan-12 14:00:00	10-Jan-12 15:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	10-Jan-12 14:00:00	0.23	10.35	18.92	83.84	88.98				
10-Jan-12 15:00:00	10-Jan-12 16:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	10-Jan-12 15:00:00	0.23	10.35	18.92	83.84	88.96				
10-Jan-12 16:00:00	10-Jan-12 17:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	10-Jan-12 16:00:00	0.23	10.35	18.92	83.84	88.98				
10-Jan-12 17:00:00	10-Jan-12 18:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	10-Jan-12 17:00:00	0.23	10.35	18.92	83.84	88.99				
10-Jan-12 18:00:00	10-Jan-12 19:00:00	0.00	0.00	0.00	0.00	7.05	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	10-Jan-12 18:00:00	0.23	10.35	18.92	83.84	89.00				
10-Jan-12 19:00:00	10-Jan-12 20:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	10-Jan-12 19:00:00	0.23	10.35	18.92	83.84	89.00				
10-Jan-12 20:00:00	10-Jan-12 21:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	10-Jan-12 20:00:00	0.23	10.35	18.92	83.84	89.02				
10-Jan-12 21:00:00	10-Jan-12 22:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	10-Jan-12 21:00:00	0.23	10.35	18.92	83.84	89.06				
10-Jan-12 22:00:00	10-Jan-12 23:00:00	0.00	0.00	0.00	0.00	7.36	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	10-Jan-12 22:00:00	0.23	10.35	18.92	83.84	89.11				
10-Jan-12 23:00:00	11-Jan-12 00:00:00	0.00	0.00	0.00	0.00	7.51	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	10-Jan-12 23:00:00	0.23	10.35	18.92	83.84	89.16				
11-Jan-12 00:00:00	11-Jan-12 01:00:00	0.00	0.00	0.00	0.00	7.55	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	11-Jan-12 00:00:00	0.23	10.35	18.92	83.84	89.17				
11-Jan-12 01:00:00	11-Jan-12 02:00:00	0.00	0.00	0.00	0.00	7.55	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	11-Jan-12 01:00:00	0.23	10.35	18.92	83.84	89.17				
11-Jan-12 02:00:00	11-Jan-12 03:00:00	0.00	0.00	0.00	0.00	7.55	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	11-Jan-12 02:00:00	0.23	10.35	18.92	83.84	89.17				
11-Jan-12 03:00:00	11-Jan-12 04:00:00	0.00	0.00	0.00	0.00	7.58	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	11-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.18				
11-Jan-12 04:00:00	11-Jan-12 05:00:00	0.00	0.00	0.00	0.00	7.63	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	11-Jan-12 04:00:00	0.23	10.35	18.92	83.84	89.19				
11-Jan-12 05:00:00	11-Jan-12 06:00:00	0.00	0.00	0.00	0.00	7.63	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	11-Jan-12 05:00:00	0.23	10.35	18.92	83.84	89.19				
11-Jan-12 06:00:00	11-Jan-12 07:00:00	0.00	0.00	0.00	0.00	7.63	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	11-Jan-12 06:00:00	0.23	10.35	18.92	83.84	89.19				
11-Jan-12 07:00:00	11-Jan-12 08:00:00	0.00	0.00	0.00	0.00	7.60	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	11-Jan-12 07:00:00	0.23	10.35	18.92	83.84	89.19				
11-Jan-12 08:00:00	11-Jan-12 09:00:00	0.00	0.00	0.00	0.00	7.53	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	11-Jan-12 08:00:00	0.23	10.35	18.92	83.84	89.16				
11-Jan-12 09:00:00	11-Jan-12 10:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	11-Jan-12 09:00:00	0.23	10.35	18.92	83.84	89.14				
11-Jan-12 10:00:00	11-Jan-12 11:00:00	0.00	0.00	0.00	0.00	7.42	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	11-Jan-12 10:00:00	0.23	10.35	18.92	83.84	89.13				
11-Jan-12 11:00:00	11-Jan-12 12:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	11-Jan-12 11:00:00	0.23	10.35	18.92	83.84	89.10				
11-Jan-12 12:00:00	11-Jan-12 13:00:00	0.00	0.00	0.00	0.00	7.25	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	11-Jan-12 12:00:00	0.23	10.35	18.92	83.84	89.07				
11-Jan-12 13:00:00	11-Jan-12 14:00:00	0.00	0.00	0.00	0.00	7.17	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	11-Jan-12 13:00:00	0.23	10.35	18.92	83.84	89.05				
11-Jan-12 14:00:00	11-Jan-12 15:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	11-Jan-12 14:00:00	0.23	10.35	18.92	83.84	89.02				
11-Jan-12 15:00:00	11-Jan-12 16:00:00	0.00	0.00	0.00	0.00	7.06	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	11-Jan-12 15:00:00	0.23	10.35	18.92	83.84	89.01				
11-Jan-12 16:00:00	11-Jan-12 17:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	11-Jan-12 16:00:00	0.23	10.35	18.92	83.84	89.01				
11-Jan-12 17:00:00	11-Jan-12 18:00:00	0.00	0.00	0.00	0.00	7.07	2.																					

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
13-Jan-12 00:00:00	13-Jan-12 01:00:00	0.00	8.42	0.00	0.00	8.89	2.1	329.7	0.00	2.77	0.00	0.00	2.93	0.23	10.35	18.92	83.84	86.68	13-Jan-12 00:00:00	0.23	13.12	18.92	83.84	89.61
13-Jan-12 01:00:00	13-Jan-12 02:00:00	0.00	3.94	0.00	0.00	9.18	2.1	329.7	0.00	1.30	0.00	0.00	3.03	0.23	10.35	18.92	83.84	86.68	13-Jan-12 01:00:00	0.23	11.65	18.92	83.84	89.71
13-Jan-12 02:00:00	13-Jan-12 03:00:00	0.00	6.51	0.00	0.00	9.47	2.1	329.7	0.00	2.15	0.00	0.00	3.12	0.23	10.35	18.92	83.84	86.68	13-Jan-12 02:00:00	0.23	12.50	18.92	83.84	89.80
13-Jan-12 03:00:00	13-Jan-12 04:00:00	0.00	4.50	0.00	0.00	9.72	2.1	329.7	0.00	1.48	0.00	0.00	3.20	0.23	10.35	18.92	83.84	86.68	13-Jan-12 03:00:00	0.23	11.83	18.92	83.84	89.88
13-Jan-12 04:00:00	13-Jan-12 05:00:00	0.00	0.72	0.00	0.00	9.75	2.1	329.7	0.00	0.24	0.00	0.00	3.21	0.23	10.35	18.92	83.84	86.68	13-Jan-12 04:00:00	0.23	10.59	18.92	83.84	89.89
13-Jan-12 05:00:00	13-Jan-12 06:00:00	0.00	1.62	0.00	0.00	9.75	2.1	329.7	0.00	0.53	0.00	0.00	3.21	0.23	10.35	18.92	83.84	86.68	13-Jan-12 05:00:00	0.23	10.88	18.92	83.84	89.89
13-Jan-12 06:00:00	13-Jan-12 07:00:00	0.00	3.25	0.00	0.00	9.74	2.1	329.7	0.00	1.07	0.00	0.00	3.21	0.23	10.35	18.92	83.84	86.68	13-Jan-12 06:00:00	0.23	11.42	18.92	83.84	89.89
13-Jan-12 07:00:00	13-Jan-12 08:00:00	0.00	5.67	0.00	0.00	9.77	2.1	329.7	0.00	1.87	0.00	0.00	3.22	0.23	10.35	18.92	83.84	86.68	13-Jan-12 07:00:00	0.23	12.22	18.92	83.84	89.90
13-Jan-12 08:00:00	13-Jan-12 09:00:00	0.00	5.13	0.00	0.00	9.68	2.1	329.7	0.00	1.69	0.00	0.00	3.19	0.23	10.35	18.92	83.84	86.68	13-Jan-12 08:00:00	0.23	12.04	18.92	83.84	89.87
13-Jan-12 09:00:00	13-Jan-12 10:00:00	0.00	0.55	0.00	0.00	9.51	2.1	329.7	0.00	0.18	0.00	0.00	3.14	0.23	10.35	18.92	83.84	86.68	13-Jan-12 09:00:00	0.23	10.53	18.92	83.84	89.82
13-Jan-12 10:00:00	13-Jan-12 11:00:00	0.00	0.00	0.00	0.00	9.34	2.1	329.7	0.00	0.00	0.00	0.00	3.08	0.23	10.35	18.92	83.84	86.68	13-Jan-12 10:00:00	0.23	10.35	18.92	83.84	89.76
13-Jan-12 11:00:00	13-Jan-12 12:00:00	0.00	0.00	0.00	0.00	9.21	2.1	329.7	0.00	0.00	0.00	0.00	3.04	0.23	10.35	18.92	83.84	86.68	13-Jan-12 11:00:00	0.23	10.35	18.92	83.84	89.72
13-Jan-12 12:00:00	13-Jan-12 13:00:00	0.00	0.00	0.00	0.00	8.95	2.1	329.7	0.00	0.00	0.00	0.00	2.95	0.23	10.35	18.92	83.84	86.68	13-Jan-12 12:00:00	0.23	10.35	18.92	83.84	89.63
13-Jan-12 13:00:00	13-Jan-12 14:00:00	0.00	0.00	0.00	0.00	8.62	2.1	329.7	0.00	0.00	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	13-Jan-12 13:00:00	0.23	10.35	18.92	83.84	89.52
13-Jan-12 14:00:00	13-Jan-12 15:00:00	0.00	0.84	0.00	0.00	8.29	2.1	329.7	0.00	0.28	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	13-Jan-12 14:00:00	0.23	10.63	18.92	83.84	89.41
13-Jan-12 15:00:00	13-Jan-12 16:00:00	0.00	2.18	0.00	0.00	8.05	2.1	329.7	0.00	0.72	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	13-Jan-12 15:00:00	0.23	11.07	18.92	83.84	89.33
13-Jan-12 16:00:00	13-Jan-12 17:00:00	0.00	0.06	0.00	0.00	8.06	2.1	329.7	0.00	0.02	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	13-Jan-12 16:00:00	0.23	10.37	18.92	83.84	89.34
13-Jan-12 17:00:00	13-Jan-12 18:00:00	0.00	0.00	0.00	0.00	8.05	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	13-Jan-12 17:00:00	0.23	10.35	18.92	83.84	89.34
13-Jan-12 18:00:00	13-Jan-12 19:00:00	0.00	0.00	0.00	0.00	8.05	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	13-Jan-12 18:00:00	0.23	10.35	18.92	83.84	89.33
13-Jan-12 19:00:00	13-Jan-12 20:00:00	0.00	0.00	0.00	0.00	8.06	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	13-Jan-12 19:00:00	0.23	10.35	18.92	83.84	89.34
13-Jan-12 20:00:00	13-Jan-12 21:00:00	0.00	0.00	0.00	0.00	8.18	2.1	329.7	0.00	0.00	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	13-Jan-12 20:00:00	0.23	10.35	18.92	83.84	89.38
13-Jan-12 21:00:00	13-Jan-12 22:00:00	0.00	0.00	0.00	0.00	8.32	2.1	329.7	0.00	0.00	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	13-Jan-12 21:00:00	0.23	10.35	18.92	83.84	89.42
13-Jan-12 22:00:00	13-Jan-12 23:00:00	0.00	0.00	0.00	0.00	8.46	2.1	329.7	0.00	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	13-Jan-12 22:00:00	0.23	10.35	18.92	83.84	89.47
13-Jan-12 23:00:00	14-Jan-12 00:00:00	0.00	0.06	10.92	0.00	8.60	2.1	329.7	0.00	0.02	3.60	0.00	2.84	0.23	10.35	18.92	83.84	86.68	13-Jan-12 23:00:00	0.23	10.37	22.52	83.84	89.52
14-Jan-12 00:00:00	14-Jan-12 01:00:00	0.00	4.20	0.02	0.00	8.75	2.1	329.7	0.00	1.39	0.01	0.00	2.89	0.23	10.35	18.92	83.84	86.68	14-Jan-12 00:00:00	0.23	11.74	18.93	83.84	89.57
14-Jan-12 01:00:00	14-Jan-12 02:00:00	0.00	6.24	0.00	0.00	8.90	2.1	329.7	0.00	2.06	0.00	0.00	2.93	0.23	10.35	18.92	83.84	86.68	14-Jan-12 01:00:00	0.23	12.41	18.92	83.84	89.61
14-Jan-12 02:00:00	14-Jan-12 03:00:00	0.00	7.87	0.00	0.00	9.05	2.1	329.7	0.00	2.60	0.00	0.00	2.98	0.23	10.35	18.92	83.84	86.68	14-Jan-12 02:00:00	0.23	12.95	18.92	83.84	89.66
14-Jan-12 03:00:00	14-Jan-12 04:00:00	0.00	8.00	0.00	0.00	9.17	2.1	329.7	0.00	2.64	0.00	0.00	3.02	0.23	10.35	18.92	83.84	86.68	14-Jan-12 03:00:00	0.23	12.99	18.92	83.84	89.70
14-Jan-12 04:00:00	14-Jan-12 05:00:00	0.00	7.69	0.00	0.00	9.18	2.1	329.7	0.00	2.54	0.00	0.00	3.03	0.23	10.35	18.92	83.84	86.68	14-Jan-12 04:00:00	0.23	12.89	18.92	83.84	89.71
14-Jan-12 05:00:00	14-Jan-12 06:00:00	0.00	8.35	0.00	0.00	9.19	2.1	329.7	0.00	2.75	0.00	0.00	3.03	0.23	10.35	18.92	83.84	86.68	14-Jan-12 05:00:00	0.23	13.10	18.92	83.84	89.71
14-Jan-12 06:00:00	14-Jan-12 07:00:00	0.00	18.59	0.00	0.00	9.20	2.1	329.7	0.00	6.13	0.00	0.00	3.03	0.23	10.35	18.92	83.84	86.68	14-Jan-12 06:00:00	0.23	16.48	18.92	83.84	89.71
14-Jan-12 07:00:00	14-Jan-12 08:00:00	0.00	4.00	0.00	0.00	9.17	2.1	329.7	0.00	1.32	0.00	0.00	3.02	0.23	10.35	18.92	83.84	86.68	14-Jan-12 07:00:00	0.23	11.67	18.92	83.84	89.70
14-Jan-12 08:00:00	14-Jan-12 09:00:00	0.00	8.62	0.00	0.00	8.91	2.1	329.7	0.00	2.84	0.00	0.00	2.94	0.23	10.35	18.92	83.84	86.68	14-Jan-12 08:00:00	0.23	13.19	18.92	83.84	89.62
14-Jan-12 09:00:00	14-Jan-12 10:00:00	0.00	14.36	0.00	0.00	8.62	2.1	329.7	0.00	4.73	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	14-Jan-12 09:00:00	0.23	15.08	18.92	83.84	89.52
14-Jan-12 10:00:00	14-Jan-12 11:00:00	0.00	14.03	0.00	0.00	8.33	2.1	329.7	0.00	4.63	0.00	0.00	2.75	0.23	10.35	18.92	83.84	86.68	14-Jan-12 10:00:00	0.23	14.98	18.92	83.84	89.43
14-Jan-12 11:00:00	14-Jan-12 12:00:00	0.00	7.04	0.00	0.00	8.06	2.1	329.7	0.00	2.32	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	14-Jan-12 11:00:00	0.23	12.67	18.92	83.84	89.34
14-Jan-12 12:00:00	14-Jan-12 13:00:00	0.00	5.33	0.00	0.00	7.90	2.1	329.7	0.00	1.76	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	14-Jan-12 12:00:00	0.23	12.11	18.92	83.84	89.29
14-Jan-12 13:00:00	14-Jan-12 14:00:00	0.00	2.25	0.00	0.00	7.71	2.1	329.7	0.00	0.74	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	14-Jan-12 13:00:00	0.23	11.09	18.92	8	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)							
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor				
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
16-Jan-12 00:00:00	16-Jan-12 01:00:00	1.63	0.00	0.00	0.00	8.14	2.1	329.7	0.54	0.00	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	16-Jan-12 00:00:00	0.77	10.35	18.92	83.84	89.36	
16-Jan-12 01:00:00	16-Jan-12 02:00:00	0.75	0.00	0.00	0.00	8.24	2.1	329.7	0.25	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	16-Jan-12 01:00:00	0.48	10.35	18.92	83.84	89.40	
16-Jan-12 02:00:00	16-Jan-12 03:00:00	1.41	0.00	0.00	0.00	8.34	2.1	329.7	0.47	0.00	0.00	0.00	2.75	0.23	10.35	18.92	83.84	86.68	16-Jan-12 02:00:00	0.70	10.35	18.92	83.84	89.43	
16-Jan-12 03:00:00	16-Jan-12 04:00:00	0.50	0.00	0.00	0.00	8.45	2.1	329.7	0.17	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	16-Jan-12 03:00:00	0.40	10.35	18.92	83.84	89.47	
16-Jan-12 04:00:00	16-Jan-12 05:00:00	1.69	0.00	0.00	0.00	8.44	2.1	329.7	0.56	0.00	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	16-Jan-12 04:00:00	0.79	10.35	18.92	83.84	89.44	
16-Jan-12 05:00:00	16-Jan-12 06:00:00	3.03	0.00	0.00	0.00	8.38	2.1	329.7	1.00	0.00	0.00	0.00	2.76	0.23	10.35	18.92	83.84	86.68	16-Jan-12 05:00:00	1.23	10.35	18.92	83.84	89.46	
16-Jan-12 06:00:00	16-Jan-12 07:00:00	2.44	0.00	0.00	0.00	8.32	2.1	329.7	0.81	0.00	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	16-Jan-12 06:00:00	1.04	10.35	18.92	83.84	89.42	
16-Jan-12 07:00:00	16-Jan-12 08:00:00	1.85	0.00	0.00	6.75	8.30	2.1	329.7	0.61	0.00	0.00	2.23	2.74	0.23	10.35	18.92	83.84	86.68	16-Jan-12 07:00:00	0.84	10.35	18.92	83.84	89.42	
16-Jan-12 08:00:00	16-Jan-12 09:00:00	1.24	0.03	0.00	0.00	8.14	2.1	329.7	0.41	0.01	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	16-Jan-12 08:00:00	0.64	10.36	18.92	83.84	89.36	
16-Jan-12 09:00:00	16-Jan-12 10:00:00	0.31	0.77	0.00	0.00	7.88	2.1	329.7	0.10	0.25	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	16-Jan-12 09:00:00	0.33	10.60	18.92	83.84	89.28	
16-Jan-12 10:00:00	16-Jan-12 11:00:00	0.00	1.83	0.00	0.00	7.63	2.1	329.7	0.00	0.60	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	16-Jan-12 10:00:00	0.23	10.95	18.92	83.84	89.20	
16-Jan-12 11:00:00	16-Jan-12 12:00:00	0.00	0.57	0.00	0.00	7.32	2.1	329.7	0.00	0.19	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	16-Jan-12 11:00:00	0.23	10.54	18.92	83.84	89.09	
16-Jan-12 12:00:00	16-Jan-12 13:00:00	0.00	0.00	0.00	0.00	7.05	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	16-Jan-12 12:00:00	0.23	10.35	18.92	83.84	89.01	
16-Jan-12 13:00:00	16-Jan-12 14:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	16-Jan-12 13:00:00	0.23	10.35	18.92	83.84	88.94	
16-Jan-12 14:00:00	16-Jan-12 15:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	16-Jan-12 14:00:00	0.23	10.35	18.92	83.84	88.87	
16-Jan-12 15:00:00	16-Jan-12 16:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	16-Jan-12 15:00:00	0.23	10.35	18.92	83.84	88.82	
16-Jan-12 16:00:00	16-Jan-12 17:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	16-Jan-12 16:00:00	0.23	10.35	18.92	83.84	88.83	
16-Jan-12 17:00:00	16-Jan-12 18:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	16-Jan-12 17:00:00	0.23	10.35	18.92	83.84	88.84	
16-Jan-12 18:00:00	16-Jan-12 19:00:00	0.00	0.00	0.00	0.00	6.60	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	16-Jan-12 18:00:00	0.23	10.35	18.92	83.84	88.86	
16-Jan-12 19:00:00	16-Jan-12 20:00:00	0.18	0.00	0.00	0.00	6.70	2.1	329.7	0.06	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	16-Jan-12 19:00:00	0.29	10.35	18.92	83.84	88.89	
16-Jan-12 20:00:00	16-Jan-12 21:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	16-Jan-12 20:00:00	0.23	10.35	18.92	83.84	88.93	
16-Jan-12 21:00:00	16-Jan-12 22:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	16-Jan-12 21:00:00	0.23	10.35	18.92	83.84	88.94	
16-Jan-12 22:00:00	16-Jan-12 23:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	16-Jan-12 22:00:00	0.23	10.35	18.92	83.84	88.95	
16-Jan-12 23:00:00	17-Jan-12 00:00:00	0.56	0.00	0.00	0.00	6.90	2.1	329.7	0.18	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	16-Jan-12 23:00:00	0.41	10.35	18.92	83.84	88.95	
17-Jan-12 00:00:00	17-Jan-12 01:00:00	0.00	0.00	0.00	3.40	6.82	2.1	329.7	0.00	0.00	0.00	1.12	2.25	0.23	10.35	18.92	83.84	86.68	17-Jan-12 00:00:00	0.23	10.35	18.92	83.84	88.93	
17-Jan-12 01:00:00	17-Jan-12 02:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	17-Jan-12 01:00:00	0.23	10.35	18.92	83.84	88.90	
17-Jan-12 02:00:00	17-Jan-12 03:00:00	0.00	0.00	0.00	0.00	6.63	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	17-Jan-12 02:00:00	0.23	10.35	18.92	83.84	88.87	
17-Jan-12 03:00:00	17-Jan-12 04:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	17-Jan-12 03:00:00	0.23	10.35	18.92	83.84	88.83	
17-Jan-12 04:00:00	17-Jan-12 05:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	17-Jan-12 04:00:00	0.23	10.35	18.92	83.84	88.85	
17-Jan-12 05:00:00	17-Jan-12 06:00:00	0.00	0.00	0.00	0.00	6.69	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	17-Jan-12 05:00:00	0.23	10.35	18.92	83.84	88.89	
17-Jan-12 06:00:00	17-Jan-12 07:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	17-Jan-12 06:00:00	0.23	10.35	18.92	83.84	88.93	
17-Jan-12 07:00:00	17-Jan-12 08:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	17-Jan-12 07:00:00	0.23	10.35	18.92	83.84	88.95	
17-Jan-12 08:00:00	17-Jan-12 09:00:00	0.00	0.00	0.00	0.00	6.79	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	17-Jan-12 08:00:00	0.23	10.35	18.92	83.84	88.92	
17-Jan-12 09:00:00	17-Jan-12 10:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	17-Jan-12 09:00:00	0.23	10.35	18.92	83.84	88.88	
17-Jan-12 10:00:00	17-Jan-12 11:00:00	0.00	1.22	0.00	0.00	6.55	2.1	329.7	0.00	0.40	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	17-Jan-12 10:00:00	0.23	10.75	18.92	83.84	88.84	
17-Jan-12 11:00:00	17-Jan-12 12:00:00	0.00	2.97	0.00	0.00	6.43	2.1	329.7	0.00	0.98	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	17-Jan-12 11:00:00	0.23	11.33	18.92	83.84	88.80	
17-Jan-12 12:00:00	17-Jan-12 13:00:00	0.00	1.84	0.00	0.00	6.31	2.1	329.7	0.00	0.61	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	17-Jan-12 12:00:00	0.23	10.96	18.92	83.84	88.76	
17-Jan-12 13:00:00	17-Jan-12 14:00:00	0.00	1.13	0.00	0.00	6.18	2.1	329.7	0.00	0.37	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	17-Jan-12 13:00:00	0.23	10.72				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
19-Jan-12 00:00:00	19-Jan-12 01:00:00	1,391.91	0.63	0.00	201.33	8.35	2.1	329.7	458.91	0.21	0.00	66.38	2.75	0.23	10.35	18.92	83.84	86.68	19-Jan-12 00:00:00	459.14	10.56	18.92	150.22	89.43
19-Jan-12 01:00:00	19-Jan-12 02:00:00	1,456.03	0.06	0.00	234.50	8.47	2.1	329.7	480.05	0.02	0.00	77.32	2.79	0.23	10.35	18.92	83.84	86.68	19-Jan-12 01:00:00	480.28	10.37	18.92	161.16	89.47
19-Jan-12 02:00:00	19-Jan-12 03:00:00	1,561.30	0.00	0.00	267.17	8.59	2.1	329.7	514.76	0.00	0.00	88.09	2.83	0.23	10.35	18.92	83.84	86.68	19-Jan-12 02:00:00	514.99	10.35	18.92	171.93	89.51
19-Jan-12 03:00:00	19-Jan-12 04:00:00	1,469.97	0.13	0.00	278.06	8.66	2.1	329.7	484.65	0.00	0.00	91.68	2.86	0.23	10.35	18.92	83.84	86.68	19-Jan-12 03:00:00	484.88	10.39	18.92	175.52	89.54
19-Jan-12 04:00:00	19-Jan-12 05:00:00	1,751.22	0.00	0.00	266.11	8.72	2.1	329.7	577.38	0.00	0.00	87.74	2.88	0.23	10.35	18.92	83.84	86.68	19-Jan-12 04:00:00	577.61	10.35	18.92	171.58	89.56
19-Jan-12 05:00:00	19-Jan-12 06:00:00	1,550.75	0.00	0.00	279.62	8.78	2.1	329.7	511.28	0.00	0.00	92.19	2.90	0.23	10.35	18.92	83.84	86.68	19-Jan-12 05:00:00	511.51	10.35	18.92	176.03	89.58
19-Jan-12 06:00:00	19-Jan-12 07:00:00	1,620.21	0.78	0.00	315.53	8.83	2.1	329.7	534.18	0.26	0.00	104.03	2.91	0.23	10.35	18.92	83.84	86.68	19-Jan-12 06:00:00	534.41	10.61	18.92	187.87	89.59
19-Jan-12 07:00:00	19-Jan-12 08:00:00	1,663.02	0.47	0.00	297.15	8.76	2.1	329.7	548.30	0.16	0.00	97.97	2.89	0.23	10.35	18.92	83.84	86.68	19-Jan-12 07:00:00	548.53	10.51	18.92	181.81	89.57
19-Jan-12 08:00:00	19-Jan-12 09:00:00	1,201.91	0.32	0.00	296.52	8.69	2.1	329.7	396.27	0.10	0.00	97.76	2.87	0.23	10.35	18.92	83.84	86.68	19-Jan-12 08:00:00	396.50	10.45	18.92	181.60	89.55
19-Jan-12 09:00:00	19-Jan-12 10:00:00	1,277.38	0.16	0.00	294.78	8.62	2.1	329.7	421.15	0.05	0.00	97.19	2.84	0.23	10.35	18.92	83.84	86.68	19-Jan-12 09:00:00	421.38	10.40	18.92	181.03	89.52
19-Jan-12 10:00:00	19-Jan-12 11:00:00	1,583.47	0.02	0.00	282.38	8.52	2.1	329.7	522.07	0.01	0.00	93.10	2.81	0.23	10.35	18.92	83.84	86.68	19-Jan-12 10:00:00	522.30	10.36	18.92	176.94	89.49
19-Jan-12 11:00:00	19-Jan-12 12:00:00	1,508.84	0.00	0.00	252.69	8.17	2.1	329.7	497.47	0.00	0.00	83.31	2.69	0.23	10.35	18.92	83.84	86.68	19-Jan-12 11:00:00	497.70	10.35	18.92	167.15	89.37
19-Jan-12 12:00:00	19-Jan-12 13:00:00	1,520.48	0.00	0.00	214.92	7.80	2.1	329.7	501.30	0.00	0.00	70.86	2.57	0.23	10.35	18.92	83.84	86.68	19-Jan-12 12:00:00	501.53	10.35	18.92	154.70	89.25
19-Jan-12 13:00:00	19-Jan-12 14:00:00	1,811.62	0.00	0.00	169.06	7.43	2.1	329.7	597.29	0.00	0.00	55.74	2.45	0.23	10.35	18.92	83.84	86.68	19-Jan-12 13:00:00	597.52	10.35	18.92	139.58	89.13
19-Jan-12 14:00:00	19-Jan-12 15:00:00	1,526.15	0.00	0.00	236.32	7.08	2.1	329.7	503.17	0.00	0.00	77.91	2.34	0.23	10.35	18.92	83.84	86.68	19-Jan-12 14:00:00	503.40	10.35	18.92	161.75	89.02
19-Jan-12 15:00:00	19-Jan-12 16:00:00	1,345.85	0.00	0.00	226.25	7.02	2.1	329.7	443.73	0.00	0.00	74.59	2.31	0.23	10.35	18.92	83.84	86.68	19-Jan-12 15:00:00	443.96	10.35	18.92	158.43	88.99
19-Jan-12 16:00:00	19-Jan-12 17:00:00	1,197.95	0.00	0.00	201.83	7.00	2.1	329.7	394.97	0.00	0.00	66.54	2.31	0.23	10.35	18.92	83.84	86.68	19-Jan-12 16:00:00	395.20	10.35	18.92	150.38	88.99
19-Jan-12 17:00:00	19-Jan-12 18:00:00	1,147.13	0.00	0.00	193.25	6.98	2.1	329.7	378.21	0.00	0.00	63.72	2.30	0.23	10.35	18.92	83.84	86.68	19-Jan-12 17:00:00	378.44	10.35	18.92	147.56	88.98
19-Jan-12 18:00:00	19-Jan-12 19:00:00	1,180.52	0.00	0.00	190.96	6.98	2.1	329.7	389.22	0.00	0.00	62.96	2.30	0.23	10.35	18.92	83.84	86.68	19-Jan-12 18:00:00	389.45	10.35	18.92	146.80	88.98
19-Jan-12 19:00:00	19-Jan-12 20:00:00	1,209.90	0.00	0.00	210.97	7.11	2.1	329.7	398.20	0.00	0.00	69.56	2.34	0.23	10.35	18.92	83.84	86.68	19-Jan-12 19:00:00	399.13	10.35	18.92	153.40	89.02
19-Jan-12 20:00:00	19-Jan-12 21:00:00	1,464.79	0.00	0.00	212.95	7.28	2.1	329.7	482.94	0.00	0.00	70.21	2.40	0.23	10.35	18.92	83.84	86.68	19-Jan-12 20:00:00	483.17	10.35	18.92	154.05	89.08
19-Jan-12 21:00:00	19-Jan-12 22:00:00	1,381.24	0.00	0.00	199.54	7.45	2.1	329.7	455.39	0.00	0.00	65.79	2.46	0.23	10.35	18.92	83.84	86.68	19-Jan-12 21:00:00	455.62	10.35	18.92	149.63	89.14
19-Jan-12 22:00:00	19-Jan-12 23:00:00	1,352.71	0.00	0.00	199.67	7.60	2.1	329.7	445.99	0.00	0.00	65.83	2.50	0.23	10.35	18.92	83.84	86.68	19-Jan-12 22:00:00	446.22	10.35	18.92	149.67	89.18
19-Jan-12 23:00:00	20-Jan-12 00:00:00	1,281.63	0.00	0.00	184.66	7.73	2.1	329.7	422.55	0.00	0.00	60.88	2.55	0.23	10.35	18.92	83.84	86.68	19-Jan-12 23:00:00	422.78	10.35	18.92	144.72	89.23
20-Jan-12 00:00:00	20-Jan-12 01:00:00	1,011.50	0.00	0.00	232.16	7.93	2.1	329.7	333.49	0.00	0.00	76.54	2.62	0.23	10.35	18.92	83.84	86.68	20-Jan-12 00:00:00	333.72	10.35	18.92	160.38	89.30
20-Jan-12 01:00:00	20-Jan-12 02:00:00	929.98	0.00	0.00	234.80	8.14	2.1	329.7	306.61	0.00	0.00	77.41	2.68	0.23	10.35	18.92	83.84	86.68	20-Jan-12 01:00:00	306.84	10.35	18.92	161.25	89.36
20-Jan-12 02:00:00	20-Jan-12 03:00:00	1,158.88	0.00	0.00	245.98	8.28	2.1	329.7	382.08	0.00	0.00	81.10	2.73	0.23	10.35	18.92	83.84	86.68	20-Jan-12 02:00:00	382.31	10.35	18.92	164.94	89.41
20-Jan-12 03:00:00	20-Jan-12 04:00:00	1,142.82	0.00	0.00	212.11	8.14	2.1	329.7	376.79	0.00	0.00	69.93	2.69	0.23	10.35	18.92	83.84	86.68	20-Jan-12 03:00:00	377.02	10.35	18.92	157.77	89.37
20-Jan-12 04:00:00	20-Jan-12 05:00:00	1,166.89	0.00	0.00	215.49	8.10	2.1	329.7	384.72	0.00	0.00	71.05	2.67	0.23	10.35	18.92	83.84	86.68	20-Jan-12 04:00:00	384.95	10.35	18.92	154.89	89.35
20-Jan-12 05:00:00	20-Jan-12 06:00:00	982.33	0.00	0.00	208.80	8.05	2.1	329.7	323.87	0.00	0.00	68.84	2.65	0.23	10.35	18.92	83.84	86.68	20-Jan-12 05:00:00	324.10	10.35	18.92	152.68	89.33
20-Jan-12 06:00:00	20-Jan-12 07:00:00	1,357.42	0.00	0.00	207.36	7.96	2.1	329.7	447.54	0.00	0.00	68.37	2.62	0.23	10.35	18.92	83.84	86.68	20-Jan-12 06:00:00	447.77	10.35	18.92	152.21	89.30
20-Jan-12 07:00:00	20-Jan-12 08:00:00	983.33	0.00	0.00	224.63	7.68	2.1	329.7	324.20	0.00	0.00	74.06	2.53	0.23	10.35	18.92	83.84	86.68	20-Jan-12 07:00:00	324.43	10.35	18.92	157.90	89.21
20-Jan-12 08:00:00	20-Jan-12 09:00:00	869.20	0.00	0.00	231.67	7.46	2.1	329.7	286.57	0.00	0.00	76.38	2.46	0.23	10.35	18.92	83.84	86.68	20-Jan-12 08:00:00	286.80	10.35	18.92	160.22	89.14
20-Jan-12 09:00:00	20-Jan-12 10:00:00	1,082.26	0.00	0.00	127.24	7.24	2.1	329.7	356.82	0.00	0.00	41.95	2.39	0.23	10.35	18.92	83.84	86.68	20-Jan-12 09:00:00	357.05	10.35	18.92	125.79	89.07
20-Jan-12 10:00:00	20-Jan-12 11:00:00	1,342.71	0.00	0.00	70.4	7.04	2.1	329.7	442.69	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	20-Jan-12 10:00:00	442.92	10.35	18.92	83.84	89.00
20-Jan-12 11:00:00	20-Jan-12 12:00:00	1,530.01	0.00	0.00	0.24	6.96	2.1	329.7	120.44	0.00	0.00	0.08	2.29	0.23	10.35	18.92	83.84	86.68	20-Jan-12 11:00:00	504.67	10.35	18.92	83.92	88.97
20-Jan-12 12:00:00	20-Jan-12 13:00:00	1,469.44	0.00	0.00	0.00	6.90	2.1	329.7	484.48	0.00	0.00													

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
22-Jan-12 00:00:00	22-Jan-12 01:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	22-Jan-12 00:00:00	0.23	10.35	18.92	83.84	88.99
22-Jan-12 01:00:00	22-Jan-12 02:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	22-Jan-12 01:00:00	0.23	10.35	18.92	83.84	89.06
22-Jan-12 02:00:00	22-Jan-12 03:00:00	0.00	0.00	0.00	0.00	7.43	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	22-Jan-12 02:00:00	0.23	10.35	18.92	83.84	89.13
22-Jan-12 03:00:00	22-Jan-12 04:00:00	0.00	0.00	0.00	0.00	7.59	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	22-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.18
22-Jan-12 04:00:00	22-Jan-12 05:00:00	0.00	0.00	0.00	0.00	7.74	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	22-Jan-12 04:00:00	0.23	10.35	18.92	83.84	89.23
22-Jan-12 05:00:00	22-Jan-12 06:00:00	0.00	0.00	0.00	0.00	7.90	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	22-Jan-12 05:00:00	0.23	10.35	18.92	83.84	89.28
22-Jan-12 06:00:00	22-Jan-12 07:00:00	0.00	0.00	0.00	0.00	8.11	2.1	329.7	0.00	0.00	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	22-Jan-12 06:00:00	0.23	10.35	18.92	83.84	89.36
22-Jan-12 07:00:00	22-Jan-12 08:00:00	0.00	0.00	0.00	0.00	8.36	2.1	329.7	0.00	0.00	0.00	0.00	2.76	0.23	10.35	18.92	83.84	86.68	22-Jan-12 07:00:00	0.23	10.35	18.92	83.84	89.44
22-Jan-12 08:00:00	22-Jan-12 09:00:00	0.00	0.00	0.00	0.00	8.39	2.1	329.7	0.00	0.00	0.00	0.00	2.77	0.23	10.35	18.92	83.84	86.68	22-Jan-12 08:00:00	0.23	10.35	18.92	83.84	89.45
22-Jan-12 09:00:00	22-Jan-12 10:00:00	0.00	0.00	0.00	0.00	8.43	2.1	329.7	0.00	0.00	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	22-Jan-12 09:00:00	0.23	10.35	18.92	83.84	89.46
22-Jan-12 10:00:00	22-Jan-12 11:00:00	0.00	0.00	0.00	0.00	8.46	2.1	329.7	0.00	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	22-Jan-12 10:00:00	0.23	10.35	18.92	83.84	89.47
22-Jan-12 11:00:00	22-Jan-12 12:00:00	0.00	0.00	0.00	0.00	8.42	2.1	329.7	0.00	0.00	0.00	0.00	2.77	0.23	10.35	18.92	83.84	86.68	22-Jan-12 11:00:00	0.23	10.35	18.92	83.84	89.45
22-Jan-12 12:00:00	22-Jan-12 13:00:00	0.00	0.00	0.00	0.00	8.30	2.1	329.7	0.00	0.00	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	22-Jan-12 12:00:00	0.23	10.35	18.92	83.84	89.42
22-Jan-12 13:00:00	22-Jan-12 14:00:00	0.06	0.00	0.00	0.00	8.18	2.1	329.7	0.02	0.00	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	22-Jan-12 13:00:00	0.25	10.35	18.92	83.84	89.38
22-Jan-12 14:00:00	22-Jan-12 15:00:00	0.00	0.00	0.00	0.00	8.08	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	22-Jan-12 14:00:00	0.23	10.35	18.92	83.84	89.34
22-Jan-12 15:00:00	22-Jan-12 16:00:00	0.00	0.00	0.00	0.00	8.06	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	22-Jan-12 15:00:00	0.23	10.35	18.92	83.84	89.34
22-Jan-12 16:00:00	22-Jan-12 17:00:00	0.00	0.00	0.00	0.00	8.06	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	22-Jan-12 16:00:00	0.23	10.35	18.92	83.84	89.34
22-Jan-12 17:00:00	22-Jan-12 18:00:00	0.00	0.00	0.00	0.00	8.05	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	22-Jan-12 17:00:00	0.23	10.35	18.92	83.84	89.33
22-Jan-12 18:00:00	22-Jan-12 19:00:00	0.00	0.00	0.00	0.00	8.03	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	22-Jan-12 18:00:00	0.23	10.35	18.92	83.84	89.33
22-Jan-12 19:00:00	22-Jan-12 20:00:00	0.00	0.00	0.00	6.31	7.99	2.1	329.7	0.00	0.00	0.00	2.08	2.64	0.23	10.35	18.92	83.84	86.68	22-Jan-12 19:00:00	0.23	10.35	18.92	85.92	89.32
22-Jan-12 20:00:00	22-Jan-12 21:00:00	0.00	0.00	0.00	0.00	8.01	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	22-Jan-12 20:00:00	0.23	10.35	18.92	83.84	89.32
22-Jan-12 21:00:00	22-Jan-12 22:00:00	0.00	0.00	0.00	0.00	8.02	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	22-Jan-12 21:00:00	0.23	10.35	18.92	83.84	89.32
22-Jan-12 22:00:00	22-Jan-12 23:00:00	0.00	0.00	0.00	0.00	8.05	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	22-Jan-12 22:00:00	0.23	10.35	18.92	83.84	89.33
22-Jan-12 23:00:00	23-Jan-12 00:00:00	0.00	0.00	0.00	0.00	8.07	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	22-Jan-12 23:00:00	0.23	10.35	18.92	83.84	89.34
23-Jan-12 00:00:00	23-Jan-12 01:00:00	0.00	0.00	0.00	0.00	8.04	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	23-Jan-12 00:00:00	0.23	10.35	18.92	83.84	89.33
23-Jan-12 01:00:00	23-Jan-12 02:00:00	0.00	0.00	0.00	0.00	8.01	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	23-Jan-12 01:00:00	0.23	10.35	18.92	83.84	89.32
23-Jan-12 02:00:00	23-Jan-12 03:00:00	0.00	0.00	0.00	0.00	8.00	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	23-Jan-12 02:00:00	0.23	10.35	18.92	83.84	89.32
23-Jan-12 03:00:00	23-Jan-12 04:00:00	0.00	0.00	0.00	0.00	8.04	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	23-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.33
23-Jan-12 04:00:00	23-Jan-12 05:00:00	0.00	0.00	0.00	0.00	8.03	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	23-Jan-12 04:00:00	0.23	10.35	18.92	83.84	89.33
23-Jan-12 05:00:00	23-Jan-12 06:00:00	0.00	0.00	0.00	0.00	8.02	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	23-Jan-12 05:00:00	0.23	10.35	18.92	83.84	89.32
23-Jan-12 06:00:00	23-Jan-12 07:00:00	0.00	0.00	0.00	0.00	7.98	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	23-Jan-12 06:00:00	0.23	10.35	18.92	83.84	89.31
23-Jan-12 07:00:00	23-Jan-12 08:00:00	0.00	0.00	0.00	0.00	7.90	2.1	329.7	0.00	0.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	23-Jan-12 07:00:00	0.23	10.35	18.92	83.84	89.29
23-Jan-12 08:00:00	23-Jan-12 09:00:00	1.01	0.00	0.00	0.00	7.92	2.1	329.7	0.33	0.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	23-Jan-12 08:00:00	0.56	10.35	18.92	83.84	89.29
23-Jan-12 09:00:00	23-Jan-12 10:00:00	0.62	0.00	0.00	0.00	7.95	2.1	329.7	0.20	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	23-Jan-12 09:00:00	0.43	10.35	18.92	83.84	89.30
23-Jan-12 10:00:00	23-Jan-12 11:00:00	0.00	0.00	0.00	0.00	7.95	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	23-Jan-12 10:00:00	0.23	10.35	18.92	83.84	89.30
23-Jan-12 11:00:00	23-Jan-12 12:00:00	0.00	0.00	0.00	0.00	7.82	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	23-Jan-12 11:00:00	0.23	10.35	18.92	83.84	89.26
23-Jan-12 12:00:00	23-Jan-12 13:00:00	0.00	0.00	0.00	0.00	7.69	2.1	329.7	0.00	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	23-Jan-12 12:00:00	0.23	10.35	18.92	83.84	89.21
23-Jan-12 13:00:00	23-Jan-12 14:00:00	0.00	0.00	0.00	0.00	7.55	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	23-Jan-12 13:00:00	0.23	10.35	18.92	83.84	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
25-Jan-12 00:00:00	25-Jan-12 01:00:00	0.00	0.00	996.04	0.00	7.46	2.1	329.7	0.00	0.00	328.39	0.00	2.46	0.23	10.35	18.92	83.84	86.68	25-Jan-12 00:00:00	0.23	10.35	347.31	83.84	89.14
25-Jan-12 01:00:00	25-Jan-12 02:00:00	0.00	0.00	741.24	0.00	7.63	2.1	329.7	0.00	0.00	244.39	0.00	2.52	0.23	10.35	18.92	83.84	86.68	25-Jan-12 01:00:00	0.23	10.35	263.31	83.84	89.20
25-Jan-12 02:00:00	25-Jan-12 03:00:00	0.00	0.00	567.27	0.00	7.78	2.1	329.7	0.00	0.00	187.03	0.00	2.56	0.23	10.35	18.92	83.84	86.68	25-Jan-12 02:00:00	0.23	10.35	205.95	83.84	89.24
25-Jan-12 03:00:00	25-Jan-12 04:00:00	0.00	0.00	104.95	0.00	7.92	2.1	329.7	0.00	0.00	34.60	0.00	2.61	0.23	10.35	18.92	83.84	86.68	25-Jan-12 03:00:00	0.23	10.35	53.52	83.84	89.29
25-Jan-12 04:00:00	25-Jan-12 05:00:00	0.22	0.00	0.00	0.00	8.04	2.1	329.7	0.07	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	25-Jan-12 04:00:00	0.30	10.35	18.92	83.84	89.33
25-Jan-12 05:00:00	25-Jan-12 06:00:00	0.00	0.00	0.00	0.00	7.94	2.1	329.7	0.00	0.00	2.62	0.00	2.62	0.23	10.35	18.92	83.84	86.68	25-Jan-12 05:00:00	0.23	10.35	18.92	83.84	89.30
25-Jan-12 06:00:00	25-Jan-12 07:00:00	0.00	0.00	0.00	0.00	7.80	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	25-Jan-12 06:00:00	0.23	10.35	18.92	83.84	89.25
25-Jan-12 07:00:00	25-Jan-12 08:00:00	0.00	0.00	0.00	0.00	7.66	2.1	329.7	0.00	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	25-Jan-12 07:00:00	0.23	10.35	18.92	83.84	89.21
25-Jan-12 08:00:00	25-Jan-12 09:00:00	0.21	0.00	0.00	0.00	7.53	2.1	329.7	0.07	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	25-Jan-12 08:00:00	0.30	10.35	18.92	83.84	89.16
25-Jan-12 09:00:00	25-Jan-12 10:00:00	0.00	0.00	0.00	0.00	7.33	2.1	329.7	0.00	0.00	2.42	0.00	2.42	0.23	10.35	18.92	83.84	86.68	25-Jan-12 09:00:00	0.23	10.35	18.92	83.84	89.10
25-Jan-12 10:00:00	25-Jan-12 11:00:00	0.00	0.00	0.00	5.90	7.03	2.1	329.7	0.00	0.00	1.95	2.32	0.23	10.35	18.92	83.84	86.68	25-Jan-12 10:00:00	0.23	10.35	18.92	85.79	89.00	
25-Jan-12 11:00:00	25-Jan-12 12:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	25-Jan-12 11:00:00	0.23	10.35	18.92	83.84	88.90	
25-Jan-12 12:00:00	25-Jan-12 13:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	2.13	0.23	0.23	10.35	18.92	83.84	86.68	25-Jan-12 12:00:00	0.23	10.35	18.92	83.84	88.81	
25-Jan-12 13:00:00	25-Jan-12 14:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	2.07	0.23	0.23	10.35	18.92	83.84	86.68	25-Jan-12 13:00:00	0.23	10.35	18.92	83.84	88.75	
25-Jan-12 14:00:00	25-Jan-12 15:00:00	0.00	0.00	0.00	0.00	6.14	2.1	329.7	0.00	0.00	2.02	0.23	0.23	10.35	18.92	83.84	86.68	25-Jan-12 14:00:00	0.23	10.35	18.92	83.84	88.70	
25-Jan-12 15:00:00	25-Jan-12 16:00:00	0.00	0.00	0.00	1.01	5.99	2.1	329.7	0.00	0.00	0.33	1.97	0.23	10.35	18.92	83.84	86.68	25-Jan-12 15:00:00	0.23	10.35	18.92	84.17	88.65	
25-Jan-12 16:00:00	25-Jan-12 17:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	25-Jan-12 16:00:00	0.23	10.35	18.92	83.84	88.61	
25-Jan-12 17:00:00	25-Jan-12 18:00:00	0.00	0.28	0.00	0.00	5.99	2.1	329.7	0.00	0.09	0.00	1.97	0.23	10.35	18.92	83.84	86.68	25-Jan-12 17:00:00	0.23	10.44	18.92	83.84	88.65	
25-Jan-12 18:00:00	25-Jan-12 19:00:00	0.00	0.29	0.00	0.00	6.27	2.1	329.7	0.00	0.09	0.00	2.07	0.23	10.35	18.92	83.84	86.68	25-Jan-12 18:00:00	0.23	10.44	18.92	83.84	88.75	
25-Jan-12 19:00:00	25-Jan-12 20:00:00	0.00	0.18	0.00	0.00	6.56	2.1	329.7	0.00	0.06	0.00	2.16	0.23	10.35	18.92	83.84	86.68	25-Jan-12 19:00:00	0.23	10.41	18.92	83.84	88.84	
25-Jan-12 20:00:00	25-Jan-12 21:00:00	0.00	0.12	0.00	0.00	6.85	2.1	329.7	0.00	0.04	0.00	2.26	0.23	10.35	18.92	83.84	86.68	25-Jan-12 20:00:00	0.23	10.39	18.92	83.84	88.94	
25-Jan-12 21:00:00	25-Jan-12 22:00:00	0.00	0.05	0.00	0.00	7.06	2.1	329.7	0.00	0.02	0.00	2.33	0.23	10.35	18.92	83.84	86.68	25-Jan-12 21:00:00	0.23	10.37	18.92	83.84	89.01	
25-Jan-12 22:00:00	25-Jan-12 23:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	25-Jan-12 22:00:00	0.23	10.35	18.92	83.84	89.05	
25-Jan-12 23:00:00	26-Jan-12 00:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	25-Jan-12 23:00:00	0.23	10.35	18.92	83.84	89.08	
26-Jan-12 00:00:00	26-Jan-12 01:00:00	0.00	0.00	0.00	0.00	7.40	2.1	329.7	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	26-Jan-12 00:00:00	0.23	10.35	18.92	83.84	89.12	
26-Jan-12 01:00:00	26-Jan-12 02:00:00	0.00	0.00	0.00	0.00	7.40	2.1	329.7	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	26-Jan-12 01:00:00	0.23	10.35	18.92	83.84	89.12	
26-Jan-12 02:00:00	26-Jan-12 03:00:00	0.00	0.00	0.00	0.00	7.36	2.1	329.7	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	26-Jan-12 02:00:00	0.23	10.35	18.92	83.84	89.11	
26-Jan-12 03:00:00	26-Jan-12 04:00:00	0.00	0.00	0.00	0.00	7.32	2.1	329.7	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	26-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.09	
26-Jan-12 04:00:00	26-Jan-12 05:00:00	0.00	0.00	0.00	0.00	7.26	2.1	329.7	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	26-Jan-12 04:00:00	0.23	10.35	18.92	83.84	89.07	
26-Jan-12 05:00:00	26-Jan-12 06:00:00	0.00	0.00	0.00	0.00	7.13	2.1	329.7	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	26-Jan-12 05:00:00	0.23	10.35	18.92	83.84	89.03	
26-Jan-12 06:00:00	26-Jan-12 07:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	26-Jan-12 06:00:00	0.23	10.35	18.92	83.84	89.01	
26-Jan-12 07:00:00	26-Jan-12 08:00:00	0.00	0.00	0.00	0.00	7.03	2.1	329.7	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	26-Jan-12 07:00:00	0.23	10.35	18.92	83.84	89.00	
26-Jan-12 08:00:00	26-Jan-12 09:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	26-Jan-12 08:00:00	0.23	10.35	18.92	83.84	88.98	
26-Jan-12 09:00:00	26-Jan-12 10:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	26-Jan-12 09:00:00	0.23	10.35	18.92	83.84	88.94	
26-Jan-12 10:00:00	26-Jan-12 11:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	26-Jan-12 10:00:00	0.23	10.35	18.92	83.84	88.89	
26-Jan-12 11:00:00	26-Jan-12 12:00:00	0.00	0.00	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	26-Jan-12 11:00:00	0.23	10.35	18.92	83.84	88.85	
26-Jan-12 12:00:00	26-Jan-12 13:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	26-Jan-12 12:00:00	0.23	10.35	18.92	83.84	88.80	
26-Jan-12 13:00:00	26-Jan-12 14:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	26-Jan-12 13:00:00	0.23	10.35	18.92	83.84	88.73	
26-Jan-12 14:00:00	26-Jan-12 15:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	26-Jan-12 14:00:00	0.23	1				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
28-Jan-12 00:00:00	28-Jan-12 01:00:00	0.48	0.00	0.00	0.00	7.89	2.1	329.7	0.16	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	28-Jan-12 00:00:00	0.39	10.35	18.92	83.84	89.28				
28-Jan-12 01:00:00	28-Jan-12 02:00:00	0.31	0.00	0.00	0.00	8.07	2.1	329.7	0.10	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	28-Jan-12 01:00:00	0.33	10.35	18.92	83.84	89.34				
28-Jan-12 02:00:00	28-Jan-12 03:00:00	0.14	0.00	0.00	0.00	8.24	2.1	329.7	0.05	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	28-Jan-12 02:00:00	0.28	10.35	18.92	83.84	89.40				
28-Jan-12 03:00:00	28-Jan-12 04:00:00	0.69	0.48	0.00	0.00	8.40	2.1	329.7	0.23	0.16	0.00	0.00	2.77	0.23	10.35	18.92	83.84	86.68	28-Jan-12 03:00:00	0.46	10.51	18.92	83.84	89.45				
28-Jan-12 04:00:00	28-Jan-12 05:00:00	1.20	1.82	0.00	0.00	8.57	2.1	329.7	0.40	0.60	0.00	0.00	2.82	0.23	10.35	18.92	83.84	86.68	28-Jan-12 04:00:00	0.63	10.95	18.92	83.84	89.50				
28-Jan-12 05:00:00	28-Jan-12 06:00:00	1.37	2.23	0.00	0.00	8.64	2.1	329.7	0.45	0.73	0.00	0.00	2.85	0.23	10.35	18.92	83.84	86.68	28-Jan-12 05:00:00	0.68	11.08	18.92	83.84	89.53				
28-Jan-12 06:00:00	28-Jan-12 07:00:00	1.54	3.08	0.00	0.00	8.69	2.1	329.7	0.51	1.02	0.00	0.00	2.86	0.23	10.35	18.92	83.84	86.68	28-Jan-12 06:00:00	0.74	11.37	18.92	83.84	89.54				
28-Jan-12 07:00:00	28-Jan-12 08:00:00	1.45	2.45	0.00	0.00	8.74	2.1	329.7	0.48	0.81	0.00	0.00	2.88	0.23	10.35	18.92	83.84	86.68	28-Jan-12 07:00:00	0.71	11.16	18.92	83.84	89.56				
28-Jan-12 08:00:00	28-Jan-12 09:00:00	0.44	2.86	0.00	0.00	8.74	2.1	329.7	0.15	0.94	0.00	0.00	2.88	0.23	10.35	18.92	83.84	86.68	28-Jan-12 08:00:00	0.38	11.29	18.92	83.84	89.56				
28-Jan-12 09:00:00	28-Jan-12 10:00:00	0.00	2.82	0.00	0.00	8.43	2.1	329.7	0.00	0.93	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	28-Jan-12 09:00:00	0.23	11.28	18.92	83.84	89.46				
28-Jan-12 10:00:00	28-Jan-12 11:00:00	0.00	2.92	0.00	0.00	8.09	2.1	329.7	0.00	0.96	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	28-Jan-12 10:00:00	0.23	11.31	18.92	83.84	89.35				
28-Jan-12 11:00:00	28-Jan-12 12:00:00	0.00	1.95	0.00	0.00	7.76	2.1	329.7	0.00	0.64	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	28-Jan-12 11:00:00	0.23	10.99	18.92	83.84	89.24				
28-Jan-12 12:00:00	28-Jan-12 13:00:00	0.00	1.29	0.00	0.00	7.44	2.1	329.7	0.00	0.43	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	28-Jan-12 12:00:00	0.23	10.78	18.92	83.84	89.13				
28-Jan-12 13:00:00	28-Jan-12 14:00:00	0.00	0.63	0.00	0.00	7.17	2.1	329.7	0.00	0.21	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	28-Jan-12 13:00:00	0.23	10.56	18.92	83.84	89.05				
28-Jan-12 14:00:00	28-Jan-12 15:00:00	0.00	0.07	0.00	0.00	6.92	2.1	329.7	0.00	0.02	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-Jan-12 14:00:00	0.23	10.37	18.92	83.84	88.96				
28-Jan-12 15:00:00	28-Jan-12 16:00:00	0.00	0.00	0.00	0.00	6.66	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	28-Jan-12 15:00:00	0.23	10.35	18.92	83.84	88.88				
28-Jan-12 16:00:00	28-Jan-12 17:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	28-Jan-12 16:00:00	0.23	10.35	18.92	83.84	88.80				
28-Jan-12 17:00:00	28-Jan-12 18:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	28-Jan-12 17:00:00	0.23	10.35	18.92	83.84	88.81				
28-Jan-12 18:00:00	28-Jan-12 19:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	28-Jan-12 18:00:00	0.23	10.35	18.92	83.84	88.84				
28-Jan-12 19:00:00	28-Jan-12 20:00:00	0.00	0.00	0.00	0.00	6.63	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	28-Jan-12 19:00:00	0.23	10.35	18.92	83.84	88.87				
28-Jan-12 20:00:00	28-Jan-12 21:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	28-Jan-12 20:00:00	0.23	10.35	18.92	83.84	88.90				
28-Jan-12 21:00:00	28-Jan-12 22:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-Jan-12 21:00:00	0.23	10.35	18.92	83.84	88.96				
28-Jan-12 22:00:00	28-Jan-12 23:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	28-Jan-12 22:00:00	0.23	10.35	18.92	83.84	89.01				
28-Jan-12 23:00:00	29-Jan-12 00:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	28-Jan-12 23:00:00	0.23	10.35	18.92	83.84	89.06				
29-Jan-12 00:00:00	29-Jan-12 01:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	29-Jan-12 00:00:00	0.23	10.35	18.92	83.84	89.11				
29-Jan-12 01:00:00	29-Jan-12 02:00:00	0.00	0.00	0.00	0.00	7.57	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	29-Jan-12 01:00:00	0.23	10.35	18.92	83.84	89.18				
29-Jan-12 02:00:00	29-Jan-12 03:00:00	0.00	0.00	0.00	0.00	7.76	2.1	329.7	0.00	0.00	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	29-Jan-12 02:00:00	0.23	10.35	18.92	83.84	89.24				
29-Jan-12 03:00:00	29-Jan-12 04:00:00	0.00	0.00	0.00	0.00	7.94	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	29-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.30				
29-Jan-12 04:00:00	29-Jan-12 05:00:00	0.03	0.00	0.00	0.00	8.10	2.1	329.7	0.01	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	29-Jan-12 04:00:00	0.24	10.35	18.92	83.84	89.35				
29-Jan-12 05:00:00	29-Jan-12 06:00:00	1.58	0.00	0.00	0.00	8.17	2.1	329.7	0.52	0.00	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	29-Jan-12 05:00:00	0.75	10.35	18.92	83.84	89.37				
29-Jan-12 06:00:00	29-Jan-12 07:00:00	1.30	0.00	0.00	0.00	8.31	2.1	329.7	0.43	0.00	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	29-Jan-12 06:00:00	0.66	10.35	18.92	83.84	89.42				
29-Jan-12 07:00:00	29-Jan-12 08:00:00	0.41	0.00	0.00	0.00	8.46	2.1	329.7	0.14	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	29-Jan-12 07:00:00	0.37	10.35	18.92	83.84	89.47				
29-Jan-12 08:00:00	29-Jan-12 09:00:00	0.00	0.00	0.00	0.00	8.61	2.1	329.7	0.00	0.00	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	29-Jan-12 08:00:00	0.23	10.35	18.92	83.84	89.52				
29-Jan-12 09:00:00	29-Jan-12 10:00:00	0.00	0.00	0.00	0.00	8.46	2.1	329.7	0.00	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	29-Jan-12 09:00:00	0.23	10.35	18.92	83.84	89.47				
29-Jan-12 10:00:00	29-Jan-12 11:00:00	0.00	0.00	0.00	0.00	8.11	2.1	329.7	0.00	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	29-Jan-12 10:00:00	0.23	10.35	18.92	83.84	89.35				
29-Jan-12 11:00:00	29-Jan-12 12:00:00	0.00	0.00	0.00	0.00	7.76	2.1	329.7	0.00	0.00	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	29-Jan-12 11:00:00	0.23	10.35	18.92	83.84	89.24				
29-Jan-12 12:00:00	29-Jan-12 13:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	29-Jan-12 12:00:00	0.23	10.35	18.92	83.84	89.14				
29-Jan-12 13:00:00	29-Jan-12 14:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	29-Jan-12 13:00:00	0.23	10.35	18.92	83.84	89.14				
29-Jan-12 14:00:00	29-Jan-12 15:00:00	0.00	0.06	0.00	0.00	7.47	2.1	329.7	0.00	0.02	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	29-Jan-12 14:00:00	0.23	10.37	18.92	83.84	89.14				
29-Jan-12 15:00:00	29-Jan-12 16:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	29-Jan-12 15:00:00	0.23	10.35	18.92	83.84	89.14				
29-Jan-12 16:00:00	29-Jan-12 17:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	29-Jan-12 16:00:00	0.23	10.35	18.92	83.84	89.14				
29-Jan-12 17:00:00	29-Jan-12 18:00:00	0.00	0.00	0.00																								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)												
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2		
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor	Black Liquor	Black Liquor	Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	
31-Jan-12 00:00:00	31-Jan-12 01:00:00	0.00	0.00	0.00	0.00	7.75	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	31-Jan-12 00:00:00	0.23	10.35	18.92	83.84	89.23						
31-Jan-12 01:00:00	31-Jan-12 02:00:00	0.00	0.00	0.00	0.00	7.87	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	31-Jan-12 01:00:00	0.23	10.35	18.92	83.84	89.27						
31-Jan-12 02:00:00	31-Jan-12 03:00:00	0.00	0.00	0.00	0.00	7.94	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	31-Jan-12 02:00:00	0.23	10.35	18.92	83.84	89.30						
31-Jan-12 03:00:00	31-Jan-12 04:00:00	0.00	0.00	0.00	30.25	8.01	2.1	329.7	0.00	0.00	0.00	9.97	2.64	0.23	10.35	18.92	83.84	86.68	31-Jan-12 03:00:00	0.23	10.35	18.92	83.84	89.32						
31-Jan-12 04:00:00	31-Jan-12 05:00:00	0.00	0.00	0.00	51.63	8.06	2.1	329.7	0.00	0.00	0.00	17.02	2.66	0.23	10.35	18.92	83.84	86.68	31-Jan-12 04:00:00	0.23	10.35	18.92	83.84	100.86	89.34					
31-Jan-12 05:00:00	31-Jan-12 06:00:00	0.00	0.00	0.00	0.00	8.05	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	31-Jan-12 05:00:00	0.23	10.35	18.92	83.84	89.34						
31-Jan-12 06:00:00	31-Jan-12 07:00:00	0.00	0.00	0.00	0.00	8.07	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	31-Jan-12 06:00:00	0.23	10.35	18.92	83.84	89.34						
31-Jan-12 07:00:00	31-Jan-12 08:00:00	0.00	0.00	0.00	0.00	8.08	2.1	329.7	0.00	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	31-Jan-12 07:00:00	0.23	10.35	18.92	83.84	89.35						
31-Jan-12 08:00:00	31-Jan-12 09:00:00	0.00	0.00	0.00	0.00	8.08	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	31-Jan-12 08:00:00	0.23	10.35	18.92	83.84	89.34						
31-Jan-12 09:00:00	31-Jan-12 10:00:00	0.00	0.00	0.00	0.00	7.78	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	31-Jan-12 09:00:00	0.23	10.35	18.92	83.84	89.25						
31-Jan-12 10:00:00	31-Jan-12 11:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	31-Jan-12 10:00:00	0.23	10.35	18.92	83.84	89.11						
31-Jan-12 11:00:00	31-Jan-12 12:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	31-Jan-12 11:00:00	0.23	10.35	18.92	83.84	88.98						
31-Jan-12 12:00:00	31-Jan-12 13:00:00	0.00	0.00	0.00	9.05	6.52	2.1	329.7	0.00	0.00	0.00	2.98	2.15	0.23	10.35	18.92	83.84	86.68	31-Jan-12 12:00:00	0.23	10.35	18.92	86.82	88.83						
31-Jan-12 13:00:00	31-Jan-12 14:00:00	0.00	0.00	0.00	0.00	6.18	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	31-Jan-12 13:00:00	0.23	10.35	18.92	83.84	88.72						
31-Jan-12 14:00:00	31-Jan-12 15:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	31-Jan-12 14:00:00	0.23	10.35	18.92	83.84	88.69						
31-Jan-12 15:00:00	31-Jan-12 16:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	31-Jan-12 15:00:00	0.23	10.35	18.92	83.84	88.67						
31-Jan-12 16:00:00	31-Jan-12 17:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	31-Jan-12 16:00:00	0.23	10.35	18.92	83.84	88.63						
31-Jan-12 17:00:00	31-Jan-12 18:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	31-Jan-12 17:00:00	0.23	10.35	18.92	83.84	88.63						
31-Jan-12 18:00:00	31-Jan-12 19:00:00	0.00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	31-Jan-12 18:00:00	0.23	10.35	18.92	83.84	88.67						
31-Jan-12 19:00:00	31-Jan-12 20:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	31-Jan-12 19:00:00	0.23	10.35	18.92	83.84	88.72						
31-Jan-12 20:00:00	31-Jan-12 21:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	31-Jan-12 20:00:00	0.23	10.35	18.92	83.84	88.78						
31-Jan-12 21:00:00	31-Jan-12 22:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	31-Jan-12 21:00:00	0.23	10.35	18.92	83.84	88.86						
31-Jan-12 22:00:00	31-Jan-12 23:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	31-Jan-12 22:00:00	0.23	10.35	18.92	83.84	88.94						
31-Jan-12 23:00:00	01-Feb-12 00:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	31-Jan-12 23:00:00	0.23	10.35	18.92	83.84	89.02						
01-Feb-12 00:00:00	01-Feb-12 01:00:00	0.00	0.00	0.00	0.00	7.36	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	01-Feb-12 00:00:00	0.23	10.35	18.92	83.84	89.11						
01-Feb-12 01:00:00	01-Feb-12 02:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	01-Feb-12 01:00:00	0.23	10.35	18.92	83.84	89.15						
01-Feb-12 02:00:00	01-Feb-12 03:00:00	0.00	0.00	0.00	0.00	7.53	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	01-Feb-12 02:00:00	0.23	10.35	18.92	83.84	89.16						
01-Feb-12 03:00:00	01-Feb-12 04:00:00	0.00	0.00	0.00	0.00	7.56	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	01-Feb-12 03:00:00	0.23	10.35	18.92	83.84	89.17						
01-Feb-12 04:00:00	01-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.57	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	01-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.18						
01-Feb-12 05:00:00	01-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.57	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	01-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.18						
01-Feb-12 06:00:00	01-Feb-12 07:00:00	0.00	0.00	0.00	0.00	7.63	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	01-Feb-12 06:00:00	0.23	10.35	18.92	83.84	89.20						
01-Feb-12 07:00:00	01-Feb-12 08:00:00	0.00	0.00	0.00	0.00	7.69	2.1	329.7	0.00	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	01-Feb-12 07:00:00	0.23	10.35	18.92	83.84	89.22						
01-Feb-12 08:00:00	01-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.73	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	01-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.23						
01-Feb-12 09:00:00	01-Feb-12 10:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	01-Feb-12 09:00:00	0.23	10.35	18.92	83.84	89.15						
01-Feb-12 10:00:00	01-Feb-12 11:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.9														

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
03-Feb-12 00:00:00	03-Feb-12 01:00:00	0.00	0.11	0.00	0.00	7.15	2.1	329.7	0.00	0.04	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	03-Feb-12 00:00:00	0.23	10.39	18.92	83.84	89.04
03-Feb-12 01:00:00	03-Feb-12 02:00:00	0.00	0.00	0.00	0.00	7.32	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	03-Feb-12 01:00:00	0.23	10.35	18.92	83.84	89.09
03-Feb-12 02:00:00	03-Feb-12 03:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	03-Feb-12 02:00:00	0.23	10.35	18.92	83.84	89.14
03-Feb-12 03:00:00	03-Feb-12 04:00:00	0.00	0.00	0.00	0.00	7.59	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	03-Feb-12 03:00:00	0.23	10.35	18.92	83.84	89.18
03-Feb-12 04:00:00	03-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.77	2.1	329.7	0.00	0.00	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	03-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.24
03-Feb-12 05:00:00	03-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.95	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	03-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.30
03-Feb-12 06:00:00	03-Feb-12 07:00:00	0.00	0.00	0.00	0.00	7.96	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	03-Feb-12 06:00:00	0.23	10.35	18.92	83.84	89.30
03-Feb-12 07:00:00	03-Feb-12 08:00:00	0.00	0.00	0.00	0.00	7.96	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	03-Feb-12 07:00:00	0.23	10.35	18.92	83.84	89.31
03-Feb-12 08:00:00	03-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.98	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	03-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.31
03-Feb-12 09:00:00	03-Feb-12 10:00:00	0.00	0.00	0.00	0.00	7.83	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	03-Feb-12 09:00:00	0.23	10.35	18.92	83.84	89.26
03-Feb-12 10:00:00	03-Feb-12 11:00:00	0.00	0.07	0.00	0.00	7.55	2.1	329.7	0.00	0.02	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	03-Feb-12 10:00:00	0.23	10.37	18.92	83.84	89.17
03-Feb-12 11:00:00	03-Feb-12 12:00:00	0.00	0.00	0.00	0.00	7.27	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	03-Feb-12 11:00:00	0.23	10.35	18.92	83.84	89.08
03-Feb-12 12:00:00	03-Feb-12 13:00:00	0.00	0.00	0.00	0.00	7.02	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	03-Feb-12 12:00:00	0.23	10.35	18.92	83.84	88.99
03-Feb-12 13:00:00	03-Feb-12 14:00:00	0.00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	03-Feb-12 13:00:00	0.23	10.35	18.92	83.84	88.97
03-Feb-12 14:00:00	03-Feb-12 15:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	03-Feb-12 14:00:00	0.23	10.35	18.92	83.84	88.95
03-Feb-12 15:00:00	03-Feb-12 16:00:00	0.00	0.00	0.00	0.00	6.83	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	03-Feb-12 15:00:00	0.23	10.35	18.92	83.84	88.93
03-Feb-12 16:00:00	03-Feb-12 17:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	03-Feb-12 16:00:00	0.23	10.35	18.92	83.84	88.93
03-Feb-12 17:00:00	03-Feb-12 18:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	03-Feb-12 17:00:00	0.23	10.35	18.92	83.84	88.99
03-Feb-12 18:00:00	03-Feb-12 19:00:00	0.00	0.00	0.00	0.00	7.16	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	03-Feb-12 18:00:00	0.23	10.35	18.92	83.84	89.04
03-Feb-12 19:00:00	03-Feb-12 20:00:00	0.00	0.00	0.00	0.00	7.31	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	03-Feb-12 19:00:00	0.23	10.35	18.92	83.84	89.09
03-Feb-12 20:00:00	03-Feb-12 21:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	03-Feb-12 20:00:00	0.23	10.35	18.92	83.84	89.14
03-Feb-12 21:00:00	03-Feb-12 22:00:00	0.00	0.00	0.00	0.00	7.60	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	03-Feb-12 21:00:00	0.23	10.35	18.92	83.84	89.19
03-Feb-12 22:00:00	03-Feb-12 23:00:00	0.11	0.00	0.00	0.00	7.73	2.1	329.7	0.03	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	03-Feb-12 22:00:00	0.26	10.35	18.92	83.84	89.23
03-Feb-12 23:00:00	04-Feb-12 00:00:00	0.00	0.00	0.00	0.00	7.87	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	03-Feb-12 23:00:00	0.23	10.35	18.92	83.84	89.28
04-Feb-12 00:00:00	04-Feb-12 01:00:00	0.00	0.00	0.00	0.00	8.02	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	04-Feb-12 00:00:00	0.23	10.35	18.92	83.84	89.32
04-Feb-12 01:00:00	04-Feb-12 02:00:00	0.00	0.00	0.00	0.00	8.06	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	04-Feb-12 01:00:00	0.23	10.35	18.92	83.84	89.34
04-Feb-12 02:00:00	04-Feb-12 03:00:00	0.00	0.00	0.00	0.00	7.98	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	04-Feb-12 02:00:00	0.23	10.35	18.92	83.84	89.31
04-Feb-12 03:00:00	04-Feb-12 04:00:00	0.00	0.00	0.00	0.00	7.90	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	04-Feb-12 03:00:00	0.23	10.35	18.92	83.84	89.28
04-Feb-12 04:00:00	04-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.78	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	04-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.25
04-Feb-12 05:00:00	04-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.62	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	04-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.19
04-Feb-12 06:00:00	04-Feb-12 07:00:00	0.00	0.00	0.00	0.00	7.59	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	04-Feb-12 06:00:00	0.23	10.35	18.92	83.84	89.18
04-Feb-12 07:00:00	04-Feb-12 08:00:00	0.00	0.00	0.00	0.00	7.56	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	04-Feb-12 07:00:00	0.23	10.35	18.92	83.84	89.17
04-Feb-12 08:00:00	04-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.51	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	04-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.16
04-Feb-12 09:00:00	04-Feb-12 10:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	04-Feb-12 09:00:00	0.23	10.35	18.92	83.84	89.15
04-Feb-12 10:00:00	04-Feb-12 11:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	04-Feb-12 10:00:00	0.23	10.35	18.92	83.84	89.14
04-Feb-12 11:00:00	04-Feb-12 12:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	04-Feb-12 11:00:00	0.23	10.35	18.92	83.84	89.14
04-Feb-12 12:00:00	04-Feb-12 13:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	04-Feb-12 12:00:00	0.23	10.35	18.92	83.84	89.14
04-Feb-12 13:00:00	04-Feb-12 14:00:00	0.00	0.00	0.00	0.00	7.37	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	04-Feb-12 13:00:00	0.23	10.35	18.92	83.84	89.11
04-Feb-12 14:00:00	04-Feb-12 15:00:00	0.00	0.00	0.00	0.00	7.23	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	04-Feb-12 14:00:00	0.23	10.35	18.92	83.84	89.06
04-Feb-12 15:00:00	04-Feb-12 16:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	04-Feb-12 15:00:00	0.23	10.35	18.92	83.84	89.02
04-Feb-12 16:00:00	04-Feb-12 17:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	04-Feb-12 16:00:00	0.23	10.35	18.92	83.84	88.97
04-Feb-12 17:00:00	04-Feb-12 18:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
06-Feb-12 00:00:00	06-Feb-12 01:00:00	0.00	0.09	0.00	0.00	8.06	2.1	329.7	0.00	0.03	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	06-Feb-12 00:00:00	0.23	10.38	18.92	83.84	89.34					
06-Feb-12 01:00:00	06-Feb-12 02:00:00	0.00	0.00	0.00	0.00	8.11	2.1	329.7	0.00	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	06-Feb-12 01:00:00	0.23	10.35	18.92	83.84	89.35					
06-Feb-12 02:00:00	06-Feb-12 03:00:00	0.00	0.57	0.00	0.00	8.19	2.1	329.7	0.00	0.19	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	06-Feb-12 02:00:00	0.23	10.54	18.92	83.84	89.38					
06-Feb-12 03:00:00	06-Feb-12 04:00:00	0.00	0.37	0.00	0.00	8.27	2.1	329.7	0.00	0.12	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	06-Feb-12 03:00:00	0.23	10.47	18.92	83.84	89.41					
06-Feb-12 04:00:00	06-Feb-12 05:00:00	0.00	0.78	0.00	0.00	8.34	2.1	329.7	0.00	0.26	0.00	0.00	2.75	0.23	10.35	18.92	83.84	86.68	06-Feb-12 04:00:00	0.23	10.61	18.92	83.84	89.43					
06-Feb-12 05:00:00	06-Feb-12 06:00:00	0.00	4.79	0.00	0.00	8.31	2.1	329.7	0.00	1.58	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	06-Feb-12 05:00:00	0.23	11.93	18.92	83.84	89.42					
06-Feb-12 06:00:00	06-Feb-12 07:00:00	0.00	7.93	0.00	0.00	8.27	2.1	329.7	0.00	2.62	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	06-Feb-12 06:00:00	0.23	12.97	18.92	83.84	89.41					
06-Feb-12 07:00:00	06-Feb-12 08:00:00	0.00	7.11	0.00	0.00	8.22	2.1	329.7	0.00	2.34	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	06-Feb-12 07:00:00	0.23	12.69	18.92	83.84	89.39					
06-Feb-12 08:00:00	06-Feb-12 09:00:00	0.00	5.79	0.00	0.00	8.20	2.1	329.7	0.00	1.91	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	06-Feb-12 08:00:00	0.23	12.26	18.92	83.84	89.38					
06-Feb-12 09:00:00	06-Feb-12 10:00:00	0.00	2.90	0.00	0.00	8.20	2.1	329.7	0.00	0.95	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	06-Feb-12 09:00:00	0.23	11.30	18.92	83.84	89.39					
06-Feb-12 10:00:00	06-Feb-12 11:00:00	0.00	4.40	0.00	0.00	8.14	2.1	329.7	0.00	1.45	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	06-Feb-12 10:00:00	0.23	11.80	18.92	83.84	89.36					
06-Feb-12 11:00:00	06-Feb-12 12:00:00	0.00	2.57	0.00	0.00	8.07	2.1	329.7	0.00	0.85	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	06-Feb-12 11:00:00	0.23	11.20	18.92	83.84	89.34					
06-Feb-12 12:00:00	06-Feb-12 13:00:00	0.00	1.12	0.00	0.00	8.02	2.1	329.7	0.00	0.37	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	06-Feb-12 12:00:00	0.23	10.72	18.92	83.84	89.32					
06-Feb-12 13:00:00	06-Feb-12 14:00:00	0.00	2.59	0.00	0.00	7.93	2.1	329.7	0.00	0.85	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	06-Feb-12 13:00:00	0.23	11.20	18.92	83.84	89.30					
06-Feb-12 14:00:00	06-Feb-12 15:00:00	0.00	4.26	0.00	0.00	7.79	2.1	329.7	0.00	1.40	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	06-Feb-12 14:00:00	0.23	11.75	18.92	83.84	89.25					
06-Feb-12 15:00:00	06-Feb-12 16:00:00	0.00	5.25	0.00	0.00	7.65	2.1	329.7	0.00	1.73	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	06-Feb-12 15:00:00	0.23	12.08	18.92	83.84	89.20					
06-Feb-12 16:00:00	06-Feb-12 17:00:00	0.00	4.40	0.00	0.00	7.52	2.1	329.7	0.00	1.45	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Feb-12 16:00:00	0.23	11.80	18.92	83.84	89.16					
06-Feb-12 17:00:00	06-Feb-12 18:00:00	0.00	0.43	0.00	0.00	7.52	2.1	329.7	0.00	0.14	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Feb-12 17:00:00	0.23	10.49	18.92	83.84	89.16					
06-Feb-12 18:00:00	06-Feb-12 19:00:00	0.00	0.00	0.00	0.00	7.52	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Feb-12 18:00:00	0.23	10.35	18.92	83.84	89.16					
06-Feb-12 19:00:00	06-Feb-12 20:00:00	0.00	0.00	0.00	0.00	7.52	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Feb-12 19:00:00	0.23	10.35	18.92	83.84	89.16					
06-Feb-12 20:00:00	06-Feb-12 21:00:00	0.00	0.00	0.00	0.00	7.51	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Feb-12 20:00:00	0.23	10.35	18.92	83.84	89.16					
06-Feb-12 21:00:00	06-Feb-12 22:00:00	0.00	66.87	0.00	0.00	7.58	2.1	329.7	0.00	22.05	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	06-Feb-12 21:00:00	0.23	32.40	18.92	83.84	89.18					
06-Feb-12 22:00:00	06-Feb-12 23:00:00	0.00	215.77	0.00	0.00	7.72	2.1	329.7	0.00	71.14	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	06-Feb-12 22:00:00	0.23	81.49	18.92	83.84	89.23					
06-Feb-12 23:00:00	07-Feb-12 00:00:00	0.00	0.00	0.00	0.00	7.86	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	06-Feb-12 23:00:00	0.23	10.35	18.92	83.84	89.23					
07-Feb-12 00:00:00	07-Feb-12 01:00:00	0.00	0.00	0.00	0.00	8.01	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	07-Feb-12 00:00:00	0.23	10.35	18.92	83.84	89.32					
07-Feb-12 01:00:00	07-Feb-12 02:00:00	1.01	2.48	0.00	0.00	8.15	2.1	329.7	0.33	0.82	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	07-Feb-12 01:00:00	0.56	11.17	18.92	83.84	89.37					
07-Feb-12 02:00:00	07-Feb-12 03:00:00	1.01	4.67	0.00	0.00	8.29	2.1	329.7	0.33	1.54	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	07-Feb-12 02:00:00	0.56	11.89	18.92	83.84	89.41					
07-Feb-12 03:00:00	07-Feb-12 04:00:00	1.01	12.16	0.00	0.00	8.42	2.1	329.7	0.33	4.01	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	07-Feb-12 03:00:00	0.56	14.36	18.92	83.84	89.46					
07-Feb-12 04:00:00	07-Feb-12 05:00:00	1.24	14.04	0.00	0.00	8.58	2.1	329.7	0.41	4.63	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	07-Feb-12 04:00:00	0.64	14.98	18.92	83.84	89.51					
07-Feb-12 05:00:00	07-Feb-12 06:00:00	1.46	16.06	0.00	0.00	8.59	2.1	329.7	0.48	5.29	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	07-Feb-12 05:00:00	0.71	15.64	18.92	83.84	89.51					
07-Feb-12 06:00:00	07-Feb-12 07:00:00	0.71	2.03	0.00	0.00	8.45	2.1	329.7	0.23	0.60	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	07-Feb-12 06:00:00	0.46	11.02	18.92	83.84	89.47					
07-Feb-12 07:00:00	07-Feb-12 08:00:00	0.00	1.53	0.00	0.00	8.31	2.1	329.7	0.00	0.51	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	07-Feb-12 07:00:00	0.23	10.86	18.92	83.84	89.42					
07-Feb-12 08:00:00	07-Feb-12 09:00:00	0.00	1.83	0.00	0.00	8.13	2.1	329.7	0.00	0.60	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	07-Feb-12 08:00:00	0.23	10.95	18.92	83.84	89.36					
07-Feb-12 09:00:00	07-Feb-12 10:00:00	0.00	2.32	0.00	0.00	7.70	2.1	329.7	0.00	0.76	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	07-Feb-12 09:00:00	0.23	11.11	18.92	83.84	89.22					
07-Feb-12 10:00:00	07-Feb-12 11:00:00	0.00	3.66	0.00	0.00	7.28	2.1	329.7	0.00	1.21	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	07-Feb-12 10:00:00	0.23	11.56	18.92	83.84	89.08					
07-Feb-12 11:00:00	07-Feb-12 12:00:00	0.00	2.66	0.00	0.00	6.86	2.1	329.7	0.00	0.88	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	07-Feb-12 11:00:00	0.23	11.23	18.92	83.84	88.94					
07-Feb-12 12:00:00	07-Feb-12 13:00:00	0.00	0.06	0.00	0.00	6.45	2.1	329.7	0.00	0.02	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	07-Feb-12 12:00:00	0.23	10.37	18.92	83.84	88.81					
07-Feb-12 13:00:00	07-Feb-12 14:00:00	0.00	0.07	0.00	0.00	6.31	2.1	329.7	0.00	0.02	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	07-Feb-12 13:00:00	0.23	10.37	18.92	83.84	88.76					
07-Feb-12 14:00:00	07-Feb-12 15:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	07-Feb-12 14:00:00	0.23	10.35	18.92	83.84	88.75					
07-Feb-12 15:00:00	07-Feb-12 16:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	07-Feb-12 15:00:00	0.23	10.35	18.92	83.84	88.74					
07-Feb-12 16:00:00	07-Feb-12 17:00:00	0.00	0.00	0.00	0.00	6.12	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	07-Feb-12 16:00:00	0.23	10.35	18.92	83.84	88.70					
07-Feb-12 17:00:00	07-Feb-12 18:00:00	0.																											

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
09-Feb-12 00:00:00	09-Feb-12 01:00:00	0.60	0.00	0.00	0.00	8.00	2.1	329.7	0.20	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	09-Feb-12 00:00:00	0.43	10.35	18.92	83.84	89.32
09-Feb-12 01:00:00	09-Feb-12 02:00:00	1.56	0.00	0.00	0.00	8.13	2.1	329.7	0.51	0.00	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	09-Feb-12 01:00:00	0.74	10.35	18.92	83.84	89.36
09-Feb-12 02:00:00	09-Feb-12 03:00:00	2.73	0.29	0.00	0.00	8.24	2.1	329.7	0.90	0.09	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	09-Feb-12 02:00:00	1.13	10.44	18.92	83.84	89.40
09-Feb-12 03:00:00	09-Feb-12 04:00:00	2.33	0.27	0.00	0.00	8.36	2.1	329.7	0.77	0.09	0.00	0.00	2.75	0.23	10.35	18.92	83.84	86.68	09-Feb-12 03:00:00	1.00	10.44	18.92	83.84	89.43
09-Feb-12 04:00:00	09-Feb-12 05:00:00	0.64	1.52	0.00	0.00	8.48	2.1	329.7	0.21	0.50	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	09-Feb-12 04:00:00	0.44	10.85	18.92	83.84	89.47
09-Feb-12 05:00:00	09-Feb-12 06:00:00	0.55	4.24	0.00	0.00	8.50	2.1	329.7	0.18	1.40	0.00	0.00	2.80	0.23	10.35	18.92	83.84	86.68	09-Feb-12 05:00:00	0.41	11.75	18.92	83.84	89.48
09-Feb-12 06:00:00	09-Feb-12 07:00:00	1.18	1.38	0.00	0.00	8.43	2.1	329.7	0.39	0.46	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	09-Feb-12 06:00:00	0.62	10.81	18.92	83.84	89.46
09-Feb-12 07:00:00	09-Feb-12 08:00:00	0.03	0.04	0.00	0.00	8.36	2.1	329.7	0.01	0.01	0.00	0.00	2.76	0.23	10.35	18.92	83.84	86.68	09-Feb-12 07:00:00	0.24	10.36	18.92	83.84	89.44
09-Feb-12 08:00:00	09-Feb-12 09:00:00	0.00	0.02	0.00	0.00	8.31	2.1	329.7	0.00	0.01	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	09-Feb-12 08:00:00	0.23	10.36	18.92	83.84	89.42
09-Feb-12 09:00:00	09-Feb-12 10:00:00	0.53	0.49	0.00	0.00	8.16	2.1	329.7	0.18	0.16	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	09-Feb-12 09:00:00	0.41	10.51	18.92	83.84	89.37
09-Feb-12 10:00:00	09-Feb-12 11:00:00	0.00	0.61	0.00	0.00	7.88	2.1	329.7	0.00	0.20	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	09-Feb-12 10:00:00	0.23	10.55	18.92	83.84	89.28
09-Feb-12 11:00:00	09-Feb-12 12:00:00	0.18	2.17	0.00	0.00	7.61	2.1	329.7	0.06	0.72	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	09-Feb-12 11:00:00	0.29	11.07	18.92	83.84	89.19
09-Feb-12 12:00:00	09-Feb-12 13:00:00	0.00	1.90	0.00	0.00	7.32	2.1	329.7	0.00	0.63	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	09-Feb-12 12:00:00	0.23	10.98	18.92	83.84	89.09
09-Feb-12 13:00:00	09-Feb-12 14:00:00	0.00	1.33	0.00	0.00	7.16	2.1	329.7	0.00	0.44	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	09-Feb-12 13:00:00	0.23	10.79	18.92	83.84	89.04
09-Feb-12 14:00:00	09-Feb-12 15:00:00	0.00	0.76	0.00	0.00	7.13	2.1	329.7	0.00	0.25	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	09-Feb-12 14:00:00	0.23	10.60	18.92	83.84	89.03
09-Feb-12 15:00:00	09-Feb-12 16:00:00	0.00	0.20	0.00	0.00	7.11	2.1	329.7	0.00	0.07	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	09-Feb-12 15:00:00	0.23	10.42	18.92	83.84	89.02
09-Feb-12 16:00:00	09-Feb-12 17:00:00	0.00	0.00	0.00	0.00	7.07	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	09-Feb-12 16:00:00	0.23	10.35	18.92	83.84	89.01
09-Feb-12 17:00:00	09-Feb-12 18:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	09-Feb-12 17:00:00	0.23	10.35	18.92	83.84	89.02
09-Feb-12 18:00:00	09-Feb-12 19:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	09-Feb-12 18:00:00	0.23	10.35	18.92	83.84	89.05
09-Feb-12 19:00:00	09-Feb-12 20:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	09-Feb-12 19:00:00	0.23	10.35	18.92	83.84	89.08
09-Feb-12 20:00:00	09-Feb-12 21:00:00	1.05	0.00	0.00	0.00	7.31	2.1	329.7	0.35	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	09-Feb-12 20:00:00	0.58	10.35	18.92	83.84	89.09
09-Feb-12 21:00:00	09-Feb-12 22:00:00	0.03	0.00	0.00	0.00	7.31	2.1	329.7	0.01	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	09-Feb-12 21:00:00	0.24	10.35	18.92	83.84	89.09
09-Feb-12 22:00:00	09-Feb-12 23:00:00	0.23	0.00	0.00	0.00	7.60	2.1	329.7	0.08	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	09-Feb-12 22:00:00	0.31	10.35	18.92	83.84	89.19
09-Feb-12 23:00:00	10-Feb-12 00:00:00	1.18	0.39	0.00	0.00	7.89	2.1	329.7	0.39	0.13	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	09-Feb-12 23:00:00	0.62	10.48	18.92	83.84	89.28
10-Feb-12 00:00:00	10-Feb-12 01:00:00	2.04	0.15	0.00	0.00	8.15	2.1	329.7	0.67	0.05	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	10-Feb-12 00:00:00	0.90	10.40	18.92	83.84	89.37
10-Feb-12 01:00:00	10-Feb-12 02:00:00	1.70	0.10	0.00	0.00	8.16	2.1	329.7	0.56	0.03	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	10-Feb-12 01:00:00	0.79	10.38	18.92	83.84	89.37
10-Feb-12 02:00:00	10-Feb-12 03:00:00	1.36	0.05	0.00	0.00	8.16	2.1	329.7	0.45	0.02	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	10-Feb-12 02:00:00	0.68	10.37	18.92	83.84	89.37
10-Feb-12 03:00:00	10-Feb-12 04:00:00	1.75	0.01	0.00	0.00	8.15	2.1	329.7	0.58	0.00	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	10-Feb-12 03:00:00	0.81	10.35	18.92	83.84	89.37
10-Feb-12 04:00:00	10-Feb-12 05:00:00	2.50	0.00	0.00	0.00	8.13	2.1	329.7	0.82	0.00	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	10-Feb-12 04:00:00	1.05	10.35	18.92	83.84	89.36
10-Feb-12 05:00:00	10-Feb-12 06:00:00	2.47	0.00	0.00	0.00	8.08	2.1	329.7	0.81	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	10-Feb-12 05:00:00	1.04	10.35	18.92	83.84	89.35
10-Feb-12 06:00:00	10-Feb-12 07:00:00	2.82	0.00	0.00	0.00	8.04	2.1	329.7	0.93	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	10-Feb-12 06:00:00	1.16	10.35	18.92	83.84	89.33
10-Feb-12 07:00:00	10-Feb-12 08:00:00	2.69	0.00	0.00	0.00	8.00	2.1	329.7	0.89	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	10-Feb-12 07:00:00	1.12	10.35	18.92	83.84	89.32
10-Feb-12 08:00:00	10-Feb-12 09:00:00	1.62	0.00	0.00	0.00	8.00	2.1	329.7	0.53	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	10-Feb-12 08:00:00	0.76	10.35	18.92	83.84	89.32
10-Feb-12 09:00:00	10-Feb-12 10:00:00	0.92	0.00	0.00	0.00	7.91	2.1	329.7	0.30	0.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	10-Feb-12 09:00:00	0.53	10.35	18.92	83.84	89.29
10-Feb-12 10:00:00	10-Feb-12 11:00:00	0.22	0.00	0.00	0.00	7.60	2.1	329.7	0.07	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	10-Feb-12 10:00:00	0.30	10.35	18.92	83.84	89.19
10-Feb-12 11:00:00	10-Feb-12 12:00:00	0.76	0.00	0.00	0.00	7.29	2.1	329.7	0.25	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	10-Feb-12 11:00:00	0.48	10.35	18.92	83.84	89.08
10-Feb-12 12:00:00	10-Feb-12 13:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	10-Feb-12 12:00:00	0.23	10.35	18.92	83.84	88.99
10-Feb-12 13:00:00	10-Feb-12 14:00:00	0.48	0.00	0.00	0.00	6.82	2.1	329.7	0.16	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	10-Feb-12 13:00:00	0.39	10.35	18.9		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
12-Feb-12 00:00:00	12-Feb-12 01:00:00	0.00	0.48	0.00	0.00	8.99	2.1	329.7	0.00	0.16	0.00	0.00	2.96	0.23	10.35	18.92	83.84	86.68	12-Feb-12 00:00:00	0.23	10.51	18.92	83.84	89.64
12-Feb-12 01:00:00	12-Feb-12 02:00:00	0.00	4.10	0.00	0.00	9.01	2.1	329.7	0.00	1.35	0.00	0.00	2.97	0.23	10.35	18.92	83.84	86.68	12-Feb-12 01:00:00	0.23	11.70	18.92	83.84	89.65
12-Feb-12 02:00:00	12-Feb-12 03:00:00	0.00	6.60	0.00	0.00	9.09	2.1	329.7	0.00	2.18	0.00	0.00	3.00	0.23	10.35	18.92	83.84	86.68	12-Feb-12 02:00:00	0.23	12.53	18.92	83.84	89.68
12-Feb-12 03:00:00	12-Feb-12 04:00:00	0.00	5.24	0.00	0.00	9.17	2.1	329.7	0.00	1.73	0.00	0.00	3.02	0.23	10.35	18.92	83.84	86.68	12-Feb-12 03:00:00	0.23	12.08	18.92	83.84	89.70
12-Feb-12 04:00:00	12-Feb-12 05:00:00	0.00	6.09	0.00	0.00	9.28	2.1	329.7	0.00	2.01	0.00	0.00	3.06	0.23	10.35	18.92	83.84	86.68	12-Feb-12 04:00:00	0.23	12.36	18.92	83.84	89.74
12-Feb-12 05:00:00	12-Feb-12 06:00:00	0.00	2.98	0.00	0.00	9.36	2.1	329.7	0.00	0.98	0.00	0.00	3.09	0.23	10.35	18.92	83.84	86.68	12-Feb-12 05:00:00	0.23	11.33	18.92	83.84	89.77
12-Feb-12 06:00:00	12-Feb-12 07:00:00	0.00	4.49	0.00	0.00	9.30	2.1	329.7	0.00	1.48	0.00	0.00	3.06	0.23	10.35	18.92	83.84	86.68	12-Feb-12 06:00:00	0.23	11.83	18.92	83.84	89.74
12-Feb-12 07:00:00	12-Feb-12 08:00:00	0.00	7.61	0.00	0.00	9.23	2.1	329.7	0.00	2.51	0.00	0.00	3.04	0.23	10.35	18.92	83.84	86.68	12-Feb-12 07:00:00	0.23	12.86	18.92	83.84	89.72
12-Feb-12 08:00:00	12-Feb-12 09:00:00	0.00	16.70	0.00	0.00	9.16	2.1	329.7	0.00	5.51	0.00	0.00	3.02	0.23	10.35	18.92	83.84	86.68	12-Feb-12 08:00:00	0.23	15.86	18.92	83.84	89.70
12-Feb-12 09:00:00	12-Feb-12 10:00:00	0.00	13.57	0.00	0.00	8.86	2.1	329.7	0.00	4.48	0.00	0.00	2.92	0.23	10.35	18.92	83.84	86.68	12-Feb-12 09:00:00	0.23	14.83	18.92	83.84	89.60
12-Feb-12 10:00:00	12-Feb-12 11:00:00	0.00	7.36	0.00	0.00	8.45	2.1	329.7	0.00	2.43	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	12-Feb-12 10:00:00	0.23	12.78	18.92	83.84	89.46
12-Feb-12 11:00:00	12-Feb-12 12:00:00	0.00	6.73	0.00	0.00	8.03	2.1	329.7	0.00	2.22	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	12-Feb-12 11:00:00	0.23	12.57	18.92	83.84	89.33
12-Feb-12 12:00:00	12-Feb-12 13:00:00	0.00	3.12	0.00	0.00	7.62	2.1	329.7	0.00	1.03	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	12-Feb-12 12:00:00	0.23	11.38	18.92	83.84	89.19
12-Feb-12 13:00:00	12-Feb-12 14:00:00	0.00	0.42	0.00	0.00	7.40	2.1	329.7	0.00	0.14	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	12-Feb-12 13:00:00	0.23	10.49	18.92	83.84	89.12
12-Feb-12 14:00:00	12-Feb-12 15:00:00	0.00	0.91	0.00	0.17	7.27	2.1	329.7	0.00	0.30	0.00	0.06	2.40	0.23	10.35	18.92	83.84	86.68	12-Feb-12 14:00:00	0.23	10.65	18.92	83.90	89.08
12-Feb-12 15:00:00	12-Feb-12 16:00:00	0.00	0.00	0.00	0.00	7.14	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	12-Feb-12 15:00:00	0.23	10.35	18.92	83.84	89.04
12-Feb-12 16:00:00	12-Feb-12 17:00:00	0.00	0.00	0.00	0.00	7.02	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	12-Feb-12 16:00:00	0.23	10.35	18.92	83.84	88.99
12-Feb-12 17:00:00	12-Feb-12 18:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	12-Feb-12 17:00:00	0.23	10.35	18.92	83.84	89.01
12-Feb-12 18:00:00	12-Feb-12 19:00:00	0.00	0.00	0.00	0.00	7.23	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	12-Feb-12 18:00:00	0.23	10.35	18.92	83.84	89.06
12-Feb-12 19:00:00	12-Feb-12 20:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	12-Feb-12 19:00:00	0.23	10.35	18.92	83.84	89.11
12-Feb-12 20:00:00	12-Feb-12 21:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	12-Feb-12 20:00:00	0.23	10.35	18.92	83.84	89.15
12-Feb-12 21:00:00	12-Feb-12 22:00:00	0.00	0.00	0.00	0.00	7.54	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	12-Feb-12 21:00:00	0.23	10.35	18.92	83.84	89.17
12-Feb-12 22:00:00	12-Feb-12 23:00:00	0.00	0.00	0.00	0.00	7.66	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	12-Feb-12 22:00:00	0.23	10.35	18.92	83.84	89.20
12-Feb-12 23:00:00	13-Feb-12 00:00:00	0.00	1.45	0.00	0.00	7.77	2.1	329.7	0.00	0.48	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	12-Feb-12 23:00:00	0.23	10.83	18.92	83.84	89.24
13-Feb-12 00:00:00	13-Feb-12 01:00:00	0.00	1.00	0.00	0.00	7.87	2.1	329.7	0.00	0.33	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	13-Feb-12 00:00:00	0.23	10.68	18.92	83.84	89.27
13-Feb-12 01:00:00	13-Feb-12 02:00:00	1.29	0.60	0.00	0.00	7.92	2.1	329.7	0.43	0.20	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	13-Feb-12 01:00:00	0.66	10.55	18.92	83.84	89.29
13-Feb-12 02:00:00	13-Feb-12 03:00:00	1.21	0.21	0.00	0.00	8.03	2.1	329.7	0.40	0.07	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	13-Feb-12 02:00:00	0.63	10.42	18.92	83.84	89.33
13-Feb-12 03:00:00	13-Feb-12 04:00:00	1.12	1.04	0.00	0.00	8.13	2.1	329.7	0.37	0.34	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	13-Feb-12 03:00:00	0.60	10.69	18.92	83.84	89.36
13-Feb-12 04:00:00	13-Feb-12 05:00:00	1.08	6.14	0.00	0.00	8.19	2.1	329.7	0.36	2.03	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	13-Feb-12 04:00:00	0.59	12.38	18.92	83.84	89.38
13-Feb-12 05:00:00	13-Feb-12 06:00:00	1.14	3.64	0.00	0.00	8.12	2.1	329.7	0.37	1.20	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	13-Feb-12 05:00:00	0.60	11.55	18.92	83.84	89.36
13-Feb-12 06:00:00	13-Feb-12 07:00:00	0.80	1.08	0.00	0.00	8.18	2.1	329.7	0.26	0.36	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	13-Feb-12 06:00:00	0.49	10.71	18.92	83.84	89.38
13-Feb-12 07:00:00	13-Feb-12 08:00:00	0.46	2.28	0.00	0.00	8.24	2.1	329.7	0.15	0.75	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	13-Feb-12 07:00:00	0.38	11.10	18.92	83.84	89.40
13-Feb-12 08:00:00	13-Feb-12 09:00:00	0.08	3.50	0.00	0.00	8.24	2.1	329.7	0.03	1.16	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	13-Feb-12 08:00:00	0.26	11.51	18.92	83.84	89.40
13-Feb-12 09:00:00	13-Feb-12 10:00:00	0.00	4.52	0.00	0.00	7.81	2.1	329.7	0.00	1.49	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	13-Feb-12 09:00:00	0.23	11.84	18.92	83.84	89.25
13-Feb-12 10:00:00	13-Feb-12 11:00:00	0.00	0.59	0.00	0.00	7.34	2.1	329.7	0.00	0.20	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	13-Feb-12 10:00:00	0.23	10.55	18.92	83.84	89.10
13-Feb-12 11:00:00	13-Feb-12 12:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	13-Feb-12 11:00:00	0.23	10.35	18.92	83.84	88.95
13-Feb-12 12:00:00	13-Feb-12 13:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	13-Feb-12 12:00:00	0.23	10.35	18.92	83.84	88.79
13-Feb-12 13:00:00	13-Feb-12 14:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	13-Feb-12 13:00:00	0.23	10.35	18.92	83.84	88.71
13-Feb-12 14:00:00	13-Feb-12 15:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	13-Feb-12 14:00:00	0.23	10.35	18.92	83.84	88.69
13-Feb-12 15:00:00	13-Feb-12 16:00:00	0.00	0.02	0.00	0.00	6.05	2.1	329.7	0.00	0.01	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	13-Feb-12 15:00:00	0.23	10.36	18.92	83.84	88.68
13-Feb-12 16:00:00	13-Feb-12 17:00:00	0.00	1.25	0.00	0.00	5.97	2.1	329.7	0.00	0.41	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	13-Feb-12 16:00:00	0.23	10.76	18.92	83.84	88.65
13-Feb-12 17:00:00	13-Feb-12 18:00:00	0.00	0.00	0.00	0.00	5.96	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
15-Feb-12 00:00:00	15-Feb-12 01:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	15-Feb-12 00:00:00	0.23	10.35	18.92	83.84	88.83					
15-Feb-12 01:00:00	15-Feb-12 02:00:00	0.00	0.07	0.00	0.00	6.63	2.1	329.7	0.00	0.02	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	15-Feb-12 01:00:00	0.23	10.37	18.92	83.84	88.86					
15-Feb-12 02:00:00	15-Feb-12 03:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	15-Feb-12 02:00:00	0.23	10.35	18.92	83.84	88.94					
15-Feb-12 03:00:00	15-Feb-12 04:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	15-Feb-12 03:00:00	0.23	10.35	18.92	83.84	89.02					
15-Feb-12 04:00:00	15-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	15-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.10					
15-Feb-12 05:00:00	15-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	15-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.15					
15-Feb-12 06:00:00	15-Feb-12 07:00:00	0.00	0.00	0.00	0.00	7.54	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	15-Feb-12 06:00:00	0.23	10.35	18.92	83.84	89.17					
15-Feb-12 07:00:00	15-Feb-12 08:00:00	0.00	0.00	0.00	0.00	7.59	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	15-Feb-12 07:00:00	0.23	10.35	18.92	83.84	89.18					
15-Feb-12 08:00:00	15-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.62	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	15-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.19					
15-Feb-12 09:00:00	15-Feb-12 10:00:00	0.00	0.00	0.00	0.00	7.26	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	15-Feb-12 09:00:00	0.23	10.35	18.92	83.84	89.07					
15-Feb-12 10:00:00	15-Feb-12 11:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	15-Feb-12 10:00:00	0.23	10.35	18.92	83.84	88.90					
15-Feb-12 11:00:00	15-Feb-12 12:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	15-Feb-12 11:00:00	0.23	10.35	18.92	83.84	88.72					
15-Feb-12 12:00:00	15-Feb-12 13:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	15-Feb-12 12:00:00	0.23	10.35	18.92	83.84	88.55					
15-Feb-12 13:00:00	15-Feb-12 14:00:00	0.00	0.85	0.00	0.00	5.55	2.1	329.7	0.00	0.28	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	15-Feb-12 13:00:00	0.23	10.63	18.92	83.84	88.51					
15-Feb-12 14:00:00	15-Feb-12 15:00:00	0.00	0.07	0.00	0.00	5.53	2.1	329.7	0.00	0.02	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	15-Feb-12 14:00:00	0.23	10.37	18.92	83.84	88.50					
15-Feb-12 15:00:00	15-Feb-12 16:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	15-Feb-12 15:00:00	0.23	10.35	18.92	83.84	88.49					
15-Feb-12 16:00:00	15-Feb-12 17:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	15-Feb-12 16:00:00	0.23	10.35	18.92	83.84	88.49					
15-Feb-12 17:00:00	15-Feb-12 18:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	15-Feb-12 17:00:00	0.23	10.35	18.92	83.84	88.53					
15-Feb-12 18:00:00	15-Feb-12 19:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	15-Feb-12 18:00:00	0.23	10.35	18.92	83.84	88.60					
15-Feb-12 19:00:00	15-Feb-12 20:00:00	0.00	0.11	0.00	0.00	6.04	2.1	329.7	0.00	0.04	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	15-Feb-12 19:00:00	0.23	10.39	18.92	83.84	88.67					
15-Feb-12 20:00:00	15-Feb-12 21:00:00	0.00	0.29	0.00	0.00	6.24	2.1	329.7	0.00	0.10	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	15-Feb-12 20:00:00	0.23	10.45	18.92	83.84	88.74					
15-Feb-12 21:00:00	15-Feb-12 22:00:00	0.00	0.47	0.00	0.00	6.36	2.1	329.7	0.00	0.15	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	15-Feb-12 21:00:00	0.23	10.50	18.92	83.84	88.78					
15-Feb-12 22:00:00	15-Feb-12 23:00:00	0.00	0.30	0.00	0.00	6.57	2.1	329.7	0.00	0.10	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	15-Feb-12 22:00:00	0.23	10.45	18.92	83.84	88.85					
15-Feb-12 23:00:00	16-Feb-12 00:00:00	0.00	0.51	0.00	0.00	6.79	2.1	329.7	0.00	0.17	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	15-Feb-12 23:00:00	0.23	10.52	18.92	83.84	88.92					
16-Feb-12 00:00:00	16-Feb-12 01:00:00	0.00	0.31	0.00	0.00	6.99	2.1	329.7	0.00	0.10	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	16-Feb-12 00:00:00	0.23	10.45	18.92	83.84	88.98					
16-Feb-12 01:00:00	16-Feb-12 02:00:00	0.00	0.19	0.00	0.00	7.03	2.1	329.7	0.00	0.06	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	16-Feb-12 01:00:00	0.23	10.41	18.92	83.84	89.00					
16-Feb-12 02:00:00	16-Feb-12 03:00:00	0.00	0.06	0.00	0.00	7.06	2.1	329.7	0.00	0.02	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	16-Feb-12 02:00:00	0.23	10.37	18.92	83.84	89.01					
16-Feb-12 03:00:00	16-Feb-12 04:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	16-Feb-12 03:00:00	0.23	10.35	18.92	83.84	89.02					
16-Feb-12 04:00:00	16-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	16-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.02					
16-Feb-12 05:00:00	16-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.13	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	16-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.03					
16-Feb-12 06:00:00	16-Feb-12 07:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	16-Feb-12 06:00:00	0.23	10.35	18.92	83.84	89.05					
16-Feb-12 07:00:00	16-Feb-12 08:00:00	0.00	0.00	0.00	0.00	7.25	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	16-Feb-12 07:00:00	0.23	10.35	18.92	83.84	89.07					
16-Feb-12 08:00:00	16-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.25	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	16-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.07					
16-Feb-12 09:00:00	16-Feb-12 10:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	16-Feb-12 09:00:00	0.23	10.35	18.92	83.84	88.99					
16-Feb-12 10:00:00	16-Feb-12 11:00:00	0.00	0.00	0.00	1.99	6.83	2.1	329.7	0.00	0.00	0.00	0.66	2.25	0.23	10.35	18.92	83.84	86.68	16-Feb-12 10:00:00	0.23	10.35	18.92	84.50	88.93					
16-Feb-12 11:00:00	16-Feb-12 12:00:00	0.00	0.00	0.00	103.46	6.66	2.1	329.7	0.00	0.00	0.00	0.00	34.11	2.19	0.23	10.35	18.92	83.84	86.68	16-Feb-12 11:00:00	0.23	10.35	18.92	117.50	88.87				
16-Feb-12 12:00:00	16-Feb-12 13:00:00	0.00	0.10	0.00	114.63	6.46	2.1	329.7	0.00	0.03	0.00	0.00	37.79	2.13	0.23	10.35	18.92	83.84	86.68	16-Feb-12 12:00:00	0.23	10.38	18.92	121.63	88.81				
16-Feb-12 13:00:00	16-Feb-12 14:00:00	0.00	0.17	0.00	183.63	312.18	2.1	329.7	0.00	0.06	0.00	0.00	60.54	102.92	0.23	10.35	18.92	83.84	86.68	16-Feb-12 13:00:00	0.23	10.41	18.92	144.38	189.60				
16-Feb-12 14:00:00	16-Feb-12 15:00:00	0.00	0.00	0.00	5.51	357.72	2.1	329.7	0.00	0.00	0.00	1.82	117.94	0.23	10.35	18.92	83.84	86.68	16-Feb-12 14:00:00	0.23	10.35	18.92	85.66	204.62					
16-Feb-12 15:00:00	16-Feb-12 16:00:00	0.00	0.00	0.00	0.00	429.88	2.1	329.7	0.00	0.00	0.00	0.00	141.73	0.23	10.35	18.92	83.84	86.68	16-Feb-12 15:00:00	0.23	10.35	18.92	83.84	228.41					
16-Feb-12 16:00:00	16-Feb-12 17:00:00	0.00	0.00	0.00	0.00	285.71	2.1	329.7	0.00	0.00	0.00	0.00	94.20	0.23	10.35	18.92	83.84	86.68	16-Feb-12 16:00:00	0.23	10.35	18.92	83.84	180.88</					

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
18-Feb-12 00:00:00	18-Feb-12 01:00:00	0.00	0.00	0.00	1.85	7.41	2.1	329.7	0.00	0.00	0.00	0.61	2.44	0.23	10.35	18.92	83.84	86.68	18-Feb-12 00:00:00	0.23	10.35	18.92	84.45	89.12
18-Feb-12 01:00:00	18-Feb-12 02:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	18-Feb-12 01:00:00	0.23	10.35	18.92	83.84	89.14
18-Feb-12 02:00:00	18-Feb-12 03:00:00	0.39	0.00	0.00	0.79	7.46	2.1	329.7	0.13	0.00	0.00	0.26	2.46	0.23	10.35	18.92	83.84	86.68	18-Feb-12 02:00:00	0.36	10.35	18.92	84.10	89.14
18-Feb-12 03:00:00	18-Feb-12 04:00:00	1.29	0.00	0.00	0.00	7.47	2.1	329.7	0.42	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	18-Feb-12 03:00:00	0.65	10.35	18.92	83.84	89.14
18-Feb-12 04:00:00	18-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	18-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.14
18-Feb-12 05:00:00	18-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.55	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	18-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.17
18-Feb-12 06:00:00	18-Feb-12 07:00:00	0.00	0.00	0.00	0.00	7.68	2.1	329.7	0.00	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	18-Feb-12 06:00:00	0.23	10.35	18.92	83.84	89.21
18-Feb-12 07:00:00	18-Feb-12 08:00:00	0.00	0.00	0.00	0.00	7.82	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	18-Feb-12 07:00:00	0.23	10.35	18.92	83.84	89.26
18-Feb-12 08:00:00	18-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.96	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	18-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.30
18-Feb-12 09:00:00	18-Feb-12 10:00:00	0.00	0.00	0.00	0.00	7.75	2.1	329.7	0.00	0.00	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	18-Feb-12 09:00:00	0.23	10.35	18.92	83.84	89.24
18-Feb-12 10:00:00	18-Feb-12 11:00:00	0.00	0.00	0.00	0.00	7.30	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	18-Feb-12 10:00:00	0.23	10.35	18.92	83.84	89.09
18-Feb-12 11:00:00	18-Feb-12 12:00:00	0.00	0.00	0.00	0.00	6.84	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	18-Feb-12 11:00:00	0.23	10.35	18.92	83.84	88.94
18-Feb-12 12:00:00	18-Feb-12 13:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	18-Feb-12 12:00:00	0.23	10.35	18.92	83.84	88.79
18-Feb-12 13:00:00	18-Feb-12 14:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	18-Feb-12 13:00:00	0.23	10.35	18.92	83.84	88.73
18-Feb-12 14:00:00	18-Feb-12 15:00:00	0.00	0.29	0.00	0.00	6.08	2.1	329.7	0.00	0.10	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	18-Feb-12 14:00:00	0.23	10.45	18.92	83.84	88.68
18-Feb-12 15:00:00	18-Feb-12 16:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	18-Feb-12 15:00:00	0.23	10.35	18.92	83.84	88.64
18-Feb-12 16:00:00	18-Feb-12 17:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	18-Feb-12 16:00:00	0.23	10.35	18.92	83.84	88.60
18-Feb-12 17:00:00	18-Feb-12 18:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	18-Feb-12 17:00:00	0.23	10.35	18.92	83.84	88.59
18-Feb-12 18:00:00	18-Feb-12 19:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	18-Feb-12 18:00:00	0.23	10.35	18.92	83.84	88.64
18-Feb-12 19:00:00	18-Feb-12 20:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	18-Feb-12 19:00:00	0.23	10.35	18.92	83.84	88.69
18-Feb-12 20:00:00	18-Feb-12 21:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	18-Feb-12 20:00:00	0.23	10.35	18.92	83.84	88.75
18-Feb-12 21:00:00	18-Feb-12 22:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	18-Feb-12 21:00:00	0.23	10.35	18.92	83.84	88.82
18-Feb-12 22:00:00	18-Feb-12 23:00:00	0.00	0.00	0.00	0.00	6.69	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	18-Feb-12 22:00:00	0.23	10.35	18.92	83.84	88.88
18-Feb-12 23:00:00	19-Feb-12 00:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	18-Feb-12 23:00:00	0.23	10.35	18.92	83.84	88.95
19-Feb-12 00:00:00	19-Feb-12 01:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	19-Feb-12 00:00:00	0.23	10.35	18.92	83.84	89.02
19-Feb-12 01:00:00	19-Feb-12 02:00:00	0.00	0.00	0.00	0.00	117.32	2.1	329.7	0.00	0.00	0.00	0.00	38.68	0.23	10.35	18.92	83.84	86.68	19-Feb-12 01:00:00	0.23	10.35	18.92	83.84	125.36
19-Feb-12 02:00:00	19-Feb-12 03:00:00	0.00	0.00	0.00	11.80	7.48	2.1	329.7	0.00	0.00	0.00	0.00	3.89	0.23	10.35	18.92	83.84	86.68	19-Feb-12 02:00:00	0.23	10.35	18.92	83.84	89.15
19-Feb-12 03:00:00	19-Feb-12 04:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	19-Feb-12 03:00:00	0.23	10.35	18.92	83.84	89.14
19-Feb-12 04:00:00	19-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.43	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	19-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.13
19-Feb-12 05:00:00	19-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	19-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.14
19-Feb-12 06:00:00	19-Feb-12 07:00:00	0.00	0.00	0.00	0.00	7.67	2.1	329.7	0.00	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	19-Feb-12 06:00:00	0.23	10.35	18.92	83.84	89.21
19-Feb-12 07:00:00	19-Feb-12 08:00:00	0.00	0.00	0.00	0.00	7.79	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	19-Feb-12 07:00:00	0.23	10.35	18.92	83.84	89.25
19-Feb-12 08:00:00	19-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.90	2.1	329.7	0.00	0.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	19-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.29
19-Feb-12 09:00:00	19-Feb-12 10:00:00	0.00	0.00	0.00	0.00	8.01	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	19-Feb-12 09:00:00	0.23	10.35	18.92	83.84	89.32
19-Feb-12 10:00:00	19-Feb-12 11:00:00	0.00	0.00	0.00	0.00	8.04	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	19-Feb-12 10:00:00	0.23	10.35	18.92	83.84	89.33
19-Feb-12 11:00:00	19-Feb-12 12:00:00	0.00	0.00	0.00	0.00	8.04	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	19-Feb-12 11:00:00	0.23	10.35	18.92	83.84	89.33
19-Feb-12 12:00:00	19-Feb-12 13:00:00	0.00	1.43	0.00	0.00	8.04	2.1	329.7	0.00	0.47	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	19-Feb-12 12:00:00	0.23	10.82	18.92	83.84	89.33
19-Feb-12 13:00:00	19-Feb-12 14:00:00	0.00	0.00	0.00	0.00	8.05	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	19-Feb-12 13:00:00	0.23	10			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)							
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	
21-Feb-12 00:00:00	21-Feb-12 01:00:00	866.06	1,705.88	0.00	0.00	8.09	2.1	329.7	285.54	562.43	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	21-Feb-12 00:00:00	285.77	572.78	18.92	83.84	89.35	
21-Feb-12 01:00:00	21-Feb-12 02:00:00	833.32	1,778.79	0.00	0.00	8.31	2.1	329.7	274.75	586.47	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	21-Feb-12 01:00:00	274.98	596.82	18.92	83.84	89.42	
21-Feb-12 02:00:00	21-Feb-12 03:00:00	1,630.49	765.84	0.00	39.19	268.85	2.1	329.7	537.57	252.50	0.00	12.92	88.64	0.23	10.35	18.92	83.84	86.68	21-Feb-12 02:00:00	537.80	262.85	18.92	96.76	175.32	
21-Feb-12 03:00:00	21-Feb-12 04:00:00	1,286.04	1,713.45	0.00	0.00	10.77	2.1	329.7	424.01	564.92	0.00	0.00	3.55	0.23	10.35	18.92	83.84	86.68	21-Feb-12 03:00:00	424.24	575.27	18.92	83.84	90.23	
21-Feb-12 04:00:00	21-Feb-12 05:00:00	824.82	1,438.99	0.00	0.00	10.05	2.1	329.7	271.94	474.44	0.00	0.00	3.31	0.23	10.35	18.92	83.84	86.68	21-Feb-12 04:00:00	272.17	484.79	18.92	83.84	89.99	
21-Feb-12 05:00:00	21-Feb-12 06:00:00	709.05	1,620.80	0.00	0.00	9.34	2.1	329.7	233.77	534.38	0.00	0.00	3.08	0.23	10.35	18.92	83.84	86.68	21-Feb-12 05:00:00	234.00	544.73	18.92	83.84	89.76	
21-Feb-12 06:00:00	21-Feb-12 07:00:00	985.73	1,102.54	0.00	0.00	8.60	2.1	329.7	325.00	363.51	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	21-Feb-12 06:00:00	325.23	373.86	18.92	83.84	89.52	
21-Feb-12 07:00:00	21-Feb-12 08:00:00	917.06	1,752.14	0.00	0.00	8.03	2.1	329.7	302.35	577.68	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	21-Feb-12 07:00:00	302.58	588.03	18.92	83.84	89.33	
21-Feb-12 08:00:00	21-Feb-12 09:00:00	1,165.72	1,048.41	0.00	0.00	7.86	2.1	329.7	384.34	345.66	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	21-Feb-12 08:00:00	384.57	356.01	18.92	83.84	89.27	
21-Feb-12 09:00:00	21-Feb-12 10:00:00	1,042.94	0.00	0.00	0.00	7.69	2.1	329.7	343.86	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	21-Feb-12 09:00:00	344.09	10.35	18.92	83.84	89.22	
21-Feb-12 10:00:00	21-Feb-12 11:00:00	1,621.86	7.33	0.00	0.00	7.53	2.1	329.7	534.73	2.42	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	21-Feb-12 10:00:00	534.96	12.77	18.92	83.84	89.16	
21-Feb-12 11:00:00	21-Feb-12 12:00:00	1,549.04	0.00	0.00	0.00	7.31	2.1	329.7	510.72	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	21-Feb-12 11:00:00	510.95	10.35	18.92	83.84	89.09	
21-Feb-12 12:00:00	21-Feb-12 13:00:00	1,409.67	0.00	0.00	0.00	7.05	2.1	329.7	464.77	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	21-Feb-12 12:00:00	465.00	10.35	18.92	83.84	89.00	
21-Feb-12 13:00:00	21-Feb-12 14:00:00	1,435.31	0.00	0.00	0.00	6.78	2.1	329.7	473.22	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	21-Feb-12 13:00:00	473.45	10.35	18.92	83.84	88.92	
21-Feb-12 14:00:00	21-Feb-12 15:00:00	1,243.21	0.00	0.00	0.00	6.51	2.1	329.7	409.89	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	21-Feb-12 14:00:00	410.12	10.35	18.92	83.84	88.83	
21-Feb-12 15:00:00	21-Feb-12 16:00:00	1,662.93	0.00	0.00	0.00	6.29	2.1	329.7	548.27	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	21-Feb-12 15:00:00	548.50	10.35	18.92	83.84	88.75	
21-Feb-12 16:00:00	21-Feb-12 17:00:00	1,734.87	0.00	0.00	0.00	6.20	2.1	329.7	571.99	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	21-Feb-12 16:00:00	572.22	10.35	18.92	83.84	88.72	
21-Feb-12 17:00:00	21-Feb-12 18:00:00	1,534.98	0.00	0.00	0.00	6.10	2.1	329.7	506.08	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	21-Feb-12 17:00:00	506.31	10.35	18.92	83.84	88.69	
21-Feb-12 18:00:00	21-Feb-12 19:00:00	1,671.81	0.00	0.00	0.00	6.01	2.1	329.7	551.19	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	21-Feb-12 18:00:00	551.42	10.35	18.92	83.84	88.66	
21-Feb-12 19:00:00	21-Feb-12 20:00:00	1,727.11	0.00	0.00	0.08	6.06	2.1	329.7	569.43	0.00	0.00	0.03	2.00	0.23	10.35	18.92	83.84	86.68	21-Feb-12 19:00:00	569.66	10.35	18.92	83.84	88.68	
21-Feb-12 20:00:00	21-Feb-12 21:00:00	1,694.21	0.00	0.00	0.00	6.27	2.1	329.7	558.58	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	21-Feb-12 20:00:00	558.81	10.35	18.92	83.84	88.75	
21-Feb-12 21:00:00	21-Feb-12 22:00:00	1,376.31	0.00	0.00	0.00	6.47	2.1	329.7	453.77	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	21-Feb-12 21:00:00	454.00	10.35	18.92	83.84	88.81	
21-Feb-12 22:00:00	21-Feb-12 23:00:00	1,649.01	0.00	0.00	0.09	6.68	2.1	329.7	543.68	0.00	0.00	0.03	2.20	0.23	10.35	18.92	83.84	86.68	21-Feb-12 22:00:00	543.91	10.35	18.92	83.84	88.88	
21-Feb-12 23:00:00	22-Feb-12 00:00:00	1,506.35	0.00	0.00	0.00	6.79	2.1	329.7	496.64	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	21-Feb-12 23:00:00	496.87	10.35	18.92	83.84	88.92	
22-Feb-12 00:00:00	22-Feb-12 01:00:00	1,396.76	0.00	0.00	0.00	6.95	2.1	329.7	460.51	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	22-Feb-12 00:00:00	460.74	10.35	18.92	83.84	88.97	
22-Feb-12 01:00:00	22-Feb-12 02:00:00	1,257.38	0.00	0.00	0.00	7.10	2.1	329.7	414.56	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	22-Feb-12 01:00:00	414.79	10.35	18.92	83.84	89.02	
22-Feb-12 02:00:00	22-Feb-12 03:00:00	961.40	0.00	0.00	0.00	7.25	2.1	329.7	316.97	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	22-Feb-12 02:00:00	317.20	10.35	18.92	83.84	89.07	
22-Feb-12 03:00:00	22-Feb-12 04:00:00	919.34	0.00	0.00	0.00	7.34	2.1	329.7	303.11	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	22-Feb-12 03:00:00	303.34	10.35	18.92	83.84	89.10	
22-Feb-12 04:00:00	22-Feb-12 05:00:00	1,286.48	156.74	0.00	0.00	7.37	2.1	329.7	424.15	51.68	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	22-Feb-12 04:00:00	424.38	62.03	18.92	83.84	89.11	
22-Feb-12 05:00:00	22-Feb-12 06:00:00	983.69	288.11	0.00	0.00	7.40	2.1	329.7	324.32	94.99	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	22-Feb-12 05:00:00	324.55	105.34	18.92	83.84	89.12	
22-Feb-12 06:00:00	22-Feb-12 07:00:00	1,158.77	308.32	0.00	0.00	7.42	2.1	329.7	382.05	101.65	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	22-Feb-12 06:00:00	382.28	112.00	18.92	83.84	89.13	
22-Feb-12 07:00:00	22-Feb-12 08:00:00	841.81	547.28	0.00	0.00	7.31	2.1	329.7	277.55	180.44	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	22-Feb-12 07:00:00	277.78	190.79	18.92	83.84	89.09	
22-Feb-12 08:00:00	22-Feb-12 09:00:00	714.36	785.18	0.00	0.00	7.14	2.1	329.7	235.52	258.88	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	22-Feb-12 08:00:00	235.75	269.23	18.92	83.84	89.03	
22-Feb-12 09:00:00	22-Feb-12 10:00:00	605.51	1,221.36	0.00	0.00	6.97	2.1	329.7	199.64	402.68	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	22-Feb-12 09:00:00	199.87	413.03	18.92	83.84	88.98	
22-Feb-12 10:00:00	22-Feb-12 11:00:00	0.00	704.67	0.00	0.19	6.79	2.1	329.7	0.00	232.33	0.00	0.00	0.06	2.24	0.23	10.35	18.92	83.84	86.68	22-Feb-12 10:00:00	0.23	242.68	18.92	83.84	88.92
22-Feb-12 11:00:00	22-Feb-12 12:00:00	0.00	605.31	0.00	0.06	6.59	2.1	329.7	0.00	199.57	0.00	0.00	0.02	2.17	0.23	10.35	18.92	83.84	86.68	22-Feb-12 11:00:00	0.23	209.92	18.92	83.84	88.85
22-Feb-12 12:00:00	22-Feb-12 13:00:00	0.00	248.85	0.00	0.00	6.39	2.1	329.7	0.00	82.04	0.00	0.00	0.00	2.11	0.23										

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
24-Feb-12 00:00:00	24-Feb-12 01:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	24-Feb-12 00:00:00	0.23	10.35	18.92	83.84	88.75
24-Feb-12 01:00:00	24-Feb-12 02:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	24-Feb-12 01:00:00	0.23	10.35	18.92	83.84	88.78
24-Feb-12 02:00:00	24-Feb-12 03:00:00	0.00	0.00	0.00	0.11	6.44	2.1	329.7	0.00	0.00	0.00	0.04	2.12	0.23	10.35	18.92	83.84	86.68	24-Feb-12 02:00:00	0.23	10.35	18.92	83.88	88.80
24-Feb-12 03:00:00	24-Feb-12 04:00:00	154.59	0.00	0.00	0.00	6.51	2.1	329.7	50.97	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	24-Feb-12 03:00:00	51.20	10.35	18.92	83.84	88.83
24-Feb-12 04:00:00	24-Feb-12 05:00:00	222.78	0.00	0.00	0.00	6.58	2.1	329.7	73.45	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	24-Feb-12 04:00:00	73.68	10.35	18.92	83.84	88.85
24-Feb-12 05:00:00	24-Feb-12 06:00:00	20.72	0.00	0.00	0.00	6.67	2.1	329.7	6.83	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	24-Feb-12 05:00:00	7.06	10.35	18.92	83.84	88.88
24-Feb-12 06:00:00	24-Feb-12 07:00:00	0.00	0.00	0.00	0.04	6.64	2.1	329.7	0.00	0.00	0.00	0.01	2.19	0.23	10.35	18.92	83.84	86.68	24-Feb-12 06:00:00	0.23	10.35	18.92	83.85	88.87
24-Feb-12 07:00:00	24-Feb-12 08:00:00	0.00	0.00	0.00	0.07	6.60	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	24-Feb-12 07:00:00	0.23	10.35	18.92	83.86	88.86
24-Feb-12 08:00:00	24-Feb-12 09:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	24-Feb-12 08:00:00	0.23	10.35	18.92	83.84	88.84
24-Feb-12 09:00:00	24-Feb-12 10:00:00	0.00	0.00	0.00	0.07	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	24-Feb-12 09:00:00	0.23	10.35	18.92	83.86	88.84
24-Feb-12 10:00:00	24-Feb-12 11:00:00	0.00	0.00	0.00	0.54	6.65	2.1	329.7	0.00	0.00	0.00	0.18	2.19	0.23	10.35	18.92	83.84	86.68	24-Feb-12 10:00:00	0.23	10.35	18.92	84.02	88.87
24-Feb-12 11:00:00	24-Feb-12 12:00:00	0.00	0.76	0.00	0.08	6.76	2.1	329.7	0.00	0.25	0.00	0.03	2.23	0.23	10.35	18.92	83.84	86.68	24-Feb-12 11:00:00	0.23	10.60	18.92	83.87	88.91
24-Feb-12 12:00:00	24-Feb-12 13:00:00	0.00	0.00	0.00	0.07	6.86	2.1	329.7	0.00	0.00	0.00	0.02	2.26	0.23	10.35	18.92	83.84	86.68	24-Feb-12 12:00:00	0.23	10.35	18.92	83.86	88.94
24-Feb-12 13:00:00	24-Feb-12 14:00:00	0.00	0.00	0.00	0.19	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	24-Feb-12 13:00:00	0.23	10.35	18.92	83.90	88.97
24-Feb-12 14:00:00	24-Feb-12 15:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	24-Feb-12 14:00:00	0.23	10.35	18.92	83.84	89.02
24-Feb-12 15:00:00	24-Feb-12 16:00:00	0.00	0.00	0.00	0.17	7.23	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	24-Feb-12 15:00:00	0.23	10.35	18.92	83.90	89.06
24-Feb-12 16:00:00	24-Feb-12 17:00:00	0.00	0.00	0.00	0.11	7.38	2.1	329.7	0.00	0.00	0.00	0.04	2.43	0.23	10.35	18.92	83.84	86.68	24-Feb-12 16:00:00	0.23	10.35	18.92	83.88	89.11
24-Feb-12 17:00:00	24-Feb-12 18:00:00	0.00	0.00	0.00	0.17	7.27	2.1	329.7	0.00	0.00	0.00	0.05	2.40	0.23	10.35	18.92	83.84	86.68	24-Feb-12 17:00:00	0.23	10.35	18.92	83.89	89.08
24-Feb-12 18:00:00	24-Feb-12 19:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	24-Feb-12 18:00:00	0.23	10.35	18.92	83.84	89.08
24-Feb-12 19:00:00	24-Feb-12 20:00:00	0.00	1.61	0.00	0.00	7.36	2.1	329.7	0.00	0.53	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	24-Feb-12 19:00:00	0.23	10.88	18.92	83.84	89.11
24-Feb-12 20:00:00	24-Feb-12 21:00:00	0.00	3.27	0.00	0.00	7.44	2.1	329.7	0.00	1.08	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	24-Feb-12 20:00:00	0.23	11.43	18.92	83.84	89.13
24-Feb-12 21:00:00	24-Feb-12 22:00:00	0.00	5.54	0.00	0.32	7.59	2.1	329.7	0.00	1.83	0.00	0.11	2.50	0.23	10.35	18.92	83.84	86.68	24-Feb-12 21:00:00	0.23	12.18	18.92	83.95	89.18
24-Feb-12 22:00:00	24-Feb-12 23:00:00	0.00	5.07	0.00	0.00	7.78	2.1	329.7	0.00	1.67	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	24-Feb-12 22:00:00	0.23	12.02	18.92	83.84	89.24
24-Feb-12 23:00:00	25-Feb-12 00:00:00	0.00	1.97	0.00	0.00	7.97	2.1	329.7	0.00	0.65	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	24-Feb-12 23:00:00	0.23	11.00	18.92	83.84	89.31
25-Feb-12 00:00:00	25-Feb-12 01:00:00	0.00	4.23	0.00	0.00	8.15	2.1	329.7	0.00	1.39	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	25-Feb-12 00:00:00	0.23	11.74	18.92	83.84	89.37
25-Feb-12 01:00:00	25-Feb-12 02:00:00	0.00	0.90	0.00	0.00	8.30	2.1	329.7	0.00	0.30	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	25-Feb-12 01:00:00	0.23	10.65	18.92	83.84	89.42
25-Feb-12 02:00:00	25-Feb-12 03:00:00	0.00	1.54	0.00	0.00	8.46	2.1	329.7	0.00	0.51	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	25-Feb-12 02:00:00	0.23	10.86	18.92	83.84	89.47
25-Feb-12 03:00:00	25-Feb-12 04:00:00	0.00	3.28	0.00	0.00	8.63	2.1	329.7	0.00	1.08	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	25-Feb-12 03:00:00	0.23	11.43	18.92	83.84	89.52
25-Feb-12 04:00:00	25-Feb-12 05:00:00	0.00	4.24	0.00	0.00	8.80	2.1	329.7	0.00	1.40	0.00	0.00	2.90	0.23	10.35	18.92	83.84	86.68	25-Feb-12 04:00:00	0.23	11.75	18.92	83.84	89.58
25-Feb-12 05:00:00	25-Feb-12 06:00:00	0.00	8.78	0.00	0.00	8.92	2.1	329.7	0.00	2.89	0.00	0.00	2.94	0.23	10.35	18.92	83.84	86.68	25-Feb-12 05:00:00	0.23	13.24	18.92	83.84	89.62
25-Feb-12 06:00:00	25-Feb-12 07:00:00	0.00	12.48	0.00	0.00	9.08	2.1	329.7	0.00	4.12	0.00	0.00	2.99	0.23	10.35	18.92	83.84	86.68	25-Feb-12 06:00:00	0.23	14.47	18.92	83.84	89.67
25-Feb-12 07:00:00	25-Feb-12 08:00:00	0.00	11.86	0.00	1.25	56.13	2.1	329.7	0.00	3.91	0.00	0.41	18.51	0.23	10.35	18.92	83.84	86.68	25-Feb-12 07:00:00	0.23	14.26	18.92	84.25	105.19
25-Feb-12 08:00:00	25-Feb-12 09:00:00	0.00	12.21	0.00	0.00	8.87	2.1	329.7	0.00	4.03	0.00	0.00	2.92	0.23	10.35	18.92	83.84	86.68	25-Feb-12 08:00:00	0.23	14.38	18.92	83.84	89.60
25-Feb-12 09:00:00	25-Feb-12 10:00:00	0.00	12.59	0.00	0.06	8.58	2.1	329.7	0.00	4.15	0.00	0.02	2.83	0.23	10.35	18.92	83.84	86.68	25-Feb-12 09:00:00	0.23	14.50	18.92	83.86	89.51
25-Feb-12 10:00:00	25-Feb-12 11:00:00	0.00	12.99	0.00	0.22	8.30	2.1	329.7	0.00	4.28	0.00	0.07	2.74	0.23	10.35	18.92	83.84	86.68	25-Feb-12 10:00:00	0.23	14.63	18.92	83.91	89.42
25-Feb-12 11:00:00	25-Feb-12 12:00:00	0.00	7.44	0.00	0.00	8.07	2.1	329.7	0.00	2.45	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	25-Feb-12 11:00:00	0.23	12.80	18.92	83.84	89.34
25-Feb-12 12:00:00	25-Feb-12 13:00:00	0.00	1.66	0.00	0.19	7.93	2.1	329.7	0.00	0.55	0.00	0.06	2.61	0.23	10.35	18.92	83.84	86.68	25-Feb-12 12:00:00	0.23	10.90	18.92	83.90	89.29
25-Feb-12 13:00:00	25-Feb-12 14:00:00	0.00	0.00	0.00	0.00	7.78	2.1	329.7	0.00	0.00	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	25-Feb-12 13:00:00	0.23	10.35	18.92	83.84	89.24
25-Feb-12 14:00:00	25-Feb-12 15:00:00	0.00	0.05	0.00	0.00	7.62	2.1	329.7	0.00	0.02	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	25-Feb-12 14:00:00	0.23	10.37	18.92	83.84	89.19
25-Feb-12 15:00:00	25-Feb-12 16:00:00	0.00	2.98	0.00	0.06	7.49	2.1	329.7	0.00	0.98	0.00	0.02	2.47	0.23	10.35	18.92	83.84	86.68	25-Feb-12 15:00:00	0.23	11.33	18.92	83.86	89.15
25-Feb-12 16:00:00	25-Feb-12 17:00:00	0.00	1.88	0.00	0.00	7.33	2.1	329.7	0.00	0.62	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	25-Feb-12 16:00:00	0.23	10.97	18.92	83.84	89.10
25-Feb-12 17:00:00	25-Feb-12 18:00:00	0.00	1.23	0.00	0.00	7.15	2.1	329.7	0.00	0.40	0.00	0.00	2.36	0.23	10.35									

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
27-Feb-12 00:00:00	27-Feb-12 01:00:00	0.00	0.00	0.00	0.00	8.03	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	27-Feb-12 00:00:00	0.23	10.35	18.92	83.84	89.33
27-Feb-12 01:00:00	27-Feb-12 02:00:00	0.00	0.00	0.00	0.00	8.01	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	27-Feb-12 01:00:00	0.23	10.35	18.92	83.84	89.32
27-Feb-12 02:00:00	27-Feb-12 03:00:00	0.00	0.00	0.00	0.00	7.99	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	27-Feb-12 02:00:00	0.23	10.35	18.92	83.84	89.32
27-Feb-12 03:00:00	27-Feb-12 04:00:00	0.00	0.00	0.00	0.00	7.99	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	27-Feb-12 03:00:00	0.23	10.35	18.92	83.84	89.31
27-Feb-12 04:00:00	27-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.88	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	27-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.28
27-Feb-12 05:00:00	27-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.74	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	27-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.23
27-Feb-12 06:00:00	27-Feb-12 07:00:00	0.00	0.00	0.00	0.41	7.60	2.1	329.7	0.00	0.00	0.13	2.50	0.23	10.35	18.92	83.84	86.68	27-Feb-12 06:00:00	0.23	10.35	18.92	83.97	89.18	
27-Feb-12 07:00:00	27-Feb-12 08:00:00	0.00	0.00	0.00	0.13	7.49	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	27-Feb-12 07:00:00	0.23	10.35	18.92	83.88	89.15
27-Feb-12 08:00:00	27-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	27-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.15
27-Feb-12 09:00:00	27-Feb-12 10:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-Feb-12 09:00:00	0.23	10.35	18.92	83.84	89.14
27-Feb-12 10:00:00	27-Feb-12 11:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-Feb-12 10:00:00	0.23	10.35	18.92	83.84	89.14
27-Feb-12 11:00:00	27-Feb-12 12:00:00	0.00	0.00	0.00	0.00	7.40	2.1	329.7	0.00	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	27-Feb-12 11:00:00	0.23	10.35	18.92	83.84	89.12
27-Feb-12 12:00:00	27-Feb-12 13:00:00	0.00	0.27	0.00	0.00	7.20	2.1	329.7	0.00	0.09	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	27-Feb-12 12:00:00	0.23	10.44	18.92	83.84	89.05
27-Feb-12 13:00:00	27-Feb-12 14:00:00	0.00	2.44	0.00	0.00	6.99	2.1	329.7	0.00	0.80	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	27-Feb-12 13:00:00	0.23	11.15	18.92	83.84	88.99
27-Feb-12 14:00:00	27-Feb-12 15:00:00	0.00	2.72	0.00	0.00	6.79	2.1	329.7	0.00	0.90	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	27-Feb-12 14:00:00	0.23	11.25	18.92	83.84	88.92
27-Feb-12 15:00:00	27-Feb-12 16:00:00	0.00	1.63	0.00	0.00	6.72	2.1	329.7	0.00	0.54	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	27-Feb-12 15:00:00	0.23	10.89	18.92	83.84	88.90
27-Feb-12 16:00:00	27-Feb-12 17:00:00	0.00	0.94	0.00	0.20	6.78	2.1	329.7	0.00	0.31	0.00	0.07	2.24	0.23	10.35	18.92	83.84	86.68	27-Feb-12 16:00:00	0.23	10.66	18.92	83.91	88.92
27-Feb-12 17:00:00	27-Feb-12 18:00:00	0.00	0.59	0.00	0.00	6.80	2.1	329.7	0.00	0.19	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	27-Feb-12 17:00:00	0.23	10.54	18.92	83.84	88.92
27-Feb-12 18:00:00	27-Feb-12 19:00:00	0.00	0.23	0.00	0.14	6.83	2.1	329.7	0.00	0.08	0.00	0.05	2.25	0.23	10.35	18.92	83.84	86.68	27-Feb-12 18:00:00	0.23	10.43	18.92	83.89	88.93
27-Feb-12 19:00:00	27-Feb-12 20:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	27-Feb-12 19:00:00	0.23	10.35	18.92	83.84	88.94
27-Feb-12 20:00:00	27-Feb-12 21:00:00	0.00	0.00	0.00	0.14	6.89	2.1	329.7	0.00	0.00	0.05	0.00	2.27	0.23	10.35	18.92	83.84	86.68	27-Feb-12 20:00:00	0.23	10.35	18.92	83.89	88.95
27-Feb-12 21:00:00	27-Feb-12 22:00:00	0.00	0.00	0.00	0.08	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	27-Feb-12 21:00:00	0.23	10.35	18.92	83.87	88.95
27-Feb-12 22:00:00	27-Feb-12 23:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-Feb-12 22:00:00	0.23	10.35	18.92	83.84	88.96
27-Feb-12 23:00:00	28-Feb-12 00:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-Feb-12 23:00:00	0.23	10.35	18.92	83.84	88.96
28-Feb-12 00:00:00	28-Feb-12 01:00:00	0.00	0.16	0.00	0.00	6.91	2.1	329.7	0.00	0.05	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-Feb-12 00:00:00	0.23	10.40	18.92	83.84	88.96
28-Feb-12 01:00:00	28-Feb-12 02:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-Feb-12 01:00:00	0.23	10.35	18.92	83.84	88.96
28-Feb-12 02:00:00	28-Feb-12 03:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-Feb-12 02:00:00	0.23	10.35	18.92	83.84	88.96
28-Feb-12 03:00:00	28-Feb-12 04:00:00	0.00	0.00	0.00	0.20	6.95	2.1	329.7	0.00	0.00	0.00	0.07	2.29	0.23	10.35	18.92	83.84	86.68	28-Feb-12 03:00:00	0.23	10.35	18.92	83.91	88.97
28-Feb-12 04:00:00	28-Feb-12 05:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	28-Feb-12 04:00:00	0.23	10.35	18.92	83.84	89.01
28-Feb-12 05:00:00	28-Feb-12 06:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	28-Feb-12 05:00:00	0.23	10.35	18.92	83.84	89.06
28-Feb-12 06:00:00	28-Feb-12 07:00:00	0.00	0.00	0.00	0.00	7.36	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	28-Feb-12 06:00:00	0.23	10.35	18.92	83.84	89.11
28-Feb-12 07:00:00	28-Feb-12 08:00:00	0.00	0.00	0.00	0.00	7.43	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	28-Feb-12 07:00:00	0.23	10.35	18.92	83.84	89.13
28-Feb-12 08:00:00	28-Feb-12 09:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	28-Feb-12 08:00:00	0.23	10.35	18.92	83.84	89.05
28-Feb-12 09:00:00	28-Feb-12 10:00:00	0.00	1.06	0.00	0.00	6.88	2.1	329.7	0.00	0.35	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	28-Feb-12 09:00:00	0.23	10.70	18.92	83.84	88.95
28-Feb-12 10:00:00	28-Feb-12 11:00:00	0.00	1.06	0.00	0.00	6.58	2.1	329.7	0.00	0.35	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	28-Feb-12 10:00:00	0.23	10.70	18.92	83.84	88.85
28-Feb-12 11:00:00	28-Feb-12 12:00:00	0.00	2.30	0.00	0.00	6.35	2.1	329.7	0.00	0.76	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Feb-12 11:00:00	0.23	11.11	18.92	83.84	88.77
28-Feb-12 12:00:00	28-Feb-12 13:00:00	0.00	0.15	0.00	0.00	6.21	2.1	329.7	0.00	0.05	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Feb-12 12:00:00	0.23	10.40	18.92	83.84	88.73
28-Feb-12 13:00:00	28-Feb-12 14:00:00	0.00	0.44	0.00	0.00	6.06	2.1	329.7	0.00	0.14	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	28-Feb-12 13:00:00	0.23	10.49	18.92	83.	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
01-Mar-12 00:00:00	01-Mar-12 01:00:00	645.32	0.07	1,238.63	0.00	6.39	2.1	329.7	212.76	0.02	408.38	0.00	2.11	0.23	10.35	18.92	83.84	86.68	01-Mar-12 00:00:00	212.99	10.37	427.30	83.84	88.79
01-Mar-12 01:00:00	01-Mar-12 02:00:00	664.19	0.00	1,211.18	0.00	6.58	2.1	329.7	218.98	0.00	399.32	0.00	2.17	0.23	10.35	18.92	83.84	86.68	01-Mar-12 01:00:00	219.21	10.35	418.24	83.84	88.85
01-Mar-12 02:00:00	01-Mar-12 03:00:00	597.60	0.00	1,201.82	0.00	6.72	2.1	329.7	197.03	0.00	396.24	0.00	2.21	0.23	10.35	18.92	83.84	86.68	01-Mar-12 02:00:00	197.26	10.35	415.16	83.84	88.89
01-Mar-12 03:00:00	01-Mar-12 04:00:00	593.48	0.00	1,201.64	0.00	6.70	2.1	329.7	195.67	0.00	396.18	0.00	2.21	0.23	10.35	18.92	83.84	86.68	01-Mar-12 03:00:00	195.90	10.35	415.10	83.84	88.89
01-Mar-12 04:00:00	01-Mar-12 05:00:00	604.73	1.49	1,201.83	0.00	6.68	2.1	329.7	199.38	0.49	396.24	0.00	2.20	0.23	10.35	18.92	83.84	86.68	01-Mar-12 04:00:00	199.61	10.84	415.16	83.84	88.88
01-Mar-12 05:00:00	01-Mar-12 06:00:00	581.98	1.74	1,212.58	0.00	6.67	2.1	329.7	191.88	0.57	399.79	0.00	2.20	0.23	10.35	18.92	83.84	86.68	01-Mar-12 05:00:00	192.11	10.92	418.71	83.84	88.88
01-Mar-12 06:00:00	01-Mar-12 07:00:00	663.40	0.80	1,213.70	0.00	6.69	2.1	329.7	218.72	0.26	400.16	0.00	2.21	0.23	10.35	18.92	83.84	86.68	01-Mar-12 06:00:00	218.95	10.61	419.08	83.84	88.89
01-Mar-12 07:00:00	01-Mar-12 08:00:00	755.85	0.02	978.54	0.00	6.74	2.1	329.7	249.20	0.01	322.63	0.00	2.22	0.23	10.35	18.92	83.84	86.68	01-Mar-12 07:00:00	249.43	10.36	341.55	83.84	88.90
01-Mar-12 08:00:00	01-Mar-12 09:00:00	1476.40	0.01	527.82	0.08	6.79	2.1	329.7	486.77	0.00	174.02	0.03	2.24	0.23	10.35	18.92	83.84	86.68	01-Mar-12 08:00:00	487.00	10.35	192.94	83.87	88.92
01-Mar-12 09:00:00	01-Mar-12 10:00:00	1552.55	0.18	524.21	0.00	6.82	2.1	329.7	511.88	0.06	172.83	0.00	2.25	0.23	10.35	18.92	83.84	86.68	01-Mar-12 09:00:00	512.11	10.41	191.75	83.84	88.93
01-Mar-12 10:00:00	01-Mar-12 11:00:00	2049.69	0.00	523.56	0.07	6.60	2.1	329.7	675.78	0.00	172.62	0.02	2.18	0.23	10.35	18.92	83.84	86.68	01-Mar-12 10:00:00	676.01	10.35	191.54	83.86	88.86
01-Mar-12 11:00:00	01-Mar-12 12:00:00	2,157.80	0.10	524.94	0.27	6.35	2.1	329.7	711.43	0.03	173.07	0.09	2.09	0.23	10.35	18.92	83.84	86.68	01-Mar-12 11:00:00	711.66	10.38	191.99	83.93	88.77
01-Mar-12 12:00:00	01-Mar-12 13:00:00	2,039.82	0.83	522.83	3.19	6.11	2.1	329.7	672.53	0.27	172.38	1.05	2.01	0.23	10.35	18.92	83.84	86.68	01-Mar-12 12:00:00	672.76	10.62	191.30	84.89	88.69
01-Mar-12 13:00:00	01-Mar-12 14:00:00	1,598.85	2.52	523.02	6.26	5.84	2.1	329.7	527.14	0.83	172.44	2.06	1.93	0.23	10.35	18.92	83.84	86.68	01-Mar-12 13:00:00	527.37	11.18	191.36	85.90	88.61
01-Mar-12 14:00:00	01-Mar-12 15:00:00	1,692.32	3.29	521.55	3.20	5.66	2.1	329.7	557.96	1.09	171.96	1.05	1.87	0.23	10.35	18.92	83.84	86.68	01-Mar-12 14:00:00	558.19	11.44	190.88	84.89	88.55
01-Mar-12 15:00:00	01-Mar-12 16:00:00	1,802.59	12.48	522.98	1.10	5.63	2.1	329.7	594.32	4.12	172.43	0.36	1.86	0.23	10.35	18.92	83.84	86.68	01-Mar-12 15:00:00	594.55	14.47	191.35	84.20	88.54
01-Mar-12 16:00:00	01-Mar-12 17:00:00	1,942.50	12.32	522.70	3.30	5.60	2.1	329.7	640.44	4.06	172.33	1.09	1.85	0.23	10.35	18.92	83.84	86.68	01-Mar-12 16:00:00	640.67	14.41	191.25	84.93	88.53
01-Mar-12 17:00:00	01-Mar-12 18:00:00	1,561.63	10.80	522.26	0.95	5.56	2.1	329.7	514.87	3.56	172.19	0.31	1.83	0.23	10.35	18.92	83.84	86.68	01-Mar-12 17:00:00	515.10	13.91	191.11	84.15	88.51
01-Mar-12 18:00:00	01-Mar-12 19:00:00	1,811.87	8.47	522.02	0.39	5.67	2.1	329.7	597.37	2.79	172.11	0.13	1.87	0.23	10.35	18.92	83.84	86.68	01-Mar-12 18:00:00	597.60	13.14	191.03	83.97	88.55
01-Mar-12 19:00:00	01-Mar-12 20:00:00	1,714.49	6.77	524.20	0.16	5.92	2.1	329.7	565.27	2.23	172.83	0.05	1.95	0.23	10.35	18.92	83.84	86.68	01-Mar-12 19:00:00	565.50	12.58	191.75	83.89	88.63
01-Mar-12 20:00:00	01-Mar-12 21:00:00	1,714.88	4.29	522.48	0.19	6.67	2.1	329.7	565.40	1.41	172.26	0.06	2.00	0.23	10.35	18.92	83.84	86.68	01-Mar-12 20:00:00	565.63	11.76	191.18	83.90	108.68
01-Mar-12 21:00:00	01-Mar-12 22:00:00	1,664.81	1.71	522.37	0.09	90.11	2.1	329.7	548.89	0.56	172.23	0.03	29.71	0.23	10.35	18.92	83.84	86.68	01-Mar-12 21:00:00	549.12	10.91	191.15	83.87	116.39
01-Mar-12 22:00:00	01-Mar-12 23:00:00	2,049.08	4.44	523.86	39.23	239.21	2.1	329.7	675.58	1.46	172.72	12.93	78.87	0.23	10.35	18.92	83.84	86.68	01-Mar-12 22:00:00	675.81	11.81	191.64	96.77	165.55
01-Mar-12 23:00:00	02-Mar-12 00:00:00	1,930.84	2.91	523.05	96.95	582.40	2.1	329.7	636.60	0.96	172.45	31.96	192.02	0.23	10.35	18.92	83.84	86.68	01-Mar-12 23:00:00	636.83	11.31	191.37	115.80	278.70
02-Mar-12 00:00:00	02-Mar-12 01:00:00	1,863.40	1.97	522.87	0.00	399.39	2.1	329.7	614.36	0.65	172.39	0.00	131.68	0.23	10.35	18.92	83.84	86.68	02-Mar-12 00:00:00	614.59	11.00	191.31	83.84	218.36
02-Mar-12 01:00:00	02-Mar-12 02:00:00	1,620.85	13.10	522.77	0.00	223.20	2.1	329.7	534.39	4.32	172.36	0.00	73.59	0.23	10.35	18.92	83.84	86.68	02-Mar-12 01:00:00	534.62	14.67	191.28	83.84	160.27
02-Mar-12 02:00:00	02-Mar-12 03:00:00	1,349.95	12.07	520.51	0.00	222.38	2.1	329.7	445.08	3.98	171.61	0.00	73.32	0.23	10.35	18.92	83.84	86.68	02-Mar-12 02:00:00	445.31	14.33	190.53	83.84	160.00
02-Mar-12 03:00:00	02-Mar-12 04:00:00	1,322.72	15.84	522.76	0.07	221.69	2.1	329.7	436.10	2.32	172.35	0.02	73.09	0.23	10.35	18.92	83.84	86.68	02-Mar-12 03:00:00	436.33	15.57	191.27	83.86	159.77
02-Mar-12 04:00:00	02-Mar-12 05:00:00	1,586.90	19.56	523.25	0.00	221.00	2.1	329.7	523.20	5.45	172.52	0.00	72.86	0.23	10.35	18.92	83.84	86.68	02-Mar-12 04:00:00	523.43	16.80	191.44	83.84	159.54
02-Mar-12 05:00:00	02-Mar-12 06:00:00	1,958.70	17.14	521.99	0.00	284.82	2.1	329.7	645.78	6.65	172.10	0.00	93.90	0.23	10.35	18.92	83.84	86.68	02-Mar-12 05:00:00	646.01	16.00	191.02	83.84	180.58
02-Mar-12 06:00:00	02-Mar-12 07:00:00	1,982.13	10.21	523.32	1.69	353.75	2.1	329.7	653.51	3.37	172.54	0.56	116.63	0.23	10.35	18.92	83.84	86.68	02-Mar-12 06:00:00	653.74	13.72	191.46	84.40	203.31
02-Mar-12 07:00:00	02-Mar-12 08:00:00	1,853.66	5.98	521.88	0.00	323.80	2.1	329.7	611.15	1.97	172.06	0.00	106.76	0.23	10.35	18.92	83.84	86.68	02-Mar-12 07:00:00	611.38	12.32	190.98	83.84	193.44
02-Mar-12 08:00:00	02-Mar-12 09:00:00	1,947.87	11.45	521.70	0.00	313.00	2.1	329.7	642.21	3.77	172.00	0.00	103.20	0.23	10.35	18.92	83.84	86.68	02-Mar-12 08:00:00	642.44	14.12	190.92	83.84	189.88
02-Mar-12 09:00:00	02-Mar-12 10:00:00	2,056.53	10.08	522.29	0.00	361.64	2.1	329.7	678.04	3.32	172.20	0.00	119.23	0.23	10.35	18.92	83.84	86.68	02-Mar-12 09:00:00	678.27	13.67	191.12	83.84	205.91
02-Mar-12 10:00:00	02-Mar-12 11:00:00	1,903.43	7.05	520.64	0.19	318.44	2.1	329.7	627.56	2.33	171.66	0.06	104.99	0.23	10.35	18.92	83.84	86.68	02-Mar-12 10:00:00	627.79	12.68	190.58	83.90	191.67
02-Mar-12 11:00:00	02-Mar-12 12:00:00	2,003.54	7.44	517.74	0.18	239.32	2.1	329.7	660.57	2.45	170.70	0.06	78.90	0.23	10.35	18.92	83.84	86.68	02-Mar-12 11:00:00	660.80	12.80	189.62	83.90	165.58
02-Mar-12 12:00:00																								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		R1 / Swing / Power Boiler		R2	R3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	R1 / Swing / Power Boiler	R2	R3	CB1	CB2	R1 / Swing / Power Boiler	R2	R3	CB1	CB2	R1 / Swing / Power Boiler	R2	R3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
04-Mar-12 00:00:00	04-Mar-12 01:00:00	0.00	6.83	0.00	0.00	7.76	2.1	329.7	0.00	2.25	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	04-Mar-12 00:00:00	0.23	12.60	18.92	83.84	89.24
04-Mar-12 01:00:00	04-Mar-12 02:00:00	0.00	16.29	0.00	0.00	7.91	2.1	329.7	0.00	5.37	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	04-Mar-12 01:00:00	0.23	15.72	18.92	83.84	89.29
04-Mar-12 02:00:00	04-Mar-12 03:00:00	0.00	11.09	0.00	0.00	8.04	2.1	329.7	0.00	3.66	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	04-Mar-12 02:00:00	0.23	14.01	18.92	83.84	89.33
04-Mar-12 03:00:00	04-Mar-12 04:00:00	0.00	20.97	0.00	0.00	8.13	2.1	329.7	0.00	6.91	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	04-Mar-12 03:00:00	0.23	17.26	18.92	83.84	89.36
04-Mar-12 04:00:00	04-Mar-12 05:00:00	0.00	21.59	0.00	0.00	8.21	2.1	329.7	0.00	7.12	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	04-Mar-12 04:00:00	0.23	17.47	18.92	83.84	89.39
04-Mar-12 05:00:00	04-Mar-12 06:00:00	0.00	20.01	0.00	0.00	8.28	2.1	329.7	0.00	6.60	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	04-Mar-12 05:00:00	0.23	16.95	18.92	83.84	89.41
04-Mar-12 06:00:00	04-Mar-12 07:00:00	0.00	18.96	0.00	0.00	8.30	2.1	329.7	0.00	6.25	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	04-Mar-12 06:00:00	0.23	16.60	18.92	83.84	89.42
04-Mar-12 07:00:00	04-Mar-12 08:00:00	0.00	18.12	0.00	0.00	8.14	2.1	329.7	0.00	5.97	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	04-Mar-12 07:00:00	0.23	16.32	18.92	83.84	89.37
04-Mar-12 08:00:00	04-Mar-12 09:00:00	0.00	16.76	0.00	0.00	8.01	2.1	329.7	0.00	5.53	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	04-Mar-12 08:00:00	0.23	15.88	18.92	83.84	89.32
04-Mar-12 09:00:00	04-Mar-12 10:00:00	0.00	16.69	0.00	0.00	7.88	2.1	329.7	0.00	5.50	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	04-Mar-12 09:00:00	0.23	15.85	18.92	83.84	89.28
04-Mar-12 10:00:00	04-Mar-12 11:00:00	0.00	16.53	0.00	0.56	7.82	2.1	329.7	0.00	5.45	0.00	0.19	2.58	0.23	10.35	18.92	83.84	86.68	04-Mar-12 10:00:00	0.23	15.80	18.92	84.03	89.26
04-Mar-12 11:00:00	04-Mar-12 12:00:00	0.00	16.55	0.00	0.00	7.94	2.1	329.7	0.00	5.46	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	04-Mar-12 11:00:00	0.23	15.81	18.92	83.84	89.30
04-Mar-12 12:00:00	04-Mar-12 13:00:00	0.00	17.82	0.00	0.15	8.03	2.1	329.7	0.00	5.87	0.00	0.05	2.65	0.23	10.35	18.92	83.84	86.68	04-Mar-12 12:00:00	0.23	16.22	18.92	83.89	89.33
04-Mar-12 13:00:00	04-Mar-12 14:00:00	0.00	13.39	0.00	0.00	8.13	2.1	329.7	0.00	4.41	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	04-Mar-12 13:00:00	0.23	14.76	18.92	83.84	89.36
04-Mar-12 14:00:00	04-Mar-12 15:00:00	0.00	11.43	0.00	3.01	8.21	2.1	329.7	0.00	3.77	0.00	0.99	2.71	0.23	10.35	18.92	83.84	86.68	04-Mar-12 14:00:00	0.23	14.12	18.92	84.83	89.39
04-Mar-12 15:00:00	04-Mar-12 16:00:00	0.00	10.04	0.00	1.78	8.27	2.1	329.7	0.00	3.31	0.00	0.59	2.73	0.23	10.35	18.92	83.84	86.68	04-Mar-12 15:00:00	0.23	13.66	18.92	84.43	89.41
04-Mar-12 16:00:00	04-Mar-12 17:00:00	0.00	10.64	0.00	1.25	8.33	2.1	329.7	0.00	3.51	0.00	0.41	2.75	0.23	10.35	18.92	83.84	86.68	04-Mar-12 16:00:00	0.23	13.86	18.92	84.25	89.43
04-Mar-12 17:00:00	04-Mar-12 18:00:00	0.00	10.03	0.00	1.26	8.40	2.1	329.7	0.00	3.31	0.00	0.42	2.77	0.23	10.35	18.92	83.84	86.68	04-Mar-12 17:00:00	0.23	13.66	18.92	84.26	89.45
04-Mar-12 18:00:00	04-Mar-12 19:00:00	0.00	10.15	0.00	2.19	8.48	2.1	329.7	0.00	3.35	0.00	0.72	2.80	0.23	10.35	18.92	83.84	86.68	04-Mar-12 18:00:00	0.23	13.70	18.92	84.56	89.48
04-Mar-12 19:00:00	04-Mar-12 20:00:00	0.00	11.70	0.00	0.63	8.54	2.1	329.7	0.00	3.86	0.00	0.21	2.82	0.23	10.35	18.92	83.84	86.68	04-Mar-12 19:00:00	0.23	14.21	18.92	84.05	89.50
04-Mar-12 20:00:00	04-Mar-12 21:00:00	0.00	20.34	0.00	0.19	8.57	2.1	329.7	0.00	6.71	0.00	0.06	2.83	0.23	10.35	18.92	83.84	86.68	04-Mar-12 20:00:00	0.23	17.06	18.92	83.90	89.51
04-Mar-12 21:00:00	04-Mar-12 22:00:00	0.00	12.28	0.00	0.00	8.59	2.1	329.7	0.00	4.05	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	04-Mar-12 21:00:00	0.23	14.40	18.92	83.84	89.51
04-Mar-12 22:00:00	04-Mar-12 23:00:00	0.00	11.51	0.00	0.08	8.65	2.1	329.7	0.00	3.79	0.00	0.02	2.85	0.23	10.35	18.92	83.84	86.68	04-Mar-12 22:00:00	0.23	14.14	18.92	83.86	89.53
04-Mar-12 23:00:00	05-Mar-12 00:00:00	0.00	17.22	0.00	0.00	8.78	2.1	329.7	0.00	5.68	0.00	0.00	2.90	0.23	10.35	18.92	83.84	86.68	04-Mar-12 23:00:00	0.23	16.03	18.92	83.84	89.58
05-Mar-12 00:00:00	05-Mar-12 01:00:00	0.00	20.99	0.00	0.08	8.91	2.1	329.7	0.00	6.92	0.00	0.03	2.94	0.23	10.35	18.92	83.84	86.68	05-Mar-12 00:00:00	0.23	17.27	18.92	83.87	89.62
05-Mar-12 01:00:00	05-Mar-12 02:00:00	0.00	16.14	0.00	0.09	9.03	2.1	329.7	0.00	5.32	0.00	0.03	2.98	0.23	10.35	18.92	83.84	86.68	05-Mar-12 01:00:00	0.23	15.67	18.92	83.87	89.66
05-Mar-12 02:00:00	05-Mar-12 03:00:00	0.00	17.38	0.00	0.09	9.14	2.1	329.7	0.00	5.73	0.00	0.03	3.01	0.23	10.35	18.92	83.84	86.68	05-Mar-12 02:00:00	0.23	16.08	18.92	83.87	89.69
05-Mar-12 03:00:00	05-Mar-12 04:00:00	0.00	15.22	0.00	0.00	9.04	2.1	329.7	0.00	5.02	0.00	0.00	2.98	0.23	10.35	18.92	83.84	86.68	05-Mar-12 03:00:00	0.23	15.37	18.92	83.84	89.66
05-Mar-12 04:00:00	05-Mar-12 05:00:00	0.00	15.97	0.00	0.00	8.90	2.1	329.7	0.00	5.26	0.00	0.00	2.93	0.23	10.35	18.92	83.84	86.68	05-Mar-12 04:00:00	0.23	15.61	18.92	83.84	89.61
05-Mar-12 05:00:00	05-Mar-12 06:00:00	0.00	17.16	0.00	0.00	8.76	2.1	329.7	0.00	5.66	0.00	0.00	2.89	0.23	10.35	18.92	83.84	86.68	05-Mar-12 05:00:00	0.23	16.01	18.92	83.84	89.57
05-Mar-12 06:00:00	05-Mar-12 07:00:00	0.00	14.44	0.00	0.00	8.61	2.1	329.7	0.00	4.76	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	05-Mar-12 06:00:00	0.23	15.11	18.92	83.84	89.52
05-Mar-12 07:00:00	05-Mar-12 08:00:00	0.00	7.67	0.00	0.00	8.44	2.1	329.7	0.00	2.53	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	05-Mar-12 07:00:00	0.23	12.88	18.92	83.84	89.46
05-Mar-12 08:00:00	05-Mar-12 09:00:00	0.00	4.06	0.00	0.07	8.26	2.1	329.7	0.00	1.34	0.00	0.02	2.72	0.23	10.35	18.92	83.84	86.68	05-Mar-12 08:00:00	0.23	11.69	18.92	83.86	89.40
05-Mar-12 09:00:00	05-Mar-12 10:00:00	0.00	0.47	0.00	0.00	8.08	2.1	329.7	0.00	0.16	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	05-Mar-12 09:00:00	0.23	10.51	18.92	83.84	89.34
05-Mar-12 10:00:00	05-Mar-12 11:00:00	0.00	1.22	0.00	0.00	7.96	2.1	329.7	0.00	0.40	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	05-Mar-12 10:00:00	0.23	10.75	18.92	83.84	89.31
05-Mar-12 11:00:00	05-Mar-12 12:00:00	0.00	0.88	0.00	0.00	7.89	2.1	329.7	0.00	0.29	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	05-Mar-12 11:00:00	0.23	10.64	18.92	83.84	89.28
05-Mar-12 12:00:00	05-Mar-12 13:00:00	0.00	0.32	0.00	0.13	7.76	2.1	329.7	0.00	0.11	0.00	0.04	2.56	0.23	10.35	18.92	83.84	86.68	05-Mar-12 12:00:00	0.23	10.48	18.92	83.88	89.24
05-Mar-12 13:00:00	05-Mar-12 14:00:00	0.00	8.90	0.00	0.07	7.64	2.1	329.7	0.00	2.93	0.00	0.02	2.52	0.23	10.35	18.92	83.84	86.68	05-Mar-12 13:00:00	0.23	13.28	18.92	83.86	89.20
05-Mar-12 14:00:00	05-Mar-12 15:00:00	0.00	8.19	0.00	0.18	7.51	2.1	329.7	0.00	2.70	0.00	0.06	2.47	0.23	10.35	18.92	83.84	86.68	05-Mar-12 14:00:00	0.23	13.05	18.92	83.90	89.15
05-Mar-12 15:00:00	05-Mar-12 16:00:00	0.00	6.26	0.00	0.24	7.47	2.1	329.7	0.00	2.06	0.00	0.08	2.46	0.23	10.35	18.92	83.84	86.68	05-Mar-12 15:00:00	0.23	12.41	18.92	83.92	89.14
05-Mar-12 16:00:00	05-Mar-12 17:00:00	0.00	5.73	0.00	0.00	7.47	2.1	329.7	0.00	1.89	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	05-Mar-12 16:00:00	0.23	12.24	18.92	83.84	89.14
05-Mar-12 17:00:00	05-Mar-12 18:00:00	0.00	4.57	0.00	0.00	7.47	2.1	329.7	0.00	1.51	0.00	0.00	2.46	0.23	10.35									

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2				
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
07-Mar-12 00:00:00	07-Mar-12 01:00:00	0.00	1.06	0.00	0.31	8.01	2.1	329.7	0.00	0.35	0.00	0.10	2.64	0.23	10.35	18.92	83.84	86.68	07-Mar-12 00:00:00	0.23	10.70	18.92	83.94	89.32					
07-Mar-12 01:00:00	07-Mar-12 02:00:00	0.00	0.25	0.00	0.00	8.18	2.1	329.7	0.00	0.08	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	07-Mar-12 01:00:00	0.23	10.43	18.92	83.84	89.38					
07-Mar-12 02:00:00	07-Mar-12 03:00:00	0.00	0.46	0.00	0.98	8.16	2.1	329.7	0.00	0.15	0.00	0.23	2.69	0.23	10.35	18.92	83.84	86.68	07-Mar-12 02:00:00	0.23	10.50	18.92	84.16	89.37					
07-Mar-12 03:00:00	07-Mar-12 04:00:00	0.00	2.77	0.00	0.70	8.13	2.1	329.7	0.00	0.91	0.00	0.32	2.68	0.23	10.35	18.92	83.84	86.68	07-Mar-12 03:00:00	0.23	11.26	18.92	84.07	89.36					
07-Mar-12 04:00:00	07-Mar-12 05:00:00	0.00	1.98	0.00	0.00	8.10	2.1	329.7	0.00	0.65	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	07-Mar-12 04:00:00	0.23	11.00	18.92	83.84	89.35					
07-Mar-12 05:00:00	07-Mar-12 06:00:00	0.00	1.53	0.00	0.24	8.04	2.1	329.7	0.00	0.51	0.00	0.08	2.65	0.23	10.35	18.92	83.84	86.68	07-Mar-12 05:00:00	0.23	10.86	18.92	83.92	89.33					
07-Mar-12 06:00:00	07-Mar-12 07:00:00	0.00	2.53	0.00	0.47	7.94	2.1	329.7	0.00	0.84	0.00	0.15	2.62	0.23	10.35	18.92	83.84	86.68	07-Mar-12 06:00:00	0.23	11.19	18.92	83.99	89.30					
07-Mar-12 07:00:00	07-Mar-12 08:00:00	0.00	5.36	0.00	0.00	7.83	2.1	329.7	0.00	1.77	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	07-Mar-12 07:00:00	0.23	12.12	18.92	83.84	89.26					
07-Mar-12 08:00:00	07-Mar-12 09:00:00	0.00	5.08	0.00	0.00	7.73	2.1	329.7	0.00	1.67	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	07-Mar-12 08:00:00	0.23	12.02	18.92	83.84	89.23					
07-Mar-12 09:00:00	07-Mar-12 10:00:00	0.00	1.74	0.00	0.00	7.55	2.1	329.7	0.00	0.57	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	07-Mar-12 09:00:00	0.23	10.92	18.92	83.84	89.17					
07-Mar-12 10:00:00	07-Mar-12 11:00:00	0.00	0.56	0.00	0.21	7.09	2.1	329.7	0.00	0.19	0.00	0.07	2.34	0.23	10.35	18.92	83.84	86.68	07-Mar-12 10:00:00	0.23	10.54	18.92	83.91	89.02					
07-Mar-12 11:00:00	07-Mar-12 12:00:00	0.00	0.65	0.00	1.86	6.62	2.1	329.7	0.00	1.99	0.00	0.61	2.18	0.23	10.35	18.92	83.84	86.68	07-Mar-12 11:00:00	0.23	12.34	18.92	84.45	88.86					
07-Mar-12 12:00:00	07-Mar-12 13:00:00	0.00	3.55	0.00	0.00	6.14	2.1	329.7	0.00	1.17	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	07-Mar-12 12:00:00	0.23	11.52	18.92	83.84	88.70					
07-Mar-12 13:00:00	07-Mar-12 14:00:00	0.00	2.81	0.00	0.36	5.78	2.1	329.7	0.00	0.93	0.00	0.12	1.91	0.23	10.35	18.92	83.84	86.68	07-Mar-12 13:00:00	0.23	11.28	18.92	83.96	88.59					
07-Mar-12 14:00:00	07-Mar-12 15:00:00	0.00	3.80	0.00	0.31	5.73	2.1	329.7	0.00	1.25	0.00	0.10	1.89	0.23	10.35	18.92	83.84	86.68	07-Mar-12 14:00:00	0.23	11.60	18.92	83.94	88.57					
07-Mar-12 15:00:00	07-Mar-12 16:00:00	0.00	1.92	0.00	0.00	5.69	2.1	329.7	0.00	0.63	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	07-Mar-12 15:00:00	0.23	10.98	18.92	83.84	88.56					
07-Mar-12 16:00:00	07-Mar-12 17:00:00	0.00	8.41	0.00	0.00	5.66	2.1	329.7	0.00	2.77	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	07-Mar-12 16:00:00	0.23	13.12	18.92	83.84	88.54					
07-Mar-12 17:00:00	07-Mar-12 18:00:00	0.00	6.67	0.00	0.00	5.81	2.1	329.7	0.00	2.20	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	07-Mar-12 17:00:00	0.23	12.55	18.92	83.84	88.59					
07-Mar-12 18:00:00	07-Mar-12 19:00:00	0.00	5.98	0.00	0.00	6.10	2.1	329.7	0.00	1.97	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	07-Mar-12 18:00:00	0.23	12.32	18.92	83.84	88.69					
07-Mar-12 19:00:00	07-Mar-12 20:00:00	0.00	3.88	0.00	0.00	6.37	2.1	329.7	0.00	1.28	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	07-Mar-12 19:00:00	0.23	11.63	18.92	83.84	88.78					
07-Mar-12 20:00:00	07-Mar-12 21:00:00	0.00	4.99	0.00	0.00	6.65	2.1	329.7	0.00	1.64	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	07-Mar-12 20:00:00	0.23	11.99	18.92	83.84	88.87					
07-Mar-12 21:00:00	07-Mar-12 22:00:00	0.00	3.23	0.00	0.00	6.86	2.1	329.7	0.00	1.06	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	07-Mar-12 21:00:00	0.23	11.41	18.92	83.84	88.94					
07-Mar-12 22:00:00	07-Mar-12 23:00:00	0.00	2.83	0.00	0.00	7.03	2.1	329.7	0.00	0.93	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	07-Mar-12 22:00:00	0.23	11.28	18.92	83.84	89.00					
07-Mar-12 23:00:00	08-Mar-12 00:00:00	0.00	1.58	0.00	0.00	7.19	2.1	329.7	0.00	0.52	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	07-Mar-12 23:00:00	0.23	10.87	18.92	83.84	89.05					
08-Mar-12 00:00:00	08-Mar-12 01:00:00	0.00	5.03	0.00	0.00	7.36	2.1	329.7	0.00	1.66	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	08-Mar-12 00:00:00	0.23	12.01	18.92	83.84	89.11					
08-Mar-12 01:00:00	08-Mar-12 02:00:00	0.00	0.33	0.00	0.00	7.47	2.1	329.7	0.00	1.11	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	08-Mar-12 01:00:00	0.23	10.46	18.92	83.84	89.14					
08-Mar-12 02:00:00	08-Mar-12 03:00:00	0.00	0.74	0.00	0.00	7.47	2.1	329.7	0.00	0.24	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	08-Mar-12 02:00:00	0.23	10.59	18.92	83.84	89.14					
08-Mar-12 03:00:00	08-Mar-12 04:00:00	0.00	0.76	0.00	0.08	7.47	2.1	329.7	0.00	0.25	0.00	0.03	2.46	0.23	10.35	18.92	83.84	86.68	08-Mar-12 03:00:00	0.23	10.60	18.92	83.87	89.14					
08-Mar-12 04:00:00	08-Mar-12 05:00:00	0.00	0.34	0.00	0.00	7.47	2.1	329.7	0.00	0.11	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	08-Mar-12 04:00:00	0.23	10.46	18.92	83.84	89.14					
08-Mar-12 05:00:00	08-Mar-12 06:00:00	0.00	3.87	0.00	0.00	7.40	2.1	329.7	0.00	1.28	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	08-Mar-12 05:00:00	0.23	11.63	18.92	83.84	89.12					
08-Mar-12 06:00:00	08-Mar-12 07:00:00	89.93	8.07	0.00	0.00	7.40	2.1	329.7	29.65	2.66	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	08-Mar-12 06:00:00	29.88	13.01	18.92	83.84	89.12					
08-Mar-12 07:00:00	08-Mar-12 08:00:00	1,450.65	4.63	0.00	0.00	7.43	2.1	329.7	478.28	1.53	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	08-Mar-12 07:00:00	478.51	11.88	18.92	83.84	89.13					
08-Mar-12 08:00:00	08-Mar-12 09:00:00	1,909.87	4.34	0.00	0.06	7.45	2.1	329.7	629.68	1.43	0.00	0.02	2.46	0.23	10.35	18.92	83.84	86.68	08-Mar-12 08:00:00	629.91	11.78	18.92	83.86	89.14					
08-Mar-12 09:00:00	08-Mar-12 10:00:00	1,910.38	4.41	0.00	0.00	7.45	2.1	329.7	629.85	1.45	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	08-Mar-12 09:00:00	630.08	11.80	18.92	83.84	89.14					
08-Mar-12 10:00:00	08-Mar-12 11:00:00	2,062.20	1.00	0.00	0.00	7.10	2.1	329.7	679.91	0.33	0.00	0.00	2.34	0.23</															

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
10-Mar-12 00:00:00	10-Mar-12 01:00:00	0.00	5.78	0.00	0.00	8.08	2.1	329.7	0.00	1.91	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	10-Mar-12 00:00:00	0.23	12.26	18.92	83.84	89.35					
10-Mar-12 01:00:00	10-Mar-12 02:00:00	0.00	3.58	0.00	0.09	8.14	2.1	329.7	0.00	1.18	0.00	0.03	2.68	0.23	10.35	18.92	83.84	86.68	10-Mar-12 01:00:00	0.23	11.53	18.92	83.87	89.36					
10-Mar-12 02:00:00	10-Mar-12 03:00:00	0.00	10.30	0.00	0.06	8.17	2.1	329.7	0.00	3.40	0.00	0.02	2.69	0.23	10.35	18.92	83.84	86.68	10-Mar-12 02:00:00	0.23	13.75	18.92	83.86	89.37					
10-Mar-12 03:00:00	10-Mar-12 04:00:00	0.00	9.36	0.00	0.07	8.20	2.1	329.7	0.00	3.09	0.00	0.02	2.70	0.23	10.35	18.92	83.84	86.68	10-Mar-12 03:00:00	0.23	13.44	18.92	83.86	89.38					
10-Mar-12 04:00:00	10-Mar-12 05:00:00	0.00	14.04	0.00	0.00	8.23	2.1	329.7	0.00	4.63	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	10-Mar-12 04:00:00	0.23	14.98	18.92	83.84	89.39					
10-Mar-12 05:00:00	10-Mar-12 06:00:00	0.00	16.39	0.00	0.00	8.14	2.1	329.7	0.00	5.40	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	10-Mar-12 05:00:00	0.23	15.75	18.92	83.84	89.36					
10-Mar-12 06:00:00	10-Mar-12 07:00:00	0.00	12.52	0.00	0.00	8.23	2.1	329.7	0.00	4.13	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	10-Mar-12 06:00:00	0.23	14.48	18.92	83.84	89.39					
10-Mar-12 07:00:00	10-Mar-12 08:00:00	0.00	7.34	0.00	0.00	8.36	2.1	329.7	0.00	2.42	0.00	0.00	2.76	0.23	10.35	18.92	83.84	86.68	10-Mar-12 07:00:00	0.23	12.77	18.92	83.84	89.44					
10-Mar-12 08:00:00	10-Mar-12 09:00:00	0.00	4.04	0.00	0.08	8.49	2.1	329.7	0.00	1.33	0.00	0.03	2.80	0.23	10.35	18.92	83.84	86.68	10-Mar-12 08:00:00	0.23	11.68	18.92	83.87	89.48					
10-Mar-12 09:00:00	10-Mar-12 10:00:00	0.00	4.53	0.00	0.00	8.50	2.1	329.7	0.00	1.50	0.00	0.00	2.80	0.23	10.35	18.92	83.84	86.68	10-Mar-12 09:00:00	0.23	11.85	18.92	83.84	89.48					
10-Mar-12 10:00:00	10-Mar-12 11:00:00	0.00	6.11	0.00	0.00	8.16	2.1	329.7	0.00	2.01	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	10-Mar-12 10:00:00	0.23	12.36	18.92	83.84	89.37					
10-Mar-12 11:00:00	10-Mar-12 12:00:00	0.00	8.76	0.00	0.00	7.80	2.1	329.7	0.00	2.89	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	10-Mar-12 11:00:00	0.23	13.24	18.92	83.84	89.25					
10-Mar-12 12:00:00	10-Mar-12 13:00:00	0.00	7.10	0.00	0.00	7.44	2.1	329.7	0.00	2.34	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	10-Mar-12 12:00:00	0.23	12.69	18.92	83.84	89.13					
10-Mar-12 13:00:00	10-Mar-12 14:00:00	0.00	8.21	0.00	0.00	7.09	2.1	329.7	0.00	2.71	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	10-Mar-12 13:00:00	0.23	13.06	18.92	83.84	89.02					
10-Mar-12 14:00:00	10-Mar-12 15:00:00	0.00	7.75	0.00	0.00	7.05	2.1	329.7	0.00	2.55	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	10-Mar-12 14:00:00	0.23	12.90	18.92	83.84	89.00					
10-Mar-12 15:00:00	10-Mar-12 16:00:00	0.00	1.82	0.00	0.00	7.04	2.1	329.7	0.00	0.60	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	10-Mar-12 15:00:00	0.23	10.95	18.92	83.84	89.00					
10-Mar-12 16:00:00	10-Mar-12 17:00:00	0.00	3.35	0.00	0.00	7.04	2.1	329.7	0.00	1.10	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	10-Mar-12 16:00:00	0.23	11.45	18.92	83.84	89.00					
10-Mar-12 17:00:00	10-Mar-12 18:00:00	0.00	2.58	0.00	0.00	7.00	2.1	329.7	0.00	0.85	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	10-Mar-12 17:00:00	0.23	11.20	18.92	83.84	88.99					
10-Mar-12 18:00:00	10-Mar-12 19:00:00	0.00	0.95	0.00	0.00	7.15	2.1	329.7	0.00	0.31	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	10-Mar-12 18:00:00	0.23	10.66	18.92	83.84	89.04					
10-Mar-12 19:00:00	10-Mar-12 20:00:00	0.00	0.65	0.00	0.00	7.32	2.1	329.7	0.00	0.21	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	10-Mar-12 19:00:00	0.23	10.56	18.92	83.84	89.09					
10-Mar-12 20:00:00	10-Mar-12 21:00:00	0.00	0.35	0.00	0.00	7.49	2.1	329.7	0.00	0.12	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	10-Mar-12 20:00:00	0.23	10.47	18.92	83.84	89.15					
10-Mar-12 21:00:00	10-Mar-12 22:00:00	0.00	0.23	0.00	0.00	7.61	2.1	329.7	0.00	0.07	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	10-Mar-12 21:00:00	0.23	10.42	18.92	83.84	89.19					
10-Mar-12 22:00:00	10-Mar-12 23:00:00	0.00	1.09	0.00	0.00	7.75	2.1	329.7	0.00	0.36	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	10-Mar-12 22:00:00	0.23	10.71	18.92	83.84	89.23					
10-Mar-12 23:00:00	11-Mar-12 00:00:00	0.00	2.19	0.00	0.00	7.90	2.1	329.7	0.00	0.72	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	10-Mar-12 23:00:00	0.23	11.07	18.92	83.84	89.28					
11-Mar-12 00:00:00	11-Mar-12 01:00:00	0.00	6.35	0.00	0.00	8.05	2.1	329.7	0.00	2.09	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	11-Mar-12 00:00:00	0.23	12.44	18.92	83.84	89.33					
11-Mar-12 01:00:00	11-Mar-12 02:00:00	0.00	2.20	0.00	0.07	8.27	2.1	329.7	0.00	0.72	0.00	0.02	2.73	0.23	10.35	18.92	83.84	86.68	11-Mar-12 01:00:00	0.23	11.07	18.92	83.86	89.41					
11-Mar-12 02:00:00	11-Mar-12 03:00:00	0.00	3.77	0.00	0.00	8.42	2.1	329.7	0.00	1.24	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	11-Mar-12 02:00:00	0.23	11.59	18.92	83.84	89.46					
11-Mar-12 03:00:00	11-Mar-12 04:00:00	0.00	2.43	0.00	0.00	8.55	2.1	329.7	0.00	0.80	0.00	0.00	2.82	0.23	10.35	18.92	83.84	86.68	11-Mar-12 03:00:00	0.23	11.15	18.92	83.84	89.50					
11-Mar-12 04:00:00	11-Mar-12 05:00:00	0.00	4.73	0.00	0.00	8.62	2.1	329.7	0.00	1.56	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	11-Mar-12 04:00:00	0.23	11.91	18.92	83.84	89.52					
11-Mar-12 05:00:00	11-Mar-12 06:00:00	0.00	4.08	0.00	0.00	8.65	2.1	329.7	0.00	1.35	0.00	0.00	2.85	0.23	10.35	18.92	83.84	86.68	11-Mar-12 05:00:00	0.23	11.70	18.92	83.84	89.53					
11-Mar-12 06:00:00	11-Mar-12 07:00:00	0.00	6.08	0.00	0.00	8.69	2.1	329.7	0.00	2.01	0.00	0.00	2.86	0.23	10.35	18.92	83.84	86.68	11-Mar-12 06:00:00	0.23	12.36	18.92	83.84	89.54					
11-Mar-12 07:00:00	11-Mar-12 08:00:00	0.00	7.03	0.00	0.07	8.72	2.1	329.7	0.00	2.32	0.00	0.02	2.88	0.23	10.35	18.92	83.84	86.68	11-Mar-12 07:00:00	0.23	12.67	18.92	83.86	89.56					
11-Mar-12 08:00:00	11-Mar-12 09:00:00	0.00	4.46	0.00	0.00	8.50	2.1	329.7	0.00	1.47	0.00	0.00	2.80	0.23	10.35	18.92	83.84	86.68	11-Mar-12 08:00:00	0.23	11.82	18.92	83.84	89.48					
11-Mar-12 09:00:00	11-Mar-12 10:00:00	0.00	2.11	0.00	0.00	7.88	2.1	329.7	0.00	0.70	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	11-Mar-12 09:00:00	0.23	11.05	18.92	83.84	89.28					
11-Mar-12 10:00:00	11-Mar-12 11:00:00	0.00	2.14	0.00	0.26	7.27	2.1	329.7	0.00	0.70	0.00	0.09	2.40	0.23	10.35	18.92	83.84	86.68	11-Mar-12 10:00:00	0.23	11.05	18.92	83.93	89.08					
11-Mar-12 11:00:00	11-Mar-12 12:00:00	0.00	1.76	0.00	0.00	6.65	2.1	329.7	0.00	0.58	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	11-Mar-12 11:00:00	0.23	10.93	18.92	83.84	88.87					
11-Mar-12 12:00:00	11-Mar-12 13:00:00	0.00	2.99	0.00	0.00	6.27	2.1	329.7	0.00	0.99	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	11-Mar-12 12:00:00	0.23	11.34	18.92	83.84	88.75					
11-Mar-12 13:00:00	11-Mar-12 14:00:00	0.00	1.41	0.00	0.00	6.27	2.1	329.7	0.00	0.47	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	11-Mar-12 13:00:00	0.23	10.82	18.92	83.84	88.75					
11-Mar-12 14:00:00	11-Mar-12 15:00:00	0.00	2.47	0.00	0.00	6.26	2.1	329.7	0.00	0.81	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	11-Mar-12 14:00:00	0.23	11.16	18.92	83.84	88.74					
11-Mar-12 15:00:00	11-Mar-12 16:00:00	0.00	1.42	0.00	0.00	6.26	2.1	329.7	0.00	0.47	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	11-Mar-12 15:00:00	0.23	10.82	18.92	83.84	88.74					
11-Mar-12 16:00:00	11-Mar-12 17:00:00	0.00	0.95	0.00	0.00	6.22	2.1	329.7	0.00	0.31	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	11-Mar-12 16:00:00	0.23	10.66	18.92	83.84	88.73					
11-Mar-12 17:00:00	11-Mar-12 18:00:00	0.00</																											

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
13-Mar-12 01:00:00	13-Mar-12 02:00:00	0.00	6.33	0.00	0.00	6.51	2.1	329.7	0.00	2.09	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	13-Mar-12 01:00:00	0.23	12.44	18.92	83.84	88.83
13-Mar-12 02:00:00	13-Mar-12 03:00:00	0.00	6.51	0.00	0.00	6.60	2.1	329.7	0.00	2.15	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	13-Mar-12 02:00:00	0.23	12.50	18.92	83.84	88.86
13-Mar-12 03:00:00	13-Mar-12 04:00:00	0.00	1.23	0.00	0.00	6.79	2.1	329.7	0.00	0.41	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	13-Mar-12 03:00:00	0.23	10.76	18.92	83.84	88.92
13-Mar-12 04:00:00	13-Mar-12 05:00:00	0.00	2.10	0.00	0.00	6.89	2.1	329.7	0.00	0.69	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	13-Mar-12 04:00:00	0.23	11.04	18.92	83.84	88.95
13-Mar-12 05:00:00	13-Mar-12 06:00:00	0.00	0.30	0.00	0.00	6.90	2.1	329.7	0.00	0.10	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	13-Mar-12 05:00:00	0.23	10.45	18.92	83.84	88.95
13-Mar-12 06:00:00	13-Mar-12 07:00:00	0.00	0.95	0.00	0.21	6.90	2.1	329.7	0.00	0.31	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	13-Mar-12 06:00:00	0.23	10.66	18.92	83.91	88.96
13-Mar-12 07:00:00	13-Mar-12 08:00:00	0.00	1.20	0.00	0.00	6.91	2.1	329.7	0.00	0.39	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	13-Mar-12 07:00:00	0.23	10.74	18.92	83.84	88.96
13-Mar-12 08:00:00	13-Mar-12 09:00:00	0.00	1.09	0.00	0.21	6.92	2.1	329.7	0.00	0.36	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	13-Mar-12 08:00:00	0.23	10.71	18.92	83.91	88.96
13-Mar-12 09:00:00	13-Mar-12 10:00:00	0.00	0.34	0.00	0.00	6.94	2.1	329.7	0.00	0.11	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	13-Mar-12 09:00:00	0.23	10.46	18.92	83.84	88.97
13-Mar-12 10:00:00	13-Mar-12 11:00:00	0.00	2.12	0.00	0.00	6.95	2.1	329.7	0.00	0.70	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	13-Mar-12 10:00:00	0.23	11.05	18.92	83.84	88.97
13-Mar-12 11:00:00	13-Mar-12 12:00:00	0.00	0.39	0.00	0.00	6.93	2.1	329.7	0.00	0.13	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	13-Mar-12 11:00:00	0.23	10.48	18.92	83.84	88.97
13-Mar-12 12:00:00	13-Mar-12 13:00:00	0.00	1.15	0.00	0.00	6.74	2.1	329.7	0.00	0.38	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	13-Mar-12 12:00:00	0.23	10.73	18.92	83.84	88.90
13-Mar-12 13:00:00	13-Mar-12 14:00:00	0.00	1.64	0.00	0.00	6.53	2.1	329.7	0.00	0.54	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	13-Mar-12 13:00:00	0.23	10.89	18.92	83.84	88.83
13-Mar-12 14:00:00	13-Mar-12 15:00:00	0.00	0.57	0.00	0.07	6.32	2.1	329.7	0.00	0.19	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	13-Mar-12 14:00:00	0.23	10.54	18.92	83.86	88.76
13-Mar-12 15:00:00	13-Mar-12 16:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	13-Mar-12 15:00:00	0.23	10.35	18.92	83.84	88.72
13-Mar-12 16:00:00	13-Mar-12 17:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	13-Mar-12 16:00:00	0.23	10.35	18.92	83.84	88.70
13-Mar-12 17:00:00	13-Mar-12 18:00:00	0.00	0.00	0.00	0.07	5.99	2.1	329.7	0.00	0.00	0.00	0.02	1.98	0.23	10.35	18.92	83.84	86.68	13-Mar-12 17:00:00	0.23	10.35	18.92	83.86	88.66
13-Mar-12 18:00:00	13-Mar-12 19:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	13-Mar-12 18:00:00	0.23	10.35	18.92	83.84	88.61
13-Mar-12 19:00:00	13-Mar-12 20:00:00	0.00	0.00	0.00	0.61	5.80	2.1	329.7	0.00	0.00	0.00	0.20	1.91	0.23	10.35	18.92	83.84	86.68	13-Mar-12 19:00:00	0.23	10.35	18.92	84.04	88.59
13-Mar-12 20:00:00	13-Mar-12 21:00:00	0.00	0.00	0.00	0.10	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	13-Mar-12 20:00:00	0.23	10.35	18.92	83.87	88.66
13-Mar-12 21:00:00	13-Mar-12 22:00:00	0.00	0.08	0.00	0.09	6.27	2.1	329.7	0.00	0.03	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	13-Mar-12 21:00:00	0.23	10.38	18.92	83.87	88.75
13-Mar-12 22:00:00	13-Mar-12 23:00:00	0.00	2.71	0.00	0.27	6.53	2.1	329.7	0.00	0.89	0.00	0.09	2.15	0.23	10.35	18.92	83.84	86.68	13-Mar-12 22:00:00	0.23	11.24	18.92	83.93	88.83
13-Mar-12 23:00:00	14-Mar-12 00:00:00	0.00	3.60	0.00	0.00	6.66	2.1	329.7	0.00	1.19	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	13-Mar-12 23:00:00	0.23	11.54	18.92	83.84	88.88
14-Mar-12 00:00:00	14-Mar-12 01:00:00	0.00	4.70	0.00	0.00	6.70	2.1	329.7	0.00	1.55	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	14-Mar-12 00:00:00	0.23	11.90	18.92	83.84	88.89
14-Mar-12 01:00:00	14-Mar-12 02:00:00	0.00	4.04	0.00	1.39	6.79	2.1	329.7	0.00	1.33	0.00	0.46	2.24	0.23	10.35	18.92	83.84	86.68	14-Mar-12 01:00:00	0.23	11.68	18.92	84.30	88.92
14-Mar-12 02:00:00	14-Mar-12 03:00:00	0.00	3.85	0.00	0.74	6.87	2.1	329.7	0.00	1.27	0.00	0.24	2.27	0.23	10.35	18.92	83.84	86.68	14-Mar-12 02:00:00	0.23	11.62	18.92	84.08	88.95
14-Mar-12 03:00:00	14-Mar-12 04:00:00	0.00	2.88	0.00	0.29	7.05	2.1	329.7	0.00	0.95	0.00	0.10	2.32	0.23	10.35	18.92	83.84	86.68	14-Mar-12 03:00:00	0.23	11.30	18.92	83.94	89.00
14-Mar-12 04:00:00	14-Mar-12 05:00:00	0.00	0.50	0.00	0.09	7.17	2.1	329.7	0.00	0.16	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	14-Mar-12 04:00:00	0.23	10.51	18.92	83.87	89.05
14-Mar-12 05:00:00	14-Mar-12 06:00:00	0.00	0.05	0.00	0.00	7.23	2.1	329.7	0.00	0.02	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	14-Mar-12 05:00:00	0.23	10.37	18.92	83.84	89.06
14-Mar-12 06:00:00	14-Mar-12 07:00:00	0.00	0.36	0.00	0.00	7.29	2.1	329.7	0.00	0.12	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	14-Mar-12 06:00:00	0.23	10.47	18.92	83.84	89.08
14-Mar-12 07:00:00	14-Mar-12 08:00:00	0.00	2.38	0.00	0.17	7.33	2.1	329.7	0.00	0.79	0.00	0.06	2.42	0.23	10.35	18.92	83.84	86.68	14-Mar-12 07:00:00	0.23	11.14	18.92	83.90	89.10
14-Mar-12 08:00:00	14-Mar-12 09:00:00	0.00	1.08	0.00	0.00	7.14	2.1	329.7	0.00	0.36	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	14-Mar-12 08:00:00	0.23	10.71	18.92	83.84	89.03
14-Mar-12 09:00:00	14-Mar-12 10:00:00	0.00	0.93	0.00	0.00	6.90	2.1	329.7	0.00	0.31	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	14-Mar-12 09:00:00	0.23	10.66	18.92	83.84	88.95
14-Mar-12 10:00:00	14-Mar-12 11:00:00	0.00	0.36	0.00	0.00	6.65	2.1	329.7	0.00	0.12	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	14-Mar-12 10:00:00	0.23	10.47	18.92	83.84	88.87
14-Mar-12 11:00:00	14-Mar-12 12:00:00	0.00	1.21	0.00	0.00	6.40	2.1	329.7	0.00	0.40	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	14-Mar-12 11:00:00	0.23	10.75	18.92	83.84	88.79
14-Mar-12 12:00:00	14-Mar-12 13:00:00	0.00	1.16	0.00	0.00	6.16	2.1	329.7	0.00	0.38	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	14-Mar-12 12:00:00	0.23	10.73	18.92	83.84	88.71
14-Mar-12 13:00:00	14-Mar-12 14:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	14-Mar-12 13:00:00	0.23	10.35	18.92	83.84	88.64
14-Mar-12 14:00:00	14-Mar-12 15:00:00	0.00	0.06	0.00	0.18	5.70	2.1	329.7	0.00	0.02	0.00	0.06	1.88	0.23	10.35	18.92	83.84	86.68	14-Mar-12 14:00:00	0.23	10.37	18.92	83.90	88.56
14-Mar-12 15:00:00	14-Mar-12 16:00:00	0.00	4.48	0.00	0.89	5.50	2.1	329.7	0.00	1.48	0.00	0.29	1.81	0.23	10.35	18.92	83.84	86.68	14-Mar-12 15:00:00	0.23	11.83	18.92	84.13	88.49
14-Mar-12 16:00:00	14-Mar-12 17:00:00	0.00	5.05	0.00	1.12	5.46	2.1	329.7	0.00	1.67	0.00	0.37	1.80	0.23	10.35	18.92	83.84	86.68	14-Mar-12 16:00:00	0.23	12.02	18.92	84.21	88.48
14-Mar-12 17:00:00	14-Mar-12 18:00:00	0.00	2.95	0.00	0.91	5.44	2.1	329.7	0.00	0.97	0.00	0.30	1.79	0.23	10.35	18.92	83.84	86.68	14-Mar-12 17:00:00	0.23	11.32	18.92	84.14	88.47
14-Mar-12 18:00:00	14-Mar-12 19:00:00	0.00	2.48	0.00	0.57	5.42	2.1	329.7	0.00	0.82	0.00	0.19	1.79	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
16-Mar-12 01:00:00	16-Mar-12 02:00:00	0.00	0.18	0.00	2.05	7.57	2.1	329.7	0.00	0.06	0.00	0.68	2.50	0.23	10.35	18.92	83.84	86.68	16-Mar-12 01:00:00	0.23	10.41	18.92	84.52	89.18
16-Mar-12 02:00:00	16-Mar-12 03:00:00	0.00	0.67	0.00	1.68	7.56	2.1	329.7	0.00	0.22	0.00	0.55	2.49	0.23	10.35	18.92	83.84	86.68	16-Mar-12 02:00:00	0.23	10.57	18.92	84.39	89.17
16-Mar-12 03:00:00	16-Mar-12 04:00:00	0.00	2.74	0.00	1.30	7.59	2.1	329.7	0.00	0.90	0.00	0.43	2.50	0.23	10.35	18.92	83.84	86.68	16-Mar-12 03:00:00	0.23	11.25	18.92	84.27	89.18
16-Mar-12 04:00:00	16-Mar-12 05:00:00	0.00	5.71	0.00	0.93	7.69	2.1	329.7	0.00	1.88	0.00	0.31	2.54	0.23	10.35	18.92	83.84	86.68	16-Mar-12 04:00:00	0.23	12.23	18.92	84.15	89.22
16-Mar-12 05:00:00	16-Mar-12 06:00:00	0.00	10.07	0.00	0.56	7.80	2.1	329.7	0.00	3.32	0.00	0.18	2.57	0.23	10.35	18.92	83.84	86.68	16-Mar-12 05:00:00	0.23	13.67	18.92	84.02	89.25
16-Mar-12 06:00:00	16-Mar-12 07:00:00	0.00	11.12	0.00	0.19	7.91	2.1	329.7	0.00	3.67	0.00	0.06	2.61	0.23	10.35	18.92	83.84	86.68	16-Mar-12 06:00:00	0.23	14.02	18.92	83.90	89.29
16-Mar-12 07:00:00	16-Mar-12 08:00:00	0.00	2.23	0.00	1.35	7.92	2.1	329.7	0.00	0.73	0.00	0.45	2.61	0.23	10.35	18.92	83.84	86.68	16-Mar-12 07:00:00	0.23	11.08	18.92	84.29	89.29
16-Mar-12 08:00:00	16-Mar-12 09:00:00	0.00	0.00	0.00	0.00	7.67	2.1	329.7	0.00	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	16-Mar-12 08:00:00	0.23	10.35	18.92	83.84	89.21
16-Mar-12 09:00:00	16-Mar-12 10:00:00	0.00	0.00	0.00	0.22	7.42	2.1	329.7	0.00	0.00	0.00	0.07	2.44	0.23	10.35	18.92	83.84	86.68	16-Mar-12 09:00:00	0.23	10.35	18.92	83.91	89.12
16-Mar-12 10:00:00	16-Mar-12 11:00:00	0.00	0.00	0.00	0.00	7.16	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	16-Mar-12 10:00:00	0.23	10.35	18.92	83.84	89.04
16-Mar-12 11:00:00	16-Mar-12 12:00:00	0.00	2.35	0.00	0.00	6.94	2.1	329.7	0.00	0.77	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	16-Mar-12 11:00:00	0.23	11.12	18.92	83.84	88.97
16-Mar-12 12:00:00	16-Mar-12 13:00:00	0.00	0.40	0.00	0.12	6.67	2.1	329.7	0.00	0.13	0.00	0.04	2.20	0.23	10.35	18.92	83.84	86.68	16-Mar-12 12:00:00	0.23	10.48	18.92	83.88	88.88
16-Mar-12 13:00:00	16-Mar-12 14:00:00	0.00	0.02	0.00	0.00	6.37	2.1	329.7	0.00	0.01	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	16-Mar-12 13:00:00	0.23	10.36	18.92	83.84	88.78
16-Mar-12 14:00:00	16-Mar-12 15:00:00	0.00	0.15	0.00	0.41	6.07	2.1	329.7	0.00	0.05	0.00	0.14	2.00	0.23	10.35	18.92	83.84	86.68	16-Mar-12 14:00:00	0.23	10.40	18.92	83.98	88.68
16-Mar-12 15:00:00	16-Mar-12 16:00:00	0.00	5.61	0.00	1.88	5.80	2.1	329.7	0.00	1.85	0.00	0.62	1.91	0.23	10.35	18.92	83.84	86.68	16-Mar-12 15:00:00	0.23	12.20	18.92	84.46	88.59
16-Mar-12 16:00:00	16-Mar-12 17:00:00	0.00	2.41	0.00	0.14	5.68	2.1	329.7	0.00	0.79	0.00	0.05	1.87	0.23	10.35	18.92	83.84	86.68	16-Mar-12 16:00:00	0.23	11.14	18.92	83.89	88.55
16-Mar-12 17:00:00	16-Mar-12 18:00:00	0.00	3.92	0.00	0.31	5.58	2.1	329.7	0.00	1.29	0.00	0.10	1.84	0.23	10.35	18.92	83.84	86.68	16-Mar-12 17:00:00	0.23	11.64	18.92	83.94	88.52
16-Mar-12 18:00:00	16-Mar-12 19:00:00	0.00	3.83	0.00	0.16	5.47	2.1	329.7	0.00	1.26	0.00	0.05	1.80	0.23	10.35	18.92	83.84	86.68	16-Mar-12 18:00:00	0.23	11.61	18.92	83.89	88.48
16-Mar-12 19:00:00	16-Mar-12 20:00:00	0.06	3.05	0.00	0.00	5.44	2.1	329.7	0.02	1.01	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	16-Mar-12 19:00:00	0.25	11.36	18.92	83.84	88.47
16-Mar-12 20:00:00	16-Mar-12 21:00:00	0.00	3.43	0.00	0.00	5.78	2.1	329.7	0.00	1.13	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	16-Mar-12 20:00:00	0.23	11.48	18.92	83.84	88.58
16-Mar-12 21:00:00	16-Mar-12 22:00:00	0.00	1.98	0.00	0.00	6.16	2.1	329.7	0.00	0.65	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	16-Mar-12 21:00:00	0.23	11.00	18.92	83.84	88.71
16-Mar-12 22:00:00	16-Mar-12 23:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	16-Mar-12 22:00:00	0.23	10.35	18.92	83.84	88.84
16-Mar-12 23:00:00	17-Mar-12 00:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	16-Mar-12 23:00:00	0.23	10.35	18.92	83.84	88.96
17-Mar-12 00:00:00	17-Mar-12 01:00:00	0.00	0.00	0.00	0.08	7.11	2.1	329.7	0.00	0.00	0.00	0.00	0.03	0.23	10.35	18.92	83.84	86.68	17-Mar-12 00:00:00	0.23	10.35	18.92	83.87	89.02
17-Mar-12 01:00:00	17-Mar-12 02:00:00	0.00	0.00	0.00	0.42	7.23	2.1	329.7	0.00	0.00	0.00	0.14	2.39	0.23	10.35	18.92	83.84	86.68	17-Mar-12 01:00:00	0.23	10.35	18.92	83.98	89.07
17-Mar-12 02:00:00	17-Mar-12 03:00:00	0.00	0.06	0.00	0.00	7.36	2.1	329.7	0.00	0.02	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	17-Mar-12 02:00:00	0.23	10.37	18.92	83.84	89.11
17-Mar-12 03:00:00	17-Mar-12 04:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	17-Mar-12 03:00:00	0.23	10.35	18.92	83.84	89.14
17-Mar-12 04:00:00	17-Mar-12 05:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	17-Mar-12 04:00:00	0.23	10.35	18.92	83.84	89.14
17-Mar-12 05:00:00	17-Mar-12 06:00:00	0.00	0.00	0.00	0.27	7.48	2.1	329.7	0.00	0.00	0.00	0.09	2.46	0.23	10.35	18.92	83.84	86.68	17-Mar-12 05:00:00	0.23	10.35	18.92	83.93	89.14
17-Mar-12 06:00:00	17-Mar-12 07:00:00	0.00	1.19	0.00	0.09	7.48	2.1	329.7	0.00	0.39	0.00	0.03	2.46	0.23	10.35	18.92	83.84	86.68	17-Mar-12 06:00:00	0.23	10.74	18.92	83.87	89.14
17-Mar-12 07:00:00	17-Mar-12 08:00:00	0.00	1.03	0.00	0.00	7.46	2.1	329.7	0.00	0.34	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	17-Mar-12 07:00:00	0.23	10.69	18.92	83.84	89.14
17-Mar-12 08:00:00	17-Mar-12 09:00:00	0.00	0.41	0.00	0.13	7.22	2.1	329.7	0.00	0.14	0.00	0.04	2.38	0.23	10.35	18.92	83.84	86.68	17-Mar-12 08:00:00	0.23	10.49	18.92	83.88	89.06
17-Mar-12 09:00:00	17-Mar-12 10:00:00	0.00	0.15	0.00	0.15	6.93	2.1	329.7	0.00	0.05	0.00	0.05	2.28	0.23	10.35	18.92	83.84	86.68	17-Mar-12 09:00:00	0.23	10.40	18.92	83.89	88.96
17-Mar-12 10:00:00	17-Mar-12 11:00:00	0.00	0.22	0.00	0.00	6.64	2.1	329.7	0.00	0.07	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	17-Mar-12 10:00:00	0.23	10.42	18.92	83.84	88.87
17-Mar-12 11:00:00	17-Mar-12 12:00:00	0.00	1.44	0.00	0.00	6.36	2.1	329.7	0.00	0.48	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	17-Mar-12 11:00:00	0.23	10.83	18.92	83.84	88.78
17-Mar-12 12:00:00	17-Mar-12 13:00:00	0.00	0.89	0.00	0.11	6.19	2.1	329.7	0.00	0.29	0.00	0.04	2.04	0.23	10.35	18.92	83.84	86.68	17-Mar-12 12:00:00	0.23	10.64	18.92	83.88	88.72
17-Mar-12 13:00:00	17-Mar-12 14:00:00	0.00	0.64	0.00	1.54	6.04	2.1	329.7	0.00	0.21	0.00	0.51	1.99	0.23	10.35	18.92	83.84	86.68	17-Mar-12 13:00:00	0.23	10.56	18.92	84.35	88.67
17-Mar-12 14:00:00	17-Mar-12 15:00:00	0.00	1.07	0.00	0.99	5.90	2.1	329.7	0.00	0.35	0.00	0.33	1.95	0.23	10.35	18.92	83.84	86.68	17-Mar-12 14:00:00	0.23	10.70	18.92	84.17	88.63
17-Mar-12 15:00:00	17-Mar-12 16:00:00	0.00	2.35	0.00	0.19	5.80	2.1	329.7	0.00	0.77	0.00	0.06	1.91	0.23	10.35	18.92	83.84	86.68	17-Mar-12 15:00:00	0.23	11.12	18.92	83.90	88.59
17-Mar-12 16:00:00	17-Mar-12 17:00:00	0.00	0.38	0.00	0.06	5.86	2.1	329.7	0.00	0.12	0.00	0.02	1.93	0.23	10.35	18.92	83.84	86.68	17-Mar-12 16:00:00	0.23	10.47	18.92	83.86	88.61
17-Mar-12 17:00:00	17-Mar-12 18:00:00	0.00	0.71	0.00	0.73	5.93	2.1	329.7	0.00	0.23	0.00	0.24	1.95	0.23	10.35	18.92	83.84	86.68	17-Mar-12 17:00:00	0.23	10.58	18.92	84.08	88.63
17-Mar-12 18:00:00	17-Mar-12 19:00:00	0.00	0.43	0.00	0.49	6.00	2.1	329.7	0.00	0.14	0.00	0.16	1.98	0.23	10.35	18.92	83.84	86.68						

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
19-Mar-12 01:00:00	19-Mar-12 02:00:00	0.00	0.26	0.00	0.00	7.74	2.1	329.7	0.00	0.09	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	19-Mar-12 01:00:00	0.23	10.44	18.92	83.84	89.23
19-Mar-12 02:00:00	19-Mar-12 03:00:00	0.00	0.32	0.00	0.00	7.86	2.1	329.7	0.00	0.11	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	19-Mar-12 02:00:00	0.23	10.46	18.92	83.84	89.27
19-Mar-12 03:00:00	19-Mar-12 04:00:00	0.00	0.60	0.00	0.00	7.96	2.1	329.7	0.00	0.20	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	19-Mar-12 03:00:00	0.23	10.55	18.92	83.84	89.31
19-Mar-12 04:00:00	19-Mar-12 05:00:00	0.00	0.82	0.00	0.11	8.00	2.1	329.7	0.00	0.27	0.00	0.04	2.64	0.23	10.35	18.92	83.84	86.68	19-Mar-12 04:00:00	0.23	10.62	18.92	83.88	89.32
19-Mar-12 05:00:00	19-Mar-12 06:00:00	0.00	1.12	0.00	0.00	8.04	2.1	329.7	0.00	0.37	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	19-Mar-12 05:00:00	0.23	10.72	18.92	83.84	89.33
19-Mar-12 06:00:00	19-Mar-12 07:00:00	0.00	1.25	0.00	0.00	8.08	2.1	329.7	0.00	0.41	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	19-Mar-12 06:00:00	0.23	10.76	18.92	83.84	89.34
19-Mar-12 07:00:00	19-Mar-12 08:00:00	0.00	1.29	0.00	0.84	8.02	2.1	329.7	0.00	0.43	0.00	0.28	2.64	0.23	10.35	18.92	83.84	86.68	19-Mar-12 07:00:00	0.23	10.78	18.92	84.12	89.32
19-Mar-12 08:00:00	19-Mar-12 09:00:00	0.00	0.41	0.00	0.41	7.65	2.1	329.7	0.00	0.14	0.00	0.14	2.52	0.23	10.35	18.92	83.84	86.68	19-Mar-12 08:00:00	0.23	10.49	18.92	83.98	89.20
19-Mar-12 09:00:00	19-Mar-12 10:00:00	0.00	0.03	0.00	0.00	7.25	2.1	329.7	0.00	0.01	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	19-Mar-12 09:00:00	0.23	10.36	18.92	83.84	89.07
19-Mar-12 10:00:00	19-Mar-12 11:00:00	0.00	0.27	0.00	0.00	6.84	2.1	329.7	0.00	0.09	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	19-Mar-12 10:00:00	0.23	10.44	18.92	83.84	88.94
19-Mar-12 11:00:00	19-Mar-12 12:00:00	0.00	0.94	0.00	0.00	6.41	2.1	329.7	0.00	0.31	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	19-Mar-12 11:00:00	0.23	10.66	18.92	83.84	88.79
19-Mar-12 12:00:00	19-Mar-12 13:00:00	0.00	0.36	0.00	0.00	6.07	2.1	329.7	0.00	0.12	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	19-Mar-12 12:00:00	0.23	10.47	18.92	83.84	88.68
19-Mar-12 13:00:00	19-Mar-12 14:00:00	0.00	0.95	0.00	0.10	5.77	2.1	329.7	0.00	0.31	0.00	0.03	1.90	0.23	10.35	18.92	83.84	86.68	19-Mar-12 13:00:00	0.23	10.66	18.92	83.87	88.58
19-Mar-12 14:00:00	19-Mar-12 15:00:00	0.00	4.36	0.00	0.14	5.48	2.1	329.7	0.00	1.44	0.00	0.05	1.81	0.23	10.35	18.92	83.84	86.68	19-Mar-12 14:00:00	0.23	11.79	18.92	83.89	88.49
19-Mar-12 15:00:00	19-Mar-12 16:00:00	0.00	3.58	0.00	0.19	5.25	2.1	329.7	0.00	1.18	0.00	0.06	1.73	0.23	10.35	18.92	83.84	86.68	19-Mar-12 15:00:00	0.23	11.53	18.92	83.90	88.41
19-Mar-12 16:00:00	19-Mar-12 17:00:00	0.00	3.97	0.00	0.00	5.36	2.1	329.7	0.00	1.31	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	19-Mar-12 16:00:00	0.23	11.66	18.92	83.84	88.45
19-Mar-12 17:00:00	19-Mar-12 18:00:00	0.00	2.65	0.00	0.00	5.49	2.1	329.7	0.00	0.87	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	19-Mar-12 17:00:00	0.23	11.22	18.92	83.84	88.49
19-Mar-12 18:00:00	19-Mar-12 19:00:00	0.00	0.91	0.00	0.32	5.63	2.1	329.7	0.00	0.30	0.00	0.10	1.86	0.23	10.35	18.92	83.84	86.68	19-Mar-12 18:00:00	0.23	10.65	18.92	83.94	88.54
19-Mar-12 19:00:00	19-Mar-12 20:00:00	0.00	1.39	0.00	0.08	5.83	2.1	329.7	0.00	0.46	0.00	0.03	1.92	0.23	10.35	18.92	83.84	86.68	19-Mar-12 19:00:00	0.23	10.81	18.92	83.87	88.60
19-Mar-12 20:00:00	19-Mar-12 21:00:00	0.00	1.87	0.00	0.30	6.14	2.1	329.7	0.00	0.62	0.00	0.10	2.02	0.23	10.35	18.92	83.84	86.68	19-Mar-12 20:00:00	0.23	10.97	18.92	83.94	88.70
19-Mar-12 21:00:00	19-Mar-12 22:00:00	0.00	4.06	0.00	0.00	6.45	2.1	329.7	0.00	1.34	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	19-Mar-12 21:00:00	0.23	11.69	18.92	83.84	88.81
19-Mar-12 22:00:00	19-Mar-12 23:00:00	0.00	5.61	0.00	0.00	6.77	2.1	329.7	0.00	1.85	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	19-Mar-12 22:00:00	0.23	12.20	18.92	83.84	88.91
19-Mar-12 23:00:00	20-Mar-12 00:00:00	0.00	0.11	0.00	0.00	6.99	2.1	329.7	0.00	0.04	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	19-Mar-12 23:00:00	0.23	10.39	18.92	83.84	88.98
20-Mar-12 00:00:00	20-Mar-12 01:00:00	0.00	0.00	0.00	0.00	7.03	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	20-Mar-12 00:00:00	0.23	10.35	18.92	83.84	89.00
20-Mar-12 01:00:00	20-Mar-12 02:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	20-Mar-12 01:00:00	0.23	10.35	18.92	83.84	89.02
20-Mar-12 02:00:00	20-Mar-12 03:00:00	0.00	0.00	0.00	0.00	7.14	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	20-Mar-12 02:00:00	0.23	10.35	18.92	83.84	89.03
20-Mar-12 03:00:00	20-Mar-12 04:00:00	0.00	0.00	0.00	0.00	7.30	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	20-Mar-12 03:00:00	0.23	10.35	18.92	83.84	89.09
20-Mar-12 04:00:00	20-Mar-12 05:00:00	0.00	0.00	0.00	0.00	7.51	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	20-Mar-12 04:00:00	0.23	10.35	18.92	83.84	89.16
20-Mar-12 05:00:00	20-Mar-12 06:00:00	0.00	0.00	0.00	0.17	7.67	2.1	329.7	0.00	0.00	0.00	0.05	2.53	0.23	10.35	18.92	83.84	86.68	20-Mar-12 05:00:00	0.23	10.35	18.92	83.89	89.21
20-Mar-12 06:00:00	20-Mar-12 07:00:00	0.00	0.00	0.00	0.00	7.83	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	20-Mar-12 06:00:00	0.23	10.35	18.92	83.84	89.26
20-Mar-12 07:00:00	20-Mar-12 08:00:00	0.00	2.19	0.00	0.23	7.81	2.1	329.7	0.00	0.72	0.00	0.08	2.57	0.23	10.35	18.92	83.84	86.68	20-Mar-12 07:00:00	0.23	11.07	18.92	83.92	89.25
20-Mar-12 08:00:00	20-Mar-12 09:00:00	0.00	1.90	0.00	0.00	7.34	2.1	329.7	0.00	0.63	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	20-Mar-12 08:00:00	0.23	10.98	18.92	83.84	89.10
20-Mar-12 09:00:00	20-Mar-12 10:00:00	0.00	0.86	0.00	0.13	6.87	2.1	329.7	0.00	0.28	0.00	0.04	2.26	0.23	10.35	18.92	83.84	86.68	20-Mar-12 09:00:00	0.23	10.63	18.92	83.88	88.94
20-Mar-12 10:00:00	20-Mar-12 11:00:00	0.00	0.56	0.00	0.00	6.39	2.1	329.7	0.00	0.18	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	20-Mar-12 10:00:00	0.23	10.53	18.92	83.84	88.79
20-Mar-12 11:00:00	20-Mar-12 12:00:00	0.00	0.26	0.00	0.19	6.02	2.1	329.7	0.00	0.09	0.00	0.06	1.98	0.23	10.35	18.92	83.84	86.68	20-Mar-12 11:00:00	0.23	10.44	18.92	83.90	88.66
20-Mar-12 12:00:00	20-Mar-12 13:00:00	0.00	0.02	0.00	0.00	5.94	2.1	329.7	0.00	0.01	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	20-Mar-12 12:00:00	0.23	10.36	18.92	83.84	88.64
20-Mar-12 13:00:00	20-Mar-12 14:00:00	0.00	0.00	0.00	0.65	5.89	2.1	329.7	0.00	0.00	0.00	0.21	1.94	0.23	10.35	18.92	83.84	86.68	20-Mar-12 13:00:00	0.23	10.35	18.92	84.05	88.62
20-Mar-12 14:00:00	20-Mar-12 15:00:00	0.00	0.59	0.00	0.56	5.83	2.1	329.7	0.00	0.20	0.00	0.19	1.92	0.23	10.35	18.92	83.84	86.68	20-Mar-12 14:00:00	0.23	10.55			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL NO. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL NO. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
22-Mar-12 01:00:00	22-Mar-12 02:00:00	0.00	0.00	0.00	1.05	7.44	2.1	329.7	0.00	0.00	0.00	0.35	2.45	0.23	10.35	18.92	83.84	86.68	22-Mar-12 01:00:00	0.23	10.35	18.92	84.19	89.13
22-Mar-12 02:00:00	22-Mar-12 03:00:00	0.00	0.00	0.00	0.62	7.46	2.1	329.7	0.00	0.00	0.00	0.20	2.46	0.23	10.35	18.92	83.84	86.68	22-Mar-12 02:00:00	0.23	10.35	18.92	84.04	89.14
22-Mar-12 03:00:00	22-Mar-12 04:00:00	0.00	0.00	0.00	3.35	7.47	2.1	329.7	0.00	0.00	0.00	1.10	2.46	0.23	10.35	18.92	83.84	86.68	22-Mar-12 03:00:00	0.23	10.35	18.92	84.94	89.14
22-Mar-12 04:00:00	22-Mar-12 05:00:00	0.00	0.00	0.00	2.14	7.48	2.1	329.7	0.00	0.00	0.00	0.71	2.47	0.23	10.35	18.92	83.84	86.68	22-Mar-12 04:00:00	0.23	10.35	18.92	84.55	89.15
22-Mar-12 05:00:00	22-Mar-12 06:00:00	0.00	0.00	0.00	1.42	7.49	2.1	329.7	0.00	0.00	0.00	0.47	2.47	0.23	10.35	18.92	83.84	86.68	22-Mar-12 05:00:00	0.23	10.35	18.92	84.31	89.15
22-Mar-12 06:00:00	22-Mar-12 07:00:00	0.00	0.00	0.00	0.70	7.49	2.1	329.7	0.00	0.00	0.00	0.23	2.47	0.23	10.35	18.92	83.84	86.68	22-Mar-12 06:00:00	0.23	10.35	18.92	84.07	89.15
22-Mar-12 07:00:00	22-Mar-12 08:00:00	0.00	0.33	0.00	3.90	7.44	2.1	329.7	0.00	0.11	0.00	1.29	2.45	0.23	10.35	18.92	83.84	86.68	22-Mar-12 07:00:00	0.23	10.46	18.92	85.13	89.13
22-Mar-12 08:00:00	22-Mar-12 09:00:00	0.00	0.60	0.00	2.60	7.17	2.1	329.7	0.00	0.20	0.00	0.86	2.36	0.23	10.35	18.92	83.84	86.68	22-Mar-12 08:00:00	0.23	10.55	18.92	84.70	89.04
22-Mar-12 09:00:00	22-Mar-12 10:00:00	0.00	1.31	0.00	0.94	6.89	2.1	329.7	0.00	0.43	0.00	0.31	2.27	0.23	10.35	18.92	83.84	86.68	22-Mar-12 09:00:00	0.23	10.78	18.92	84.15	88.95
22-Mar-12 10:00:00	22-Mar-12 11:00:00	0.00	2.02	0.00	0.62	6.60	2.1	329.7	0.00	0.66	0.00	0.20	2.18	0.23	10.35	18.92	83.84	86.68	22-Mar-12 10:00:00	0.23	11.01	18.92	84.04	88.86
22-Mar-12 11:00:00	22-Mar-12 12:00:00	0.00	0.43	0.00	0.25	6.35	2.1	329.7	0.00	0.14	0.00	0.08	2.09	0.23	10.35	18.92	83.84	86.68	22-Mar-12 11:00:00	0.23	10.49	18.92	83.92	88.77
22-Mar-12 12:00:00	22-Mar-12 13:00:00	0.00	0.00	0.00	1.15	6.23	2.1	329.7	0.00	0.00	0.00	0.38	2.06	0.23	10.35	18.92	83.84	86.68	22-Mar-12 12:00:00	0.23	10.35	18.92	84.22	88.74
22-Mar-12 13:00:00	22-Mar-12 14:00:00	0.00	0.00	0.00	23.10	6.13	2.1	329.7	0.00	0.00	0.00	7.62	2.02	0.23	10.35	18.92	83.84	86.68	22-Mar-12 13:00:00	0.23	10.35	18.92	91.46	88.70
22-Mar-12 14:00:00	22-Mar-12 15:00:00	0.00	0.00	0.00	0.66	6.04	2.1	329.7	0.00	0.00	0.00	0.22	1.99	0.23	10.35	18.92	83.84	86.68	22-Mar-12 14:00:00	0.23	10.35	18.92	84.06	88.67
22-Mar-12 15:00:00	22-Mar-12 16:00:00	0.00	0.05	0.00	0.26	7.12	2.1	329.7	0.00	0.02	0.00	0.06	2.35	0.23	10.35	18.92	83.84	86.68	22-Mar-12 15:00:00	0.23	10.37	18.92	83.92	89.03
22-Mar-12 16:00:00	22-Mar-12 17:00:00	0.00	0.00	0.00	0.20	5.86	2.1	329.7	0.00	0.00	0.00	0.08	1.93	0.23	10.35	18.92	83.84	86.68	22-Mar-12 16:00:00	0.23	10.35	18.92	83.90	88.61
22-Mar-12 17:00:00	22-Mar-12 18:00:00	0.00	0.00	0.00	0.36	5.80	2.1	329.7	0.00	0.00	0.00	0.12	1.91	0.23	10.35	18.92	83.84	86.68	22-Mar-12 17:00:00	0.23	10.35	18.92	83.96	88.59
22-Mar-12 18:00:00	22-Mar-12 19:00:00	0.00	0.00	0.00	0.33	5.73	2.1	329.7	0.00	0.00	0.00	0.11	1.89	0.23	10.35	18.92	83.84	86.68	22-Mar-12 18:00:00	0.23	10.35	18.92	83.95	88.57
22-Mar-12 19:00:00	22-Mar-12 20:00:00	0.00	0.00	0.00	0.44	5.70	2.1	329.7	0.00	0.00	0.00	0.15	1.88	0.23	10.35	18.92	83.84	86.68	22-Mar-12 19:00:00	0.23	10.35	18.92	83.99	88.56
22-Mar-12 20:00:00	22-Mar-12 21:00:00	0.00	0.00	0.00	1.06	5.93	2.1	329.7	0.00	0.00	0.00	0.35	1.95	0.23	10.35	18.92	83.84	86.68	22-Mar-12 20:00:00	0.23	10.35	18.92	84.19	88.63
22-Mar-12 21:00:00	22-Mar-12 22:00:00	0.00	0.00	0.00	1.29	6.21	2.1	329.7	0.00	0.00	0.00	0.42	2.05	0.23	10.35	18.92	83.84	86.68	22-Mar-12 21:00:00	0.23	10.35	18.92	84.26	88.73
22-Mar-12 22:00:00	22-Mar-12 23:00:00	0.00	0.00	0.00	1.33	6.49	2.1	329.7	0.00	0.00	0.00	0.44	2.14	0.23	10.35	18.92	83.84	86.68	22-Mar-12 22:00:00	0.23	10.35	18.92	84.28	88.82
22-Mar-12 23:00:00	23-Mar-12 00:00:00	0.00	0.00	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	22-Mar-12 23:00:00	0.23	10.35	18.92	83.84	88.91
23-Mar-12 00:00:00	23-Mar-12 01:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	23-Mar-12 00:00:00	0.23	10.35	18.92	83.84	88.94
23-Mar-12 01:00:00	23-Mar-12 02:00:00	0.00	0.00	0.00	0.50	6.87	2.1	329.7	0.00	0.00	0.00	0.17	2.26	0.23	10.35	18.92	83.84	86.68	23-Mar-12 01:00:00	0.23	10.35	18.92	84.01	88.94
23-Mar-12 02:00:00	23-Mar-12 03:00:00	0.00	0.00	0.00	0.95	6.89	2.1	329.7	0.00	0.00	0.00	0.31	2.27	0.23	10.35	18.92	83.84	86.68	23-Mar-12 02:00:00	0.23	10.35	18.92	84.15	88.95
23-Mar-12 03:00:00	23-Mar-12 04:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	23-Mar-12 03:00:00	0.23	10.35	18.92	83.84	88.96
23-Mar-12 04:00:00	23-Mar-12 05:00:00	0.00	0.00	0.00	0.40	7.05	2.1	329.7	0.00	0.00	0.00	0.13	2.33	0.23	10.35	18.92	83.84	86.68	23-Mar-12 04:00:00	0.23	10.35	18.92	83.97	89.01
23-Mar-12 05:00:00	23-Mar-12 06:00:00	0.00	0.00	0.00	0.90	7.20	2.1	329.7	0.00	0.00	0.00	0.30	2.37	0.23	10.35	18.92	83.84	86.68	23-Mar-12 05:00:00	0.23	10.35	18.92	84.14	89.05
23-Mar-12 06:00:00	23-Mar-12 07:00:00	0.00	1.63	0.00	0.58	7.34	2.1	329.7	0.00	0.54	0.00	0.19	2.42	0.23	10.35	18.92	83.84	86.68	23-Mar-12 06:00:00	0.23	10.89	18.92	84.03	89.10
23-Mar-12 07:00:00	23-Mar-12 08:00:00	0.00	0.32	0.00	0.25	7.44	2.1	329.7	0.00	0.10	0.00	0.08	2.45	0.23	10.35	18.92	83.84	86.68	23-Mar-12 07:00:00	0.23	10.45	18.92	83.92	89.13
23-Mar-12 08:00:00	23-Mar-12 09:00:00	0.00	0.22	0.00	0.59	7.21	2.1	329.7	0.00	0.07	0.00	0.19	2.38	0.23	10.35	18.92	83.84	86.68	23-Mar-12 08:00:00	0.23	10.42	18.92	84.03	89.06
23-Mar-12 09:00:00	23-Mar-12 10:00:00	0.00	0.12	0.00	1.12	6.91	2.1	329.7	0.00	0.04	0.00	0.37	2.28	0.23	10.35	18.92	83.84	86.68	23-Mar-12 09:00:00	0.23	10.39	18.92	84.21	88.96
23-Mar-12 10:00:00	23-Mar-12 11:00:00	0.00	0.03	0.00	1.11	6.61	2.1	329.7	0.00	0.01	0.00	0.37	2.18	0.23	10.35	18.92	83.84	86.68	23-Mar-12 10:00:00	0.23	10.36	18.92	84.21	88.86
23-Mar-12 11:00:00	23-Mar-12 12:00:00	0.00	0.00	0.00	0.23	6.34	2.1	329.7	0.00	0.00	0.00	0.08	2.09	0.23	10.35	18.92	83.84	86.68	23-Mar-12 11:00:00	0.23	10.35	18.92	83.92	88.77
23-Mar-12 12:00:00	23-Mar-12 13:00:00	0.00	0.00	0.00	0.14	6.13	2.1	329.7	0.00	0.00	0.00	0.05	2.02	0.23	10.35	18.92	83.84	86.68	23-Mar-12 12:00:00	0.23	10.35	18.92	83.89	88.70
23-Mar-12 13:00:00	23-Mar-12 14:00:00	0.00	0.00	0.00	1.31	5.91	2.1	329.7	0.00	0.00	0.00	0.43	1.95	0.23	10.35	18.92	83.84	86.68	23-Mar-12 13:00:00	0.23	10.35	18.92	84.27	88.63
23-Mar-12 14:00:00	23-Mar-12 15:00:00	0.00	0.00	0.00	1.49	5.69	2.1	329.7	0.00	0.00	0.00	0.49	1.88	0.23	10.35	18.92	83.84	86.68	23-Mar-12 14:00:00	0.23	10.35	18.92	84.33	8

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
Start Time	End Time	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Start Time	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	Start Time	lb/hr	lb/hr	lb/hr	lb/hr
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr		lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
25-Mar-12 01:00:00	25-Mar-12 02:00:00	0.00	0.11	1,345.85	0.80	7.49	2.1	329.7	0.00	0.04	443.73	0.26	2.47	0.23	10.35	18.92	83.84	86.68	25-Mar-12 01:00:00	0.23	10.39	462.65	84.10	89.15					
25-Mar-12 02:00:00	25-Mar-12 03:00:00	0.00	0.00	1,346.23	0.81	7.51	2.1	329.7	0.00	0.00	443.85	0.27	2.48	0.23	10.35	18.92	83.84	86.68	25-Mar-12 02:00:00	0.23	10.35	462.77	84.11	89.16					
25-Mar-12 03:00:00	25-Mar-12 04:00:00	0.00	0.00	1,332.83	0.44	7.51	2.1	329.7	0.00	0.00	439.43	0.14	2.48	0.23	10.35	18.92	83.84	86.68	25-Mar-12 03:00:00	0.23	10.35	458.35	83.98	89.16					
25-Mar-12 04:00:00	25-Mar-12 05:00:00	0.00	0.00	1,314.05	1.38	7.51	2.1	329.7	0.00	0.00	433.24	0.45	2.48	0.23	10.35	18.92	83.84	86.68	25-Mar-12 04:00:00	0.23	10.35	452.16	84.29	89.16					
25-Mar-12 05:00:00	25-Mar-12 06:00:00	0.00	180.08	1,316.73	0.45	7.57	2.1	329.7	0.00	59.37	434.12	0.15	2.50	0.23	10.35	18.92	83.84	86.68	25-Mar-12 05:00:00	0.23	69.72	453.04	83.99	89.18					
25-Mar-12 06:00:00	25-Mar-12 07:00:00	0.00	1,109.44	1,322.04	0.00	7.62	2.1	329.7	0.00	365.78	435.88	0.00	2.51	0.23	10.35	18.92	83.84	86.68	25-Mar-12 06:00:00	0.23	376.13	454.80	83.84	89.19					
25-Mar-12 07:00:00	25-Mar-12 08:00:00	0.00	1,512.83	1,316.35	0.80	7.59	2.1	329.7	0.00	498.78	434.00	0.26	2.50	0.23	10.35	18.92	83.84	86.68	25-Mar-12 07:00:00	0.23	509.13	452.92	84.10	89.18					
25-Mar-12 08:00:00	25-Mar-12 09:00:00	411.19	1,415.51	49.72	2.00	7.55	2.1	329.7	135.57	466.69	16.39	0.66	2.49	0.23	10.35	18.92	83.84	86.68	25-Mar-12 08:00:00	135.80	477.04	35.31	84.50	89.17					
25-Mar-12 09:00:00	25-Mar-12 10:00:00	891.91	1,660.57	0.00	1.65	7.54	2.1	329.7	294.06	547.49	0.00	0.55	2.49	0.23	10.35	18.92	83.84	86.68	25-Mar-12 09:00:00	294.29	557.84	18.92	84.39	89.17					
25-Mar-12 10:00:00	25-Mar-12 11:00:00	787.43	1,684.36	0.00	2.47	7.55	2.1	329.7	259.61	555.33	0.00	0.81	2.49	0.23	10.35	18.92	83.84	86.68	25-Mar-12 10:00:00	259.84	565.68	18.92	84.65	89.17					
25-Mar-12 11:00:00	25-Mar-12 12:00:00	391.97	1,477.23	0.00	5.85	7.55	2.1	329.7	129.23	487.04	0.00	1.93	2.49	0.23	10.35	18.92	83.84	86.68	25-Mar-12 11:00:00	129.46	497.39	18.92	85.77	89.17					
25-Mar-12 12:00:00	25-Mar-12 13:00:00	435.72	1,488.74	0.00	8.64	0.00	2.1	329.7	143.66	490.84	0.00	2.85	0.00	0.23	10.35	18.92	83.84	86.68	25-Mar-12 12:00:00	143.89	501.19	18.92	86.69	86.68					
25-Mar-12 13:00:00	25-Mar-12 14:00:00	657.69	1,527.26	0.00	10.04	0.00	2.1	329.7	216.84	503.54	0.00	3.31	0.00	0.23	10.35	18.92	83.84	86.68	25-Mar-12 13:00:00	217.07	513.89	18.92	87.15	86.68					
25-Mar-12 14:00:00	25-Mar-12 15:00:00	892.22	1,567.37	0.00	8.00	0.00	2.1	329.7	294.16	516.76	0.00	2.64	0.00	0.23	10.35	18.92	83.84	86.68	25-Mar-12 14:00:00	294.39	527.11	18.92	86.48	86.68					
25-Mar-12 15:00:00	25-Mar-12 16:00:00	1,126.75	1,607.48	0.00	5.95	0.00	2.1	329.7	371.49	529.99	0.00	1.96	0.00	0.23	10.35	18.92	83.84	86.68	25-Mar-12 15:00:00	371.72	540.34	18.92	85.80	86.68					
25-Mar-12 16:00:00	25-Mar-12 17:00:00	1,361.28	1,647.59	0.00	3.90	0.00	2.1	329.7	448.81	543.21	0.00	1.29	0.00	0.23	10.35	18.92	83.84	86.68	25-Mar-12 16:00:00	449.04	553.56	18.92	85.13	86.68					
25-Mar-12 17:00:00	25-Mar-12 18:00:00	1,595.81	1,687.70	0.00	1.86	0.00	2.1	329.7	526.14	556.43	0.00	0.61	0.00	0.23	10.35	18.92	83.84	86.68	25-Mar-12 17:00:00	526.37	566.78	18.92	84.45	86.68					
25-Mar-12 18:00:00	25-Mar-12 19:00:00	1,494.68	1,680.86	0.00	2.44	6.36	2.1	329.7	492.79	554.18	0.00	0.80	2.10	0.23	10.35	18.92	83.84	86.68	25-Mar-12 18:00:00	493.02	564.53	18.92	84.64	88.78					
25-Mar-12 19:00:00	25-Mar-12 20:00:00	1,302.71	1,579.62	0.00	5.19	6.46	2.1	329.7	429.50	519.40	0.00	1.71	2.13	0.23	10.35	18.92	83.84	86.68	25-Mar-12 19:00:00	429.73	531.15	18.92	85.55	88.81					
25-Mar-12 20:00:00	25-Mar-12 21:00:00	1,406.72	1,575.58	0.00	3.70	6.59	2.1	329.7	463.80	520.87	0.00	1.22	2.17	0.23	10.35	18.92	83.84	86.68	25-Mar-12 20:00:00	464.03	529.82	18.92	85.06	88.85					
25-Mar-12 21:00:00	25-Mar-12 22:00:00	1,311.41	1,579.32	0.00	5.32	6.71	2.1	329.7	432.37	520.70	0.00	1.75	2.21	0.23	10.35	18.92	83.84	86.68	25-Mar-12 21:00:00	432.60	531.05	18.92	85.59	88.89					
25-Mar-12 22:00:00	25-Mar-12 23:00:00	1,373.53	1,553.48	0.00	5.76	6.87	2.1	329.7	452.85	512.18	0.00	1.90	2.27	0.23	10.35	18.92	83.84	86.68	25-Mar-12 22:00:00	453.08	522.53	18.92	85.74	88.95					
25-Mar-12 23:00:00	26-Mar-12 00:00:00	1,390.20	1,387.84	0.00	5.54	6.94	2.1	329.7	458.35	457.57	0.00	1.83	2.29	0.23	10.35	18.92	83.84	86.68	25-Mar-12 23:00:00	458.58	467.92	18.92	85.67	88.97					
26-Mar-12 00:00:00	26-Mar-12 01:00:00	1,274.13	1,341.30	0.00	4.71	6.98	2.1	329.7	420.08	442.23	0.00	1.55	2.30	0.23	10.35	18.92	83.84	86.68	26-Mar-12 00:00:00	420.31	452.58	18.92	85.39	88.98					
26-Mar-12 01:00:00	26-Mar-12 02:00:00	1,301.44	1,324.98	0.00	4.32	7.01	2.1	329.7	429.08	436.85	0.00	1.43	2.31	0.23	10.35	18.92	83.84	86.68	26-Mar-12 01:00:00	429.31	447.20	18.92	85.27	88.99					
26-Mar-12 02:00:00	26-Mar-12 03:00:00	959.62	1,257.00	0.00	6.98	7.04	2.1	329.7	316.39	414.43	0.00	2.30	2.32	0.23	10.35	18.92	83.84	86.68	26-Mar-12 02:00:00	316.62	424.78	18.92	86.14	89.00					
26-Mar-12 03:00:00	26-Mar-12 04:00:00	900.89	1,115.33	0.00	5.02	7.04	2.1	329.7	297.02	367.72	0.00	1.65	2.32	0.23	10.35	18.92	83.84	86.68	26-Mar-12 03:00:00	297.25	378.07	18.92	85.49	89.00					
26-Mar-12 04:00:00	26-Mar-12 05:00:00	1,514.85	17.57	0.00	7.37	7.01	2.1	329.7	499.45	543.21	0.00	2.43	2.31	0.23	10.35	18.92	83.84	86.68	26-Mar-12 04:00:00	499.68	16.14	18.92	86.27	88.99					
26-Mar-12 05:00:00	26-Mar-12 06:00:00	1,405.84	1.05	0.00	5.58	6.97	2.1	329.7	463.50	0.35	0.00	1.84	2.30	0.23	10.35	18.92	83.84	86.68	26-Mar-12 05:00:00	463.73	10.70	18.92	85.68	88.98					
26-Mar-12 06:00:00	26-Mar-12 07:00:00	1,365.02	0.66	0.00	6.63	6.93	2.1	329.7	450.05	0.22	0.00	1.19	2.29	0.23	10.35	18.92	83.84	86.68	26-Mar-12 06:00:00	450.28	10.57	18.92	86.03	88.97					
26-Mar-12 07:00:00	26-Mar-12 08:00:00	1,368.82	0.27	0.00	10.52	6.89	2.1	329.7	451.30	0.09	0.00	3.47	2.27	0.23	10.35	18.92	83.84	86.68	26-Mar-12 07:00:00	451.53	10.44	18.92	87.31	88.95					
26-Mar-12 08:00:00	26-Mar-12 09:00:00	1,074.72	0.01	0.00	10.19	6.70	2.1	329.7	354.33	0.00	0.00	3.69	2.21	0.23	10.35	18.92	83.84	86.68	26-Mar-12 08:00:00	354.56	10.35	18.92	87.53	88.89					
26-Mar-12 09:00:00	26-Mar-12 10:00:00	1,133.44	0.00	0.00	12.64	6.50	2.1	329.7	373.70	0.00	0.00	4.17	2.14	0.23	10.35	18.92	83.84	86.68	26-Mar-12 09:00:00	373.93	10.35	18.92	88.01	88.82					
26-Mar-12 10:00:00	26-Mar-12 11:00:00	1,117.24	0.00	0.00	14.61	6.29	2.1	329.7	368.35	0.00	0.00	4.82	2.08	0.23	10.35	18.92	83.84	86.68	26-Mar-12 10:00:00	368.58	10.35	18.92	88.66	88.76					
26-Mar-12 11:00:00	26-Mar-12 12:00:00	1,132.97	0.00	0.00	14.87	6.05	2.1	329.7	373.54	0.00	0.00	4.90	2.00	0.23	10.35	18.92	83.84	86.68	26-Mar-12 11:00:00	373.77	10.35	18.92	88.74	88.68					
26-Mar-12 12:00:00	26-Mar-12 13:00:00	1,147.52	0.00	0.00	6.57	5.89	2.1	329.7	378.34	0.00	0.00	2.17	1.94	0.23	10.35	18.92	83.84	86.68	26-Mar-12 12:00:00	378.57	10.35	18.92	86.01	88.62					
26-Mar-12 13:00:00	26-Mar-12 14:00:00	1,213.17	0.00	0.00	6.91	5.75	2.1	329.7	399.98	0.00	0.00	2.28	1.89	0.23	10.35	18.92	83.84	86.68	26-Mar-12 13:00:00	400.21	10.35	18.92	86.12	88.57					
26-Mar-12 14:00:00	26-Mar-12 15:00:00	692.57	0.00	0.00	9.18	5.60	2.1	329.7	228.34	0.00	0.00	3.03	1.85	0.23	10.35	18.92	83.84	86.68	26-Mar-12 14:00:00	228.57	10.35	18.92	86.87	88.53					
26-Mar-12 15:00:00	26-Mar-12 16:00:00	0.00	0.00	0.00	10.18	5.47	2.1	329.7	0.00	0.00	0.00	3.36	1.80	0.23	10.35	18.92	83.84	86.68	26-Mar-12 15:00:00	0.23	10.35	18.92	87.20	88.48					
26-Mar-12 16:00:00	26-Mar-12 17:00:00	0.00	0.15	0.00	9.66	5.39	2.1	329.7	0.00	0.05	0.00	3.19	1.																

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTCB2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
28-Mar-12 01:00:00	28-Mar-12 02:00:00	0.00	0.00	0.00	160.38	8.41	2.1	329.7	0.00	0.00	0.00	52.88	2.77	0.23	10.35	18.92	83.84	86.68	28-Mar-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	136.72	89.45
28-Mar-12 02:00:00	28-Mar-12 03:00:00	0.00	0.00	0.00	189.31	8.48	2.1	329.7	0.00	0.00	0.00	62.41	2.79	0.23	10.35	18.92	83.84	86.68	28-Mar-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	146.25	89.47
28-Mar-12 03:00:00	28-Mar-12 04:00:00	0.00	0.00	0.00	181.54	8.54	2.1	329.7	0.00	0.00	0.00	59.85	2.82	0.23	10.35	18.92	83.84	86.68	28-Mar-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	143.69	89.50
28-Mar-12 04:00:00	28-Mar-12 05:00:00	0.00	0.00	0.00	156.95	8.62	2.1	329.7	0.00	0.00	0.00	51.75	2.84	0.23	10.35	18.92	83.84	86.68	28-Mar-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	135.59	89.52
28-Mar-12 05:00:00	28-Mar-12 06:00:00	0.00	0.00	0.00	142.76	8.58	2.1	329.7	0.00	0.00	0.00	47.07	2.83	0.23	10.35	18.92	83.84	86.68	28-Mar-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	130.91	89.51
28-Mar-12 06:00:00	28-Mar-12 07:00:00	0.00	0.00	0.00	148.47	8.48	2.1	329.7	0.00	0.00	0.00	48.95	2.79	0.23	10.35	18.92	83.84	86.68	28-Mar-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	132.79	89.47
28-Mar-12 07:00:00	28-Mar-12 08:00:00	0.00	0.00	0.00	161.26	8.39	2.1	329.7	0.00	0.00	0.00	53.17	2.77	0.23	10.35	18.92	83.84	86.68	28-Mar-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	137.01	89.45
28-Mar-12 08:00:00	28-Mar-12 09:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 09:00:00	28-Mar-12 10:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 10:00:00	28-Mar-12 11:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 11:00:00	28-Mar-12 12:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 11:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 12:00:00	28-Mar-12 13:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 12:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 13:00:00	28-Mar-12 14:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 13:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 14:00:00	28-Mar-12 15:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 14:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 15:00:00	28-Mar-12 16:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 15:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 16:00:00	28-Mar-12 17:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 16:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 17:00:00	28-Mar-12 18:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 17:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 18:00:00	28-Mar-12 19:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 18:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 19:00:00	28-Mar-12 20:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 19:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 20:00:00	28-Mar-12 21:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 20:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 21:00:00	28-Mar-12 22:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 21:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 22:00:00	28-Mar-12 23:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 22:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
28-Mar-12 23:00:00	29-Mar-12 00:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Mar-12 23:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 00:00:00	29-Mar-12 01:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 00:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 01:00:00	29-Mar-12 02:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 02:00:00	29-Mar-12 03:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 03:00:00	29-Mar-12 04:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 04:00:00	29-Mar-12 05:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 05:00:00	29-Mar-12 06:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 06:00:00	29-Mar-12 07:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 07:00:00	29-Mar-12 08:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 08:00:00	29-Mar-12 09:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 09:00:00	29-Mar-12 10:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 10:00:00	29-Mar-12 11:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
29-Mar-12 11:00:00	29-Mar-12 12:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	29-Mar-12 11:00:00	0.23	10.35	18.92	83.84						

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
31-Mar-12 01:00:00	31-Mar-12 02:00:00	0.00	1.66	0.00	0.00	6.75	2.1	329.7	0.00	0.55	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	31-Mar-12 01:00:00	0.23	10.90	18.92	83.84	88.91
31-Mar-12 02:00:00	31-Mar-12 03:00:00	0.00	201.70	0.00	0.00	6.86	2.1	329.7	0.00	66.50	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	31-Mar-12 02:00:00	0.23	76.85	18.92	83.84	88.94
31-Mar-12 03:00:00	31-Mar-12 04:00:00	247.81	240.56	0.00	0.08	6.94	2.1	329.7	81.70	79.31	0.00	0.03	2.29	0.23	10.35	18.92	83.84	86.68	31-Mar-12 03:00:00	81.93	89.66	18.92	83.87	88.97
31-Mar-12 04:00:00	31-Mar-12 05:00:00	1,056.13	300.00	0.00	0.22	6.93	2.1	329.7	348.21	98.91	0.00	0.07	2.28	0.23	10.35	18.92	83.84	86.68	31-Mar-12 04:00:00	348.44	109.26	18.92	83.91	88.96
31-Mar-12 05:00:00	31-Mar-12 06:00:00	1,250.48	625.21	0.00	0.36	6.91	2.1	329.7	412.28	206.13	0.00	0.12	2.28	0.23	10.35	18.92	83.84	86.68	31-Mar-12 05:00:00	412.51	216.48	18.92	83.96	88.96
31-Mar-12 06:00:00	31-Mar-12 07:00:00	1,054.70	907.31	0.00	0.50	6.89	2.1	329.7	347.73	299.14	0.00	0.16	2.27	0.23	10.35	18.92	83.84	86.68	31-Mar-12 06:00:00	347.96	309.49	18.92	84.00	88.95
31-Mar-12 07:00:00	31-Mar-12 08:00:00	563.72	1,378.08	0.00	0.64	6.79	2.1	329.7	185.86	454.35	0.00	0.21	2.24	0.23	10.35	18.92	83.84	86.68	31-Mar-12 07:00:00	186.09	464.70	18.92	84.05	88.92
31-Mar-12 08:00:00	31-Mar-12 09:00:00	368.42	1,370.21	0.00	0.78	6.81	2.1	329.7	121.47	451.76	0.00	0.26	2.25	0.23	10.35	18.92	83.84	86.68	31-Mar-12 08:00:00	121.70	462.11	18.92	84.10	88.93
31-Mar-12 09:00:00	31-Mar-12 10:00:00	0.00	1,362.41	0.00	0.92	6.85	2.1	329.7	0.00	449.19	0.00	0.30	2.26	0.23	10.35	18.92	83.84	86.68	31-Mar-12 09:00:00	0.23	459.54	18.92	84.14	88.94
31-Mar-12 10:00:00	31-Mar-12 11:00:00	0.00	1,368.38	0.00	1.06	6.88	2.1	329.7	0.00	451.16	0.00	0.35	2.27	0.23	10.35	18.92	83.84	86.68	31-Mar-12 10:00:00	0.23	461.51	18.92	84.19	88.95
31-Mar-12 11:00:00	31-Mar-12 12:00:00	0.00	1,378.98	0.00	1.21	6.92	2.1	329.7	0.00	454.65	0.00	0.40	2.28	0.23	10.35	18.92	83.84	86.68	31-Mar-12 11:00:00	0.23	465.00	18.92	84.24	88.96
31-Mar-12 12:00:00	31-Mar-12 13:00:00	0.00	1,240.22	0.00	1.80	6.92	2.1	329.7	0.00	408.90	0.00	0.59	2.28	0.23	10.35	18.92	83.84	86.68	31-Mar-12 12:00:00	0.23	419.25	18.92	84.43	88.96
31-Mar-12 13:00:00	31-Mar-12 14:00:00	0.00	1,267.83	0.00	4.21	6.92	2.1	329.7	0.00	418.00	0.00	1.39	2.28	0.23	10.35	18.92	83.84	86.68	31-Mar-12 13:00:00	0.23	428.35	18.92	85.23	88.96
31-Mar-12 14:00:00	31-Mar-12 15:00:00	0.00	1,330.93	0.00	1.27	6.90	2.1	329.7	0.00	438.81	0.00	0.42	2.00	0.23	10.35	18.92	83.84	86.68	31-Mar-12 14:00:00	0.23	449.16	18.92	84.26	88.68
31-Mar-12 15:00:00	31-Mar-12 16:00:00	0.00	796.51	0.00	0.06	5.99	2.1	329.7	0.00	262.61	0.00	0.02	1.98	0.23	10.35	18.92	83.84	86.68	31-Mar-12 15:00:00	0.23	272.96	18.92	83.86	88.66
31-Mar-12 16:00:00	31-Mar-12 17:00:00	0.00	334.74	0.00	0.00	5.88	2.1	329.7	0.00	110.37	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	31-Mar-12 16:00:00	0.23	120.72	18.92	83.84	88.62
31-Mar-12 17:00:00	31-Mar-12 18:00:00	0.00	0.00	0.00	0.28	5.77	2.1	329.7	0.00	0.00	0.00	0.09	1.90	0.23	10.35	18.92	83.84	86.68	31-Mar-12 17:00:00	0.23	10.35	18.92	83.93	88.58
31-Mar-12 18:00:00	31-Mar-12 19:00:00	0.00	0.00	0.00	0.00	5.66	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	31-Mar-12 18:00:00	0.23	10.35	18.92	83.84	88.54
31-Mar-12 19:00:00	31-Mar-12 20:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	31-Mar-12 19:00:00	0.23	10.35	18.92	83.84	88.54
31-Mar-12 20:00:00	31-Mar-12 21:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	31-Mar-12 20:00:00	0.23	10.35	18.92	83.84	88.63
31-Mar-12 21:00:00	31-Mar-12 22:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	31-Mar-12 21:00:00	0.23	10.35	18.92	83.84	88.73
31-Mar-12 22:00:00	31-Mar-12 23:00:00	0.00	0.00	0.00	0.00	6.51	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	31-Mar-12 22:00:00	0.23	10.35	18.92	83.84	88.83
31-Mar-12 23:00:00	01-Apr-12 00:00:00	0.00	0.00	0.00	0.17	6.45	2.1	329.7	0.00	0.00	0.00	0.06	2.13	0.23	10.35	18.92	83.84	86.68	31-Mar-12 23:00:00	0.23	10.35	18.92	83.90	88.81
01-Apr-12 00:00:00	01-Apr-12 01:00:00	0.00	0.00	0.00	0.09	6.56	2.1	329.7	0.00	0.00	0.00	0.03	2.16	0.23	10.35	18.92	83.84	86.68	01-Apr-12 00:00:00	0.23	10.35	18.92	83.87	88.84
01-Apr-12 01:00:00	01-Apr-12 02:00:00	0.00	0.00	0.00	0.09	6.72	2.1	329.7	0.00	0.00	0.00	0.03	2.21	0.23	10.35	18.92	83.84	86.68	01-Apr-12 01:00:00	0.23	10.35	18.92	83.87	88.89
01-Apr-12 02:00:00	01-Apr-12 03:00:00	0.00	0.00	0.00	0.23	6.87	2.1	329.7	0.00	0.00	0.00	0.08	2.27	0.23	10.35	18.92	83.84	86.68	01-Apr-12 02:00:00	0.23	10.35	18.92	83.92	88.95
01-Apr-12 03:00:00	01-Apr-12 04:00:00	0.00	2.13	0.00	0.11	6.96	2.1	329.7	0.00	0.70	0.00	0.04	2.29	0.23	10.35	18.92	83.84	86.68	01-Apr-12 03:00:00	0.23	11.05	18.92	83.88	88.97
01-Apr-12 04:00:00	01-Apr-12 05:00:00	0.00	8.12	0.00	0.09	6.95	2.1	329.7	0.00	2.68	0.00	0.03	2.29	0.23	10.35	18.92	83.84	86.68	01-Apr-12 04:00:00	0.23	13.03	18.92	83.87	88.97
01-Apr-12 05:00:00	01-Apr-12 06:00:00	0.00	2.17	0.00	0.00	6.94	2.1	329.7	0.00	0.71	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Apr-12 05:00:00	0.23	11.06	18.92	83.84	88.97
01-Apr-12 06:00:00	01-Apr-12 07:00:00	0.00	4.79	0.00	0.00	6.93	2.1	329.7	0.00	1.58	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Apr-12 06:00:00	0.23	11.93	18.92	83.84	88.97
01-Apr-12 07:00:00	01-Apr-12 08:00:00	634.19	7.81	0.00	0.00	6.99	2.1	329.7	209.09	2.58	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Apr-12 07:00:00	209.32	12.93	18.92	83.84	88.98
01-Apr-12 08:00:00	01-Apr-12 09:00:00	1,642.24	2.69	0.00	0.00	6.98	2.1	329.7	541.44	0.89	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Apr-12 08:00:00	541.67	11.24	18.92	83.84	88.98
01-Apr-12 09:00:00	01-Apr-12 10:00:00	1,413.29	2.95	0.00	0.00	6.96	2.1	329.7	465.96	0.97	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Apr-12 09:00:00	466.19	11.32	18.92	83.84	88.98
01-Apr-12 10:00:00	01-Apr-12 11:00:00	1,377.31	3.02	80.34	0.00	6.95	2.1	329.7	454.10	1.00	26.49	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Apr-12 10:00:00	454.33	11.35	45.41	83.84	88.97
01-Apr-12 11:00:00	01-Apr-12 12:00:00	1,480.07	2.85	1,760.88	0.00	6.85	2.1	329.7	487.98	1.94	580.56	0.00	2.26	0.23	10.35	18.92	83.84	86.68	01-Apr-12 11:00:00	488.21	11.29	599.48	83.84	88.94
01-Apr-12 12:00:00	01-Apr-12 13:00:00	1,379.67	5.55	1,811.60	0.00	6.56	2.1	329.7	454.88	1.83	597.29	0.00	2.16	0.23	10.35	18.92	83.84	86.68	01-Apr-12 12:00:00	455.11	11.28	616.21	83.84	88.94
01-Apr-12 13:00:00	01-Apr-12 14:00:00	1,328.95	6.01	1,710.70	0.00	6.28	2.1	329.7	438.15	1.98	564.02	0.00	2.07	0.23	10.35	18.92	83.84	86.68	01-Apr-12 13:00:00	438.38	12.33	582.94	83.84	88.75
01-Apr-12 14:00:00	01-Apr-12 15:00:00	1,345.61	5.52	1,061.98	0.00																			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL NO. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL NO. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
03-Apr-12 01:00:00	03-Apr-12 02:00:00	1,174.15	8.14	20.98	0.07	6.94	2.1	329.7	387.12	2.68	6.92	0.02	2.29	0.23	10.35	18.92	83.84	86.68	03-Apr-12 01:00:00	387.35	13.03	25.84	83.86	88.97
03-Apr-12 02:00:00	03-Apr-12 03:00:00	1,136.18	5.73	16.03	0.00	7.19	2.1	329.7	374.60	1.89	5.29	0.00	2.37	0.23	10.35	18.92	83.84	86.68	03-Apr-12 02:00:00	374.83	12.24	24.21	83.84	89.05
03-Apr-12 03:00:00	03-Apr-12 04:00:00	1,141.43	4.36	0.00	0.00	7.24	2.1	329.7	376.33	1.44	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	03-Apr-12 03:00:00	376.56	11.79	18.92	83.84	89.07
03-Apr-12 04:00:00	03-Apr-12 05:00:00	1,547.26	3.59	0.00	0.00	7.31	2.1	329.7	510.13	1.18	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	03-Apr-12 04:00:00	510.36	11.53	18.92	83.84	89.09
03-Apr-12 05:00:00	03-Apr-12 06:00:00	1,845.65	1.67	0.00	0.00	7.38	2.1	329.7	608.51	0.55	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	03-Apr-12 05:00:00	608.74	10.90	18.92	83.84	89.11
03-Apr-12 06:00:00	03-Apr-12 07:00:00	1,653.40	3.62	0.00	0.00	7.46	2.1	329.7	545.13	1.19	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	03-Apr-12 06:00:00	545.36	11.54	18.92	83.84	89.14
03-Apr-12 07:00:00	03-Apr-12 08:00:00	1,471.11	3.71	0.00	0.00	7.42	2.1	329.7	485.02	1.22	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	03-Apr-12 07:00:00	485.25	11.57	18.92	83.84	89.13
03-Apr-12 08:00:00	03-Apr-12 09:00:00	1,143.71	5.19	0.00	0.00	7.12	2.1	329.7	377.08	1.71	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	03-Apr-12 08:00:00	377.31	12.06	18.92	83.84	89.03
03-Apr-12 09:00:00	03-Apr-12 10:00:00	1,214.46	3.59	0.00	0.00	6.82	2.1	329.7	400.41	1.19	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	03-Apr-12 09:00:00	400.64	11.54	18.92	83.84	88.93
03-Apr-12 10:00:00	03-Apr-12 11:00:00	1,629.95	2.31	171.35	160.69	6.51	2.1	329.7	537.39	0.76	56.49	52.98	2.15	0.23	10.35	18.92	83.84	86.68	03-Apr-12 10:00:00	537.62	11.11	75.41	136.82	88.83
03-Apr-12 11:00:00	03-Apr-12 12:00:00	1,845.62	8.58	183.97	273.26	6.28	2.1	329.7	608.50	2.83	60.65	90.09	2.07	0.23	10.35	18.92	83.84	86.68	03-Apr-12 11:00:00	608.73	13.18	79.57	173.93	88.75
03-Apr-12 12:00:00	03-Apr-12 13:00:00	1,592.55	2.24	182.15	342.52	6.10	2.1	329.7	525.06	0.74	60.06	112.93	2.01	0.23	10.35	18.92	83.84	86.68	03-Apr-12 12:00:00	525.29	11.09	78.98	196.77	88.69
03-Apr-12 13:00:00	03-Apr-12 14:00:00	1,329.19	2.95	244.99	97.93	5.91	2.1	329.7	438.23	0.97	80.77	32.29	1.95	0.23	10.35	18.92	83.84	86.68	03-Apr-12 13:00:00	438.46	11.32	99.69	116.13	88.63
03-Apr-12 14:00:00	03-Apr-12 15:00:00	1,214.81	1.64	353.80	0.00	5.73	2.1	329.7	400.52	0.54	116.65	0.00	1.89	0.23	10.35	18.92	83.84	86.68	03-Apr-12 14:00:00	400.75	10.89	135.57	83.84	88.57
03-Apr-12 15:00:00	03-Apr-12 16:00:00	1,406.32	1.10	333.35	0.07	5.69	2.1	329.7	463.66	0.36	109.91	0.00	1.88	0.23	10.35	18.92	83.84	86.68	03-Apr-12 15:00:00	463.89	10.71	128.83	83.86	88.56
03-Apr-12 16:00:00	03-Apr-12 17:00:00	1,487.10	0.56	320.92	0.00	5.54	2.1	329.7	490.30	0.19	105.81	0.00	1.83	0.23	10.35	18.92	83.84	86.68	03-Apr-12 16:00:00	490.53	10.54	124.73	83.84	88.51
03-Apr-12 17:00:00	03-Apr-12 18:00:00	1,106.89	0.08	0.00	0.03	5.37	2.1	329.7	364.94	0.03	0.00	0.01	1.77	0.23	10.35	18.92	83.84	86.68	03-Apr-12 17:00:00	365.17	10.38	18.92	83.85	88.45
03-Apr-12 18:00:00	03-Apr-12 19:00:00	739.23	0.00	37.70	0.43	5.21	2.1	329.7	243.73	0.00	12.43	0.14	1.72	0.23	10.35	18.92	83.84	86.68	03-Apr-12 18:00:00	243.96	10.35	31.35	83.86	88.40
03-Apr-12 19:00:00	03-Apr-12 20:00:00	4.30	0.00	143.82	0.21	5.33	2.1	329.7	1.42	0.00	47.42	0.07	1.76	0.23	10.35	18.92	83.84	86.68	03-Apr-12 19:00:00	1.65	10.35	66.34	83.91	88.44
03-Apr-12 20:00:00	03-Apr-12 21:00:00	0.00	0.00	140.68	0.07	5.67	2.1	329.7	0.00	0.00	46.38	0.02	1.87	0.23	10.35	18.92	83.84	86.68	03-Apr-12 20:00:00	0.23	10.35	65.30	83.86	88.55
03-Apr-12 21:00:00	03-Apr-12 22:00:00	0.00	0.05	152.24	0.00	6.01	2.1	329.7	0.00	0.02	50.19	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Apr-12 21:00:00	0.23	10.37	69.11	83.84	88.66
03-Apr-12 22:00:00	03-Apr-12 23:00:00	0.00	0.48	66.60	8.08	7.36	2.1	329.7	0.00	0.16	21.96	2.67	2.43	0.23	10.35	18.92	83.84	86.68	03-Apr-12 22:00:00	0.23	10.51	40.88	86.51	89.11
03-Apr-12 23:00:00	04-Apr-12 00:00:00	0.00	0.98	0.00	0.60	6.45	2.1	329.7	0.00	0.32	0.00	0.20	2.13	0.23	10.35	18.92	83.84	86.68	03-Apr-12 23:00:00	0.23	10.67	18.92	84.04	88.81
04-Apr-12 00:00:00	04-Apr-12 01:00:00	0.00	1.06	0.00	0.30	6.63	2.1	329.7	0.00	0.35	0.00	0.10	2.18	0.23	10.35	18.92	83.84	86.68	04-Apr-12 00:00:00	0.23	10.70	18.92	83.94	88.86
04-Apr-12 01:00:00	04-Apr-12 02:00:00	0.00	2.08	0.00	0.00	6.80	2.1	329.7	0.00	0.68	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Apr-12 01:00:00	0.23	11.03	18.92	83.84	88.92
04-Apr-12 02:00:00	04-Apr-12 03:00:00	0.00	2.38	0.00	0.00	6.93	2.1	329.7	0.00	0.79	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	04-Apr-12 02:00:00	0.23	11.14	18.92	83.84	88.96
04-Apr-12 03:00:00	04-Apr-12 04:00:00	0.00	1.09	0.00	0.00	6.86	2.1	329.7	0.00	0.36	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	04-Apr-12 03:00:00	0.23	10.71	18.92	83.84	88.94
04-Apr-12 04:00:00	04-Apr-12 05:00:00	0.00	0.73	0.00	0.00	6.82	2.1	329.7	0.00	0.24	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	04-Apr-12 04:00:00	0.23	10.59	18.92	83.84	88.93
04-Apr-12 05:00:00	04-Apr-12 06:00:00	0.00	2.86	0.00	0.00	6.77	2.1	329.7	0.00	0.94	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	04-Apr-12 05:00:00	0.23	11.29	18.92	83.84	88.91
04-Apr-12 06:00:00	04-Apr-12 07:00:00	0.00	2.15	0.00	0.00	6.69	2.1	329.7	0.00	0.71	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	04-Apr-12 06:00:00	0.23	11.06	18.92	83.84	88.89
04-Apr-12 07:00:00	04-Apr-12 08:00:00	0.00	3.49	0.00	0.00	6.55	2.1	329.7	0.00	1.15	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	04-Apr-12 07:00:00	0.23	11.50	18.92	83.84	88.84
04-Apr-12 08:00:00	04-Apr-12 09:00:00	0.00	9.73	0.00	0.00	6.50	2.1	329.7	0.00	3.21	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	04-Apr-12 08:00:00	0.23	13.56	18.92	83.84	88.82
04-Apr-12 09:00:00	04-Apr-12 10:00:00	0.00	16.25	0.00	90.73	6.45	2.1	329.7	0.00	5.36	0.00	29.91	2.13	0.23	10.35	18.92	83.84	86.68	04-Apr-12 09:00:00	0.23	15.71	18.92	113.75	88.81
04-Apr-12 10:00:00	04-Apr-12 11:00:00	0.00	10.43	0.00	0.05	6.40	2.1	329.7	0.00	3.44	0.00	0.02	2.11	0.23	10.35	18.92	83.84	86.68	04-Apr-12 10:00:00	0.23	13.79	18.92	83.86	88.79
04-Apr-12 11:00:00	04-Apr-12 12:00:00	0.00	0.21	38.22	0.07	6.08	2.1	329.7	0.00	0.07	12.60	0.02	2.01	0.23	10.35	18.92	83.84	86.68	04-Apr-12 11:00:00	0.23	10.42	31.52	83.86	88.69
04-Apr-12 12:00:00	04-Apr-12 13:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	04-Apr-12 12:00:00	0.23	10.35	18.92	83.84	88.52
04-Apr-12 13:00:00	04-Apr-12 14:00:00	0.00	0.91	0.00	0.00	5.10	2.1	329.7	0.00	0.30	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	04-Apr-12 13:00:00	0.23	10.65	18.92	83.84	88.36
04-Apr-12 14:00:00	04-Apr-12 15:00:00	0.00	8.35	3.94</																				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
06-Apr-12 01:00:00	06-Apr-12 02:00:00	0.00	5.62	0.00	0.00	7.96	2.1	329.7	0.00	1.85	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	06-Apr-12 01:00:00	0.23	12.20	18.92	83.84	89.31					
06-Apr-12 02:00:00	06-Apr-12 03:00:00	0.00	4.90	0.00	0.00	7.97	2.1	329.7	0.00	1.62	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	06-Apr-12 02:00:00	0.23	11.97	18.92	83.84	89.31					
06-Apr-12 03:00:00	06-Apr-12 04:00:00	0.00	8.23	0.00	0.00	8.01	2.1	329.7	0.00	2.71	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	06-Apr-12 03:00:00	0.23	13.06	18.92	83.84	89.32					
06-Apr-12 04:00:00	06-Apr-12 05:00:00	0.00	9.74	0.00	0.00	8.02	2.1	329.7	0.00	3.21	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	06-Apr-12 04:00:00	0.23	13.56	18.92	83.84	89.32					
06-Apr-12 05:00:00	06-Apr-12 06:00:00	0.00	17.54	0.00	0.00	8.03	2.1	329.7	0.00	5.78	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	06-Apr-12 05:00:00	0.23	16.13	18.92	83.84	89.33					
06-Apr-12 06:00:00	06-Apr-12 07:00:00	0.00	11.11	0.00	0.00	8.06	2.1	329.7	0.00	3.66	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	06-Apr-12 06:00:00	0.23	14.01	18.92	83.84	89.34					
06-Apr-12 07:00:00	06-Apr-12 08:00:00	0.00	10.24	0.00	0.00	8.10	2.1	329.7	0.00	3.38	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	06-Apr-12 07:00:00	0.23	13.73	18.92	83.84	89.35					
06-Apr-12 08:00:00	06-Apr-12 09:00:00	0.00	13.37	0.00	0.00	8.09	2.1	329.7	0.00	4.41	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	06-Apr-12 08:00:00	0.23	14.76	18.92	83.84	89.35					
06-Apr-12 09:00:00	06-Apr-12 10:00:00	0.00	27.57	0.00	0.00	8.07	2.1	329.7	0.00	9.09	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	06-Apr-12 09:00:00	0.23	19.44	18.92	83.84	89.34					
06-Apr-12 10:00:00	06-Apr-12 11:00:00	0.00	28.15	0.00	0.00	8.03	2.1	329.7	0.00	9.28	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	06-Apr-12 10:00:00	0.23	19.63	18.92	83.84	89.33					
06-Apr-12 11:00:00	06-Apr-12 12:00:00	0.00	27.46	0.00	0.00	7.77	2.1	329.7	0.00	9.05	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	06-Apr-12 11:00:00	0.23	19.40	18.92	83.84	89.24					
06-Apr-12 12:00:00	06-Apr-12 13:00:00	0.00	26.84	0.00	0.00	7.46	2.1	329.7	0.00	8.85	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	06-Apr-12 12:00:00	0.23	19.20	18.92	83.84	89.14					
06-Apr-12 13:00:00	06-Apr-12 14:00:00	0.00	11.85	0.00	0.00	7.16	2.1	329.7	0.00	3.91	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	06-Apr-12 13:00:00	0.23	14.26	18.92	83.84	89.04					
06-Apr-12 14:00:00	06-Apr-12 15:00:00	0.00	5.31	0.00	0.00	6.84	2.1	329.7	0.00	1.75	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	06-Apr-12 14:00:00	0.23	12.10	18.92	83.84	88.94					
06-Apr-12 15:00:00	06-Apr-12 16:00:00	0.00	6.15	0.00	0.00	6.62	2.1	329.7	0.00	2.03	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	06-Apr-12 15:00:00	0.23	12.38	18.92	83.84	88.86					
06-Apr-12 16:00:00	06-Apr-12 17:00:00	0.00	6.94	0.00	0.00	6.46	2.1	329.7	0.00	2.29	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	06-Apr-12 16:00:00	0.23	12.64	18.92	83.84	88.81					
06-Apr-12 17:00:00	06-Apr-12 18:00:00	0.00	6.88	0.00	0.00	6.30	2.1	329.7	0.00	2.27	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	06-Apr-12 17:00:00	0.23	12.62	18.92	83.84	88.76					
06-Apr-12 18:00:00	06-Apr-12 19:00:00	0.00	9.27	0.00	0.00	6.20	2.1	329.7	0.00	3.06	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	06-Apr-12 18:00:00	0.23	13.41	18.92	83.84	88.72					
06-Apr-12 19:00:00	06-Apr-12 20:00:00	0.00	5.66	0.00	0.00	6.45	2.1	329.7	0.00	1.87	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	06-Apr-12 19:00:00	0.23	12.22	18.92	83.84	88.81					
06-Apr-12 20:00:00	06-Apr-12 21:00:00	0.00	0.21	0.00	0.00	6.70	2.1	329.7	0.00	0.07	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	06-Apr-12 20:00:00	0.23	10.42	18.92	83.84	88.89					
06-Apr-12 21:00:00	06-Apr-12 22:00:00	0.00	3.37	0.00	0.00	6.95	2.1	329.7	0.00	1.11	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	06-Apr-12 21:00:00	0.23	11.46	18.92	83.84	88.97					
06-Apr-12 22:00:00	06-Apr-12 23:00:00	0.00	2.70	0.00	0.00	7.21	2.1	329.7	0.00	0.89	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	06-Apr-12 22:00:00	0.23	11.24	18.92	83.84	89.06					
06-Apr-12 23:00:00	07-Apr-12 00:00:00	0.00	0.37	0.00	0.00	7.36	2.1	329.7	0.00	0.12	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	06-Apr-12 23:00:00	0.23	10.47	18.92	83.84	89.13					
07-Apr-12 00:00:00	07-Apr-12 01:00:00	0.00	0.96	0.00	0.13	7.42	2.1	329.7	0.00	0.32	0.00	0.04	2.45	0.23	10.35	18.92	83.84	86.68	07-Apr-12 00:00:00	0.23	10.67	18.92	83.88	89.13					
07-Apr-12 01:00:00	07-Apr-12 02:00:00	0.00	3.19	0.00	0.00	7.47	2.1	329.7	0.00	1.05	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	07-Apr-12 01:00:00	0.23	11.40	18.92	83.84	89.14					
07-Apr-12 02:00:00	07-Apr-12 03:00:00	0.00	10.93	0.00	0.10	7.52	2.1	329.7	0.00	3.60	0.00	0.03	2.48	0.23	10.35	18.92	83.84	86.68	07-Apr-12 02:00:00	0.23	13.95	18.92	83.87	89.16					
07-Apr-12 03:00:00	07-Apr-12 04:00:00	0.00	7.02	0.00	0.00	7.60	2.1	329.7	0.00	2.31	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	07-Apr-12 03:00:00	0.23	12.66	18.92	83.84	89.19					
07-Apr-12 04:00:00	07-Apr-12 05:00:00	0.00	3.57	0.00	0.07	7.70	2.1	329.7	0.00	1.18	0.00	0.02	2.54	0.23	10.35	18.92	83.84	86.68	07-Apr-12 04:00:00	0.23	11.53	18.92	83.86	89.22					
07-Apr-12 05:00:00	07-Apr-12 06:00:00	0.00	23.33	0.00	0.00	7.80	2.1	329.7	0.00	7.69	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	07-Apr-12 05:00:00	0.23	18.04	18.92	83.84	89.25					
07-Apr-12 06:00:00	07-Apr-12 07:00:00	0.00	26.74	0.00	0.00	7.87	2.1	329.7	0.00	8.82	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	07-Apr-12 06:00:00	0.23	19.17	18.92	83.84	89.28					
07-Apr-12 07:00:00	07-Apr-12 08:00:00	0.00	27.93	0.00	0.00	7.69	2.1	329.7	0.00	9.21	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	07-Apr-12 07:00:00	0.23	19.56	18.92	83.84	89.22					
07-Apr-12 08:00:00	07-Apr-12 09:00:00	0.00	26.87	0.00	0.00	7.46	2.1	329.7	0.00	8.86	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	07-Apr-12 08:00:00	0.23	19.21	18.92	83.84	89.14					
07-Apr-12 09:00:00	07-Apr-12 10:00:00	0.00	23.31	0.00	0.00	7.23	2.1	329.7	0.00	7.69	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	07-Apr-12 09:00:00	0.23	18.04	18.92	83.84	89.06					
07-Apr-12 10:00:00	07-Apr-12 11:00:00	0.00	15.38	0.00	0.00	6.99	2.1	329.7	0.00	5.07	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	07-Apr-12 10:00:00	0.23	15.42	18.92	83.84	88.96					
07-Apr-12 11:00:00	07-Apr-12 12:00:00	0.00	4.39	0.00	0.00	6.72	2.1	329.7	0.00	1.45	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	07-Apr-12 11:00:00	0.23	11.80	18.92	83.84	88.90					
07-Apr-12 12:00:00	07-Apr-12 13:00:00	0.00	4.25	0.00	0.00	6.46	2.1	329.7	0.00	1.40	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	07-Apr-12 12:00:00	0.23	11.75	18.92	83.84	88.81					
07-Apr-12 13:00:00	07-Apr-12 14:00:00	0.00	1.95	0.00	0.00	6.20	2.1	329.7	0.00	0.60	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	07-Apr-12 13:00:00	0.23	10.99	18.92	83.84	88.73					
07-Apr-12 14:00:00	07-Apr-12 15:00:00	0.00	5.22	0.00	0.00	5.94	2.1	329.7	0.00	1.74	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	07-Apr-12 14:00:00	0.23	12.07	18.92	83.84	88.64					
07-Apr-12 15:00:00	07-Apr-12 16:00:00	0.00	8.73	0.00	0.00	5.74	2.1	329.7	0.00	2.88	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	07-Apr-12 15:00:00	0.23	13.23	18.92	83.84	88.57					
07-Apr-12 16:00:00	07-Apr-12 17:00:00	0.00	10.10	0.00	0.00	5.58	2.1	329.7	0.00	3.33	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	07-Apr-12 16:00:00	0.23	13.68	18.92	83.84	88.52					
07-Apr-12 17:00:00	07-Apr-12 18:00:00	0.00	11.52	0.00	0.00	5.43	2.1	329.7	0.00	3.80	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	07-Apr-12 17:00:00	0.23	14.15	18.92	83.84	88.47					
07-Apr-12 18:00:00	07-Apr-12 19:00																												

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
09-Apr-12 01:00:00	09-Apr-12 02:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	09-Apr-12 01:00:00	0.23	10.35	18.92	83.84	88.72
09-Apr-12 02:00:00	09-Apr-12 03:00:00	0.00	4.82	0.00	0.00	6.32	2.1	329.7	0.00	1.59	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	09-Apr-12 02:00:00	0.23	11.94	18.92	83.84	88.76
09-Apr-12 03:00:00	09-Apr-12 04:00:00	0.00	8.19	0.00	0.00	6.51	2.1	329.7	0.00	2.70	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	09-Apr-12 03:00:00	0.23	13.05	18.92	83.84	88.83
09-Apr-12 04:00:00	09-Apr-12 05:00:00	0.00	4.77	0.00	0.00	6.74	2.1	329.7	0.00	1.57	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	09-Apr-12 04:00:00	0.23	11.92	18.92	83.84	88.90
09-Apr-12 05:00:00	09-Apr-12 06:00:00	0.00	1.07	0.00	0.00	6.97	2.1	329.7	0.00	0.35	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	09-Apr-12 05:00:00	0.23	10.70	18.92	83.84	88.98
09-Apr-12 06:00:00	09-Apr-12 07:00:00	0.00	2.02	0.00	0.06	7.17	2.1	329.7	0.00	0.67	0.00	0.02	2.36	0.23	10.35	18.92	83.84	86.68	09-Apr-12 06:00:00	0.23	11.02	18.92	83.84	89.04
09-Apr-12 07:00:00	09-Apr-12 08:00:00	0.00	1.63	0.00	0.00	7.04	2.1	329.7	0.00	0.54	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	09-Apr-12 07:00:00	0.23	10.89	18.92	83.84	89.00
09-Apr-12 08:00:00	09-Apr-12 09:00:00	0.00	0.76	0.00	0.00	6.84	2.1	329.7	0.00	0.25	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	09-Apr-12 08:00:00	0.23	10.60	18.92	83.84	88.93
09-Apr-12 09:00:00	09-Apr-12 10:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	09-Apr-12 09:00:00	0.23	10.35	18.92	83.84	88.87
09-Apr-12 10:00:00	09-Apr-12 11:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	09-Apr-12 10:00:00	0.23	10.35	18.92	83.84	88.80
09-Apr-12 11:00:00	09-Apr-12 12:00:00	0.00	0.50	0.00	0.09	6.23	2.1	329.7	0.00	0.16	0.00	0.03	2.05	0.23	10.35	18.92	83.84	86.68	09-Apr-12 11:00:00	0.23	10.51	18.92	83.84	88.73
09-Apr-12 12:00:00	09-Apr-12 13:00:00	0.00	5.87	0.00	0.00	6.06	2.1	329.7	0.00	1.94	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	09-Apr-12 12:00:00	0.23	12.29	18.92	83.84	88.68
09-Apr-12 13:00:00	09-Apr-12 14:00:00	0.00	14.99	0.00	0.00	5.89	2.1	329.7	0.00	4.94	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	09-Apr-12 13:00:00	0.23	15.29	18.92	83.84	88.62
09-Apr-12 14:00:00	09-Apr-12 15:00:00	0.00	4.96	0.00	0.00	5.76	2.1	329.7	0.00	1.64	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Apr-12 14:00:00	0.23	11.99	18.92	83.84	88.58
09-Apr-12 15:00:00	09-Apr-12 16:00:00	0.00	1.51	0.00	0.00	5.76	2.1	329.7	0.00	0.50	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Apr-12 15:00:00	0.23	10.85	18.92	83.84	88.58
09-Apr-12 16:00:00	09-Apr-12 17:00:00	0.00	1.66	0.00	0.00	5.68	2.1	329.7	0.00	0.55	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	09-Apr-12 16:00:00	0.23	10.90	18.92	83.84	88.55
09-Apr-12 17:00:00	09-Apr-12 18:00:00	0.00	1.11	0.00	0.00	5.60	2.1	329.7	0.00	0.36	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	09-Apr-12 17:00:00	0.23	10.71	18.92	83.84	88.53
09-Apr-12 18:00:00	09-Apr-12 19:00:00	0.00	0.55	0.00	0.00	5.53	2.1	329.7	0.00	0.18	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	09-Apr-12 18:00:00	0.23	10.53	18.92	83.84	88.50
09-Apr-12 19:00:00	09-Apr-12 20:00:00	0.00	0.07	0.00	0.00	5.67	2.1	329.7	0.00	0.02	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	09-Apr-12 19:00:00	0.23	10.37	18.92	83.84	88.55
09-Apr-12 20:00:00	09-Apr-12 21:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	09-Apr-12 20:00:00	0.23	10.35	18.92	83.84	88.62
09-Apr-12 21:00:00	09-Apr-12 22:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	09-Apr-12 21:00:00	0.23	10.35	18.92	83.84	88.70
09-Apr-12 22:00:00	09-Apr-12 23:00:00	0.00	0.36	0.00	0.00	6.34	2.1	329.7	0.00	0.12	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	09-Apr-12 22:00:00	0.23	10.47	18.92	83.84	88.77
09-Apr-12 23:00:00	10-Apr-12 00:00:00	0.00	3.18	0.00	0.00	6.52	2.1	329.7	0.00	1.05	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	09-Apr-12 23:00:00	0.23	11.40	18.92	83.84	88.83
10-Apr-12 00:00:00	10-Apr-12 01:00:00	0.00	1.57	0.00	0.00	6.64	2.1	329.7	0.00	0.52	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	10-Apr-12 00:00:00	0.23	10.87	18.92	83.84	88.87
10-Apr-12 01:00:00	10-Apr-12 02:00:00	0.00	1.90	0.00	0.00	6.75	2.1	329.7	0.00	0.63	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	10-Apr-12 01:00:00	0.23	10.98	18.92	83.84	88.91
10-Apr-12 02:00:00	10-Apr-12 03:00:00	0.00	3.83	0.00	0.00	6.87	2.1	329.7	0.00	1.26	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	10-Apr-12 02:00:00	0.23	11.61	18.92	83.84	88.94
10-Apr-12 03:00:00	10-Apr-12 04:00:00	0.00	7.16	0.00	0.00	6.87	2.1	329.7	0.00	2.36	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	10-Apr-12 03:00:00	0.23	12.71	18.92	83.84	88.94
10-Apr-12 04:00:00	10-Apr-12 05:00:00	0.00	2.33	0.00	0.00	6.82	2.1	329.7	0.00	0.77	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	10-Apr-12 04:00:00	0.23	11.12	18.92	83.84	88.93
10-Apr-12 05:00:00	10-Apr-12 06:00:00	0.00	1.22	0.00	0.00	6.77	2.1	329.7	0.00	0.40	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	10-Apr-12 05:00:00	0.23	10.75	18.92	83.84	88.91
10-Apr-12 06:00:00	10-Apr-12 07:00:00	0.00	1.87	0.00	0.00	6.77	2.1	329.7	0.00	0.62	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	10-Apr-12 06:00:00	0.23	10.97	18.92	83.84	88.91
10-Apr-12 07:00:00	10-Apr-12 08:00:00	0.00	2.89	0.00	0.00	6.80	2.1	329.7	0.00	0.95	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	10-Apr-12 07:00:00	0.23	11.30	18.92	83.84	88.92
10-Apr-12 08:00:00	10-Apr-12 09:00:00	0.00	3.22	0.00	0.00	6.72	2.1	329.7	0.00	1.06	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	10-Apr-12 08:00:00	0.23	11.41	18.92	83.84	88.90
10-Apr-12 09:00:00	10-Apr-12 10:00:00	0.00	0.88	0.00	0.00	6.64	2.1	329.7	0.00	0.29	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	10-Apr-12 09:00:00	0.23	10.64	18.92	83.84	88.87
10-Apr-12 10:00:00	10-Apr-12 11:00:00	0.00	2.23	0.00	0.00	6.52	2.1	329.7	0.00	0.73	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	10-Apr-12 10:00:00	0.23	11.08	18.92	83.84	88.83
10-Apr-12 11:00:00	10-Apr-12 12:00:00	0.00	7.28	0.00	0.00	6.27	2.1	329.7	0.00	2.40	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	10-Apr-12 11:00:00	0.23	12.75	18.92	83.84	88.75
10-Apr-12 12:00:00	10-Apr-12 13:00:00	0.00	2.35	0.00	0.00	6.12	2.1	329.7	0.00	0.78	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	10-Apr-12 12:00:00	0.23	11.13	18.92	83.84	88.70
10-Apr-12 13:00:00	10-Apr-12 14:00:00	0.00	0.00	0.00	0.44	5.96	2.1	329.7	0.00	0.04	0.00	0.14	1.97	0.23	10.35	18.92	83.84	86.68	10-Apr-12 13:00:00	0.23	10.35	18.92	83.84	88.65
10-Apr-12 14:00:00	10-Apr-12 15:00:00	0.00	0.12	0.00	0.40	5.87	2.1	329.7	0.00	0.04	0.00	0.13	1.94	0.23	10.35	18.92	83.84	86.68	10-Apr-12 14:00:00	0.23	10.39	18.92	83.84	88.62
10-Apr-12 15:00:00	10-Apr-12 16:00:00	0.00	0.00	0.00	0.80	5.88	2.1	329.7	0.00	0.00	0.26	1.94	1.94	0.23	10.35	18.92	83.84	86.68	10-Apr-12 15:00:00	0.23	10.35	18.92	83.84	88.62
10-Apr-12 16:00:00	10-Apr-12 17:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	10-Apr-12 16:00:00	0.23	10.35	18.92	83.84	88.57
10-Apr-12 17:00:00	10-Apr-12 18:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	10-Apr-12 17:00:00	0.23	10.35	18.92	83.84	88.53
10-Apr-12 18:00:00	10-Apr-12 19:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	10-Apr-12 18:00:00	0.				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
12-Apr-12 01:00:00	12-Apr-12 02:00:00	0.00	25.88	0.00	0.00	7.97	2.1	329.7	0.00	8.53	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	12-Apr-12 01:00:00	0.23	18.88	18.92	83.84	89.31					
12-Apr-12 02:00:00	12-Apr-12 03:00:00	0.00	28.52	0.00	0.00	8.10	2.1	329.7	0.00	9.40	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	12-Apr-12 02:00:00	0.23	19.75	18.92	83.84	89.35					
12-Apr-12 03:00:00	12-Apr-12 04:00:00	0.00	23.32	0.00	0.00	8.00	2.1	329.7	0.00	7.69	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	12-Apr-12 03:00:00	0.23	18.04	18.92	83.84	89.32					
12-Apr-12 04:00:00	12-Apr-12 05:00:00	0.00	18.09	0.00	0.00	7.90	2.1	329.7	0.00	5.96	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	12-Apr-12 04:00:00	0.23	16.31	18.92	83.84	89.29					
12-Apr-12 05:00:00	12-Apr-12 06:00:00	0.00	22.54	0.00	0.00	7.81	2.1	329.7	0.00	7.43	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	12-Apr-12 05:00:00	0.23	17.78	18.92	83.84	89.26					
12-Apr-12 06:00:00	12-Apr-12 07:00:00	0.00	24.80	0.00	0.00	7.71	2.1	329.7	0.00	8.18	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	12-Apr-12 06:00:00	0.23	18.53	18.92	83.84	89.22					
12-Apr-12 07:00:00	12-Apr-12 08:00:00	0.00	24.66	0.00	0.00	7.57	2.1	329.7	0.00	8.13	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	12-Apr-12 07:00:00	0.23	18.48	18.92	83.84	89.18					
12-Apr-12 08:00:00	12-Apr-12 09:00:00	0.00	23.44	0.00	0.00	167.71	2.1	329.7	0.00	7.73	0.00	0.00	55.29	0.23	10.35	18.92	83.84	86.68	12-Apr-12 08:00:00	0.23	18.08	18.92	83.84	141.97					
12-Apr-12 09:00:00	12-Apr-12 10:00:00	0.00	13.87	0.00	0.00	198.02	2.1	329.7	0.00	4.57	0.00	0.00	65.29	0.23	10.35	18.92	83.84	86.68	12-Apr-12 09:00:00	0.23	14.92	18.92	83.84	151.97					
12-Apr-12 10:00:00	12-Apr-12 11:00:00	0.00	9.69	0.00	0.00	6.71	2.1	329.7	0.00	3.20	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	12-Apr-12 10:00:00	0.23	13.55	18.92	83.84	88.89					
12-Apr-12 11:00:00	12-Apr-12 12:00:00	0.00	20.21	0.00	0.00	6.54	2.1	329.7	0.00	6.66	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	12-Apr-12 11:00:00	0.23	17.01	18.92	83.84	88.84					
12-Apr-12 12:00:00	12-Apr-12 13:00:00	0.00	11.74	0.00	0.00	6.37	2.1	329.7	0.00	3.87	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	12-Apr-12 12:00:00	0.23	14.22	18.92	83.84	88.78					
12-Apr-12 13:00:00	12-Apr-12 14:00:00	0.00	1.02	0.00	0.00	6.21	2.1	329.7	0.00	0.34	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	12-Apr-12 13:00:00	0.23	10.69	18.92	83.84	88.73					
12-Apr-12 14:00:00	12-Apr-12 15:00:00	0.00	8.38	0.00	0.00	6.11	2.1	329.7	0.00	2.76	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	12-Apr-12 14:00:00	0.23	13.11	18.92	83.84	88.70					
12-Apr-12 15:00:00	12-Apr-12 16:00:00	0.00	8.80	0.00	0.13	5.99	2.1	329.7	0.00	2.90	0.00	0.04	1.97	0.23	10.35	18.92	83.84	86.68	12-Apr-12 15:00:00	0.23	13.25	18.92	83.84	88.65					
12-Apr-12 16:00:00	12-Apr-12 17:00:00	0.00	1.01	0.00	0.00	5.87	2.1	329.7	0.00	0.33	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	12-Apr-12 16:00:00	0.23	10.68	18.92	83.84	88.61					
12-Apr-12 17:00:00	12-Apr-12 18:00:00	0.00	1.97	0.00	0.00	5.75	2.1	329.7	0.00	0.65	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	12-Apr-12 17:00:00	0.23	11.00	18.92	83.84	88.58					
12-Apr-12 18:00:00	12-Apr-12 19:00:00	0.00	0.22	0.00	0.00	5.86	2.1	329.7	0.00	0.07	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	12-Apr-12 18:00:00	0.23	10.42	18.92	83.84	88.61					
12-Apr-12 19:00:00	12-Apr-12 20:00:00	0.00	2.48	0.00	0.00	6.02	2.1	329.7	0.00	0.82	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Apr-12 19:00:00	0.23	11.17	18.92	83.84	88.66					
12-Apr-12 20:00:00	12-Apr-12 21:00:00	0.00	2.50	0.00	0.00	6.17	2.1	329.7	0.00	0.82	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	12-Apr-12 20:00:00	0.23	11.17	18.92	83.84	88.72					
12-Apr-12 21:00:00	12-Apr-12 22:00:00	0.00	1.13	0.00	0.00	6.33	2.1	329.7	0.00	0.37	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Apr-12 21:00:00	0.23	10.72	18.92	83.84	88.77					
12-Apr-12 22:00:00	12-Apr-12 23:00:00	0.00	2.62	0.00	0.00	6.67	2.1	329.7	0.00	0.86	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	12-Apr-12 22:00:00	0.23	11.21	18.92	83.84	88.88					
12-Apr-12 23:00:00	13-Apr-12 00:00:00	0.00	2.54	0.00	0.00	7.10	2.1	329.7	0.00	0.84	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	12-Apr-12 23:00:00	0.23	11.19	18.92	83.84	89.02					
13-Apr-12 00:00:00	13-Apr-12 01:00:00	0.00	6.46	0.00	0.00	7.52	2.1	329.7	0.00	2.13	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	13-Apr-12 00:00:00	0.23	12.48	18.92	83.84	89.16					
13-Apr-12 01:00:00	13-Apr-12 02:00:00	0.00	6.95	0.00	0.00	7.95	2.1	329.7	0.00	2.29	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	13-Apr-12 01:00:00	0.23	12.64	18.92	83.84	89.30					
13-Apr-12 02:00:00	13-Apr-12 03:00:00	0.00	0.74	0.00	0.00	8.13	2.1	329.7	0.00	0.25	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	13-Apr-12 02:00:00	0.23	10.60	18.92	83.84	89.36					
13-Apr-12 03:00:00	13-Apr-12 04:00:00	0.00	1.86	0.00	0.00	8.12	2.1	329.7	0.00	0.61	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	13-Apr-12 03:00:00	0.23	10.96	18.92	83.84	89.36					
13-Apr-12 04:00:00	13-Apr-12 05:00:00	0.00	4.25	0.00	0.00	8.11	2.1	329.7	0.00	1.40	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	13-Apr-12 04:00:00	0.23	11.75	18.92	83.84	89.35					
13-Apr-12 05:00:00	13-Apr-12 06:00:00	0.00	20.31	0.00	0.00	8.09	2.1	329.7	0.00	6.70	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	13-Apr-12 05:00:00	0.23	17.05	18.92	83.84	89.35					
13-Apr-12 06:00:00	13-Apr-12 07:00:00	0.00	26.35	0.00	0.00	7.90	2.1	329.7	0.00	8.69	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	13-Apr-12 06:00:00	0.23	19.04	18.92	83.84	89.28					
13-Apr-12 07:00:00	13-Apr-12 08:00:00	0.00	26.60	0.00	0.00	7.62	2.1	329.7	0.00	8.77	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	13-Apr-12 07:00:00	0.23	19.12	18.92	83.84	89.19					
13-Apr-12 08:00:00	13-Apr-12 09:00:00	0.00	30.94	0.00	0.00	7.35	2.1	329.7	0.00	10.20	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	13-Apr-12 08:00:00	0.23	20.55	18.92	83.84	89.10					
13-Apr-12 09:00:00	13-Apr-12 10:00:00	0.00	18.56	0.00	0.00	7.07	2.1	329.7	0.00	6.12	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	13-Apr-12 09:00:00	0.23	16.47	18.92	83.84	89.01					
13-Apr-12 10:00:00	13-Apr-12 11:00:00	0.00	9.25	0.00	0.00	6.70	2.1	329.7	0.00	3.05	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	13-Apr-12 10:00:00	0.23	13.40	18.92	83.84	88.89					
13-Apr-12 11:00:00	13-Apr-12 12:00:00	0.00	6.49	0.00	0.00	6.27	2.1	329.7	0.00	2.14	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	13-Apr-12 11:00:00	0.23	12.49	18.92	83.84	88.75					
13-Apr-12 12:00:00	13-Apr-12 13:00:00	0.00	1.48	0.00	0.00	5.84	2.1	329.7	0.00	0.49	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	13-Apr-12 12:00:00	0.23	10.84	18.92	83.84	88.60					
13-Apr-12 13:00:00	13-Apr-12 14:00:00	0.00	2.39	0.00	0.00	5.41	2.1	329.7	0.00	0.79	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	13-Apr-12 13:00:00	0.23	11.14	18.92	83.84	88.46					
13-Apr-12 14:00:00	13-Apr-12 15:00:00	0.00	1.91	0.00	0.00	5.28	2.1	329.7	0.00	0.63	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	13-Apr-12 14:00:00	0.23	10.98	18.92	83.84	88.42					
13-Apr-12 15:00:00	13-Apr-12 16:00:00	0.00	1.82	0.00	0.00	5.26	2.1	329.7	0.00	0.60	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	13-Apr-12 15:00:00	0.23	10.95	18.92	83.84	88.41					
13-Apr-12 16:00:00	13-Apr-12 17:00:00	0.00	3.62	0.00	0.00	5.23	2.1	329.7	0.00	1.19	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	13-Apr-12 16:00:00	0.23	11.54	18.92	83.84	88.40					
13-Apr-12 17:00:00	13-Apr-12 18:00:00	0.00	9.90	0.00	0.00	5.20	2.1	329.7	0.00	3.26	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	13-Apr-12 17:00:00	0.23	13.61	18.92	83.84	88.39					
13-Apr-12 18:00:00	13-Apr-																												

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
15-Apr-12 01:00:00	15-Apr-12 02:00:00	0.00	5.05	0.00	0.00	6.19	2.1	329.7	0.00	1.67	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	15-Apr-12 01:00:00	0.23	12.02	18.92	83.84	88.72
15-Apr-12 02:00:00	15-Apr-12 03:00:00	0.00	3.29	0.00	0.00	6.36	2.1	329.7	0.00	1.09	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	15-Apr-12 02:00:00	0.23	11.44	18.92	83.84	88.78
15-Apr-12 03:00:00	15-Apr-12 04:00:00	0.00	1.18	0.00	0.00	6.35	2.1	329.7	0.00	0.39	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Apr-12 03:00:00	0.23	10.74	18.92	83.84	88.77
15-Apr-12 04:00:00	15-Apr-12 05:00:00	0.00	1.04	0.00	0.00	6.35	2.1	329.7	0.00	0.34	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Apr-12 04:00:00	0.23	10.69	18.92	83.84	88.77
15-Apr-12 05:00:00	15-Apr-12 06:00:00	0.00	1.92	0.00	0.00	6.35	2.1	329.7	0.00	0.63	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Apr-12 05:00:00	0.23	10.98	18.92	83.84	88.77
15-Apr-12 06:00:00	15-Apr-12 07:00:00	0.00	1.27	0.00	0.00	6.38	2.1	329.7	0.00	0.42	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	15-Apr-12 06:00:00	0.23	10.77	18.92	83.84	88.78
15-Apr-12 07:00:00	15-Apr-12 08:00:00	0.00	0.78	0.00	0.00	6.35	2.1	329.7	0.00	0.26	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Apr-12 07:00:00	0.23	10.61	18.92	83.84	88.77
15-Apr-12 08:00:00	15-Apr-12 09:00:00	0.00	0.30	0.00	0.00	6.32	2.1	329.7	0.00	0.10	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	15-Apr-12 08:00:00	0.23	10.45	18.92	83.84	88.76
15-Apr-12 09:00:00	15-Apr-12 10:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	15-Apr-12 09:00:00	0.23	10.35	18.92	83.84	88.75
15-Apr-12 10:00:00	15-Apr-12 11:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	15-Apr-12 10:00:00	0.23	10.35	18.92	83.84	88.71
15-Apr-12 11:00:00	15-Apr-12 12:00:00	0.00	0.80	0.00	0.00	5.86	2.1	329.7	0.00	0.26	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	15-Apr-12 11:00:00	0.23	10.61	18.92	83.84	88.61
15-Apr-12 12:00:00	15-Apr-12 13:00:00	0.00	2.56	0.00	0.00	5.55	2.1	329.7	0.00	0.84	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	15-Apr-12 12:00:00	0.23	11.19	18.92	83.84	88.51
15-Apr-12 13:00:00	15-Apr-12 14:00:00	0.00	4.25	0.00	0.00	5.25	2.1	329.7	0.00	1.40	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	15-Apr-12 13:00:00	0.23	11.75	18.92	83.84	88.41
15-Apr-12 14:00:00	15-Apr-12 15:00:00	0.00	1.44	0.00	0.00	5.19	2.1	329.7	0.00	0.48	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Apr-12 14:00:00	0.23	10.83	18.92	83.84	88.39
15-Apr-12 15:00:00	15-Apr-12 16:00:00	0.00	0.00	0.00	0.00	5.04	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	15-Apr-12 15:00:00	0.23	10.35	18.92	83.84	88.34
15-Apr-12 16:00:00	15-Apr-12 17:00:00	0.00	0.72	0.00	0.00	4.88	2.1	329.7	0.00	0.24	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	15-Apr-12 16:00:00	0.23	10.59	18.92	83.84	88.29
15-Apr-12 17:00:00	15-Apr-12 18:00:00	0.00	8.17	0.00	0.00	4.73	2.1	329.7	0.00	2.69	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	15-Apr-12 17:00:00	0.23	13.04	18.92	83.84	88.24
15-Apr-12 18:00:00	15-Apr-12 19:00:00	0.00	2.70	0.00	0.00	4.84	2.1	329.7	0.00	0.89	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	15-Apr-12 18:00:00	0.23	11.24	18.92	83.84	88.27
15-Apr-12 19:00:00	15-Apr-12 20:00:00	0.00	2.09	0.00	0.00	4.95	2.1	329.7	0.00	0.69	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	15-Apr-12 19:00:00	0.23	11.04	18.92	83.84	88.31
15-Apr-12 20:00:00	15-Apr-12 21:00:00	0.00	3.42	0.00	0.00	5.06	2.1	329.7	0.00	1.13	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	15-Apr-12 20:00:00	0.23	11.48	18.92	83.84	88.35
15-Apr-12 21:00:00	15-Apr-12 22:00:00	0.00	5.24	0.00	0.17	5.17	2.1	329.7	0.00	1.73	0.00	0.06	1.70	0.23	10.35	18.92	83.84	86.68	15-Apr-12 21:00:00	0.23	12.08	18.92	83.84	88.38
15-Apr-12 22:00:00	15-Apr-12 23:00:00	0.00	2.88	0.00	0.00	5.31	2.1	329.7	0.00	0.95	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	15-Apr-12 22:00:00	0.23	11.30	18.92	83.84	88.43
15-Apr-12 23:00:00	16-Apr-12 00:00:00	0.00	1.53	0.00	0.00	5.45	2.1	329.7	0.00	0.50	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	15-Apr-12 23:00:00	0.23	10.85	18.92	83.84	88.48
16-Apr-12 00:00:00	16-Apr-12 01:00:00	0.00	1.99	0.00	0.00	5.60	2.1	329.7	0.00	0.66	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	16-Apr-12 00:00:00	0.23	11.01	18.92	83.84	88.53
16-Apr-12 01:00:00	16-Apr-12 02:00:00	0.00	2.45	0.00	0.00	5.74	2.1	329.7	0.00	0.81	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	16-Apr-12 01:00:00	0.23	11.16	18.92	83.84	88.57
16-Apr-12 02:00:00	16-Apr-12 03:00:00	0.00	0.80	0.00	0.00	5.93	2.1	329.7	0.00	0.26	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	16-Apr-12 02:00:00	0.23	10.61	18.92	83.84	88.64
16-Apr-12 03:00:00	16-Apr-12 04:00:00	0.00	0.06	0.00	0.00	6.08	2.1	329.7	0.00	0.02	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	16-Apr-12 03:00:00	0.23	10.37	18.92	83.84	88.68
16-Apr-12 04:00:00	16-Apr-12 05:00:00	0.00	8.50	0.00	0.00	6.23	2.1	329.7	0.00	2.80	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	16-Apr-12 04:00:00	0.23	13.15	18.92	83.84	88.73
16-Apr-12 05:00:00	16-Apr-12 06:00:00	0.00	9.14	0.00	0.00	6.37	2.1	329.7	0.00	3.01	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	16-Apr-12 05:00:00	0.23	13.36	18.92	83.84	88.78
16-Apr-12 06:00:00	16-Apr-12 07:00:00	0.00	13.90	0.00	0.00	6.34	2.1	329.7	0.00	4.58	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	16-Apr-12 06:00:00	0.23	14.93	18.92	83.84	88.77
16-Apr-12 07:00:00	16-Apr-12 08:00:00	0.00	12.93	0.00	0.00	6.32	2.1	329.7	0.00	4.26	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	16-Apr-12 07:00:00	0.23	14.61	18.92	83.84	88.76
16-Apr-12 08:00:00	16-Apr-12 09:00:00	0.00	10.64	0.00	0.00	6.31	2.1	329.7	0.00	3.51	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	16-Apr-12 08:00:00	0.23	13.86	18.92	83.84	88.76
16-Apr-12 09:00:00	16-Apr-12 10:00:00	0.00	9.29	0.00	0.00	6.29	2.1	329.7	0.00	3.06	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	16-Apr-12 09:00:00	0.23	13.41	18.92	83.84	88.75
16-Apr-12 10:00:00	16-Apr-12 11:00:00	0.00	9.10	0.00	0.00	6.15	2.1	329.7	0.00	3.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	16-Apr-12 10:00:00	0.23	13.35	18.92	83.84	88.71
16-Apr-12 11:00:00	16-Apr-12 12:00:00	0.00	1.81	0.00	0.12	5.87	2.1	329.7	0.00	0.60	0.00	0.04	1.94	0.23	10.35	18.92	83.84	86.68	16-Apr-12 11:00:00	0.23	10.95	18.92	83.84	88.62
16-Apr-12 12:00:00	16-Apr-12 13:00:00	0.00	1.10	0.00	0.00	5.60	2.1	329.7	0.00	0.36	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	16-Apr-12 12:00:00	0.23	10.71	18.92	83.84	88.53
16-Apr-12 13:00:00	16-Apr-12 14:00:00	0.00	1.06	0.00	0.00	5.33	2.1	329.7	0.00	0.35	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	16-Apr-12 13:00:00	0.23	10.70	18.92	83.84	88.44
16-Apr-12 14:00:00	16-Apr-12 15:00:00	0.00	9.16	0.00	0.00	5.14	2.1	329.7	0.00	3.02	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	16-Apr-12 14:00:00	0.23	13.37	18.92	83	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
18-Apr-12 01:00:00	18-Apr-12 02:00:00	0.00	633.69	0.00	0.08	6.17	2.1	329.7	0.00	208.93	0.00	0.03	2.04	0.23	10.35	18.92	83.84	86.68	18-Apr-12 01:00:00	0.23	219.28	18.92	83.87	88.72					
18-Apr-12 02:00:00	18-Apr-12 03:00:00	0.00	571.37	0.00	0.00	6.40	2.1	329.7	0.00	188.38	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	18-Apr-12 02:00:00	0.23	198.73	18.92	83.84	88.79					
18-Apr-12 03:00:00	18-Apr-12 04:00:00	0.00	384.46	0.00	0.00	6.63	2.1	329.7	0.00	126.76	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	18-Apr-12 03:00:00	0.23	137.11	18.92	83.84	88.87					
18-Apr-12 04:00:00	18-Apr-12 05:00:00	0.00	302.21	0.00	0.00	6.85	2.1	329.7	0.00	99.64	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	18-Apr-12 04:00:00	0.23	109.99	18.92	83.84	88.94					
18-Apr-12 05:00:00	18-Apr-12 06:00:00	0.00	17.39	0.00	0.00	6.90	2.1	329.7	0.00	5.73	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Apr-12 05:00:00	0.23	16.08	18.92	83.84	88.96					
18-Apr-12 06:00:00	18-Apr-12 07:00:00	0.00	25.03	0.00	0.00	6.91	2.1	329.7	0.00	8.25	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Apr-12 06:00:00	0.23	18.60	18.92	83.84	88.96					
18-Apr-12 07:00:00	18-Apr-12 08:00:00	0.00	18.95	0.00	0.00	6.91	2.1	329.7	0.00	6.25	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Apr-12 07:00:00	0.23	16.60	18.92	83.84	88.96					
18-Apr-12 08:00:00	18-Apr-12 09:00:00	0.00	18.24	0.00	0.00	6.93	2.1	329.7	0.00	6.01	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Apr-12 08:00:00	0.23	16.36	18.92	83.84	88.96					
18-Apr-12 09:00:00	18-Apr-12 10:00:00	0.00	18.24	0.00	0.00	6.89	2.1	329.7	0.00	6.01	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	18-Apr-12 09:00:00	0.23	16.36	18.92	83.84	88.95					
18-Apr-12 10:00:00	18-Apr-12 11:00:00	0.00	17.57	0.00	0.00	6.74	2.1	329.7	0.00	5.79	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	18-Apr-12 10:00:00	0.23	16.14	18.92	83.84	88.90					
18-Apr-12 11:00:00	18-Apr-12 12:00:00	0.00	14.10	0.00	0.00	6.60	2.1	329.7	0.00	4.65	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	18-Apr-12 11:00:00	0.23	15.00	18.92	83.84	88.86					
18-Apr-12 12:00:00	18-Apr-12 13:00:00	0.00	20.51	0.00	0.00	6.44	2.1	329.7	0.00	6.76	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	18-Apr-12 12:00:00	0.23	17.11	18.92	83.84	88.80					
18-Apr-12 13:00:00	18-Apr-12 14:00:00	0.00	16.37	0.00	0.00	6.46	2.1	329.7	0.00	5.40	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Apr-12 13:00:00	0.23	15.75	18.92	83.84	88.81					
18-Apr-12 14:00:00	18-Apr-12 15:00:00	0.00	16.08	0.00	0.00	6.63	2.1	329.7	0.00	5.38	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	18-Apr-12 14:00:00	0.23	15.65	18.92	83.84	88.87					
18-Apr-12 15:00:00	18-Apr-12 16:00:00	0.00	16.33	0.00	0.00	6.80	2.1	329.7	0.00	5.38	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	18-Apr-12 15:00:00	0.23	15.73	18.92	83.84	88.92					
18-Apr-12 16:00:00	18-Apr-12 17:00:00	0.00	9.70	0.00	0.00	6.95	2.1	329.7	0.00	3.20	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	18-Apr-12 16:00:00	0.23	13.55	18.92	83.84	88.97					
18-Apr-12 17:00:00	18-Apr-12 18:00:00	0.00	10.42	0.00	0.12	6.91	2.1	329.7	0.00	3.44	0.00	0.04	2.28	0.23	10.35	18.92	83.84	86.68	18-Apr-12 17:00:00	0.23	13.79	18.92	83.88	88.96					
18-Apr-12 18:00:00	18-Apr-12 19:00:00	0.00	11.17	0.00	0.18	6.91	2.1	329.7	0.00	3.68	0.00	0.06	2.28	0.23	10.35	18.92	83.84	86.68	18-Apr-12 18:00:00	0.23	14.03	18.92	83.90	88.96					
18-Apr-12 19:00:00	18-Apr-12 20:00:00	0.00	10.23	0.00	0.00	6.91	2.1	329.7	0.00	3.37	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Apr-12 19:00:00	0.23	13.72	18.92	83.84	88.96					
18-Apr-12 20:00:00	18-Apr-12 21:00:00	0.00	10.26	0.00	0.00	6.90	2.1	329.7	0.00	3.38	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Apr-12 20:00:00	0.23	13.73	18.92	83.84	88.96					
18-Apr-12 21:00:00	18-Apr-12 22:00:00	0.00	9.44	0.00	0.00	6.94	2.1	329.7	0.00	3.11	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	18-Apr-12 21:00:00	0.23	13.46	18.92	83.84	88.97					
18-Apr-12 22:00:00	18-Apr-12 23:00:00	0.00	11.44	0.00	0.11	7.01	2.1	329.7	0.00	3.77	0.00	0.04	2.31	0.23	10.35	18.92	83.84	86.68	18-Apr-12 22:00:00	0.23	14.12	18.92	83.88	88.99					
18-Apr-12 23:00:00	19-Apr-12 00:00:00	0.00	9.51	0.00	0.11	7.08	2.1	329.7	0.00	3.13	0.00	0.04	2.34	0.23	10.35	18.92	83.84	86.68	18-Apr-12 23:00:00	0.23	13.48	18.92	83.88	89.02					
19-Apr-12 00:00:00	19-Apr-12 01:00:00	0.00	19.20	0.00	0.00	7.11	2.1	329.7	0.00	6.33	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	19-Apr-12 00:00:00	0.23	16.68	18.92	83.84	89.02					
19-Apr-12 01:00:00	19-Apr-12 02:00:00	0.00	25.29	0.00	0.19	6.97	2.1	329.7	0.00	8.34	0.00	0.06	2.30	0.23	10.35	18.92	83.84	86.68	19-Apr-12 01:00:00	0.23	18.69	18.92	83.90	88.98					
19-Apr-12 02:00:00	19-Apr-12 03:00:00	0.00	24.14	0.00	0.21	6.96	2.1	329.7	0.00	7.96	0.00	0.07	2.29	0.23	10.35	18.92	83.84	86.68	19-Apr-12 02:00:00	0.23	18.31	18.92	83.91	88.97					
19-Apr-12 03:00:00	19-Apr-12 04:00:00	0.00	20.43	0.00	0.00	6.94	2.1	329.7	0.00	6.73	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	19-Apr-12 03:00:00	0.23	17.08	18.92	83.84	88.97					
19-Apr-12 04:00:00	19-Apr-12 05:00:00	0.00	19.47	0.00	0.00	6.93	2.1	329.7	0.00	6.42	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	19-Apr-12 04:00:00	0.23	16.77	18.92	83.84	88.96					
19-Apr-12 05:00:00	19-Apr-12 06:00:00	0.00	19.03	0.00	0.09	6.92	2.1	329.7	0.00	6.27	0.00	0.03	2.28	0.23	10.35	18.92	83.84	86.68	19-Apr-12 05:00:00	0.23	16.62	18.92	83.87	88.96					
19-Apr-12 06:00:00	19-Apr-12 07:00:00	0.00	16.30	0.00	0.08	6.92	2.1	329.7	0.00	5.38	0.00	0.03	2.28	0.23	10.35	18.92	83.84	86.68	19-Apr-12 06:00:00	0.23	15.73	18.92	83.87	88.96					
19-Apr-12 07:00:00	19-Apr-12 08:00:00	0.00	16.01	0.00	0.00	6.92	2.1	329.7	0.00	5.28	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	19-Apr-12 07:00:00	0.23	15.63	18.92	83.84	88.96					
19-Apr-12 08:00:00	19-Apr-12 09:00:00	0.00	11.02	0.00	0.00	6.92	2.1	329.7	0.00	3.63	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	19-Apr-12 08:00:00	0.23	13.98	18.92	83.84	88.96					
19-Apr-12 09:00:00	19-Apr-12 10:00:00	0.00	11.43	0.00	0.00	6.86	2.1	329.7	0.00	3.77	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	19-Apr-12 09:00:00	0.23	14.12	18.92	83.84	88.94					
19-Apr-12 10:00:00	19-Apr-12 11:00:00	0.00	9.77	0.00	0.10	6.77	2.1	329.7	0.00	3.22	0.00	0.03	2.23	0.23	10.35	18.92	83.84	86.68	19-Apr-12 10:00:00	0.23	13.57	18.92	83.87	88.91					
19-Apr-12 11:00:00	19-Apr-12 12:00:00	0.00	11.63	0.00	0.07	6.69	2.1	329.7	0.00	3.84	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	19-Apr-12 11:00:00	0.23	14.19	18.92	83.86	88.88					
19-Apr-12 12:00:00	19-Apr-12 13:00:00	0.00	13.54	0.00	0.10	6.64	2.1	329.7	0.00	4.46	0.00	0.02	2.19	0.23	10.35	18.92	83.84	86.68	19-Apr-12 12:00:00	0.23	14.81	18.92	83.87	88.87					
19-Apr-12 13:00:00	19-Apr-12 14:00:00	0.00	13.73	0.00	0.00	6.71	2.1	329.7	0.00	4.53	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	19-Apr-12 13:00:00	0.23	14.88	18.92	83.84	88.89					
19-Apr-12 14:00:00	19-Apr-12 15:00:00	0.00	2.12	0.00	0.00	6.60	2.1	329.7	0.00	0.70	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Apr-12 14:00:00	0.23	11.05	18.92	83.84	88.86					
19-Apr-12 15:00:00	19-Apr-12 16:00:00	0.00	2.39	0.00	0.09	6.49	2.1	329.7	0.00	0.79	0.00	0.03	2.14	0.23	10.35	18.92	83.84	86.68	19-Apr-12 15:00:00	0.23	11.14	18.92	83.87	88.82					
19-Apr-12 16:00:00	19-Apr-12 17:00:00	0.00	3.99	0.00	0.19	6.37	2.1	329.7	0.00	1.32	0.00	0.06	2.10	0.23	10.35	18.92	83.84	86.68	19-Apr-12 16:00:00	0.23	11.67	18.92	83.90	88.78					
19-Apr-12 17:00:00	19-Apr-12 18:00:00	0.00	2.62	0.00	0.13	6.32	2.1	329.7	0.00	0.86	0.00	0.04	2.09	0.23	10.35	18.92	83.84	86.68	19-Apr-12 17:00:00	0.23	11.21	18.92	83.88	88.77					
1																													

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
21-Apr-12 01:00:00	21-Apr-12 02:00:00	0.00	1.95	0.00	0.00	5.80	2.1	329.7	0.00	0.64	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	21-Apr-12 01:00:00	0.23	10.99	18.92	83.84	88.59
21-Apr-12 02:00:00	21-Apr-12 03:00:00	0.00	2.11	0.00	0.00	5.80	2.1	329.7	0.00	0.69	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	21-Apr-12 02:00:00	0.23	11.04	18.92	83.84	88.59
21-Apr-12 03:00:00	21-Apr-12 04:00:00	0.00	3.29	0.00	0.00	5.80	2.1	329.7	0.00	1.09	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	21-Apr-12 03:00:00	0.23	11.44	18.92	83.84	88.59
21-Apr-12 04:00:00	21-Apr-12 05:00:00	0.00	1.46	0.00	0.00	5.83	2.1	329.7	0.00	0.48	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	21-Apr-12 04:00:00	0.23	10.83	18.92	83.84	88.60
21-Apr-12 05:00:00	21-Apr-12 06:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	21-Apr-12 05:00:00	0.23	10.35	18.92	83.84	88.65
21-Apr-12 06:00:00	21-Apr-12 07:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	21-Apr-12 06:00:00	0.23	10.35	18.92	83.84	88.68
21-Apr-12 07:00:00	21-Apr-12 08:00:00	0.00	0.24	0.00	0.00	6.15	2.1	329.7	0.00	0.08	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	21-Apr-12 07:00:00	0.23	10.43	18.92	83.84	88.71
21-Apr-12 08:00:00	21-Apr-12 09:00:00	0.00	1.23	0.00	0.00	6.23	2.1	329.7	0.00	0.41	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	21-Apr-12 08:00:00	0.23	10.76	18.92	83.84	88.74
21-Apr-12 09:00:00	21-Apr-12 10:00:00	0.00	2.24	0.00	0.00	6.00	2.1	329.7	0.00	0.74	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	21-Apr-12 09:00:00	0.23	11.09	18.92	83.84	88.66
21-Apr-12 10:00:00	21-Apr-12 11:00:00	0.00	3.20	0.00	0.00	5.60	2.1	329.7	0.00	1.05	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	21-Apr-12 10:00:00	0.23	11.40	18.92	83.84	88.53
21-Apr-12 11:00:00	21-Apr-12 12:00:00	0.00	2.21	0.00	0.00	5.21	2.1	329.7	0.00	0.73	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	21-Apr-12 11:00:00	0.23	11.08	18.92	83.84	88.40
21-Apr-12 12:00:00	21-Apr-12 13:00:00	0.00	36.10	0.00	83.20	43.94	2.1	329.7	0.00	11.90	0.00	27.43	14.49	0.23	10.35	18.92	83.84	86.68	21-Apr-12 12:00:00	0.23	22.25	18.92	111.27	101.17
21-Apr-12 13:00:00	21-Apr-12 14:00:00	0.00	359.89	83.22	87.05	61.48	2.1	329.7	0.00	118.66	27.44	28.70	20.27	0.23	10.35	18.92	83.84	86.68	21-Apr-12 13:00:00	0.23	129.01	46.36	112.54	106.95
21-Apr-12 14:00:00	21-Apr-12 15:00:00	0.00	0.91	0.00	0.29	4.67	2.1	329.7	0.00	0.30	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	21-Apr-12 14:00:00	0.23	10.65	18.92	83.84	88.22
21-Apr-12 15:00:00	21-Apr-12 16:00:00	0.00	1.80	0.00	0.17	4.68	2.1	329.7	0.00	0.59	0.00	0.06	1.54	0.23	10.35	18.92	83.84	86.68	21-Apr-12 15:00:00	0.23	10.94	18.92	83.84	88.22
21-Apr-12 16:00:00	21-Apr-12 17:00:00	0.00	49.40	0.00	0.13	4.70	2.1	329.7	0.00	16.29	0.00	0.04	1.55	0.23	10.35	18.92	83.84	86.68	21-Apr-12 16:00:00	0.23	26.64	18.92	83.84	88.23
21-Apr-12 17:00:00	21-Apr-12 18:00:00	0.00	749.90	0.00	0.11	4.68	2.1	329.7	0.00	247.24	0.00	0.04	1.54	0.23	10.35	18.92	83.84	86.68	21-Apr-12 17:00:00	0.23	257.59	18.92	83.84	88.22
21-Apr-12 18:00:00	21-Apr-12 19:00:00	0.00	800.08	0.00	0.00	4.76	2.1	329.7	0.00	263.79	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	21-Apr-12 18:00:00	0.23	274.14	18.92	83.84	88.25
21-Apr-12 19:00:00	21-Apr-12 20:00:00	0.00	797.36	0.00	0.00	4.86	2.1	329.7	0.00	262.89	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	21-Apr-12 19:00:00	0.23	273.24	18.92	83.84	88.28
21-Apr-12 20:00:00	21-Apr-12 21:00:00	0.00	797.47	0.00	0.00	4.96	2.1	329.7	0.00	262.93	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	21-Apr-12 20:00:00	0.23	273.28	18.92	83.84	88.32
21-Apr-12 21:00:00	21-Apr-12 22:00:00	0.00	795.13	0.00	0.20	5.03	2.1	329.7	0.00	262.15	0.00	0.07	1.66	0.23	10.35	18.92	83.84	86.68	21-Apr-12 21:00:00	0.23	272.50	18.92	83.84	88.34
21-Apr-12 22:00:00	21-Apr-12 23:00:00	0.00	796.13	0.00	0.00	5.20	2.1	329.7	0.00	262.48	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	21-Apr-12 22:00:00	0.23	272.83	18.92	83.84	88.40
21-Apr-12 23:00:00	22-Apr-12 00:00:00	0.00	783.67	0.00	0.00	5.41	2.1	329.7	0.00	258.38	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	21-Apr-12 23:00:00	0.23	268.73	18.92	83.84	88.46
22-Apr-12 00:00:00	22-Apr-12 01:00:00	0.00	783.67	0.00	0.00	5.62	2.1	329.7	0.00	258.38	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	22-Apr-12 00:00:00	0.23	268.73	18.92	83.84	88.53
22-Apr-12 01:00:00	22-Apr-12 02:00:00	0.00	782.28	0.00	0.00	5.84	2.1	329.7	0.00	257.92	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	22-Apr-12 01:00:00	0.23	268.27	18.92	83.84	88.60
22-Apr-12 02:00:00	22-Apr-12 03:00:00	0.00	782.85	0.00	0.00	6.09	2.1	329.7	0.00	258.11	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	22-Apr-12 02:00:00	0.23	268.46	18.92	83.84	88.69
22-Apr-12 03:00:00	22-Apr-12 04:00:00	0.00	726.95	0.00	0.00	6.33	2.1	329.7	0.00	239.67	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	22-Apr-12 03:00:00	0.23	250.02	18.92	83.84	88.77
22-Apr-12 04:00:00	22-Apr-12 05:00:00	0.00	93.40	0.00	0.10	6.58	2.1	329.7	0.00	30.79	0.00	0.03	2.17	0.23	10.35	18.92	83.84	86.68	22-Apr-12 04:00:00	0.23	41.14	18.92	83.84	88.85
22-Apr-12 05:00:00	22-Apr-12 06:00:00	0.00	2.93	0.00	0.00	6.74	2.1	329.7	0.00	0.97	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	22-Apr-12 05:00:00	0.23	11.32	18.92	83.84	88.90
22-Apr-12 06:00:00	22-Apr-12 07:00:00	0.00	11.36	0.00	0.00	6.76	2.1	329.7	0.00	3.75	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	22-Apr-12 06:00:00	0.23	14.20	18.92	83.84	88.91
22-Apr-12 07:00:00	22-Apr-12 08:00:00	0.00	14.46	0.00	0.00	6.79	2.1	329.7	0.00	4.77	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	22-Apr-12 07:00:00	0.23	15.12	18.92	83.84	88.92
22-Apr-12 08:00:00	22-Apr-12 09:00:00	0.00	17.46	0.00	0.00	6.81	2.1	329.7	0.00	5.76	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	22-Apr-12 08:00:00	0.23	16.11	18.92	83.84	88.93
22-Apr-12 09:00:00	22-Apr-12 10:00:00	0.00	16.17	0.00	0.00	6.82	2.1	329.7	0.00	5.33	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	22-Apr-12 09:00:00	0.23	15.68	18.92	83.84	88.93
22-Apr-12 10:00:00	22-Apr-12 11:00:00	0.00	15.07	0.00	0.00	6.81	2.1	329.7	0.00	4.97	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	22-Apr-12 10:00:00	0.23	15.32	18.92	83.84	88.92
22-Apr-12 11:00:00	22-Apr-12 12:00:00	0.00	14.21	0.00	0.00	6.81	2.1	329.7	0.00	4.68	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	22-Apr-12 11:00:00	0.23	15.03	18.92	83.84	88.92
22-Apr-12 12:00:00	22-Apr-12 13:00:00	0.00	11.41	0.00	0.00	6.80	2.1	329.7	0.00	3.76	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	22-Apr-12 12:00:00	0.23	14.11	18.92	83.84	88.92
22-Apr-12 13:00:00	22-Apr-12 14:00:00	0.00	11.21	0.00	0.00	6.76	2.1	329.7	0.00	3.70	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	22-Apr-12 13:00:00	0.23	14.05	18.92	83.84	88.91
22-Apr-12 14:00:00	22-Apr-12 15:00:00	0.00	11.56	0.00	0.00	6.65	2.1	329.7	0.00	3.81	0.00	0.00	2.19	0.23	10.35	18.92								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
24-Apr-12 01:00:00	24-Apr-12 02:00:00	0.00	2.89	0.00	0.00	7.24	2.1	329.7	0.00	0.95	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	24-Apr-12 01:00:00	0.23	11.30	18.92	83.84	89.07				
24-Apr-12 02:00:00	24-Apr-12 03:00:00	0.00	4.89	0.00	0.00	7.26	2.1	329.7	0.00	1.61	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	24-Apr-12 02:00:00	0.23	11.96	18.92	83.84	89.07				
24-Apr-12 03:00:00	24-Apr-12 04:00:00	0.00	4.47	0.00	0.00	7.34	2.1	329.7	0.00	1.47	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	24-Apr-12 03:00:00	0.23	11.82	18.92	83.84	89.10				
24-Apr-12 04:00:00	24-Apr-12 05:00:00	0.00	3.41	0.00	0.00	7.42	2.1	329.7	0.00	1.12	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	24-Apr-12 04:00:00	0.23	11.47	18.92	83.84	89.12				
24-Apr-12 05:00:00	24-Apr-12 06:00:00	0.00	12.04	0.00	0.00	7.49	2.1	329.7	0.00	3.97	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	24-Apr-12 05:00:00	0.23	14.32	18.92	83.84	89.15				
24-Apr-12 06:00:00	24-Apr-12 07:00:00	0.00	15.28	0.00	0.00	7.52	2.1	329.7	0.00	5.04	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	24-Apr-12 06:00:00	0.23	15.39	18.92	83.84	89.16				
24-Apr-12 07:00:00	24-Apr-12 08:00:00	0.00	16.66	0.00	0.00	7.53	2.1	329.7	0.00	5.49	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	24-Apr-12 07:00:00	0.23	15.84	18.92	83.84	89.16				
24-Apr-12 08:00:00	24-Apr-12 09:00:00	0.00	20.16	0.00	0.00	7.55	2.1	329.7	0.00	6.65	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	24-Apr-12 08:00:00	0.23	17.00	18.92	83.84	89.17				
24-Apr-12 09:00:00	24-Apr-12 10:00:00	0.00	10.98	0.00	0.00	7.42	2.1	329.7	0.00	3.62	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	24-Apr-12 09:00:00	0.23	13.97	18.92	83.84	89.13				
24-Apr-12 10:00:00	24-Apr-12 11:00:00	0.00	0.85	0.00	0.00	7.01	2.1	329.7	0.00	0.28	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	24-Apr-12 10:00:00	0.23	10.63	18.92	83.84	88.99				
24-Apr-12 11:00:00	24-Apr-12 12:00:00	0.00	0.79	0.00	0.00	6.60	2.1	329.7	0.00	0.26	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	24-Apr-12 11:00:00	0.23	10.61	18.92	83.84	88.86				
24-Apr-12 12:00:00	24-Apr-12 13:00:00	0.00	3.06	0.00	0.00	6.20	2.1	329.7	0.00	1.01	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	24-Apr-12 12:00:00	0.23	11.36	18.92	83.84	88.72				
24-Apr-12 13:00:00	24-Apr-12 14:00:00	0.00	5.52	0.00	0.00	5.99	2.1	329.7	0.00	1.82	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	24-Apr-12 13:00:00	0.23	12.17	18.92	83.84	88.66				
24-Apr-12 14:00:00	24-Apr-12 15:00:00	0.00	0.71	0.00	0.00	5.96	2.1	329.7	0.00	0.24	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	24-Apr-12 14:00:00	0.23	10.59	18.92	83.84	88.64				
24-Apr-12 15:00:00	24-Apr-12 16:00:00	0.00	6.11	0.00	0.00	5.88	2.1	329.7	0.00	2.01	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	24-Apr-12 15:00:00	0.23	12.36	18.92	83.84	88.62				
24-Apr-12 16:00:00	24-Apr-12 17:00:00	0.00	2.10	0.00	0.00	5.79	2.1	329.7	0.00	0.69	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	24-Apr-12 16:00:00	0.23	11.04	18.92	83.84	88.59				
24-Apr-12 17:00:00	24-Apr-12 18:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	24-Apr-12 17:00:00	0.23	10.35	18.92	83.84	88.57				
24-Apr-12 18:00:00	24-Apr-12 19:00:00	0.00	0.00	0.00	0.20	5.73	2.1	329.7	0.00	0.00	0.00	0.06	1.89	0.23	10.35	18.92	83.84	86.68	24-Apr-12 18:00:00	0.23	10.35	18.92	83.84	88.57				
24-Apr-12 19:00:00	24-Apr-12 20:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Apr-12 19:00:00	0.23	10.35	18.92	83.84	88.56				
24-Apr-12 20:00:00	24-Apr-12 21:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Apr-12 20:00:00	0.23	10.35	18.92	83.84	88.56				
24-Apr-12 21:00:00	24-Apr-12 22:00:00	0.00	1.02	0.00	0.00	5.70	2.1	329.7	0.00	0.33	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Apr-12 21:00:00	0.23	10.68	18.92	83.84	88.56				
24-Apr-12 22:00:00	24-Apr-12 23:00:00	0.00	2.31	0.00	0.00	5.86	2.1	329.7	0.00	0.76	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	24-Apr-12 22:00:00	0.23	11.11	18.92	83.84	88.61				
24-Apr-12 23:00:00	25-Apr-12 00:00:00	0.00	2.31	0.00	0.00	6.02	2.1	329.7	0.00	0.76	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	24-Apr-12 23:00:00	0.23	11.11	18.92	83.84	88.67				
25-Apr-12 00:00:00	25-Apr-12 01:00:00	0.00	1.27	0.00	0.07	6.19	2.1	329.7	0.00	0.42	0.00	0.02	2.04	0.23	10.35	18.92	83.84	86.68	25-Apr-12 00:00:00	0.23	10.77	18.92	83.84	88.72				
25-Apr-12 01:00:00	25-Apr-12 02:00:00	0.00	0.81	0.00	0.00	6.34	2.1	329.7	0.00	0.27	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	25-Apr-12 01:00:00	0.23	10.62	18.92	83.84	88.77				
25-Apr-12 02:00:00	25-Apr-12 03:00:00	0.00	0.34	0.00	0.00	6.41	2.1	329.7	0.00	0.11	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	25-Apr-12 02:00:00	0.23	10.46	18.92	83.84	88.79				
25-Apr-12 03:00:00	25-Apr-12 04:00:00	0.00	0.04	0.00	0.06	6.47	2.1	329.7	0.00	0.01	0.00	0.02	2.13	0.23	10.35	18.92	83.84	86.68	25-Apr-12 03:00:00	0.23	10.36	18.92	83.84	88.81				
25-Apr-12 04:00:00	25-Apr-12 05:00:00	0.00	0.12	0.00	0.17	6.52	2.1	329.7	0.00	0.04	0.00	0.06	2.15	0.23	10.35	18.92	83.84	86.68	25-Apr-12 04:00:00	0.23	10.39	18.92	83.84	88.83				
25-Apr-12 05:00:00	25-Apr-12 06:00:00	0.00	0.22	0.00	0.00	6.47	2.1	329.7	0.00	0.07	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	25-Apr-12 05:00:00	0.23	10.42	18.92	83.84	88.81				
25-Apr-12 06:00:00	25-Apr-12 07:00:00	0.00	0.31	0.00	0.00	6.53	2.1	329.7	0.00	0.10	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	25-Apr-12 06:00:00	0.23	10.45	18.92	83.84	88.83				
25-Apr-12 07:00:00	25-Apr-12 08:00:00	0.00	6.31	14.66	0.00	6.67	2.1	329.7	0.00	2.08	4.83	0.00	2.20	0.23	10.35	18.92	83.84	86.68	25-Apr-12 07:00:00	0.23	12.43	23.75	83.84	88.88				
25-Apr-12 08:00:00	25-Apr-12 09:00:00	0.00	8.22	0.00	0.00	6.81	2.1	329.7	0.00	2.71	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	25-Apr-12 08:00:00	0.23	13.06	18.92	83.84	88.92				
25-Apr-12 09:00:00	25-Apr-12 10:00:00	0.00	7.39	0.00	0.00	6.75	2.1	329.7	0.00	2.44	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	25-Apr-12 09:00:00	0.23	12.79	18.92	83.84	88.91				
25-Apr-12 10:00:00	25-Apr-12 11:00:00	0.00	8.13	0.00	0.00	6.48	2.1	329.7	0.00	2.68	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	25-Apr-12 10:00:00	0.23	13.03	18.92	83.84	88.82				
25-Apr-12 11:00:00	25-Apr-12 12:00:00	0.00	5.96	0.00	0.00	6.24	2.1	329.7	0.00	1.96	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	25-Apr-12 11:00:00	0.23	12.31	18.92	83.84	88.74				
25-Apr-12 12:00:00	25-Apr-12 13:00:00	0.00	0.11	0.00	162.40	6.00	2.1	329.7	0.00	0.04	0.00	53.54	1.98	0.23	10.35	18.92	83.84	86.68	25-Apr-12 12:00:00	0.23	10.39	18.92	137.38	88.66				
25-Apr-12 13:00:00	25-Apr-12 14:00:00	0.00	0.00	0.00	248.65	5.77	2.1	329.7	0.00	0.00	0.00	81.98	1.90	0.23	10.35	18.92	83.84	86.68	25-Apr-12 13:00:00	0.23	10.35	18.92	165.82	88.58				
25-Apr-12 14:00:00	25-Apr-12 15:00:00	0.00	1.33	0.00	278.07	5.49	2.1	329.7	0.00	0.44	0.00	91																

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
27-Apr-12 01:00:00	27-Apr-12 02:00:00	0.00	0.96	0.00	0.00	5.78	2.1	329.7	0.00	0.32	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	27-Apr-12 01:00:00	0.23	10.67	18.92	83.84	88.59
27-Apr-12 02:00:00	27-Apr-12 03:00:00	0.00	2.76	0.00	0.00	5.81	2.1	329.7	0.00	0.91	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	27-Apr-12 02:00:00	0.23	11.26	18.92	83.84	88.60
27-Apr-12 03:00:00	27-Apr-12 04:00:00	0.00	3.60	0.00	0.00	5.84	2.1	329.7	0.00	1.19	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	27-Apr-12 03:00:00	0.23	11.54	18.92	83.84	88.60
27-Apr-12 04:00:00	27-Apr-12 05:00:00	0.00	2.95	0.00	0.00	5.87	2.1	329.7	0.00	0.97	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	27-Apr-12 04:00:00	0.23	11.32	18.92	83.84	88.61
27-Apr-12 05:00:00	27-Apr-12 06:00:00	0.00	3.02	0.00	0.00	5.82	2.1	329.7	0.00	1.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	27-Apr-12 05:00:00	0.23	11.35	18.92	83.84	88.60
27-Apr-12 06:00:00	27-Apr-12 07:00:00	0.00	4.85	0.00	0.00	5.77	2.1	329.7	0.00	1.60	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	27-Apr-12 06:00:00	0.23	11.95	18.92	83.84	88.58
27-Apr-12 07:00:00	27-Apr-12 08:00:00	0.00	8.11	0.00	0.00	5.77	2.1	329.7	0.00	2.67	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	27-Apr-12 07:00:00	0.23	13.02	18.92	83.84	88.58
27-Apr-12 08:00:00	27-Apr-12 09:00:00	0.00	12.37	0.00	0.00	5.76	2.1	329.7	0.00	4.08	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	27-Apr-12 08:00:00	0.23	14.43	18.92	83.84	88.58
27-Apr-12 09:00:00	27-Apr-12 10:00:00	0.00	10.40	0.00	0.09	5.66	2.1	329.7	0.00	3.43	0.00	0.03	1.87	0.23	10.35	18.92	83.84	86.68	27-Apr-12 09:00:00	0.23	13.78	18.92	83.84	88.55
27-Apr-12 10:00:00	27-Apr-12 11:00:00	0.00	2.85	0.00	0.00	5.36	2.1	329.7	0.00	0.94	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	27-Apr-12 10:00:00	0.23	11.29	18.92	83.84	88.45
27-Apr-12 11:00:00	27-Apr-12 12:00:00	0.00	0.39	0.00	0.00	5.07	2.1	329.7	0.00	0.13	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	27-Apr-12 11:00:00	0.23	10.48	18.92	83.84	88.35
27-Apr-12 12:00:00	27-Apr-12 13:00:00	0.00	0.30	0.00	0.00	4.77	2.1	329.7	0.00	0.10	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	27-Apr-12 12:00:00	0.23	10.45	18.92	83.84	88.25
27-Apr-12 13:00:00	27-Apr-12 14:00:00	0.00	0.22	0.00	0.00	4.51	2.1	329.7	0.00	0.07	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	27-Apr-12 13:00:00	0.23	10.42	18.92	83.84	88.17
27-Apr-12 14:00:00	27-Apr-12 15:00:00	0.00	4.15	0.00	0.00	4.39	2.1	329.7	0.00	1.37	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	27-Apr-12 14:00:00	0.23	11.72	18.92	83.84	88.13
27-Apr-12 15:00:00	27-Apr-12 16:00:00	0.00	4.43	0.00	0.00	4.28	2.1	329.7	0.00	1.46	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	27-Apr-12 15:00:00	0.23	11.81	18.92	83.84	88.09
27-Apr-12 16:00:00	27-Apr-12 17:00:00	0.00	6.76	0.00	0.00	4.17	2.1	329.7	0.00	2.23	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	27-Apr-12 16:00:00	0.23	12.58	18.92	83.84	88.06
27-Apr-12 17:00:00	27-Apr-12 18:00:00	0.00	1.85	0.00	0.00	4.22	2.1	329.7	0.00	0.61	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	27-Apr-12 17:00:00	0.23	10.96	18.92	83.84	88.07
27-Apr-12 18:00:00	27-Apr-12 19:00:00	0.00	3.76	0.00	0.27	4.61	2.1	329.7	0.00	1.24	0.00	0.09	1.52	0.23	10.35	18.92	83.84	86.68	27-Apr-12 18:00:00	0.23	11.59	18.92	83.84	88.20
27-Apr-12 19:00:00	27-Apr-12 20:00:00	0.00	2.55	0.00	0.08	5.01	2.1	329.7	0.00	0.84	0.00	0.03	1.65	0.23	10.35	18.92	83.84	86.68	27-Apr-12 19:00:00	0.23	11.19	18.92	83.84	88.33
27-Apr-12 20:00:00	27-Apr-12 21:00:00	0.00	0.69	0.00	0.00	5.41	2.1	329.7	0.00	0.23	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	27-Apr-12 20:00:00	0.23	10.58	18.92	83.84	88.46
27-Apr-12 21:00:00	27-Apr-12 22:00:00	0.00	0.27	0.00	0.34	5.63	2.1	329.7	0.00	0.09	0.00	0.11	1.86	0.23	10.35	18.92	83.84	86.68	27-Apr-12 21:00:00	0.23	10.44	18.92	83.84	88.56
27-Apr-12 22:00:00	27-Apr-12 23:00:00	0.00	0.00	0.00	0.17	5.70	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	27-Apr-12 22:00:00	0.23	10.35	18.92	83.84	88.54
27-Apr-12 23:00:00	28-Apr-12 00:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	27-Apr-12 23:00:00	0.23	10.35	18.92	83.84	88.60
28-Apr-12 00:00:00	28-Apr-12 01:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	28-Apr-12 00:00:00	0.23	10.35	18.92	83.84	88.63
28-Apr-12 01:00:00	28-Apr-12 02:00:00	0.00	0.01	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	28-Apr-12 01:00:00	0.23	10.35	18.92	83.84	88.67
28-Apr-12 02:00:00	28-Apr-12 03:00:00	0.00	0.09	0.00	0.00	6.15	2.1	329.7	0.00	0.03	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	28-Apr-12 02:00:00	0.23	10.38	18.92	83.84	88.71
28-Apr-12 03:00:00	28-Apr-12 04:00:00	0.00	0.18	0.00	0.00	6.26	2.1	329.7	0.00	0.06	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	28-Apr-12 03:00:00	0.23	10.41	18.92	83.84	88.74
28-Apr-12 04:00:00	28-Apr-12 05:00:00	0.00	0.46	0.00	0.00	6.36	2.1	329.7	0.00	0.15	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	28-Apr-12 04:00:00	0.23	10.51	18.92	83.84	88.78
28-Apr-12 05:00:00	28-Apr-12 06:00:00	0.00	2.66	0.00	0.00	6.38	2.1	329.7	0.00	0.88	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	28-Apr-12 05:00:00	0.23	11.23	18.92	83.84	88.78
28-Apr-12 06:00:00	28-Apr-12 07:00:00	0.00	7.83	0.00	0.00	6.34	2.1	329.7	0.00	2.58	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Apr-12 06:00:00	0.23	12.93	18.92	83.84	88.77
28-Apr-12 07:00:00	28-Apr-12 08:00:00	0.00	22.43	0.00	0.00	6.34	2.1	329.7	0.00	7.39	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Apr-12 07:00:00	0.23	17.74	18.92	83.84	88.77
28-Apr-12 08:00:00	28-Apr-12 09:00:00	0.00	15.54	0.00	0.00	6.33	2.1	329.7	0.00	5.12	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Apr-12 08:00:00	0.23	15.47	18.92	83.84	88.77
28-Apr-12 09:00:00	28-Apr-12 10:00:00	0.00	16.55	0.00	0.00	6.33	2.1	329.7	0.00	5.46	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Apr-12 09:00:00	0.23	15.81	18.92	83.84	88.77
28-Apr-12 10:00:00	28-Apr-12 11:00:00	0.00	12.86	0.00	0.00	6.29	2.1	329.7	0.00	4.24	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Apr-12 10:00:00	0.23	14.59	18.92	83.84	88.75
28-Apr-12 11:00:00	28-Apr-12 12:00:00	0.00	10.68	0.00	0.00	6.24	2.1	329.7	0.00	3.52	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	28-Apr-12 11:00:00	0.23	13.87	18.92	83.84	88.74
28-Apr-12 12:00:00	28-Apr-12 13:00:00	0.00	10.72	0.00	0.00	6.20	2.1	329.7	0.00	3.53	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	28-Apr-12 12:00:00	0.23	13.88	18.92	83.84	88.72
28-Apr-12 13:00:00	28-Apr-12 14:00:00	0.00	10.70	0.00	0.00	6.20	2.1	329.7	0.00	3.53	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	28-Apr-12 13:00:00	0.23	13.88	18.92	83.84	88.72
28-Apr-12 14:00:00	28-Apr-12 15:00:00	0.00	13.30	0.00	0.00	6.23	2.1	329.7	0.00	4.39	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Apr-12 14:00:00	0.23	14.74			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
30-Apr-12 01:00:00	30-Apr-12 02:00:00	0.00	0.00	0.00	0.00	5.96	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	30-Apr-12 01:00:00	0.23	10.35	18.92	83.84	86.68
30-Apr-12 02:00:00	30-Apr-12 03:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	30-Apr-12 02:00:00	0.23	10.35	18.92	83.84	86.68
30-Apr-12 03:00:00	30-Apr-12 04:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	30-Apr-12 03:00:00	0.23	10.35	18.92	83.84	86.68
30-Apr-12 04:00:00	30-Apr-12 05:00:00	0.00	0.00	0.00	2.73	5.97	2.1	329.7	0.00	0.00	0.00	0.90	1.97	0.23	10.35	18.92	83.84	86.68	30-Apr-12 04:00:00	0.23	10.35	18.92	84.74	86.68
30-Apr-12 05:00:00	30-Apr-12 06:00:00	0.00	0.00	0.00	97.09	148.39	2.1	329.7	0.00	0.00	0.00	32.01	48.93	0.23	10.35	18.92	83.84	86.68	30-Apr-12 05:00:00	0.23	10.35	18.92	115.85	135.61
30-Apr-12 06:00:00	30-Apr-12 07:00:00	0.00	0.00	0.00	0.00	295.76	2.1	329.7	0.00	0.00	0.00	0.00	97.51	0.23	10.35	18.92	83.84	86.68	30-Apr-12 06:00:00	0.23	10.35	18.92	83.84	184.19
30-Apr-12 07:00:00	30-Apr-12 08:00:00	0.00	0.06	0.00	0.00	360.49	2.1	329.7	0.00	0.00	0.00	0.00	118.85	0.23	10.35	18.92	83.84	86.68	30-Apr-12 07:00:00	0.23	10.37	18.92	83.84	205.53
30-Apr-12 08:00:00	30-Apr-12 09:00:00	0.00	0.53	0.00	0.00	264.54	2.1	329.7	0.00	0.17	0.00	0.00	87.22	0.23	10.35	18.92	83.84	86.68	30-Apr-12 08:00:00	0.23	10.52	18.92	83.84	173.90
30-Apr-12 09:00:00	30-Apr-12 10:00:00	0.00	1.07	0.00	0.00	167.14	2.1	329.7	0.00	0.35	0.00	0.00	55.11	0.23	10.35	18.92	83.84	86.68	30-Apr-12 09:00:00	0.23	10.70	18.92	83.84	141.79
30-Apr-12 10:00:00	30-Apr-12 11:00:00	0.00	1.56	0.00	0.00	5.12	2.1	329.7	0.00	0.51	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	30-Apr-12 10:00:00	0.23	10.86	18.92	83.84	88.37
30-Apr-12 11:00:00	30-Apr-12 12:00:00	0.00	0.44	0.00	0.00	4.98	2.1	329.7	0.00	0.14	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	30-Apr-12 11:00:00	0.23	10.49	18.92	83.84	88.32
30-Apr-12 12:00:00	30-Apr-12 13:00:00	0.00	0.82	0.00	0.00	4.84	2.1	329.7	0.00	0.27	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	30-Apr-12 12:00:00	0.23	10.62	18.92	83.84	88.27
30-Apr-12 13:00:00	30-Apr-12 14:00:00	0.00	0.02	0.00	0.00	4.70	2.1	329.7	0.00	0.01	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	30-Apr-12 13:00:00	0.23	10.36	18.92	83.84	88.23
30-Apr-12 14:00:00	30-Apr-12 15:00:00	0.00	1.05	0.00	0.00	4.59	2.1	329.7	0.00	0.34	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	30-Apr-12 14:00:00	0.23	10.69	18.92	83.84	88.19
30-Apr-12 15:00:00	30-Apr-12 16:00:00	0.00	2.53	0.00	0.00	4.47	2.1	329.7	0.00	0.83	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	30-Apr-12 15:00:00	0.23	11.18	18.92	83.84	88.15
30-Apr-12 16:00:00	30-Apr-12 17:00:00	0.00	1.63	0.00	0.00	4.34	2.1	329.7	0.00	0.54	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	30-Apr-12 16:00:00	0.23	10.89	18.92	83.84	88.11
30-Apr-12 17:00:00	30-Apr-12 18:00:00	0.00	3.07	0.00	0.00	4.22	2.1	329.7	0.00	1.01	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	30-Apr-12 17:00:00	0.23	11.36	18.92	83.84	88.07
30-Apr-12 18:00:00	30-Apr-12 19:00:00	0.00	1.20	0.00	0.00	4.31	2.1	329.7	0.00	0.39	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	30-Apr-12 18:00:00	0.23	10.74	18.92	83.84	88.10
30-Apr-12 19:00:00	30-Apr-12 20:00:00	0.00	0.82	0.00	0.00	4.58	2.1	329.7	0.00	0.27	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	30-Apr-12 19:00:00	0.23	10.62	18.92	83.84	88.19
30-Apr-12 20:00:00	30-Apr-12 21:00:00	0.00	0.44	0.00	0.00	4.85	2.1	329.7	0.00	0.15	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	30-Apr-12 20:00:00	0.23	10.50	18.92	83.84	88.28
30-Apr-12 21:00:00	30-Apr-12 22:00:00	0.00	0.22	0.00	0.00	5.11	2.1	329.7	0.00	0.07	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	30-Apr-12 21:00:00	0.23	10.42	18.92	83.84	88.37
30-Apr-12 22:00:00	30-Apr-12 23:00:00	0.00	3.07	0.00	0.00	5.25	2.1	329.7	0.00	1.01	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	30-Apr-12 22:00:00	0.23	11.36	18.92	83.84	88.41
30-Apr-12 23:00:00	01-May-12 00:00:00	0.00	4.53	0.00	0.00	5.35	2.1	329.7	0.00	1.49	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	30-Apr-12 23:00:00	0.23	11.84	18.92	83.84	88.44
01-May-12 00:00:00	01-May-12 01:00:00	0.00	4.90	0.00	0.00	5.45	2.1	329.7	0.00	1.61	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	01-May-12 00:00:00	0.23	11.96	18.92	83.84	88.48
01-May-12 01:00:00	01-May-12 02:00:00	0.00	2.59	0.00	0.00	5.55	2.1	329.7	0.00	0.85	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	01-May-12 01:00:00	0.23	11.20	18.92	83.84	88.51
01-May-12 02:00:00	01-May-12 03:00:00	0.00	1.84	0.00	0.00	5.67	2.1	329.7	0.00	0.61	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	01-May-12 02:00:00	0.23	10.96	18.92	83.84	88.55
01-May-12 03:00:00	01-May-12 04:00:00	0.00	1.10	0.00	0.00	5.74	2.1	329.7	0.00	0.36	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	01-May-12 03:00:00	0.23	10.71	18.92	83.84	88.57
01-May-12 04:00:00	01-May-12 05:00:00	0.00	0.35	0.00	0.00	5.82	2.1	329.7	0.00	0.12	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	01-May-12 04:00:00	0.23	10.47	18.92	83.84	88.60
01-May-12 05:00:00	01-May-12 06:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	01-May-12 05:00:00	0.23	10.35	18.92	83.84	88.62
01-May-12 06:00:00	01-May-12 07:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	01-May-12 06:00:00	0.23	10.35	18.92	83.84	88.62
01-May-12 07:00:00	01-May-12 08:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	01-May-12 07:00:00	0.23	10.35	18.92	83.84	88.63
01-May-12 08:00:00	01-May-12 09:00:00	0.00	4.97	0.00	0.00	5.92	2.1	329.7	0.00	1.64	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	01-May-12 08:00:00	0.23	11.99	18.92	83.84	88.63
01-May-12 09:00:00	01-May-12 10:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	01-May-12 09:00:00	0.23	10.35	18.92	83.84	88.63
01-May-12 10:00:00	01-May-12 11:00:00	0.00	0.00	0.00	0.25	5.64	2.1	329.7	0.00	0.00	0.00	0.08	1.86	0.23	10.35	18.92	83.84	86.68	01-May-12 10:00:00	0.23	10.35	18.92	83.92	88.54
01-May-12 11:00:00	01-May-12 12:00:00	0.00	0.57	0.00	0.00	5.37	2.1	329.7	0.00	0.19	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	01-May-12 11:00:00	0.23	10.54	18.92	83.84	88.45
01-May-12 12:00:00	01-May-12 13:00:00	0.00	1.57	2.04	0.00	5.10	2.1	329.7	0.00	0.52	0.67	0.00	1.68	0.23	10.35	18.92	83.84	86.68	01-May-12 12:00:00	0.23	10.87	19.59	83.84	88.36
01-May-12 13:00:00	01-May-12 14:00:00	0.00	1.91	0.00	0.08	4.83	2.1	329.7	0.00	0.63	0.00	0.03	1.59	0.23	10.35	18.92	83.84	86.68	01-May-12 13:00:00	0.23	10.98	18.92	83.84	88.27
01-May-12 14:00:00	01-May-12 15:00:00	0.00	1.56	0.00	0.00	4.61	2.1	329.7	0.00	0.51	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	01-May-12 14:00:00	0.23	10.86	18.92	83.84	88.20
01-May-12 15:00:00	01-May-12 16:00:00	0.00	6.34	0.00	0.28	4.45	2.1	329.7	0.00	2.09	0.00	0.09	1.47	0.23	10.35	18.92	83.84	86.68	01-May-12 15:00:00	0.23	12.44	18.92	83.93	88.15
01-May-12 16:00:00	01-May-12 17:00:00	0.00	7.14	0.00	0.00	4.29	2.1	329.7	0.00	2.35	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	01-May-12 16:00:00	0.23	12.70	18.92	83.94	88.10
01-May-12 17:00:00	01-May-12 18:00:00	0.00	6.76	0.00	0.00	4.15	2.1	329.7	0.00	2.23	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	01-May-12 17:00:00	0.23	12.58	18.92	83.94	88.05
01-May-12 18:00:00	01-May-12 19:00:00	0.00	4.90	0.00	0.00	4.32	2.1	329.7	0.00	1.62	0.00	0.00	1.42	0.23	1									

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)							
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor	RB3	CB1	CB2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
03-May-12 01:00:00	03-May-12 02:00:00	546.92	0.48	0.00	0.00	5.81	2.1	329.7	180.32	0.16	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	03-May-12 01:00:00	180.55	10.51	18.92	83.84	86.68	
03-May-12 02:00:00	03-May-12 03:00:00	662.20	0.44	0.00	0.00	5.95	2.1	329.7	218.33	0.15	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	03-May-12 02:00:00	218.56	10.50	18.92	83.84	86.68	
03-May-12 03:00:00	03-May-12 04:00:00	532.56	0.00	0.00	0.00	6.10	2.1	329.7	175.58	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	03-May-12 03:00:00	175.81	10.35	18.92	83.84	86.68	
03-May-12 04:00:00	03-May-12 05:00:00	744.98	0.00	0.00	0.00	6.24	2.1	329.7	245.62	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	03-May-12 04:00:00	245.85	10.35	18.92	83.84	86.68	
03-May-12 05:00:00	03-May-12 06:00:00	623.30	0.00	0.00	0.00	6.33	2.1	329.7	205.50	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	03-May-12 05:00:00	205.73	10.35	18.92	83.84	86.68	
03-May-12 06:00:00	03-May-12 07:00:00	0.00	0.07	0.00	0.00	6.24	2.1	329.7	0.00	0.02	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	03-May-12 06:00:00	0.23	10.37	18.92	83.84	86.68	
03-May-12 07:00:00	03-May-12 08:00:00	0.00	0.50	0.00	0.00	6.14	2.1	329.7	0.00	0.16	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	03-May-12 07:00:00	0.23	10.51	18.92	83.84	86.68	
03-May-12 08:00:00	03-May-12 09:00:00	0.00	0.97	0.00	0.00	6.04	2.1	329.7	0.00	0.32	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	03-May-12 08:00:00	0.23	10.67	18.92	83.84	86.68	
03-May-12 09:00:00	03-May-12 10:00:00	0.00	1.28	0.00	0.00	5.91	2.1	329.7	0.00	0.42	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	03-May-12 09:00:00	0.23	10.77	18.92	83.84	86.68	
03-May-12 10:00:00	03-May-12 11:00:00	0.00	0.22	0.00	0.00	5.68	2.1	329.7	0.00	0.07	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	03-May-12 10:00:00	0.23	10.42	18.92	83.84	86.68	
03-May-12 11:00:00	03-May-12 12:00:00	0.00	0.57	0.00	0.00	5.45	2.1	329.7	0.00	0.19	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	03-May-12 11:00:00	0.23	10.54	18.92	83.84	86.68	
03-May-12 12:00:00	03-May-12 13:00:00	0.00	0.93	0.00	4.14	5.22	2.1	329.7	0.00	0.31	0.00	1.36	1.72	0.23	10.35	18.92	83.84	86.68	03-May-12 12:00:00	0.23	10.66	18.92	85.20	88.40	
03-May-12 13:00:00	03-May-12 14:00:00	0.00	1.12	0.00	4.85	4.81	2.1	329.7	0.00	0.37	0.00	1.60	1.59	0.23	10.35	18.92	83.84	86.68	03-May-12 13:00:00	0.23	10.72	18.92	85.44	88.27	
03-May-12 14:00:00	03-May-12 15:00:00	0.00	1.33	0.00	0.00	4.72	2.1	329.7	0.00	0.44	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	03-May-12 14:00:00	0.23	10.79	18.92	83.84	88.24	
03-May-12 15:00:00	03-May-12 16:00:00	0.00	0.98	0.00	0.00	4.70	2.1	329.7	0.00	0.32	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	03-May-12 15:00:00	0.23	10.67	18.92	83.84	88.23	
03-May-12 16:00:00	03-May-12 17:00:00	0.00	0.64	0.00	0.00	4.68	2.1	329.7	0.00	0.21	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	03-May-12 16:00:00	0.23	10.56	18.92	83.84	88.22	
03-May-12 17:00:00	03-May-12 18:00:00	0.00	0.30	0.00	0.00	4.69	2.1	329.7	0.00	0.10	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	03-May-12 17:00:00	0.23	10.45	18.92	83.84	88.22	
03-May-12 18:00:00	03-May-12 19:00:00	0.00	0.03	0.00	0.00	4.72	2.1	329.7	0.00	0.01	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	03-May-12 18:00:00	0.23	10.36	18.92	83.84	88.24	
03-May-12 19:00:00	03-May-12 20:00:00	0.00	0.00	0.00	0.00	4.76	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	03-May-12 19:00:00	0.23	10.35	18.92	83.84	88.25	
03-May-12 20:00:00	03-May-12 21:00:00	0.00	0.00	0.00	0.10	4.79	2.1	329.7	0.00	0.00	0.00	0.03	1.58	0.23	10.35	18.92	83.84	86.68	03-May-12 20:00:00	0.23	10.35	18.92	83.87	88.26	
03-May-12 21:00:00	03-May-12 22:00:00	0.00	0.00	0.00	0.00	4.95	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	03-May-12 21:00:00	0.23	10.35	18.92	83.84	88.31	
03-May-12 22:00:00	03-May-12 23:00:00	0.00	0.00	0.00	0.00	5.15	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	03-May-12 22:00:00	0.23	10.35	18.92	83.84	88.38	
03-May-12 23:00:00	04-May-12 00:00:00	0.00	0.00	0.00	0.10	5.34	2.1	329.7	0.00	0.00	0.00	0.03	1.76	0.23	10.35	18.92	83.84	86.68	03-May-12 23:00:00	0.23	10.35	18.92	83.87	88.44	
04-May-12 00:00:00	04-May-12 01:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	04-May-12 00:00:00	0.23	10.35	18.92	83.84	88.50	
04-May-12 01:00:00	04-May-12 02:00:00	0.00	0.00	0.00	0.17	5.74	2.1	329.7	0.00	0.00	0.00	0.06	1.89	0.23	10.35	18.92	83.84	86.68	04-May-12 01:00:00	0.23	10.35	18.92	83.90	88.57	
04-May-12 02:00:00	04-May-12 03:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	04-May-12 02:00:00	0.23	10.35	18.92	83.84	88.61	
04-May-12 03:00:00	04-May-12 04:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	04-May-12 03:00:00	0.23	10.35	18.92	83.84	88.65	
04-May-12 04:00:00	04-May-12 05:00:00	0.00	0.00	0.00	0.07	6.08	2.1	329.7	0.00	0.00	0.00	0.02	2.01	0.23	10.35	18.92	83.84	86.68	04-May-12 04:00:00	0.23	10.35	18.92	83.86	88.69	
04-May-12 05:00:00	04-May-12 06:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	04-May-12 05:00:00	0.23	10.35	18.92	83.84	88.70	
04-May-12 06:00:00	04-May-12 07:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	04-May-12 06:00:00	0.23	10.35	18.92	83.84	88.68	
04-May-12 07:00:00	04-May-12 08:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	04-May-12 07:00:00	0.23	10.35	18.92	83.84	88.66	
04-May-12 08:00:00	04-May-12 09:00:00	0.00	0.00	18.43	0.00	5.92	2.1	329.7	0.00	0.00	6.08	0.00	1.95	0.23	10.35	18.92	83.84	86.68	04-May-12 08:00:00	0.23	10.35	25.00	83.84	88.63	
04-May-12 09:00:00	04-May-12 10:00:00	0.00	0.00	39.18	0.00	56.81	2.1	329.7	0.00	0.00	12.92	0.00	1.87	0.23	10.35	18.92	83.84	86.68	04-May-12 09:00:00	0.23	10.35	31.84	83.84	105.41	
04-May-12 10:00:00	04-May-12 11:00:00	0.00	0.00	0.00	0.43	5.68	2.1	329.7	0.00	0.00	0.00	0.14	1.87	0.23	10.35	18.92	83.84	86.68	04-May-12 10:00:00	0.23	10.35	18.92	83.98	88.55	
04-May-12 11:00:00	04-May-12 12:00:00	0.00	0.00	0.00	1.17	5.54	2.1	329.7	0.00	0.00	0.00	0.39	1.83	0.23	10.35	18.92	83.84	86.68	04-May-12 11:00:00	0.23	10.35	18.92	84.23	88.51	
04-May-12 12:00:00	04-May-12 13:00:00	0.00	0.00	1.81	2.05	5.40	2.1	329.7	0.00	0.00	0.60	0.68	1.78	0.23	10.35	18.92	83.84	86.68	04-May-12 12:00:00	0.23	10.35	19.52	84.52	88.46	
04-May-12 13:00:00	04-May-12 14:00:00	0.00	0.84	0.00	1.75	5.23	2.1	329.7	0.00	0.28	0.00	0.58	1.73	0.23	10.35	18.92	83.84	86.68	04-May-12 13:00:00	0.23	10.63	18.92	84.42	88.41	
04-May-12 14:00:00	04-May-12 15:00:00	0.00	6.62	0.00	2.10	5.03	2.1	329.7	0.00	1.18	0.00	0.69	1.66	0.23	10.35	18.92	83.84	86.68	04-May-12 14:						

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)						TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor	Black Liquor	Black Liquor	Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
06-May-12 01:00:00	06-May-12 02:00:00	0.00	5.28	0.00	0.00	5.52	2.1	329.7	0.00	1.74	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	06-May-12 01:00:00	0.23	12.09	18.92	83.84	88.50					
06-May-12 02:00:00	06-May-12 03:00:00	0.00	7.07	0.00	0.00	5.76	2.1	329.7	0.00	2.33	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	06-May-12 02:00:00	0.23	12.68	18.92	83.84	88.58					
06-May-12 03:00:00	06-May-12 04:00:00	0.00	2.01	0.00	0.00	5.93	2.1	329.7	0.00	0.66	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	06-May-12 03:00:00	0.23	11.01	18.92	83.84	88.64					
06-May-12 04:00:00	06-May-12 05:00:00	0.00	5.53	0.00	0.00	6.10	2.1	329.7	0.00	1.82	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	06-May-12 04:00:00	0.23	12.17	18.92	83.84	88.69					
06-May-12 05:00:00	06-May-12 06:00:00	0.00	4.00	0.00	0.00	6.27	2.1	329.7	0.00	1.32	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	06-May-12 05:00:00	0.23	11.67	18.92	83.84	88.75					
06-May-12 06:00:00	06-May-12 07:00:00	0.00	3.29	0.00	0.00	6.29	2.1	329.7	0.00	1.08	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	06-May-12 06:00:00	0.23	11.43	18.92	83.84	88.75					
06-May-12 07:00:00	06-May-12 08:00:00	0.00	0.06	0.00	0.00	6.20	2.1	329.7	0.00	0.02	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	06-May-12 07:00:00	0.23	10.37	18.92	83.84	88.73					
06-May-12 08:00:00	06-May-12 09:00:00	0.00	0.00	0.00	0.00	6.12	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	06-May-12 08:00:00	0.23	10.35	18.92	83.84	88.70					
06-May-12 09:00:00	06-May-12 10:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	06-May-12 09:00:00	0.23	10.35	18.92	83.84	88.67					
06-May-12 10:00:00	06-May-12 11:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	06-May-12 10:00:00	0.23	10.35	18.92	83.84	88.62					
06-May-12 11:00:00	06-May-12 12:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	06-May-12 11:00:00	0.23	10.35	18.92	83.84	88.57					
06-May-12 12:00:00	06-May-12 13:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	06-May-12 12:00:00	0.23	10.35	18.92	83.84	88.52					
06-May-12 13:00:00	06-May-12 14:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	06-May-12 13:00:00	0.23	10.35	18.92	83.84	88.48					
06-May-12 14:00:00	06-May-12 15:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	06-May-12 14:00:00	0.23	10.35	18.92	83.84	88.46					
06-May-12 15:00:00	06-May-12 16:00:00	0.00	0.00	0.00	0.00	5.34	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	06-May-12 15:00:00	0.23	10.35	18.92	83.84	88.44					
06-May-12 16:00:00	06-May-12 17:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	06-May-12 16:00:00	0.23	10.35	18.92	83.84	88.42					
06-May-12 17:00:00	06-May-12 18:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	06-May-12 17:00:00	0.23	10.35	18.92	83.84	88.41					
06-May-12 18:00:00	06-May-12 19:00:00	0.00	0.00	0.00	0.10	5.35	2.1	329.7	0.00	0.00	0.00	0.03	1.77	0.23	10.35	18.92	83.84	86.68	06-May-12 18:00:00	0.23	10.35	18.92	83.84	88.45					
06-May-12 19:00:00	06-May-12 20:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	06-May-12 19:00:00	0.23	10.35	18.92	83.84	88.50					
06-May-12 20:00:00	06-May-12 21:00:00	0.00	0.00	0.00	0.00	5.66	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	06-May-12 20:00:00	0.23	10.35	18.92	83.84	88.55					
06-May-12 21:00:00	06-May-12 22:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	06-May-12 21:00:00	0.23	10.35	18.92	83.84	88.60					
06-May-12 22:00:00	06-May-12 23:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	06-May-12 22:00:00	0.23	10.35	18.92	83.84	88.66					
06-May-12 23:00:00	07-May-12 00:00:00	0.00	0.43	0.00	0.00	6.11	2.1	329.7	0.00	0.14	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	06-May-12 23:00:00	0.23	10.49	18.92	83.84	88.70					
07-May-12 00:00:00	07-May-12 01:00:00	0.00	1.17	0.00	0.00	6.22	2.1	329.7	0.00	0.39	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	07-May-12 00:00:00	0.23	10.74	18.92	83.84	88.73					
07-May-12 01:00:00	07-May-12 02:00:00	0.00	1.58	0.00	0.00	6.32	2.1	329.7	0.00	0.52	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	07-May-12 01:00:00	0.23	10.87	18.92	83.84	88.76					
07-May-12 02:00:00	07-May-12 03:00:00	0.00	2.45	0.00	0.00	6.43	2.1	329.7	0.00	0.81	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	07-May-12 02:00:00	0.23	11.16	18.92	83.84	88.80					
07-May-12 03:00:00	07-May-12 04:00:00	0.00	3.50	0.00	0.00	6.57	2.1	329.7	0.00	1.15	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	07-May-12 03:00:00	0.23	11.50	18.92	83.84	88.84					
07-May-12 04:00:00	07-May-12 05:00:00	0.00	2.58	0.00	0.00	6.70	2.1	329.7	0.00	0.85	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	07-May-12 04:00:00	0.23	11.20	18.92	83.84	88.89					
07-May-12 05:00:00	07-May-12 06:00:00	0.00	4.75	0.00	0.00	6.81	2.1	329.7	0.00	1.57	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	07-May-12 05:00:00	0.23	11.92	18.92	83.84	88.93					
07-May-12 06:00:00	07-May-12 07:00:00	0.00	19.33	0.00	0.00	6.78	2.1	329.7	0.00	6.37	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	07-May-12 06:00:00	0.23	16.72	18.92	83.84	88.91					
07-May-12 07:00:00	07-May-12 08:00:00	0.00	19.46	0.00	0.00	253.64	2.1	329.7	0.00	6.42	0.00	0.00	83.63	0.23	10.35	18.92	83.84	86.68	07-May-12 07:00:00	0.23	16.77	18.92	83.84	170.31					
07-May-12 08:00:00	07-May-12 09:00:00	0.00	10.53	0.00	0.00	605.97	2.1	329.7	0.00	3.47	0.00	0.00	199.79	0.23	10.35	18.92	83.84	86.68	07-May-12 08:00:00	0.23	13.82	18.92	83.84	286.47					
07-May-12 09:00:00	07-May-12 10:00:00	0.00	10.41	0.00	0.00	778.33	2.1	329.7	0.00	3.43	0.00	0.00	256.62	0.23	10.35	18.92	83.84	86.68	07-May-12 09:00:00	0.23	13.78	18.92	83.84	343.30					
07-May-12 10:00:00	07-May-12 11:00:00	0.00	13.65	0.00	0.00	613.80	2.1	329.7	0.00	4.50	0.00	0.00	202.37	0.23	10.35	18.92	83.84	86.68	07-May-12 10:00:00	0.23	14.85	18.92	83.84	289.05					
07-May-12 11:00:00	07-May-12 12:00:00	0.00	5.30	0.00	0.00	530.69	2.1	329.7	0.00	1.75	0.00	0.00	174.97	0.23	10.35	18.92	83.84	86.68	07-May-12 11:00:00	0.23	12.10	18.92	83.84	261.65					
07-May-12 12:00:00	07-May-12 13:00:00	0.00	2.22	0.00	0.00	682.62	2.1	329.7	0.00	0.73	0.00	0.00	225.06	0.23	10.35	18.92	83.84	86.68	07-May-12 12:00:00	0.23	11.08	18.92	83.84	311.74					
07-May-12 13:00:00	07-May-12 14:00:00	0.00	0.37	0.00	0.00	595.69	2.1	329.7	0.00	0.12	0.00	0.00	196.40	0.23	10.35	18.92	83.84	86.68	07-May-12 13:00:00	0.23	10.47	18.92	83.84	283.08					
07-May-12 14:00:00	07-May-12 15:00:00	0.00	0.14	0.00	0.00	730.07	2.1	329.7	0.0																				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		R/B1 / Swing Boiler		R/B2	R/B3	C/B1	C/B2	Maximum Sulfur Content	AP-42 Emission Factor	R/B1 / Swing / Power Boiler	R/B2	R/B3	C/B1	C/B2	R/B1 / Swing / Power Boiler	R/B2	R/B3	C/B1	C/B2	R/B1 / Swing Boiler	R/B2	R/B3	C/B1	C/B2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
09-May-12 01:00:00	09-May-12 02:00:00	0.00	0.08	0.00	0.00	5.98	2.1	329.7	0.00	0.03	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	0.23	10.38	18.92	83.84	88.65	
09-May-12 02:00:00	09-May-12 03:00:00	0.00	0.00	0.00	0.00	6.15	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.71	
09-May-12 03:00:00	09-May-12 04:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.77	
09-May-12 04:00:00	09-May-12 05:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.75	
09-May-12 05:00:00	09-May-12 06:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.70	
09-May-12 06:00:00	09-May-12 07:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.65	
09-May-12 07:00:00	09-May-12 08:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.61	
09-May-12 08:00:00	09-May-12 09:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.61	
09-May-12 09:00:00	09-May-12 10:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.62	
09-May-12 10:00:00	09-May-12 11:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.64	
09-May-12 11:00:00	09-May-12 12:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.61	
09-May-12 12:00:00	09-May-12 13:00:00	0.00	0.00	0.00	0.70	38.62	2.1	329.7	0.00	0.00	0.23	12.73	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	84.07	99.41		
09-May-12 13:00:00	09-May-12 14:00:00	0.00	0.00	0.00	0.38	5.50	2.1	329.7	0.00	0.00	0.13	1.81	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.97	88.49		
09-May-12 14:00:00	09-May-12 15:00:00	0.00	0.00	0.00	0.09	5.54	2.1	329.7	0.00	0.00	0.00	0.03	1.83	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.87	88.51	
09-May-12 15:00:00	09-May-12 16:00:00	0.00	0.00	0.00	0.16	5.58	2.1	329.7	0.00	0.00	0.05	1.84	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.89	88.52		
09-May-12 16:00:00	09-May-12 17:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.53	
09-May-12 17:00:00	09-May-12 18:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.55	
09-May-12 18:00:00	09-May-12 19:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.57	
09-May-12 19:00:00	09-May-12 20:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.58	
09-May-12 20:00:00	09-May-12 21:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.59	
09-May-12 21:00:00	09-May-12 22:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.61	
09-May-12 22:00:00	09-May-12 23:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.65	
09-May-12 23:00:00	10-May-12 00:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.69	
10-May-12 00:00:00	10-May-12 01:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.73	
10-May-12 01:00:00	10-May-12 02:00:00	0.00	0.13	0.00	0.00	6.29	2.1	329.7	0.00	0.04	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	0.23	10.39	18.92	83.84	88.76	
10-May-12 02:00:00	10-May-12 03:00:00	0.00	0.58	0.00	0.00	6.32	2.1	329.7	0.00	0.19	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	0.23	10.54	18.92	83.84	88.76	
10-May-12 03:00:00	10-May-12 04:00:00	0.00	12.72	0.00	0.00	6.35	2.1	329.7	0.00	4.19	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	0.23	14.54	18.92	83.84	88.77	
10-May-12 04:00:00	10-May-12 05:00:00	0.00	16.05	0.00	150.69	6.37	2.1	329.7	0.00	5.29	0.00	49.68	2.10	0.23	10.35	18.92	83.84	86.68	0.23	15.64	18.92	133.52	88.78	
10-May-12 05:00:00	10-May-12 06:00:00	0.00	19.86	0.00	71.79	6.43	2.1	329.7	0.00	6.55	0.00	23.67	2.12	0.23	10.35	18.92	83.84	86.68	0.23	16.90	18.92	107.51	88.80	
10-May-12 06:00:00	10-May-12 07:00:00	0.00	28.09	0.00	0.00	6.38	2.1	329.7	0.00	9.26	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	0.23	19.61	18.92	83.84	88.78	
10-May-12 07:00:00	10-May-12 08:00:00	0.00	22.66	0.00	0.00	6.33	2.1	329.7	0.00	7.47	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	0.23	17.82	18.92	83.84	88.77	
10-May-12 08:00:00	10-May-12 09:00:00	0.00	21.79	0.00	0.00	6.28	2.1	329.7	0.00	7.18	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	0.23	17.53	18.92	83.84	88.75	
10-May-12 09:00:00	10-May-12 10:00:00	0.00	21.62	0.00	0.00	6.09	2.1	329.7	0.00	7.13	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	0.23	17.48	18.92	83.84	88.69	
10-May-12 10:00:00	10-May-12 11:00:00	0.00	19.14	0.00	0.00	5.84	2.1	329.7	0.00	6.31	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	0.23	16.66	18.92	83.84	88.60	
10-May-12 11:00:00	10-May-12 12:00:00	0.00	6.64	0.00	0.00	5.58	2.1	329.7	0.00	2.19	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	0.23	12.54	18.92	83.84	88.52	
10-May-12 12:00:00	10-May-12 13:00:00	0.00	0.51	0.00	0.00	5.33	2.1	329.7	0.00	1.17	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	0.23	10.52	18.92	83.84	88.44	
10-May-12 13:00:00	10-May-12 14:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.43	
10-May-12 14:00:00	10-May-12 15:00:00	0.00	0.00	0.00	0.25	5.30	2.1	329.7	0.00	0.00	0.08	0.75	1.75	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.92	88.43	
10-May-12 15:00:00	10-May-12 16:00:00	0.00	0.00	0.00	0.00	5.29	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.42	
10-May-12 16:00:00	10-May-12 17:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.42	
10-May-12 17:00:00	10-May-12 18:00:00	0.00	0.00	0.00	0.00	5.26	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	0.23	10.35	1			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTCB2
Start Time	End Time	gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
12-May-12 01:00:00	12-May-12 02:00:00	0.00	1.04	0.00	574.37	6.92	2.1	329.7	0.00	0.34	0.00	189.37	2.28	0.23	10.35	18.92	83.84	86.68	12-May-12 01:00:00	0.23	10.69	18.92	273.21	88.96				
12-May-12 02:00:00	12-May-12 03:00:00	0.00	0.93	0.00	197.70	6.96	2.1	329.7	0.00	0.31	0.00	65.18	2.29	0.23	10.35	18.92	83.84	86.68	12-May-12 02:00:00	0.23	10.66	18.92	149.02	88.97				
12-May-12 03:00:00	12-May-12 04:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	12-May-12 03:00:00	0.23	10.35	18.92	83.84	88.99				
12-May-12 04:00:00	12-May-12 05:00:00	0.00	1.18	0.00	0.00	7.03	2.1	329.7	0.00	0.39	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	12-May-12 04:00:00	0.23	10.74	18.92	83.84	89.00				
12-May-12 05:00:00	12-May-12 06:00:00	0.00	10.50	0.00	0.00	7.04	2.1	329.7	0.00	3.46	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	12-May-12 05:00:00	0.23	13.81	18.92	83.84	89.00				
12-May-12 06:00:00	12-May-12 07:00:00	0.00	6.80	0.00	0.00	7.02	2.1	329.7	0.00	2.24	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	12-May-12 06:00:00	0.23	12.59	18.92	83.84	89.00				
12-May-12 07:00:00	12-May-12 08:00:00	0.00	18.04	0.00	0.00	7.00	2.1	329.7	0.00	5.95	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	12-May-12 07:00:00	0.23	16.30	18.92	83.84	88.99				
12-May-12 08:00:00	12-May-12 09:00:00	0.00	15.06	0.00	0.00	6.99	2.1	329.7	0.00	4.97	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	12-May-12 08:00:00	0.23	15.32	18.92	83.84	88.98				
12-May-12 09:00:00	12-May-12 10:00:00	0.00	11.19	0.00	0.00	6.80	2.1	329.7	0.00	3.69	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	12-May-12 09:00:00	0.23	14.04	18.92	83.84	88.92				
12-May-12 10:00:00	12-May-12 11:00:00	0.00	1.42	0.00	0.00	6.34	2.1	329.7	0.00	0.47	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-May-12 10:00:00	0.23	10.82	18.92	83.84	88.77				
12-May-12 11:00:00	12-May-12 12:00:00	0.00	9.40	0.00	0.00	5.88	2.1	329.7	0.00	3.10	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	12-May-12 11:00:00	0.23	13.45	18.92	83.84	88.62				
12-May-12 12:00:00	12-May-12 13:00:00	0.00	9.62	0.00	0.00	5.42	2.1	329.7	0.00	3.17	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	12-May-12 12:00:00	0.23	13.52	18.92	83.84	88.47				
12-May-12 13:00:00	12-May-12 14:00:00	0.00	0.25	11.63	113.14	314.46	2.1	329.7	0.00	0.08	3.83	37.30	103.68	0.23	10.35	18.92	83.84	86.68	12-May-12 13:00:00	0.23	10.43	22.75	121.14	190.36				
12-May-12 14:00:00	12-May-12 15:00:00	0.00	0.68	176.26	211.14	548.09	2.1	329.7	0.00	0.22	58.11	69.61	180.70	0.23	10.35	18.92	83.84	86.68	12-May-12 14:00:00	0.23	10.57	77.03	153.45	267.38				
12-May-12 15:00:00	12-May-12 16:00:00	0.00	0.50	220.98	474.19	620.90	2.1	329.7	0.00	0.17	72.86	156.34	204.71	0.23	10.35	18.92	83.84	86.68	12-May-12 15:00:00	0.23	10.52	91.78	240.18	291.39				
12-May-12 16:00:00	12-May-12 17:00:00	0.00	0.00	206.34	599.69	352.43	2.1	329.7	0.00	0.00	68.03	197.72	116.20	0.23	10.35	18.92	83.84	86.68	12-May-12 16:00:00	0.23	10.35	86.95	281.56	202.88				
12-May-12 17:00:00	12-May-12 18:00:00	290.22	0.10	37.71	160.56	450.15	2.1	329.7	95.68	0.03	12.43	52.94	148.42	0.23	10.35	18.92	83.84	86.68	12-May-12 17:00:00	95.91	10.38	31.35	136.78	235.10				
12-May-12 18:00:00	12-May-12 19:00:00	1,802.89	0.55	0.00	333.53	546.32	2.1	329.7	594.41	0.18	0.00	109.96	180.12	0.23	10.35	18.92	83.84	86.68	12-May-12 18:00:00	594.64	10.53	18.92	193.80	266.80				
12-May-12 19:00:00	12-May-12 20:00:00	1,934.06	0.00	44.76	332.18	563.15	2.1	329.7	637.66	0.00	14.76	109.52	185.67	0.23	10.35	18.92	83.84	86.68	12-May-12 19:00:00	637.89	10.35	33.68	193.36	272.35				
12-May-12 20:00:00	12-May-12 21:00:00	2,115.91	0.00	423.38	330.54	684.62	2.1	329.7	697.62	0.00	139.59	108.98	225.72	0.23	10.35	18.92	83.84	86.68	12-May-12 20:00:00	697.85	10.35	158.51	192.82	312.40				
12-May-12 21:00:00	12-May-12 22:00:00	2,179.79	0.00	18.47	157.57	729.52	2.1	329.7	718.68	0.00	6.09	51.95	240.52	0.23	10.35	18.92	83.84	86.68	12-May-12 21:00:00	718.91	10.35	25.01	135.79	327.20				
12-May-12 22:00:00	12-May-12 23:00:00	2,222.99	0.09	167.64	345.13	1,604.42	2.1	329.7	732.92	0.03	55.27	113.79	528.98	0.23	10.35	18.92	83.84	86.68	12-May-12 22:00:00	733.15	10.38	74.19	197.63	615.66				
12-May-12 23:00:00	13-May-12 00:00:00	2,081.90	0.12	278.69	283.55	1,667.20	2.1	329.7	686.40	0.04	91.89	93.49	549.68	0.23	10.35	18.92	83.84	86.68	12-May-12 23:00:00	686.63	10.39	110.81	177.33	636.36				
13-May-12 00:00:00	13-May-12 01:00:00	1,993.07	0.25	1.72	323.25	1,697.45	2.1	329.7	657.11	0.08	0.57	106.58	559.65	0.23	10.35	18.92	83.84	86.68	13-May-12 00:00:00	657.34	10.43	19.49	190.42	646.33				
13-May-12 01:00:00	13-May-12 02:00:00	1,615.89	1.33	0.00	133.46	1,479.01	2.1	329.7	532.76	0.44	0.00	44.00	487.63	0.23	10.35	18.92	83.84	86.68	13-May-12 01:00:00	532.99	10.79	18.92	127.84	574.31				
13-May-12 02:00:00	13-May-12 03:00:00	1,886.08	3.74	0.00	32.63	649.49	2.1	329.7	621.84	1.23	0.00	10.76	21.64	0.23	10.35	18.92	83.84	86.68	13-May-12 02:00:00	622.07	11.58	18.92	94.60	88.82				
13-May-12 03:00:00	13-May-12 04:00:00	1,669.51	5.63	0.00	0.07	6.77	2.1	329.7	550.44	1.85	0.00	0.02	2.23	0.23	10.35	18.92	83.84	86.68	13-May-12 03:00:00	550.67	12.20	18.92	83.86	88.91				
13-May-12 04:00:00	13-May-12 05:00:00	1,622.29	4.17	0.00	0.10	7.06	2.1	329.7	534.87	1.37	0.00	0.23	2.33	0.23	10.35	18.92	83.84	86.68	13-May-12 04:00:00	535.10	11.72	18.92	83.87	89.01				
13-May-12 05:00:00	13-May-12 06:00:00	1,828.97	1.66	0.00	0.16	7.34	2.1	329.7	603.01	0.55	0.00	0.05	2.42	0.23	10.35	18.92	83.84	86.68	13-May-12 05:00:00	603.24	10.90	18.92	83.89	89.10				
13-May-12 06:00:00	13-May-12 07:00:00	1,589.57	0.43	0.00	0.10	7.39	2.1	329.7	524.08	1.14	0.00	0.03	2.44	0.23	10.35	18.92	83.84	86.68	13-May-12 06:00:00	524.31	10.49	18.92	83.87	89.12				
13-May-12 07:00:00	13-May-12 08:00:00	1,818.09	1.02	2.83	0.17	7.27	2.1	329.7	599.43	0.34	0.93	0.06	2.40	0.23	10.35	18.92	83.84	86.68	13-May-12 07:00:00	599.66	10.69	19.85	83.90	89.08				
13-May-12 08:00:00	13-May-12 09:00:00	2,182.32	0.11	1,399.95	0.00	7.15	2.1	329.7	719.51	0.04	461.56	0.00	2.36	0.23	10.35	18.92	83.84	86.68	13-May-12 08:00:00	719.74	10.39	480.48	83.84	89.04				
13-May-12 09:00:00	13-May-12 10:00:00	1,981.86	0.00	1,695.94	2.49	7.03	2.1	329.7	653.42	0.00	559.15	0.82	2.32	0.23	10.35	18.92	83.84	86.68	13-May-12 09:00:00	653.65	10.35	578.07	84.66	89.00				
13-May-12 10:00:00	13-May-12 11:00:00	1,993.11	0.00	1,697.74	0.25	6.77	2.1	329.7	657.13	0.00	559.74	0.88	2.23	0.23	10.35	18.92	83.84	86.68	13-May-12 10:00:00	657.36	10.35	578.66	83.92	88.91				
13-May-12 11:00:00	13-May-12 12:00:00	2,186.00	0.18	1,698.28	73.30	489.72	2.1	329.7	720.72	0.06	559.92	24.17	161.46	0.23	10.35	18.92	83.84	86.68	13-May-12 11:00:00	720.95	10.41	578.84	108.01	248.14				
13-May-12 12:00:00	13-May-12 13:00:00	2,141.79	0.00	1,702.89	184.54	1,710.97	2.1	329.7	706.15	0.00	561.44	60.84	564.11	0.23	10.35	18.92	83.84	86.68	13-May-12 12:00:00	706.38	10.35	580.36	144.68	650.79				
13-May-12 13:00:00	13-May-12 14:00:00	2,190.30	0.00	1,703.59	569.81	1,929.80	2.1	329.7	722.14	0.00	561.67	187.87	636.25	0.23	10.35	18.92	83.84	86.68	13-May-12 13:00:00	722.37	10.35	580.59	271.71	722.93				
13-May-12 14:00:00	13-May-12 15:00:00	2,194.98	0.00	1,702.27	636.12	2,010.27	2.1	329.7	723.68	0.00	561.24	209.73	662.79	0.23	10.35	18.92	83.84	86.68	13-May-12 14:00:00	723.91	10.35	580.16	293.57	749.47				
13-May-12 15:00:00	13-May-12 16:00:00	2,194.66	0.06	1,703.12	565.00	1,929.07	2.1	329.7	723.58	0.01	561.52	186.28	636.01	0.23	10.35	18.92	83.84	86.68	13-May-12 15:00:00	723.81	10.37	580.44	270.12	722.69				
13-May-12 16:00:00	13-May-12 17:00:00	2,198.69	0.13	1,699.64	618.14	1,962.27	2.1	329.7	724.91</																			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	
15-May-12 01:00:00	15-May-12 02:00:00	2,040.80	0.00	25.12	182.20	525.57	2.1	329.7	672.85	0.00	8.28	60.07	173.28	0.23	10.35	18.92	83.84	86.68	15-May-12 01:00:00	673.08	10.35	27.20	143.91	259.96
15-May-12 02:00:00	15-May-12 03:00:00	1,739.60	0.00	107.57	272.79	817.73	2.1	329.7	573.55	0.00	35.47	89.94	269.61	0.23	10.35	18.92	83.84	86.68	15-May-12 02:00:00	573.78	10.35	54.39	173.78	356.29
15-May-12 03:00:00	15-May-12 04:00:00	1,842.40	0.00	191.08	276.79	800.95	2.1	329.7	607.44	0.00	63.00	91.26	264.07	0.23	10.35	18.92	83.84	86.68	15-May-12 03:00:00	607.67	10.35	81.92	175.10	350.75
15-May-12 04:00:00	15-May-12 05:00:00	1,819.21	0.11	32.47	323.61	805.92	2.1	329.7	599.79	0.04	10.71	106.69	265.71	0.23	10.35	18.92	83.84	86.68	15-May-12 04:00:00	600.02	10.39	29.63	190.53	352.39
15-May-12 05:00:00	15-May-12 06:00:00	1,772.27	0.00	60.31	180.64	573.05	2.1	329.7	584.32	0.00	19.88	59.56	188.94	0.23	10.35	18.92	83.84	86.68	15-May-12 05:00:00	584.55	10.35	38.80	143.40	275.62
15-May-12 06:00:00	15-May-12 07:00:00	1,405.81	0.00	0.00	0.00	7.01	2.1	329.7	463.50	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	15-May-12 06:00:00	463.73	10.35	18.92	83.84	88.99
15-May-12 07:00:00	15-May-12 08:00:00	968.73	0.00	0.00	0.00	6.76	2.1	329.7	319.39	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	15-May-12 07:00:00	319.62	10.35	18.92	83.84	88.91
15-May-12 08:00:00	15-May-12 09:00:00	832.25	0.00	0.00	0.00	6.51	2.1	329.7	274.39	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	15-May-12 08:00:00	274.62	10.35	18.92	83.84	88.83
15-May-12 09:00:00	15-May-12 10:00:00	270.43	0.45	48.25	0.10	6.28	2.1	329.7	89.16	0.15	15.91	0.03	2.07	0.23	10.35	18.92	83.84	86.68	15-May-12 09:00:00	89.39	10.50	34.83	83.87	88.75
15-May-12 10:00:00	15-May-12 11:00:00	0.00	1.25	37.91	0.00	6.12	2.1	329.7	0.00	0.41	12.50	0.00	2.02	0.23	10.35	18.92	83.84	86.68	15-May-12 10:00:00	0.23	10.76	31.42	83.84	88.70
15-May-12 11:00:00	15-May-12 12:00:00	0.00	2.55	0.00	2.12	5.88	2.1	329.7	0.00	0.84	0.00	0.70	1.94	0.23	10.35	18.92	83.84	86.68	15-May-12 11:00:00	0.23	11.19	18.92	84.54	88.62
15-May-12 12:00:00	15-May-12 13:00:00	0.00	0.78	0.00	1.01	5.64	2.1	329.7	0.00	0.26	0.33	1.86	0.23	10.35	18.92	83.84	86.68	15-May-12 12:00:00	0.23	10.61	18.92	84.17	88.54	
15-May-12 13:00:00	15-May-12 14:00:00	0.00	0.09	0.00	0.00	5.39	2.1	329.7	0.00	0.03	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	15-May-12 13:00:00	0.23	10.38	18.92	83.84	88.46
15-May-12 14:00:00	15-May-12 15:00:00	0.00	0.14	0.00	0.00	5.28	2.1	329.7	0.00	0.05	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	15-May-12 14:00:00	0.23	10.40	18.92	83.84	88.42
15-May-12 15:00:00	15-May-12 16:00:00	0.00	1.18	0.00	0.00	5.34	2.1	329.7	0.00	0.39	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	15-May-12 15:00:00	0.23	10.74	18.92	83.84	88.44
15-May-12 16:00:00	15-May-12 17:00:00	0.00	1.81	0.00	0.00	5.40	2.1	329.7	0.00	0.60	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	15-May-12 16:00:00	0.23	10.95	18.92	83.84	88.46
15-May-12 17:00:00	15-May-12 18:00:00	0.00	1.49	0.00	0.00	5.48	2.1	329.7	0.00	0.49	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	15-May-12 17:00:00	0.23	10.84	18.92	83.84	88.49
15-May-12 18:00:00	15-May-12 19:00:00	0.00	1.15	0.00	0.00	5.64	2.1	329.7	0.00	0.38	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	15-May-12 18:00:00	0.23	10.73	18.92	83.84	88.54
15-May-12 19:00:00	15-May-12 20:00:00	0.00	0.50	0.00	0.00	5.68	2.1	329.7	0.00	0.16	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	15-May-12 19:00:00	0.23	10.51	18.92	83.84	88.55
15-May-12 20:00:00	15-May-12 21:00:00	0.00	0.97	0.00	0.00	5.72	2.1	329.7	0.00	0.32	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	15-May-12 20:00:00	0.23	10.67	18.92	83.84	88.57
15-May-12 21:00:00	15-May-12 22:00:00	0.00	1.04	0.00	9.08	37.04	2.1	329.7	0.00	0.34	0.00	2.99	12.21	0.23	10.35	18.92	83.84	86.68	15-May-12 21:00:00	0.23	10.69	18.92	86.83	98.89
15-May-12 22:00:00	15-May-12 23:00:00	0.00	0.00	0.00	0.00	6.18	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	15-May-12 22:00:00	0.23	10.35	18.92	83.84	88.72
15-May-12 23:00:00	16-May-12 00:00:00	0.00	2.01	0.00	0.00	6.50	2.1	329.7	0.00	0.66	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	15-May-12 23:00:00	0.23	11.01	18.92	83.84	88.82
16-May-12 00:00:00	16-May-12 01:00:00	0.00	0.82	0.00	0.00	6.82	2.1	329.7	0.00	0.27	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	16-May-12 00:00:00	0.23	10.62	18.92	83.84	88.93
16-May-12 01:00:00	16-May-12 02:00:00	0.00	0.19	0.00	0.00	6.84	2.1	329.7	0.00	0.06	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	16-May-12 01:00:00	0.23	10.41	18.92	83.84	88.94
16-May-12 02:00:00	16-May-12 03:00:00	0.00	0.13	0.00	0.00	6.75	2.1	329.7	0.00	0.04	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	16-May-12 02:00:00	0.23	10.39	18.92	83.84	88.91
16-May-12 03:00:00	16-May-12 04:00:00	0.00	0.07	0.00	0.00	6.66	2.1	329.7	0.00	0.02	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	16-May-12 03:00:00	0.23	10.37	18.92	83.84	88.88
16-May-12 04:00:00	16-May-12 05:00:00	0.00	0.01	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	16-May-12 04:00:00	0.23	10.35	18.92	83.84	88.85
16-May-12 05:00:00	16-May-12 06:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	16-May-12 05:00:00	0.23	10.35	18.92	83.84	88.91
16-May-12 06:00:00	16-May-12 07:00:00	0.00	0.00	0.00	0.00	6.77	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	16-May-12 06:00:00	0.23	10.35	18.92	83.84	88.91
16-May-12 07:00:00	16-May-12 08:00:00	0.00	0.65	0.00	0.00	6.78	2.1	329.7	0.00	0.21	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	16-May-12 07:00:00	0.23	10.56	18.92	83.84	88.92
16-May-12 08:00:00	16-May-12 09:00:00	0.00	1.03	0.00	0.00	6.79	2.1	329.7	0.00	0.34	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	16-May-12 08:00:00	0.23	10.69	18.92	83.84	88.92
16-May-12 09:00:00	16-May-12 10:00:00	0.00	0.70	0.00	0.00	6.78	2.1	329.7	0.00	0.23	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	16-May-12 09:00:00	0.23	10.58	18.92	83.84	88.91
16-May-12 10:00:00	16-May-12 11:00:00	0.00	0.38	0.00	0.00	6.50	2.1	329.7	0.00	0.13	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	16-May-12 10:00:00	0.23	10.48	18.92	83.84	88.82
16-May-12 11:00:00	16-May-12 12:00:00	0.00	0.07	0.00	0.00	6.21	2.1	329.7	0.00	0.02	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	16-May-12 11:00:00	0.23	10.37	18.92	83.84	88.73
16-May-12 12:00:00	16-May-12 13:00:00	0.00	0.13	0.00	0.00	5.93	2.1	329.7	0.00	0.04	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	16-May-12 12:00:00	0.23	10.39	18.92	83.84	88.64
16-May-12 13:00:00	16-May-12 14:00:00	0.00	1.31	0.00	0.00	5.73	2.1	329.7	0.00	0.43	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	16-May-12 13:00:00	0.23	10.78	18.92	83.84	88.57
16-May-12 14:00:00	16-May-12 15:00:00	0.00	0.90	0.00	0.00	5.63	2.1	329.7	0.00	0.30	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	16-May-12 14:00:00	0.23	10.65	18.92	83.84	88.54
16-May-12 15:00:00	16-May-12 16:00:00	0.00	1.14	0.00	0.00	5.53	2.1	329.7	0.00	0.38	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	16-May-12 15:00:00	0.23	10.73	18.92	83.84	88.50
16-May-12 16:00:00	16-May-12 17:00:00	0.00	2.01	0.00	0.00	5.43	2.1	329.7	0.00	0.66	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	16-May-12 16:00:00	0.23	11.01	18.92	83.84	88.47
16-May-12 17:00:00	16-May-12 18:00:00	0.00	0.39	0.00	0.00	5.63	2.1	329.7	0.00	0.13	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	16-May-12 17:00:00	0.23	10.48	18.92	83.84	88.54
16-May-12 18:00:00	16-May-12 19:00:00	0.00	0.00	0.00																				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
18-May-12 01:00:00	18-May-12 02:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	18-May-12 01:00:00	0.23	10.35	18.92	83.84	89.01
18-May-12 02:00:00	18-May-12 03:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	18-May-12 02:00:00	0.23	10.35	18.92	83.84	89.00
18-May-12 03:00:00	18-May-12 04:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	18-May-12 03:00:00	0.23	10.35	18.92	83.84	88.98
18-May-12 04:00:00	18-May-12 05:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	18-May-12 04:00:00	0.23	10.35	18.92	83.84	88.97
18-May-12 05:00:00	18-May-12 06:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	18-May-12 05:00:00	0.23	10.35	18.92	83.84	89.00
18-May-12 06:00:00	18-May-12 07:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	18-May-12 06:00:00	0.23	10.35	18.92	83.84	89.03
18-May-12 07:00:00	18-May-12 08:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	18-May-12 07:00:00	0.23	10.35	18.92	83.84	89.05
18-May-12 08:00:00	18-May-12 09:00:00	0.00	0.00	0.00	0.15	7.24	2.1	329.7	0.00	0.00	0.00	0.05	2.39	0.23	10.35	18.92	83.84	86.68	18-May-12 08:00:00	0.23	10.35	18.92	83.89	89.07
18-May-12 09:00:00	18-May-12 10:00:00	0.00	0.00	0.00	0.00	7.03	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	18-May-12 09:00:00	0.23	10.35	18.92	83.84	89.00
18-May-12 10:00:00	18-May-12 11:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	18-May-12 10:00:00	0.23	10.35	18.92	83.84	88.95
18-May-12 11:00:00	18-May-12 12:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	18-May-12 11:00:00	0.23	10.35	18.92	83.84	88.90
18-May-12 12:00:00	18-May-12 13:00:00	0.00	0.00	0.00	0.00	6.59	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	18-May-12 12:00:00	0.23	10.35	18.92	83.84	88.85
18-May-12 13:00:00	18-May-12 14:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	18-May-12 13:00:00	0.23	10.35	18.92	83.84	88.82
18-May-12 14:00:00	18-May-12 15:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	18-May-12 14:00:00	0.23	10.35	18.92	83.84	88.80
18-May-12 15:00:00	18-May-12 16:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-May-12 15:00:00	0.23	10.35	18.92	83.84	88.77
18-May-12 16:00:00	18-May-12 17:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	18-May-12 16:00:00	0.23	10.35	18.92	83.84	88.75
18-May-12 17:00:00	18-May-12 18:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	18-May-12 17:00:00	0.23	10.35	18.92	83.84	88.71
18-May-12 18:00:00	18-May-12 19:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	18-May-12 18:00:00	0.23	10.35	18.92	83.84	88.76
18-May-12 19:00:00	18-May-12 20:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	18-May-12 19:00:00	0.23	10.35	18.92	83.84	88.82
18-May-12 20:00:00	18-May-12 21:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	18-May-12 20:00:00	0.23	10.35	18.92	83.84	88.87
18-May-12 21:00:00	18-May-12 22:00:00	0.00	0.00	0.00	0.00	6.70	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	18-May-12 21:00:00	0.23	10.35	18.92	83.84	88.89
18-May-12 22:00:00	18-May-12 23:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	18-May-12 22:00:00	0.23	10.35	18.92	83.84	88.94
18-May-12 23:00:00	19-May-12 00:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	18-May-12 23:00:00	0.23	10.35	18.92	83.84	88.99
19-May-12 00:00:00	19-May-12 01:00:00	0.00	0.00	0.00	0.00	7.14	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	19-May-12 00:00:00	0.23	10.35	18.92	83.84	89.04
19-May-12 01:00:00	19-May-12 02:00:00	0.00	0.00	0.00	0.00	7.21	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	19-May-12 01:00:00	0.23	10.35	18.92	83.84	89.06
19-May-12 02:00:00	19-May-12 03:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	19-May-12 02:00:00	0.23	10.35	18.92	83.84	89.08
19-May-12 03:00:00	19-May-12 04:00:00	0.00	0.00	0.00	0.00	7.37	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	19-May-12 03:00:00	0.23	10.35	18.92	83.84	89.11
19-May-12 04:00:00	19-May-12 05:00:00	0.00	0.00	0.00	0.11	7.45	2.1	329.7	0.00	0.00	0.00	0.04	2.46	0.23	10.35	18.92	83.84	86.68	19-May-12 04:00:00	0.23	10.35	18.92	83.88	89.14
19-May-12 05:00:00	19-May-12 06:00:00	0.00	0.00	0.00	0.16	7.51	2.1	329.7	0.00	0.00	0.00	0.05	2.48	0.23	10.35	18.92	83.84	86.68	19-May-12 05:00:00	0.23	10.35	18.92	83.89	89.15
19-May-12 06:00:00	19-May-12 07:00:00	0.00	0.00	0.00	0.11	7.50	2.1	329.7	0.00	0.00	0.00	0.04	2.47	0.23	10.35	18.92	83.84	86.68	19-May-12 06:00:00	0.23	10.35	18.92	83.88	89.15
19-May-12 07:00:00	19-May-12 08:00:00	0.00	0.00	0.00	0.00	7.49	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	19-May-12 07:00:00	0.23	10.35	18.92	83.84	89.15
19-May-12 08:00:00	19-May-12 09:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	19-May-12 08:00:00	0.23	10.35	18.92	83.84	89.15
19-May-12 09:00:00	19-May-12 10:00:00	0.00	0.00	0.00	0.08	7.28	2.1	329.7	0.00	0.00	0.00	0.03	2.40	0.23	10.35	18.92	83.84	86.68	19-May-12 09:00:00	0.23	10.35	18.92	83.87	89.08
19-May-12 10:00:00	19-May-12 11:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	19-May-12 10:00:00	0.23	10.35	18.92	83.84	88.95
19-May-12 11:00:00	19-May-12 12:00:00	0.00	0.00	0.00	0.11	6.50	2.1	329.7	0.00	0.00	0.00	0.04	2.14	0.23	10.35	18.92	83.84	86.68	19-May-12 11:00:00	0.23	10.35	18.92	83.88	88.82
19-May-12 12:00:00	19-May-12 13:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	19-May-12 12:00:00	0.23	10.35	18.92	83.84	88.69
19-May-12 13:00:00	19-May-12 14:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	19-May-12 13:00:00	0.23	10.35	18.92	83.84	88.60
19-May-12 14:00:00	19-May-12 15:00:00	0.00	0.00	0.00	0.34	5.81	2.1	329.7	0.00	0.00	0.00	0.11	1.92	0.23	10.35	18.92	83.84	86.68	19-May-12 14:00:00	0.23	10.35	18.92	83.95	88.60
19-May-12 15:00:00	19-May-12 16:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	19-May-12 15:00:00	0.23	10.35	18.92	83.84	88.59
19-May-12 16:00:00	19-May-12 17:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	19-May-12 16:00:00	0.23	10.35	18.92	83.84	88.59
19-May-12 17:00:00	19-May-12 18:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	19-May-12 17:00:00	0.23	10.35	18.92	83.84	88.62
19-May-12 18:00:00	19-May-12 19:00:00	0.00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84</							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
21-May-12 01:00:00	21-May-12 02:00:00	0.00	1.04	0.00	0.00	6.91	2.1	329.7	0.00	0.34	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	21-May-12 01:00:00	0.23	10.69	18.92	83.84	88.96
21-May-12 02:00:00	21-May-12 03:00:00	0.00	0.36	0.00	0.00	6.98	2.1	329.7	0.00	0.12	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	21-May-12 02:00:00	0.23	10.47	18.92	83.84	88.98
21-May-12 03:00:00	21-May-12 04:00:00	0.00	0.24	0.00	0.00	7.06	2.1	329.7	0.00	0.08	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	21-May-12 03:00:00	0.23	10.43	18.92	83.84	89.01
21-May-12 04:00:00	21-May-12 05:00:00	0.00	0.12	0.00	0.00	7.13	2.1	329.7	0.00	0.04	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	21-May-12 04:00:00	0.23	10.39	18.92	83.84	89.03
21-May-12 05:00:00	21-May-12 06:00:00	0.00	0.01	0.00	0.00	7.14	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	21-May-12 05:00:00	0.23	10.35	18.92	83.84	89.03
21-May-12 06:00:00	21-May-12 07:00:00	0.00	0.00	0.00	0.00	7.12	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	21-May-12 06:00:00	0.23	10.35	18.92	83.84	89.03
21-May-12 07:00:00	21-May-12 08:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	21-May-12 07:00:00	0.23	10.35	18.92	83.84	89.02
21-May-12 08:00:00	21-May-12 09:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	21-May-12 08:00:00	0.23	10.35	18.92	83.84	89.02
21-May-12 09:00:00	21-May-12 10:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	21-May-12 09:00:00	0.23	10.35	18.92	83.84	88.94
21-May-12 10:00:00	21-May-12 11:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	21-May-12 10:00:00	0.23	10.35	18.92	83.84	88.79
21-May-12 11:00:00	21-May-12 12:00:00	0.00	0.22	0.00	0.00	5.94	2.1	329.7	0.00	0.07	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	21-May-12 11:00:00	0.23	10.42	18.92	83.84	88.64
21-May-12 12:00:00	21-May-12 13:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	21-May-12 12:00:00	0.23	10.35	18.92	83.84	88.49
21-May-12 13:00:00	21-May-12 14:00:00	0.00	0.19	0.00	0.00	5.28	2.1	329.7	0.00	0.06	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	21-May-12 13:00:00	0.23	10.41	18.92	83.84	88.42
21-May-12 14:00:00	21-May-12 15:00:00	0.00	0.25	0.00	0.00	5.27	2.1	329.7	0.00	0.08	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	21-May-12 14:00:00	0.23	10.43	18.92	83.84	88.42
21-May-12 15:00:00	21-May-12 16:00:00	0.00	0.276	0.00	0.00	5.24	2.1	329.7	0.00	0.91	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	21-May-12 15:00:00	0.23	11.26	18.92	83.84	88.41
21-May-12 16:00:00	21-May-12 17:00:00	0.00	0.317	0.00	0.00	5.22	2.1	329.7	0.00	1.04	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	21-May-12 16:00:00	0.23	11.39	18.92	83.84	88.40
21-May-12 17:00:00	21-May-12 18:00:00	0.00	0.176	0.00	0.00	5.25	2.1	329.7	0.00	0.58	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	21-May-12 17:00:00	0.23	10.93	18.92	83.84	88.41
21-May-12 18:00:00	21-May-12 19:00:00	0.00	1.18	0.00	0.00	5.33	2.1	329.7	0.00	0.39	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	21-May-12 18:00:00	0.23	10.74	18.92	83.84	88.44
21-May-12 19:00:00	21-May-12 20:00:00	0.00	0.59	0.00	0.00	5.42	2.1	329.7	0.00	0.20	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	21-May-12 19:00:00	0.23	10.55	18.92	83.84	88.47
21-May-12 20:00:00	21-May-12 21:00:00	0.00	0.14	0.00	0.00	5.50	2.1	329.7	0.00	0.05	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	21-May-12 20:00:00	0.23	10.40	18.92	83.84	88.49
21-May-12 21:00:00	21-May-12 22:00:00	0.00	1.54	0.00	0.00	5.87	2.1	329.7	0.00	0.51	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	21-May-12 21:00:00	0.23	10.86	18.92	83.84	88.62
21-May-12 22:00:00	21-May-12 23:00:00	0.00	1.35	0.00	0.00	6.27	2.1	329.7	0.00	0.45	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	21-May-12 22:00:00	0.23	10.80	18.92	83.84	88.75
21-May-12 23:00:00	22-May-12 00:00:00	0.00	1.32	0.00	0.05	6.65	2.1	329.7	0.00	0.43	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	21-May-12 23:00:00	0.23	10.78	18.92	83.86	88.87
22-May-12 00:00:00	22-May-12 01:00:00	0.00	0.91	0.00	0.72	7.04	2.1	329.7	0.00	0.30	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	22-May-12 00:00:00	0.23	10.65	18.92	84.08	89.00
22-May-12 01:00:00	22-May-12 02:00:00	0.00	0.62	0.00	1.56	7.16	2.1	329.7	0.00	0.21	0.00	0.00	0.51	0.23	10.35	18.92	83.84	86.68	22-May-12 01:00:00	0.23	10.56	18.92	84.35	89.04
22-May-12 02:00:00	22-May-12 03:00:00	0.00	0.12	0.00	2.40	7.11	2.1	329.7	0.00	0.04	0.00	0.00	0.79	0.23	10.35	18.92	83.84	86.68	22-May-12 02:00:00	0.23	10.39	18.92	84.63	89.02
22-May-12 03:00:00	22-May-12 04:00:00	0.00	0.00	0.00	2.68	7.06	2.1	329.7	0.00	0.00	0.00	0.00	0.88	0.23	10.35	18.92	83.84	86.68	22-May-12 03:00:00	0.23	10.35	18.92	84.72	89.01
22-May-12 04:00:00	22-May-12 05:00:00	0.00	0.00	0.00	1.52	7.01	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	22-May-12 04:00:00	0.23	10.35	18.92	84.34	88.99
22-May-12 05:00:00	22-May-12 06:00:00	0.00	0.00	0.00	2.74	6.95	2.1	329.7	0.00	0.00	0.00	0.00	0.90	0.23	10.35	18.92	83.84	86.68	22-May-12 05:00:00	0.23	10.35	18.92	84.74	88.97
22-May-12 06:00:00	22-May-12 07:00:00	0.00	0.00	0.00	2.54	6.94	2.1	329.7	0.00	0.00	0.00	0.00	0.84	0.23	10.35	18.92	83.84	86.68	22-May-12 06:00:00	0.23	10.35	18.92	84.68	88.97
22-May-12 07:00:00	22-May-12 08:00:00	0.00	0.00	0.00	2.01	6.93	2.1	329.7	0.00	0.00	0.00	0.00	0.66	0.23	10.35	18.92	83.84	86.68	22-May-12 07:00:00	0.23	10.35	18.92	84.50	88.96
22-May-12 08:00:00	22-May-12 09:00:00	0.00	0.00	0.00	2.74	6.92	2.1	329.7	0.00	0.00	0.00	0.00	0.90	0.23	10.35	18.92	83.84	86.68	22-May-12 08:00:00	0.23	10.35	18.92	84.74	88.96
22-May-12 09:00:00	22-May-12 10:00:00	0.00	0.00	0.00	3.93	6.79	2.1	329.7	0.00	0.00	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	22-May-12 09:00:00	0.23	10.35	18.92	85.14	88.92
22-May-12 10:00:00	22-May-12 11:00:00	0.00	396.57	84.14	2.64	6.48	2.1	329.7	0.00	130.75	27.74	0.87	2.14	0.23	10.35	18.92	83.84	86.68	22-May-12 10:00:00	0.23	141.10	46.66	84.71	88.82
22-May-12 11:00:00	22-May-12 12:00:00	0.00	1,078.34	70.17	0.13	6.18	2.1	329.7	0.00	355.53	23.14	0.04	2.04	0.23	10.35	18.92	83.84	86.68	22-May-12 11:00:00	0.23	365.88	42.06	83.88	88.72
22-May-12 12:00:00	22-May-12 13:00:00	0.00	1,138.02	0.00	0.12	5.87	2.1	329.7	0.00	375.20	0.00	0.04	1.93	0.23	10.35	18.92	83.84	86.68	22-May-12 12:00:00	0.23	385.55	18.92	83.88	88.61
22-May-12 13:00:00	22-May-12 14:00:00	0.00	1,122.63	3.58	0.10	5.71	2.1	329.7	0.00	370.13	1.18	0.03	1.88	0.23	10.35	18.92	83.84	86.68	22-May-12 13:00:00	0.23	380.48	20.10	83.87	88.56
22-May-12 14:00:00	22-May-12 15:00:00	0.00	1,060.97	0.00	0.08	5.57	2.1	329.7	0.00	349.80	0.00	0.03	1.84	0.23	10.35	18.92	83.84	86.68						

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
24-May-12 01:00:00	24-May-12 02:00:00	0.00	0.57	0.00	0.81	7.14	2.1	329.7	0.00	0.19	0.00	0.27	2.35	0.23	10.35	18.92	83.84	86.68	24-May-12 01:00:00	0.23	10.54	18.92	84.11	89.03					
24-May-12 02:00:00	24-May-12 03:00:00	0.00	0.24	0.00	0.19	7.46	2.1	329.7	0.00	0.08	0.00	0.06	2.46	0.23	10.35	18.92	83.84	86.68	24-May-12 02:00:00	0.23	10.43	18.92	83.90	89.14					
24-May-12 03:00:00	24-May-12 04:00:00	0.00	1.00	0.00	0.08	7.44	2.1	329.7	0.00	0.33	0.00	0.03	2.45	0.23	10.35	18.92	83.84	86.68	24-May-12 03:00:00	0.23	10.68	18.92	83.87	89.13					
24-May-12 04:00:00	24-May-12 05:00:00	0.00	2.09	0.00	0.00	7.42	2.1	329.7	0.00	0.69	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	24-May-12 04:00:00	0.23	11.04	18.92	83.84	89.13					
24-May-12 05:00:00	24-May-12 06:00:00	0.00	0.29	0.00	0.00	7.41	2.1	329.7	0.00	0.09	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	24-May-12 05:00:00	0.23	10.44	18.92	83.84	89.12					
24-May-12 06:00:00	24-May-12 07:00:00	0.00	0.19	0.00	0.00	7.36	2.1	329.7	0.00	0.06	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	24-May-12 06:00:00	0.23	10.41	18.92	83.84	89.11					
24-May-12 07:00:00	24-May-12 08:00:00	0.00	0.09	0.00	0.00	7.23	2.1	329.7	0.00	0.03	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	24-May-12 07:00:00	0.23	10.38	18.92	83.84	89.06					
24-May-12 08:00:00	24-May-12 09:00:00	0.00	0.06	0.00	0.13	7.10	2.1	329.7	0.00	0.02	0.00	0.04	2.34	0.23	10.35	18.92	83.84	86.68	24-May-12 08:00:00	0.23	10.37	18.92	83.88	89.02					
24-May-12 09:00:00	24-May-12 10:00:00	0.00	0.31	0.00	0.00	6.97	2.1	329.7	0.00	0.10	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	24-May-12 09:00:00	0.23	10.45	18.92	83.84	88.98					
24-May-12 10:00:00	24-May-12 11:00:00	0.00	0.59	0.00	0.27	6.72	2.1	329.7	0.00	0.19	0.00	0.09	2.21	0.23	10.35	18.92	83.84	86.68	24-May-12 10:00:00	0.23	10.54	18.92	83.93	88.89					
24-May-12 11:00:00	24-May-12 12:00:00	0.00	0.87	0.00	0.00	6.34	2.1	329.7	0.00	0.29	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	24-May-12 11:00:00	0.23	10.64	18.92	83.84	88.77					
24-May-12 12:00:00	24-May-12 13:00:00	0.00	0.44	0.00	0.00	5.95	2.1	329.7	0.00	0.15	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	24-May-12 12:00:00	0.23	10.50	18.92	83.84	88.64					
24-May-12 13:00:00	24-May-12 14:00:00	0.00	1.12	0.00	0.00	5.58	2.1	329.7	0.00	0.37	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	24-May-12 13:00:00	0.23	10.72	18.92	83.84	88.52					
24-May-12 14:00:00	24-May-12 15:00:00	0.00	3.25	0.00	0.00	5.57	2.1	329.7	0.00	1.07	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	24-May-12 14:00:00	0.23	11.42	18.92	83.84	88.52					
24-May-12 15:00:00	24-May-12 16:00:00	0.00	3.86	0.00	0.00	5.57	2.1	329.7	0.00	1.27	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	24-May-12 15:00:00	0.23	11.62	18.92	83.84	88.52					
24-May-12 16:00:00	24-May-12 17:00:00	0.00	2.59	0.00	0.00	5.58	2.1	329.7	0.00	0.85	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	24-May-12 16:00:00	0.23	11.20	18.92	83.84	88.52					
24-May-12 17:00:00	24-May-12 18:00:00	0.00	1.40	0.00	0.00	5.59	2.1	329.7	0.00	0.46	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	24-May-12 17:00:00	0.23	10.81	18.92	83.84	88.52					
24-May-12 18:00:00	24-May-12 19:00:00	0.00	0.91	0.00	0.00	5.71	2.1	329.7	0.00	0.30	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-May-12 18:00:00	0.23	10.65	18.92	83.84	88.56					
24-May-12 19:00:00	24-May-12 20:00:00	0.00	0.42	0.00	0.00	5.92	2.1	329.7	0.00	0.14	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	24-May-12 19:00:00	0.23	10.49	18.92	83.84	88.63					
24-May-12 20:00:00	24-May-12 21:00:00	0.00	0.38	0.00	0.00	6.12	2.1	329.7	0.00	0.12	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	24-May-12 20:00:00	0.23	10.47	18.92	83.84	88.70					
24-May-12 21:00:00	24-May-12 22:00:00	0.00	1.98	0.00	0.00	6.34	2.1	329.7	0.00	0.65	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	24-May-12 21:00:00	0.23	11.00	18.92	83.84	88.77					
24-May-12 22:00:00	24-May-12 23:00:00	0.00	0.63	0.00	0.00	6.59	2.1	329.7	0.00	0.21	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	24-May-12 22:00:00	0.23	10.56	18.92	83.84	88.85					
24-May-12 23:00:00	25-May-12 00:00:00	0.00	0.02	0.00	0.00	6.70	2.1	329.7	0.00	0.01	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	24-May-12 23:00:00	0.23	10.36	18.92	83.84	88.89					
25-May-12 00:00:00	25-May-12 01:00:00	0.00	0.04	0.00	0.00	6.81	2.1	329.7	0.00	0.01	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	25-May-12 00:00:00	0.23	10.36	18.92	83.84	88.92					
25-May-12 01:00:00	25-May-12 02:00:00	0.00	1.35	0.00	0.00	6.91	2.1	329.7	0.00	0.45	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	25-May-12 01:00:00	0.23	10.80	18.92	83.84	88.96					
25-May-12 02:00:00	25-May-12 03:00:00	0.00	3.02	0.00	0.00	6.86	2.1	329.7	0.00	0.99	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	25-May-12 02:00:00	0.23	11.34	18.92	83.84	88.94					
25-May-12 03:00:00	25-May-12 04:00:00	0.00	1.68	0.00	0.00	6.86	2.1	329.7	0.00	0.55	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	25-May-12 03:00:00	0.23	10.90	18.92	83.84	88.94					
25-May-12 04:00:00	25-May-12 05:00:00	0.00	3.77	0.00	0.00	6.87	2.1	329.7	0.00	1.24	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	25-May-12 04:00:00	0.23	11.59	18.92	83.84	88.94					
25-May-12 05:00:00	25-May-12 06:00:00	0.00	2.64	0.00	0.00	6.87	2.1	329.7	0.00	0.87	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	25-May-12 05:00:00	0.23	11.22	18.92	83.84	88.94					
25-May-12 06:00:00	25-May-12 07:00:00	0.00	1.19	0.00	0.00	6.83	2.1	329.7	0.00	0.39	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	25-May-12 06:00:00	0.23	10.74	18.92	83.84	88.93					
25-May-12 07:00:00	25-May-12 08:00:00	0.00	0.22	0.00	0.00	6.69	2.1	329.7	0.00	0.07	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	25-May-12 07:00:00	0.23	10.42	18.92	83.84	88.89					
25-May-12 08:00:00	25-May-12 09:00:00	0.00	0.50	0.00	0.00	6.55	2.1	329.7	0.00	0.10	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	25-May-12 08:00:00	0.23	10.52	18.92	83.84	88.84					
25-May-12 09:00:00	25-May-12 10:00:00	0.00	0.78	0.00	0.00	6.41	2.1	329.7	0.00	0.26	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	25-May-12 09:00:00	0.23	10.61	18.92	83.84	88.79					
25-May-12 10:00:00	25-May-12 11:00:00	0.00	1.48	0.00	0.00	6.28	2.1	329.7	0.00	0.49	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	25-May-12 10:00:00	0.23	10.84	18.92	83.84	88.75					
25-May-12 11:00:00	25-May-12 12:00:00	0.00	1.73	0.00	0.00	5.97	2.1	329.7	0.00	0.57	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	25-May-12 11:00:00	0.23	10.92	18.92	83.84	88.65					
25-May-12 12:00:00	25-May-12 13:00:00	0.00	2.50	0.00	0.00	5.65	2.1	329.7	0.00	0.82	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	25-May-12 12:00:00	0.23	11.17	18.92	83.84	88.54					
25-May-12 13:00:00	25-May-12 14:00:00	0.00	2.10	0.00	0.00	5.34	2.1	329.7	0.00	0.69	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	25-May-12 13:00:00	0.23	11.04	18.92	83.84	88.44					
25-May-12 14:00:00	25-May-12 15:00:00	0.00	2.12	0.00	0.00	5.22	2.1	329.7	0.00	0.70	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	25-May-12 14:00:00	0.23	11.05	18.92	83.84	88.40					
25-May-12 15:00:00	25-May-12 16:00:00	0.00	1.47	0.00	0.00	5.23	2.1	329.7	0.00	0.49	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	25-May-12 15:00:00	0.23	10.84	18.92	83.84	88.40					
25-May-12 16:00:00	25-May-12 17:00:00	0.00	0.82	0.00	0.00	5.24	2.1	329.7	0.00	0.27	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	25-May-12 16:00:00	0.23	10.62	18.92	83.84	88.41					
25-May-12 17:00:00	25-May-12 18:00:00	0.00	0.29	0.00	0.00	5.25	2.1	329.7	0.00	0.10	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	25-May-12 17:00:00	0.23	10.45	18.92	83.84	88.41					
25-May-12 18:00:00	25-May-12 19:00:00	0.00	0.48	0.00	0.0																								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
27-May-12 01:00:00	27-May-12 02:00:00	0.00	0.27	0.00	0.00	6.73	2.1	329.7	0.00	0.09	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	27-May-12 01:00:00	0.23	10.44	18.92	83.84	88.90
27-May-12 02:00:00	27-May-12 03:00:00	0.00	0.70	0.00	0.00	6.99	2.1	329.7	0.00	0.23	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	27-May-12 02:00:00	0.23	10.58	18.92	83.84	88.98
27-May-12 03:00:00	27-May-12 04:00:00	0.00	1.18	0.00	0.00	7.14	2.1	329.7	0.00	0.39	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	27-May-12 03:00:00	0.23	10.74	18.92	83.84	89.04
27-May-12 04:00:00	27-May-12 05:00:00	0.00	2.60	0.00	0.00	7.30	2.1	329.7	0.00	0.86	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	27-May-12 04:00:00	0.23	11.21	18.92	83.84	89.09
27-May-12 05:00:00	27-May-12 06:00:00	0.00	2.08	0.00	0.00	7.45	2.1	329.7	0.00	0.69	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-May-12 05:00:00	0.23	11.04	18.92	83.84	89.14
27-May-12 06:00:00	27-May-12 07:00:00	0.00	5.74	0.00	0.22	7.44	2.1	329.7	0.00	1.89	0.00	0.07	2.45	0.23	10.35	18.92	83.84	86.68	27-May-12 06:00:00	0.23	12.24	18.92	83.91	89.13
27-May-12 07:00:00	27-May-12 08:00:00	0.00	5.14	0.00	0.00	7.18	2.1	329.7	0.00	1.69	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	27-May-12 07:00:00	0.23	12.04	18.92	83.84	89.05
27-May-12 08:00:00	27-May-12 09:00:00	0.00	2.50	0.00	0.00	6.92	2.1	329.7	0.00	0.82	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-May-12 08:00:00	0.23	11.17	18.92	83.84	88.96
27-May-12 09:00:00	27-May-12 10:00:00	0.00	1.46	0.00	0.00	6.66	2.1	329.7	0.00	0.48	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	27-May-12 09:00:00	0.23	10.83	18.92	83.84	88.88
27-May-12 10:00:00	27-May-12 11:00:00	0.00	2.81	0.00	0.00	6.67	2.1	329.7	0.00	0.93	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	27-May-12 10:00:00	0.23	11.28	18.92	83.84	88.88
27-May-12 11:00:00	27-May-12 12:00:00	0.00	1.82	0.00	0.00	6.52	2.1	329.7	0.00	0.60	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	27-May-12 11:00:00	0.23	10.95	18.92	83.84	88.83
27-May-12 12:00:00	27-May-12 13:00:00	0.00	1.10	0.00	0.00	6.38	2.1	329.7	0.00	0.36	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	27-May-12 12:00:00	0.23	10.71	18.92	83.84	88.78
27-May-12 13:00:00	27-May-12 14:00:00	0.00	0.73	0.00	0.00	6.23	2.1	329.7	0.00	0.24	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	27-May-12 13:00:00	0.23	10.59	18.92	83.84	88.74
27-May-12 14:00:00	27-May-12 15:00:00	0.00	0.36	0.00	0.00	6.12	2.1	329.7	0.00	0.12	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	27-May-12 14:00:00	0.23	10.47	18.92	83.84	88.70
27-May-12 15:00:00	27-May-12 16:00:00	0.00	0.04	0.00	0.00	5.94	2.1	329.7	0.00	0.01	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	27-May-12 15:00:00	0.23	10.36	18.92	83.84	88.64
27-May-12 16:00:00	27-May-12 17:00:00	0.00	0.29	0.00	0.00	5.75	2.1	329.7	0.00	0.10	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	27-May-12 16:00:00	0.23	10.45	18.92	83.84	88.58
27-May-12 17:00:00	27-May-12 18:00:00	0.00	0.60	0.00	0.00	5.56	2.1	329.7	0.00	0.20	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	27-May-12 17:00:00	0.23	10.55	18.92	83.84	88.51
27-May-12 18:00:00	27-May-12 19:00:00	0.00	0.39	0.00	0.00	5.65	2.1	329.7	0.00	0.13	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	27-May-12 18:00:00	0.23	10.48	18.92	83.84	88.54
27-May-12 19:00:00	27-May-12 20:00:00	0.00	0.23	0.00	0.00	6.04	2.1	329.7	0.00	0.08	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	27-May-12 19:00:00	0.23	10.43	18.92	83.84	88.67
27-May-12 20:00:00	27-May-12 21:00:00	0.00	0.08	0.00	0.00	6.43	2.1	329.7	0.00	0.03	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	27-May-12 20:00:00	0.23	10.38	18.92	83.84	88.80
27-May-12 21:00:00	27-May-12 22:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	27-May-12 21:00:00	0.23	10.35	18.92	83.84	88.93
27-May-12 22:00:00	27-May-12 23:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-May-12 22:00:00	0.23	10.35	18.92	83.84	88.96
27-May-12 23:00:00	28-May-12 00:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-May-12 23:00:00	0.23	10.35	18.92	83.84	88.96
28-May-12 00:00:00	28-May-12 01:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-May-12 00:00:00	0.23	10.35	18.92	83.84	88.96
28-May-12 01:00:00	28-May-12 02:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-May-12 01:00:00	0.23	10.35	18.92	83.84	88.96
28-May-12 02:00:00	28-May-12 03:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	28-May-12 02:00:00	0.23	10.35	18.92	83.84	88.99
28-May-12 03:00:00	28-May-12 04:00:00	0.00	0.00	0.00	0.10	6.97	2.1	329.7	0.00	0.00	0.00	0.03	2.30	0.23	10.35	18.92	83.84	86.68	28-May-12 03:00:00	0.23	10.35	18.92	83.87	88.98
28-May-12 04:00:00	28-May-12 05:00:00	0.00	0.00	0.00	0.08	6.94	2.1	329.7	0.00	0.00	0.00	0.02	2.29	0.23	10.35	18.92	83.84	86.68	28-May-12 04:00:00	0.23	10.35	18.92	83.86	88.97
28-May-12 05:00:00	28-May-12 06:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-May-12 05:00:00	0.23	10.35	18.92	83.84	88.96
28-May-12 06:00:00	28-May-12 07:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	28-May-12 06:00:00	0.23	10.35	18.92	83.84	88.95
28-May-12 07:00:00	28-May-12 08:00:00	0.00	0.00	0.00	0.00	6.80	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	28-May-12 07:00:00	0.23	10.35	18.92	83.84	88.92
28-May-12 08:00:00	28-May-12 09:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	28-May-12 08:00:00	0.23	10.35	18.92	83.84	88.90
28-May-12 09:00:00	28-May-12 10:00:00	0.00	0.00	0.00	0.00	6.63	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	28-May-12 09:00:00	0.23	10.35	18.92	83.84	88.87
28-May-12 10:00:00	28-May-12 11:00:00	0.00	0.00	0.00	1.26	6.24	2.1	329.7	0.00	0.00	0.00	0.41	2.06	0.23	10.35	18.92	83.84	86.68	28-May-12 10:00:00	0.23	10.35	18.92	84.25	88.74
28-May-12 11:00:00	28-May-12 12:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	28-May-12 11:00:00	0.23	10.35	18.92	83.84	88.67
28-May-12 12:00:00	28-May-12 13:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	28-May-12 12:00:00	0.23	10.35	18.92	83.84	88.60
28-May-12 13:00:00	28-May-12 14:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	28-May-12 13:00:00	0.23	10.35	18.92	83.84	88.53
28-May-12 14:00:00	28-May-12 15:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	28-May-12 14:00:00	0.23	10.35			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
30-May-12 01:00:00	30-May-12 02:00:00	0.00	1.07	0.00	0.00	6.88	2.1	329.7	0.00	0.35	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	30-May-12 01:00:00	0.23	10.70	18.92	83.84	88.95
30-May-12 02:00:00	30-May-12 03:00:00	0.00	0.82	0.00	0.00	6.77	2.1	329.7	0.00	0.27	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	30-May-12 02:00:00	0.23	10.62	18.92	83.84	88.91
30-May-12 03:00:00	30-May-12 04:00:00	0.00	0.99	0.00	0.00	6.77	2.1	329.7	0.00	0.33	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	30-May-12 03:00:00	0.23	10.68	18.92	83.84	88.91
30-May-12 04:00:00	30-May-12 05:00:00	0.00	1.76	0.00	0.00	6.76	2.1	329.7	0.00	0.58	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	30-May-12 04:00:00	0.23	10.93	18.92	83.84	88.91
30-May-12 05:00:00	30-May-12 06:00:00	0.00	0.31	0.00	0.00	6.74	2.1	329.7	0.00	0.10	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	30-May-12 05:00:00	0.23	10.45	18.92	83.84	88.90
30-May-12 06:00:00	30-May-12 07:00:00	0.00	0.01	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	30-May-12 06:00:00	0.23	10.35	18.92	83.84	88.79
30-May-12 07:00:00	30-May-12 08:00:00	0.00	0.01	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	30-May-12 07:00:00	0.23	10.35	18.92	83.84	88.72
30-May-12 08:00:00	30-May-12 09:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	30-May-12 08:00:00	0.23	10.35	18.92	83.84	88.65
30-May-12 09:00:00	30-May-12 10:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	30-May-12 09:00:00	0.23	10.35	18.92	83.84	88.59
30-May-12 10:00:00	30-May-12 11:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	30-May-12 10:00:00	0.23	10.35	18.92	83.84	88.55
30-May-12 11:00:00	30-May-12 12:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	30-May-12 11:00:00	0.23	10.35	18.92	83.84	88.45
30-May-12 12:00:00	30-May-12 13:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	30-May-12 12:00:00	0.23	10.35	18.92	83.84	88.35
30-May-12 13:00:00	30-May-12 14:00:00	0.00	0.79	0.00	0.00	4.78	2.1	329.7	0.00	0.26	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	30-May-12 13:00:00	0.23	10.61	18.92	83.84	88.26
30-May-12 14:00:00	30-May-12 15:00:00	0.00	1.52	0.00	0.00	4.65	2.1	329.7	0.00	0.50	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	30-May-12 14:00:00	0.23	10.85	18.92	83.84	88.21
30-May-12 15:00:00	30-May-12 16:00:00	0.00	0.95	0.00	0.00	4.66	2.1	329.7	0.00	0.31	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	30-May-12 15:00:00	0.23	10.66	18.92	83.84	88.22
30-May-12 16:00:00	30-May-12 17:00:00	0.00	0.60	0.00	0.00	4.66	2.1	329.7	0.00	0.20	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	30-May-12 16:00:00	0.23	10.55	18.92	83.84	88.22
30-May-12 17:00:00	30-May-12 18:00:00	0.00	0.25	0.00	0.00	4.67	2.1	329.7	0.00	0.08	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	30-May-12 17:00:00	0.23	10.43	18.92	83.84	88.22
30-May-12 18:00:00	30-May-12 19:00:00	0.00	0.35	0.00	0.00	4.75	2.1	329.7	0.00	0.12	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	30-May-12 18:00:00	0.23	10.47	18.92	83.84	88.25
30-May-12 19:00:00	30-May-12 20:00:00	0.00	1.50	0.00	0.00	4.96	2.1	329.7	0.00	0.50	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	30-May-12 19:00:00	0.23	10.85	18.92	83.84	88.31
30-May-12 20:00:00	30-May-12 21:00:00	0.00	2.75	0.00	0.00	5.16	2.1	329.7	0.00	0.91	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	30-May-12 20:00:00	0.23	11.26	18.92	83.84	88.38
30-May-12 21:00:00	30-May-12 22:00:00	0.00	1.62	0.00	0.00	5.36	2.1	329.7	0.00	0.54	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	30-May-12 21:00:00	0.23	10.89	18.92	83.84	88.45
30-May-12 22:00:00	30-May-12 23:00:00	0.00	3.94	0.00	0.00	5.44	2.1	329.7	0.00	1.30	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	30-May-12 22:00:00	0.23	11.65	18.92	83.84	88.47
30-May-12 23:00:00	31-May-12 00:00:00	0.00	1.01	0.00	0.00	5.71	2.1	329.7	0.00	0.33	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	30-May-12 23:00:00	0.23	10.68	18.92	83.84	88.56
31-May-12 00:00:00	31-May-12 01:00:00	0.00	1.19	0.00	0.00	5.99	2.1	329.7	0.00	0.39	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	31-May-12 00:00:00	0.23	10.74	18.92	83.84	88.66
31-May-12 01:00:00	31-May-12 02:00:00	0.00	0.94	0.00	0.00	6.27	2.1	329.7	0.00	0.31	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	31-May-12 01:00:00	0.23	10.66	18.92	83.84	88.75
31-May-12 02:00:00	31-May-12 03:00:00	0.00	1.89	0.00	0.00	6.43	2.1	329.7	0.00	0.62	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	31-May-12 02:00:00	0.23	10.97	18.92	83.84	88.80
31-May-12 03:00:00	31-May-12 04:00:00	0.00	10.66	0.00	0.00	6.59	2.1	329.7	0.00	3.52	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	31-May-12 03:00:00	0.23	13.87	18.92	83.84	88.85
31-May-12 04:00:00	31-May-12 05:00:00	0.00	4.69	0.00	0.00	6.75	2.1	329.7	0.00	1.55	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	31-May-12 04:00:00	0.23	11.90	18.92	83.84	88.91
31-May-12 05:00:00	31-May-12 06:00:00	0.00	11.67	0.00	0.00	6.90	2.1	329.7	0.00	3.85	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	31-May-12 05:00:00	0.23	14.20	18.92	83.84	88.96
31-May-12 06:00:00	31-May-12 07:00:00	0.00	6.27	0.00	0.00	6.66	2.1	329.7	0.00	2.07	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	31-May-12 06:00:00	0.23	12.42	18.92	83.84	88.88
31-May-12 07:00:00	31-May-12 08:00:00	0.00	2.72	0.00	0.00	6.41	2.1	329.7	0.00	0.90	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	31-May-12 07:00:00	0.23	11.25	18.92	83.84	88.79
31-May-12 08:00:00	31-May-12 09:00:00	0.00	1.51	0.00	0.30	6.17	2.1	329.7	0.00	0.50	0.00	0.10	2.03	0.23	10.35	18.92	83.84	86.68	31-May-12 08:00:00	0.23	10.85	18.92	83.84	88.71
31-May-12 09:00:00	31-May-12 10:00:00	0.00	6.74	0.00	0.00	5.92	2.1	329.7	0.00	2.22	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	31-May-12 09:00:00	0.23	12.57	18.92	83.84	88.63
31-May-12 10:00:00	31-May-12 11:00:00	0.00	5.72	0.00	0.00	5.79	2.1	329.7	0.00	1.89	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	31-May-12 10:00:00	0.23	12.24	18.92	83.84	88.59
31-May-12 11:00:00	31-May-12 12:00:00	0.00	4.27	0.00	0.00	5.60	2.1	329.7	0.00	1.41	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	31-May-12 11:00:00	0.23	11.76	18.92	83.84	88.53
31-May-12 12:00:00	31-May-12 13:00:00	0.00	9.79	0.00	0.00	5.41	2.1	329.7	0.00	3.23	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	31-May-12 12:00:00	0.23	13.58	18.92	83.84	88.46
31-May-12 13:00:00	31-May-12 14:00:00	0.00	3.83	0.00	0.00	5.22	2.1	329.7	0.00	1.26	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	31-May-12 13:00:00	0.23	11.61	18.92	83.84	88.40
31-May-12 14:00:00	31-May-12 15:00:00	0.00	1.11	0.00	0.00	5.04	2.1	329.7	0.00	0.37	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	31-May-12 14:00:00	0.23	10.72	18.92	83.84	88.34

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
02-Jun-12 01:00:00	02-Jun-12 02:00:00	0.00	4.18	0.00	0.00	6.80	2.1	329.7	0.00	1.38	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	02-Jun-12 01:00:00	0.23	11.73	18.92	83.84	88.92
02-Jun-12 02:00:00	02-Jun-12 03:00:00	0.00	2.07	0.00	0.00	6.82	2.1	329.7	0.00	0.68	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	02-Jun-12 02:00:00	0.23	11.03	18.92	83.84	88.93
02-Jun-12 03:00:00	02-Jun-12 04:00:00	0.00	3.44	0.00	0.10	6.73	2.1	329.7	0.00	1.14	0.00	0.03	2.22	0.23	10.35	18.92	83.84	86.68	02-Jun-12 03:00:00	0.23	11.49	18.92	83.87	88.90
02-Jun-12 04:00:00	02-Jun-12 05:00:00	0.00	6.02	0.00	0.18	6.91	2.1	329.7	0.00	1.99	0.00	0.06	2.28	0.23	10.35	18.92	83.84	86.68	02-Jun-12 04:00:00	0.23	12.34	18.92	83.90	88.96
02-Jun-12 05:00:00	02-Jun-12 06:00:00	0.00	10.78	0.00	0.16	7.13	2.1	329.7	0.00	3.55	0.00	0.05	2.35	0.23	10.35	18.92	83.84	86.68	02-Jun-12 05:00:00	0.23	13.90	18.92	83.89	89.03
02-Jun-12 06:00:00	02-Jun-12 07:00:00	0.00	5.21	0.00	0.00	7.35	2.1	329.7	0.00	1.72	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	02-Jun-12 06:00:00	0.23	12.07	18.92	83.84	89.10
02-Jun-12 07:00:00	02-Jun-12 08:00:00	0.00	14.90	0.00	0.00	7.38	2.1	329.7	0.00	4.91	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	02-Jun-12 07:00:00	0.23	15.26	18.92	83.84	89.11
02-Jun-12 08:00:00	02-Jun-12 09:00:00	0.00	8.10	0.00	0.00	7.11	2.1	329.7	0.00	2.67	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	02-Jun-12 08:00:00	0.23	13.02	18.92	83.84	89.03
02-Jun-12 09:00:00	02-Jun-12 10:00:00	0.00	8.05	0.00	0.00	6.84	2.1	329.7	0.00	2.65	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	02-Jun-12 09:00:00	0.23	13.00	18.92	83.84	88.94
02-Jun-12 10:00:00	02-Jun-12 11:00:00	0.00	7.08	0.00	0.00	6.57	2.1	329.7	0.00	2.34	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	02-Jun-12 10:00:00	0.23	12.69	18.92	83.84	88.85
02-Jun-12 11:00:00	02-Jun-12 12:00:00	0.00	6.02	0.00	0.00	6.38	2.1	329.7	0.00	1.98	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	02-Jun-12 11:00:00	0.23	12.33	18.92	83.84	88.78
02-Jun-12 12:00:00	02-Jun-12 13:00:00	0.00	2.15	0.00	0.00	6.22	2.1	329.7	0.00	0.71	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	02-Jun-12 12:00:00	0.23	11.06	18.92	83.84	88.73
02-Jun-12 13:00:00	02-Jun-12 14:00:00	0.00	3.26	0.00	0.00	6.05	2.1	329.7	0.00	1.07	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	02-Jun-12 13:00:00	0.23	11.42	18.92	83.84	88.67
02-Jun-12 14:00:00	02-Jun-12 15:00:00	0.00	9.44	0.00	0.00	5.88	2.1	329.7	0.00	3.11	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	02-Jun-12 14:00:00	0.23	13.46	18.92	83.84	88.62
02-Jun-12 15:00:00	02-Jun-12 16:00:00	0.00	7.75	0.00	0.80	5.80	2.1	329.7	0.00	2.55	0.00	0.26	1.91	0.23	10.35	18.92	83.84	86.68	02-Jun-12 15:00:00	0.23	12.90	18.92	84.10	88.59
02-Jun-12 16:00:00	02-Jun-12 17:00:00	0.00	0.94	0.00	0.58	5.81	2.1	329.7	0.00	0.31	0.00	0.19	1.92	0.23	10.35	18.92	83.84	86.68	02-Jun-12 16:00:00	0.23	10.66	18.92	84.03	88.60
02-Jun-12 17:00:00	02-Jun-12 18:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	02-Jun-12 17:00:00	0.23	10.35	18.92	83.84	88.60
02-Jun-12 18:00:00	02-Jun-12 19:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	02-Jun-12 18:00:00	0.23	10.35	18.92	83.84	88.60
02-Jun-12 19:00:00	02-Jun-12 20:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	02-Jun-12 19:00:00	0.23	10.35	18.92	83.84	88.62
02-Jun-12 20:00:00	02-Jun-12 21:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	02-Jun-12 20:00:00	0.23	10.35	18.92	83.84	88.67
02-Jun-12 21:00:00	02-Jun-12 22:00:00	0.00	0.18	0.00	0.00	6.18	2.1	329.7	0.00	0.06	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	02-Jun-12 21:00:00	0.23	10.41	18.92	83.84	88.72
02-Jun-12 22:00:00	02-Jun-12 23:00:00	0.00	1.58	0.00	1.74	6.33	2.1	329.7	0.00	0.52	0.00	0.57	2.09	0.23	10.35	18.92	83.84	86.68	02-Jun-12 22:00:00	0.23	10.87	18.92	84.41	88.77
02-Jun-12 23:00:00	03-Jun-12 00:00:00	0.00	0.24	0.00	0.80	6.51	2.1	329.7	0.00	0.08	0.00	0.26	2.14	0.23	10.35	18.92	83.84	86.68	02-Jun-12 23:00:00	0.23	10.43	18.92	84.10	88.82
03-Jun-12 00:00:00	03-Jun-12 01:00:00	0.00	0.16	0.00	1.17	6.62	2.1	329.7	0.00	0.05	0.00	0.39	2.18	0.23	10.35	18.92	83.84	86.68	03-Jun-12 00:00:00	0.23	10.40	18.92	84.23	88.86
03-Jun-12 01:00:00	03-Jun-12 02:00:00	0.00	0.09	0.00	0.00	6.73	2.1	329.7	0.00	0.03	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	03-Jun-12 01:00:00	0.23	10.38	18.92	83.84	88.90
03-Jun-12 02:00:00	03-Jun-12 03:00:00	0.00	0.02	0.00	0.00	6.84	2.1	329.7	0.00	0.01	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	03-Jun-12 02:00:00	0.23	10.36	18.92	83.84	88.94
03-Jun-12 03:00:00	03-Jun-12 04:00:00	0.00	1.15	0.00	0.00	7.09	2.1	329.7	0.00	0.38	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	03-Jun-12 03:00:00	0.23	10.73	18.92	83.84	89.02
03-Jun-12 04:00:00	03-Jun-12 05:00:00	0.00	26.30	0.00	0.00	7.22	2.1	329.7	0.00	8.67	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	03-Jun-12 04:00:00	0.23	19.02	18.92	83.84	89.06
03-Jun-12 05:00:00	03-Jun-12 06:00:00	0.00	33.75	0.00	0.00	7.31	2.1	329.7	0.00	11.13	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	03-Jun-12 05:00:00	0.23	21.48	18.92	83.84	89.09
03-Jun-12 06:00:00	03-Jun-12 07:00:00	0.00	28.76	0.00	0.00	7.41	2.1	329.7	0.00	9.48	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	03-Jun-12 06:00:00	0.23	19.83	18.92	83.84	89.12
03-Jun-12 07:00:00	03-Jun-12 08:00:00	0.00	23.94	0.00	0.88	7.37	2.1	329.7	0.00	7.89	0.00	0.29	2.43	0.23	10.35	18.92	83.84	86.68	03-Jun-12 07:00:00	0.23	18.24	18.92	84.13	89.11
03-Jun-12 08:00:00	03-Jun-12 09:00:00	0.00	23.23	0.00	0.00	7.09	2.1	329.7	0.00	7.66	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	03-Jun-12 08:00:00	0.23	18.01	18.92	83.84	89.02
03-Jun-12 09:00:00	03-Jun-12 10:00:00	0.00	20.73	0.00	0.00	6.79	2.1	329.7	0.00	6.83	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	03-Jun-12 09:00:00	0.23	17.18	18.92	83.84	88.92
03-Jun-12 10:00:00	03-Jun-12 11:00:00	0.00	5.07	0.00	0.00	6.50	2.1	329.7	0.00	1.67	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	03-Jun-12 10:00:00	0.23	12.02	18.92	83.84	88.82
03-Jun-12 11:00:00	03-Jun-12 12:00:00	0.00	1.22	0.00	0.00	6.27	2.1	329.7	0.00	0.40	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	03-Jun-12 11:00:00	0.23	10.75	18.92	83.84	88.75
03-Jun-12 12:00:00	03-Jun-12 13:00:00	0.00	0.36	0.00	0.00	6.10	2.1	329.7	0.00	0.12	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	03-Jun-12 12:00:00	0.23	10.47	18.92	83.84	88.69
03-Jun-12 13:00:00	03-Jun-12 14:00:00	0.00	7.28	0.00	0.00	5.93	2.1	329.7	0.00	2.40	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	03-Jun-12 13:00:00	0.23	12.75	18.92	83.84	88.63
03-Jun-12 14:00:00	03-Jun-12 15:00:00	0.00	4.65	0.00	0.00	5.75	2.1	329.7	0.00	1.53	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	03-Jun-12 14:00:00	0.23	11.88	18.92	83.84	88.58

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
05-Jun-12 01:00:00	05-Jun-12 02:00:00	0.00	4.01	0.00	0.00	5.75	2.1	329.7	0.00	1.32	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	05-Jun-12 01:00:00	0.23	11.67	18.92	83.84	88.57				
05-Jun-12 02:00:00	05-Jun-12 03:00:00	0.00	5.52	0.00	0.10	5.87	2.1	329.7	0.00	1.82	0.00	0.03	1.93	0.23	10.35	18.92	83.84	86.68	05-Jun-12 02:00:00	0.23	12.17	18.92	83.87	88.61				
05-Jun-12 03:00:00	05-Jun-12 04:00:00	0.00	1.81	0.00	0.00	6.14	2.1	329.7	0.00	0.60	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	05-Jun-12 03:00:00	0.23	10.55	18.92	83.84	88.71				
05-Jun-12 04:00:00	05-Jun-12 05:00:00	0.00	4.38	0.00	0.00	6.43	2.1	329.7	0.00	1.44	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	05-Jun-12 04:00:00	0.23	11.79	18.92	83.84	88.80				
05-Jun-12 05:00:00	05-Jun-12 06:00:00	0.00	0.47	0.00	0.98	6.71	2.1	329.7	0.00	0.16	0.00	0.32	2.21	0.23	10.35	18.92	83.84	86.68	05-Jun-12 05:00:00	0.23	10.51	18.92	84.16	88.89				
05-Jun-12 06:00:00	05-Jun-12 07:00:00	0.00	0.00	0.00	0.54	6.93	2.1	329.7	0.00	0.00	0.00	0.18	2.29	0.23	10.35	18.92	83.84	86.68	05-Jun-12 06:00:00	0.23	10.35	18.92	84.02	88.97				
05-Jun-12 07:00:00	05-Jun-12 08:00:00	0.00	0.00	0.00	0.64	7.06	2.1	329.7	0.00	0.00	0.00	0.21	2.33	0.23	10.35	18.92	83.84	86.68	05-Jun-12 07:00:00	0.23	10.35	18.92	84.05	89.01				
05-Jun-12 08:00:00	05-Jun-12 09:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	05-Jun-12 08:00:00	0.23	10.35	18.92	83.84	89.05				
05-Jun-12 09:00:00	05-Jun-12 10:00:00	0.00	0.00	0.00	0.29	7.31	2.1	329.7	0.00	0.00	0.00	0.10	2.41	0.23	10.35	18.92	83.84	86.68	05-Jun-12 09:00:00	0.23	10.35	18.92	83.94	89.09				
05-Jun-12 10:00:00	05-Jun-12 11:00:00	0.00	0.00	0.00	0.00	7.21	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	05-Jun-12 10:00:00	0.23	10.35	18.92	83.84	89.06				
05-Jun-12 11:00:00	05-Jun-12 12:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	05-Jun-12 11:00:00	0.23	10.35	18.92	83.84	88.98				
05-Jun-12 12:00:00	05-Jun-12 13:00:00	0.00	0.00	0.00	0.16	6.77	2.1	329.7	0.00	0.00	0.00	0.05	2.23	0.23	10.35	18.92	83.84	86.68	05-Jun-12 12:00:00	0.23	10.35	18.92	83.89	88.91				
05-Jun-12 13:00:00	05-Jun-12 14:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	05-Jun-12 13:00:00	0.23	10.35	18.92	83.84	88.84				
05-Jun-12 14:00:00	05-Jun-12 15:00:00	0.00	0.72	0.00	0.00	6.35	2.1	329.7	0.00	0.24	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	05-Jun-12 14:00:00	0.23	10.59	18.92	83.84	88.78				
05-Jun-12 15:00:00	05-Jun-12 16:00:00	0.00	0.80	0.00	0.00	6.30	2.1	329.7	0.00	0.26	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	05-Jun-12 15:00:00	0.23	10.61	18.92	83.84	88.76				
05-Jun-12 16:00:00	05-Jun-12 17:00:00	0.00	1.20	0.00	0.09	6.27	2.1	329.7	0.00	0.40	0.00	0.03	2.07	0.23	10.35	18.92	83.84	86.68	05-Jun-12 16:00:00	0.23	10.75	18.92	83.87	88.75				
05-Jun-12 17:00:00	05-Jun-12 18:00:00	0.00	0.80	0.00	0.14	6.24	2.1	329.7	0.00	0.27	0.00	0.04	2.06	0.23	10.35	18.92	83.84	86.68	05-Jun-12 17:00:00	0.23	10.62	18.92	83.88	88.74				
05-Jun-12 18:00:00	05-Jun-12 19:00:00	0.00	0.41	0.00	0.00	6.15	2.1	329.7	0.00	0.13	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	05-Jun-12 18:00:00	0.23	10.48	18.92	83.84	88.71				
05-Jun-12 19:00:00	05-Jun-12 20:00:00	0.00	0.05	0.00	0.00	6.18	2.1	329.7	0.00	0.02	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	05-Jun-12 19:00:00	0.23	10.37	18.92	83.84	88.72				
05-Jun-12 20:00:00	05-Jun-12 21:00:00	0.00	0.00	0.00	0.14	6.25	2.1	329.7	0.00	0.00	0.00	0.05	2.06	0.23	10.35	18.92	83.84	86.68	05-Jun-12 20:00:00	0.23	10.35	18.92	83.89	88.74				
05-Jun-12 21:00:00	05-Jun-12 22:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	05-Jun-12 21:00:00	0.23	10.35	18.92	83.84	88.76				
05-Jun-12 22:00:00	05-Jun-12 23:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	05-Jun-12 22:00:00	0.23	10.35	18.92	83.84	88.80				
05-Jun-12 23:00:00	06-Jun-12 00:00:00	0.00	0.00	0.00	0.94	6.69	2.1	329.7	0.00	0.00	0.00	0.31	2.21	0.23	10.35	18.92	83.84	86.68	05-Jun-12 23:00:00	0.23	10.35	18.92	84.15	88.89				
06-Jun-12 00:00:00	06-Jun-12 01:00:00	0.00	0.00	0.00	0.48	6.97	2.1	329.7	0.00	0.00	0.00	0.16	2.30	0.23	10.35	18.92	83.84	86.68	06-Jun-12 00:00:00	0.23	10.35	18.92	84.00	88.98				
06-Jun-12 01:00:00	06-Jun-12 02:00:00	0.00	0.00	0.00	0.20	7.24	2.1	329.7	0.00	0.00	0.00	0.07	2.39	0.23	10.35	18.92	83.84	86.68	06-Jun-12 01:00:00	0.23	10.35	18.92	83.91	89.07				
06-Jun-12 02:00:00	06-Jun-12 03:00:00	0.00	0.00	0.00	0.00	7.37	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	06-Jun-12 02:00:00	0.23	10.35	18.92	83.84	89.11				
06-Jun-12 03:00:00	06-Jun-12 04:00:00	0.00	0.00	0.00	0.00	7.36	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	06-Jun-12 03:00:00	0.23	10.35	18.92	83.84	89.11				
06-Jun-12 04:00:00	06-Jun-12 05:00:00	0.00	0.00	0.00	0.05	7.37	2.1	329.7	0.00	0.00	0.00	0.02	2.43	0.23	10.35	18.92	83.84	86.68	06-Jun-12 04:00:00	0.23	10.35	18.92	83.86	89.11				
06-Jun-12 05:00:00	06-Jun-12 06:00:00	0.00	0.00	0.00	0.09	7.38	2.1	329.7	0.00	0.00	0.00	0.03	2.43	0.23	10.35	18.92	83.84	86.68	06-Jun-12 05:00:00	0.23	10.35	18.92	83.87	89.11				
06-Jun-12 06:00:00	06-Jun-12 07:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	06-Jun-12 06:00:00	0.23	10.35	18.92	83.84	89.15				
06-Jun-12 07:00:00	06-Jun-12 08:00:00	0.00	0.17	0.00	0.00	7.52	2.1	329.7	0.00	0.06	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Jun-12 07:00:00	0.23	10.41	18.92	83.84	89.16				
06-Jun-12 08:00:00	06-Jun-12 09:00:00	0.00	1.57	0.00	0.00	7.53	2.1	329.7	0.00	0.52	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Jun-12 08:00:00	0.23	10.87	18.92	83.84	89.16				
06-Jun-12 09:00:00	06-Jun-12 10:00:00	0.00	4.82	0.00	0.00	7.54	2.1	329.7	0.00	1.59	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	06-Jun-12 09:00:00	0.23	11.94	18.92	83.84	89.17				
06-Jun-12 10:00:00	06-Jun-12 11:00:00	0.00	16.50	0.00	0.11	7.49	2.1	329.7	0.00	5.44	0.00	0.04	2.47	0.23	10.35	18.92	83.84	86.68	06-Jun-12 10:00:00	0.23	15.79	18.92	83.88	89.15				
06-Jun-12 11:00:00	06-Jun-12 12:00:00	0.00	15.98	0.00	0.00	7.47	2.1	329.7	0.00	5.27	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	06-Jun-12 11:00:00	0.23	15.62	18.92	83.84	89.14				
06-Jun-12 12:00:00	06-Jun-12 13:00:00	0.00	12.59	0.00	0.00	7.47	2.1	329.7	0.00	4.15	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	06-Jun-12 12:00:00	0.23	14.50	18.92	83.84	89.14				
06-Jun-12 13:00:00	06-Jun-12 14:00:00	0.00	0.00	0.00	0.00	0.00	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	06-Jun-12 13:00:00	0.23	10.35	18.92	83.84	88.68				
06-Jun-12 14:00:00	06-Jun-12 15:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00																

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
08-Jun-12 01:00:00	08-Jun-12 02:00:00	0.00	0.00	0.00	2.29	6.70	2.1	329.7	0.00	0.00	0.00	0.75	2.21	0.23	10.35	18.92	83.84	86.68	08-Jun-12 01:00:00	0.23	10.35	18.92	84.59	88.89
08-Jun-12 02:00:00	08-Jun-12 03:00:00	0.00	0.00	0.00	0.56	6.84	2.1	329.7	0.00	0.00	0.00	0.18	2.26	0.23	10.35	18.92	83.84	86.68	08-Jun-12 02:00:00	0.23	10.35	18.92	84.02	88.94
08-Jun-12 03:00:00	08-Jun-12 04:00:00	0.00	0.00	0.00	0.95	6.86	2.1	329.7	0.00	0.00	0.00	0.31	2.26	0.23	10.35	18.92	83.84	86.68	08-Jun-12 03:00:00	0.23	10.35	18.92	84.15	88.94
08-Jun-12 04:00:00	08-Jun-12 05:00:00	0.00	0.09	0.00	0.27	6.87	2.1	329.7	0.00	0.03	0.00	0.09	2.26	0.23	10.35	18.92	83.84	86.68	08-Jun-12 04:00:00	0.23	10.38	18.92	83.93	88.94
08-Jun-12 05:00:00	08-Jun-12 06:00:00	0.00	1.29	0.00	0.00	6.88	2.1	329.7	0.00	0.43	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	08-Jun-12 05:00:00	0.23	10.78	18.92	83.84	88.95
08-Jun-12 06:00:00	08-Jun-12 07:00:00	0.00	0.94	0.00	0.33	6.89	2.1	329.7	0.00	0.31	0.00	0.11	2.27	0.23	10.35	18.92	83.84	86.68	08-Jun-12 06:00:00	0.23	10.66	18.92	83.95	88.95
08-Jun-12 07:00:00	08-Jun-12 08:00:00	0.00	0.85	0.00	0.31	6.68	2.1	329.7	0.00	0.28	0.00	0.10	2.20	0.23	10.35	18.92	83.84	86.68	08-Jun-12 07:00:00	0.23	10.63	18.92	83.94	88.88
08-Jun-12 08:00:00	08-Jun-12 09:00:00	0.00	0.76	0.00	0.33	6.28	2.1	329.7	0.00	0.25	0.00	0.11	2.07	0.23	10.35	18.92	83.84	86.68	08-Jun-12 08:00:00	0.23	10.60	18.92	83.95	88.75
08-Jun-12 09:00:00	08-Jun-12 10:00:00	0.00	1.37	0.00	0.07	5.88	2.1	329.7	0.00	0.45	0.00	0.02	1.94	0.23	10.35	18.92	83.84	86.68	08-Jun-12 09:00:00	0.23	10.80	18.92	83.86	88.62
08-Jun-12 10:00:00	08-Jun-12 11:00:00	0.00	2.42	0.00	0.32	5.48	2.1	329.7	0.00	0.80	0.00	0.11	1.81	0.23	10.35	18.92	83.84	86.68	08-Jun-12 10:00:00	0.23	11.15	18.92	83.95	88.49
08-Jun-12 11:00:00	08-Jun-12 12:00:00	0.00	2.63	0.00	1.16	5.19	2.1	329.7	0.00	0.87	0.00	0.38	1.71	0.23	10.35	18.92	83.84	86.68	08-Jun-12 11:00:00	0.23	11.22	18.92	84.22	88.39
08-Jun-12 12:00:00	08-Jun-12 13:00:00	0.00	2.27	0.00	0.38	5.04	2.1	329.7	0.00	0.75	0.00	0.13	1.66	0.23	10.35	18.92	83.84	86.68	08-Jun-12 12:00:00	0.23	11.10	18.92	83.97	88.34
08-Jun-12 13:00:00	08-Jun-12 14:00:00	0.00	3.20	0.00	0.79	4.89	2.1	329.7	0.00	1.06	0.00	0.26	1.61	0.23	10.35	18.92	83.84	86.68	08-Jun-12 13:00:00	0.23	11.41	18.92	84.10	88.29
08-Jun-12 14:00:00	08-Jun-12 15:00:00	0.00	5.65	0.00	0.92	4.74	2.1	329.7	0.00	1.86	0.00	0.30	1.56	0.23	10.35	18.92	83.84	86.68	08-Jun-12 14:00:00	0.23	12.21	18.92	84.14	88.24
08-Jun-12 15:00:00	08-Jun-12 16:00:00	0.00	11.04	0.00	0.92	4.70	2.1	329.7	0.00	3.64	0.00	0.30	1.55	0.23	10.35	18.92	83.84	86.68	08-Jun-12 15:00:00	0.23	13.99	18.92	84.14	88.23
08-Jun-12 16:00:00	08-Jun-12 17:00:00	0.00	12.92	0.00	0.12	4.71	2.1	329.7	0.00	4.26	0.00	0.04	1.55	0.23	10.35	18.92	83.84	86.68	08-Jun-12 16:00:00	0.23	14.61	18.92	83.88	88.23
08-Jun-12 17:00:00	08-Jun-12 18:00:00	0.00	11.90	0.00	0.00	4.73	2.1	329.7	0.00	3.59	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	08-Jun-12 17:00:00	0.23	13.94	18.92	83.84	88.24
08-Jun-12 18:00:00	08-Jun-12 19:00:00	0.00	11.80	0.00	0.00	4.77	2.1	329.7	0.00	3.89	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	08-Jun-12 18:00:00	0.23	14.24	18.92	83.84	88.25
08-Jun-12 19:00:00	08-Jun-12 20:00:00	0.00	4.20	0.00	0.16	5.17	2.1	329.7	0.00	1.38	0.00	0.05	1.71	0.23	10.35	18.92	83.84	86.68	08-Jun-12 19:00:00	0.23	11.73	18.92	83.89	88.39
08-Jun-12 20:00:00	08-Jun-12 21:00:00	0.00	7.08	0.00	0.60	5.49	2.1	329.7	0.00	2.33	0.00	0.20	1.81	0.23	10.35	18.92	83.84	86.68	08-Jun-12 20:00:00	0.23	12.68	18.92	84.04	88.49
08-Jun-12 21:00:00	08-Jun-12 22:00:00	0.00	7.77	0.00	1.05	5.80	2.1	329.7	0.00	2.56	0.00	0.35	1.91	0.23	10.35	18.92	83.84	86.68	08-Jun-12 21:00:00	0.23	12.91	18.92	84.19	88.59
08-Jun-12 22:00:00	08-Jun-12 23:00:00	0.00	3.72	0.00	1.71	6.11	2.1	329.7	0.00	1.23	0.00	0.56	2.01	0.23	10.35	18.92	83.84	86.68	08-Jun-12 22:00:00	0.23	11.58	18.92	84.40	88.69
08-Jun-12 23:00:00	09-Jun-12 00:00:00	0.00	0.00	0.00	3.46	6.27	2.1	329.7	0.00	0.00	0.00	1.14	2.07	0.23	10.35	18.92	83.84	86.68	08-Jun-12 23:00:00	0.23	10.35	18.92	84.98	88.75
09-Jun-12 00:00:00	09-Jun-12 01:00:00	0.00	0.23	0.00	1.73	6.46	2.1	329.7	0.00	0.07	0.00	0.57	2.13	0.23	10.35	18.92	83.84	86.68	09-Jun-12 00:00:00	0.23	10.42	18.92	84.41	88.81
09-Jun-12 01:00:00	09-Jun-12 02:00:00	0.00	0.14	0.00	2.07	6.66	2.1	329.7	0.00	0.04	0.00	0.68	2.19	0.23	10.35	18.92	83.84	86.68	09-Jun-12 01:00:00	0.23	10.39	18.92	84.52	88.87
09-Jun-12 02:00:00	09-Jun-12 03:00:00	0.00	0.00	0.00	1.40	6.84	2.1	329.7	0.00	0.00	0.00	0.46	2.26	0.23	10.35	18.92	83.84	86.68	09-Jun-12 02:00:00	0.23	10.35	18.92	84.30	88.94
09-Jun-12 03:00:00	09-Jun-12 04:00:00	0.00	0.00	0.00	0.68	6.92	2.1	329.7	0.00	0.00	0.00	0.22	2.28	0.23	10.35	18.92	83.84	86.68	09-Jun-12 03:00:00	0.23	10.35	18.92	84.06	88.96
09-Jun-12 04:00:00	09-Jun-12 05:00:00	0.00	0.00	0.00	0.11	6.94	2.1	329.7	0.00	0.00	0.00	0.04	2.29	0.23	10.35	18.92	83.84	86.68	09-Jun-12 04:00:00	0.23	10.35	18.92	83.88	88.97
09-Jun-12 05:00:00	09-Jun-12 06:00:00	0.00	0.03	0.00	0.28	6.97	2.1	329.7	0.00	0.01	0.00	0.09	2.30	0.23	10.35	18.92	83.84	86.68	09-Jun-12 05:00:00	0.23	10.36	18.92	83.93	88.98
09-Jun-12 06:00:00	09-Jun-12 07:00:00	0.00	0.20	0.00	0.07	6.98	2.1	329.7	0.00	0.07	0.00	0.02	2.30	0.23	10.35	18.92	83.84	86.68	09-Jun-12 06:00:00	0.23	10.42	18.92	83.86	88.98
09-Jun-12 07:00:00	09-Jun-12 08:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	09-Jun-12 07:00:00	0.23	10.35	18.92	83.84	88.88
09-Jun-12 08:00:00	09-Jun-12 09:00:00	0.00	0.00	0.00	0.17	6.30	2.1	329.7	0.00	0.00	0.00	0.05	2.08	0.23	10.35	18.92	83.84	86.68	09-Jun-12 08:00:00	0.23	10.35	18.92	83.89	88.76
09-Jun-12 09:00:00	09-Jun-12 10:00:00	0.00	0.00	0.00	2.67	11.83	2.1	329.7	0.00	0.00	0.00	0.88	3.90	0.23	10.35	18.92	83.84	86.68	09-Jun-12 09:00:00	0.23	10.35	18.92	84.72	90.58
09-Jun-12 10:00:00	09-Jun-12 11:00:00	0.00	8.87	0.00	0.81	5.74	2.1	329.7	0.00	2.92	0.00	0.27	1.89	0.23	10.35	18.92	83.84	86.68	09-Jun-12 10:00:00	0.23	13.27	18.92	84.11	88.57
09-Jun-12 11:00:00	09-Jun-12 12:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	09-Jun-12 11:00:00	0.23	10.35	18.92	83.84	88.46
09-Jun-12 12:00:00	09-Jun-12 13:00:00	0.00	5.27	0.00	0.00	5.05	2.1	329.7	0.00	1.74	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	09-Jun-12 12:00:00	0.23	12.09	18.92	83.84	88.35
09-Jun-12 13:00:00	09-Jun-12 14:00:00	0.00	10.91	0.00	7.29	4.72	2.1	329.7	0.00	3.60	0.00	2.40	1.56	0.23	10.35	18.92	83.84	86.68	09-Jun-12 13:00:00	0.23	13.95	18.92	86.24	88.24
09-Jun-12 14:00:00	09-Jun-12 15:00:00	0.00	22.31	0.00	0.07	4.66	2.1	329.7	0.00	7.36	0.00	0.02	1.54	0.23	10.35	18.92	83.84	86.68	09-Jun-12 14:00:00	0.23	17.91	18.92		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
11-Jun-12 01:00:00	11-Jun-12 02:00:00	0.00	0.00	0.00	0.12	6.31	2.1	329.7	0.00	0.00	0.00	0.04	2.08	0.23	10.35	18.92	83.84	86.68	11-Jun-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.88	88.76
11-Jun-12 02:00:00	11-Jun-12 03:00:00	0.00	0.00	0.00	0.06	6.29	2.1	329.7	0.00	0.00	0.00	0.02	2.07	0.23	10.35	18.92	83.84	86.68	11-Jun-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.86	88.75
11-Jun-12 03:00:00	11-Jun-12 04:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	11-Jun-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.77
11-Jun-12 04:00:00	11-Jun-12 05:00:00	0.00	0.00	0.00	0.21	6.38	2.1	329.7	0.00	0.00	0.00	0.07	2.10	0.23	10.35	18.92	83.84	86.68	11-Jun-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.91	88.78
11-Jun-12 05:00:00	11-Jun-12 06:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	11-Jun-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.80
11-Jun-12 06:00:00	11-Jun-12 07:00:00	0.00	0.00	0.00	0.50	6.45	2.1	329.7	0.00	0.00	0.00	0.16	2.13	0.23	10.35	18.92	83.84	86.68	11-Jun-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	84.00	88.81
11-Jun-12 07:00:00	11-Jun-12 08:00:00	0.00	0.00	0.00	0.08	6.37	2.1	329.7	0.00	0.00	0.00	0.03	2.10	0.23	10.35	18.92	83.84	86.68	11-Jun-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.87	88.78
11-Jun-12 08:00:00	11-Jun-12 09:00:00	0.00	0.00	0.00	0.10	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	11-Jun-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.87	88.73
11-Jun-12 09:00:00	11-Jun-12 10:00:00	0.00	0.00	0.00	0.12	6.09	2.1	329.7	0.00	0.00	0.00	0.04	2.01	0.23	10.35	18.92	83.84	86.68	11-Jun-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.88	88.69
11-Jun-12 10:00:00	11-Jun-12 11:00:00	0.00	0.00	0.00	0.23	5.95	2.1	329.7	0.00	0.00	0.00	0.08	1.96	0.23	10.35	18.92	83.84	86.68	11-Jun-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.92	88.64
11-Jun-12 11:00:00	11-Jun-12 12:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	11-Jun-12 11:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.69
11-Jun-12 12:00:00	11-Jun-12 13:00:00	0.00	0.00	0.00	0.17	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	11-Jun-12 12:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.90	88.68
11-Jun-12 13:00:00	11-Jun-12 14:00:00	0.00	0.00	0.00	0.12	6.04	2.1	329.7	0.00	0.00	0.00	0.04	1.99	0.23	10.35	18.92	83.84	86.68	11-Jun-12 13:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.88	88.67
11-Jun-12 14:00:00	11-Jun-12 15:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	11-Jun-12 14:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.66
11-Jun-12 15:00:00	11-Jun-12 16:00:00	0.00	0.00	0.00	0.59	5.87	2.1	329.7	0.00	0.00	0.00	0.19	1.93	0.23	10.35	18.92	83.84	86.68	11-Jun-12 15:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	84.03	88.61
11-Jun-12 16:00:00	11-Jun-12 17:00:00	0.00	0.00	0.00	0.10	5.87	2.1	329.7	0.00	0.00	0.00	0.03	1.94	0.23	10.35	18.92	83.84	86.68	11-Jun-12 16:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.87	88.62
11-Jun-12 17:00:00	11-Jun-12 18:00:00	0.00	0.33	0.00	0.08	5.88	2.1	329.7	0.00	0.11	0.00	0.03	1.94	0.23	10.35	18.92	83.84	86.68	11-Jun-12 17:00:00	0.23	10.46	18.92	83.87	88.62	0.23	10.46	18.92	83.87	88.62
11-Jun-12 18:00:00	11-Jun-12 19:00:00	0.00	0.48	0.00	0.11	5.89	2.1	329.7	0.00	0.16	0.00	0.04	1.94	0.23	10.35	18.92	83.84	86.68	11-Jun-12 18:00:00	0.23	10.51	18.92	83.88	88.62	0.23	10.51	18.92	83.88	88.62
11-Jun-12 19:00:00	11-Jun-12 20:00:00	0.00	0.00	0.00	0.19	5.94	2.1	329.7	0.00	0.00	0.00	0.06	1.96	0.23	10.35	18.92	83.84	86.68	11-Jun-12 19:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.90	88.64
11-Jun-12 20:00:00	11-Jun-12 21:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	11-Jun-12 20:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.65
11-Jun-12 21:00:00	11-Jun-12 22:00:00	0.00	0.00	0.00	0.14	5.99	2.1	329.7	0.00	0.00	0.00	0.05	1.98	0.23	10.35	18.92	83.84	86.68	11-Jun-12 21:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.89	88.66
11-Jun-12 22:00:00	11-Jun-12 23:00:00	0.00	0.04	0.00	0.23	6.02	2.1	329.7	0.00	0.01	0.00	0.07	1.98	0.23	10.35	18.92	83.84	86.68	11-Jun-12 22:00:00	0.23	10.36	18.92	83.84	86.68	0.23	10.36	18.92	83.91	88.66
11-Jun-12 23:00:00	12-Jun-12 00:00:00	0.00	0.05	0.00	0.00	5.93	2.1	329.7	0.00	0.02	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	11-Jun-12 23:00:00	0.23	10.37	18.92	83.84	86.68	0.23	10.37	18.92	83.84	88.63
12-Jun-12 00:00:00	12-Jun-12 01:00:00	0.00	0.03	0.00	0.07	6.02	2.1	329.7	0.00	0.01	0.00	0.02	1.98	0.23	10.35	18.92	83.84	86.68	12-Jun-12 00:00:00	0.23	10.36	18.92	83.84	86.68	0.23	10.36	18.92	83.86	88.66
12-Jun-12 01:00:00	12-Jun-12 02:00:00	0.00	0.01	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	12-Jun-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.69
12-Jun-12 02:00:00	12-Jun-12 03:00:00	0.00	0.00	0.00	0.22	6.19	2.1	329.7	0.00	0.00	0.00	0.07	2.04	0.23	10.35	18.92	83.84	86.68	12-Jun-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.91	88.72
12-Jun-12 03:00:00	12-Jun-12 04:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	12-Jun-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.69
12-Jun-12 04:00:00	12-Jun-12 05:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	12-Jun-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.68
12-Jun-12 05:00:00	12-Jun-12 06:00:00	0.00	0.00	0.00	0.14	6.03	2.1	329.7	0.00	0.00	0.00	0.05	1.99	0.23	10.35	18.92	83.84	86.68	12-Jun-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.89	88.67
12-Jun-12 06:00:00	12-Jun-12 07:00:00	0.00	0.00	0.00	0.00	6.00	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Jun-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.66
12-Jun-12 07:00:00	12-Jun-12 08:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	12-Jun-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.60
12-Jun-12 08:00:00	12-Jun-12 09:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	12-Jun-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.61
12-Jun-12 09:00:00	12-Jun-12 10:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	12-Jun-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.62
12-Jun-12 10:00:00	12-Jun-12 11:00:00	0.00	0.00	0.00	19.87	5.89	2.1	329.7	0.00	0.00	0.00	6.55	1.94	0.23	10.35	18.92	83.84	86.68	12-Jun-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	90.39	88.62
12-Jun-12 11:00:00	12-Jun-12 12:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	12-Jun-12 11:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
14-Jun-12 01:00:00	14-Jun-12 02:00:00	0.00	3.55	0.00	0.10	6.15	2.1	329.7	0.00	1.17	0.00	0.03	2.03	0.23	10.35	18.92	83.84	86.68	14-Jun-12 01:00:00	0.23	11.52	18.92	83.87	88.71				
14-Jun-12 02:00:00	14-Jun-12 03:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	14-Jun-12 02:00:00	0.23	10.35	18.92	83.84	88.75				
14-Jun-12 03:00:00	14-Jun-12 04:00:00	0.00	0.63	0.00	0.00	6.51	2.1	329.7	0.00	0.21	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	14-Jun-12 03:00:00	0.23	10.56	18.92	83.84	88.83				
14-Jun-12 04:00:00	14-Jun-12 05:00:00	0.00	0.71	0.00	0.00	6.63	2.1	329.7	0.00	0.23	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	14-Jun-12 04:00:00	0.23	10.58	18.92	83.84	88.86				
14-Jun-12 05:00:00	14-Jun-12 06:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	14-Jun-12 05:00:00	0.23	10.35	18.92	83.84	88.90				
14-Jun-12 06:00:00	14-Jun-12 07:00:00	0.00	0.00	0.00	0.08	6.86	2.1	329.7	0.00	0.00	0.00	0.03	2.26	0.23	10.35	18.92	83.84	86.68	14-Jun-12 06:00:00	0.23	10.35	18.92	83.87	88.94				
14-Jun-12 07:00:00	14-Jun-12 08:00:00	0.00	0.00	0.00	0.11	6.76	2.1	329.7	0.00	0.00	0.00	0.03	2.23	0.23	10.35	18.92	83.84	86.68	14-Jun-12 07:00:00	0.23	10.35	18.92	83.87	88.91				
14-Jun-12 08:00:00	14-Jun-12 09:00:00	0.00	0.00	0.00	0.28	6.61	2.1	329.7	0.00	0.00	0.00	0.09	2.18	0.23	10.35	18.92	83.84	86.68	14-Jun-12 08:00:00	0.23	10.35	18.92	83.93	88.86				
14-Jun-12 09:00:00	14-Jun-12 10:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	14-Jun-12 09:00:00	0.23	10.35	18.92	83.84	88.81				
14-Jun-12 10:00:00	14-Jun-12 11:00:00	0.00	0.00	0.00	0.12	6.32	2.1	329.7	0.00	0.00	0.00	0.04	2.08	0.23	10.35	18.92	83.84	86.68	14-Jun-12 10:00:00	0.23	10.35	18.92	83.88	88.76				
14-Jun-12 11:00:00	14-Jun-12 12:00:00	0.00	0.00	0.00	0.10	5.97	2.1	329.7	0.00	0.00	0.00	0.03	1.97	0.23	10.35	18.92	83.84	86.68	14-Jun-12 11:00:00	0.23	10.35	18.92	83.87	88.65				
14-Jun-12 12:00:00	14-Jun-12 13:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	14-Jun-12 12:00:00	0.23	10.35	18.92	83.84	88.58				
14-Jun-12 13:00:00	14-Jun-12 14:00:00	0.00	0.00	0.00	0.34	5.55	2.1	329.7	0.00	0.00	0.00	0.11	1.83	0.23	10.35	18.92	83.84	86.68	14-Jun-12 13:00:00	0.23	10.35	18.92	83.95	88.51				
14-Jun-12 14:00:00	14-Jun-12 15:00:00	0.00	0.00	0.00	0.40	5.33	2.1	329.7	0.00	0.00	0.00	0.13	1.76	0.23	10.35	18.92	83.84	86.68	14-Jun-12 14:00:00	0.23	10.35	18.92	83.97	88.44				
14-Jun-12 15:00:00	14-Jun-12 16:00:00	0.00	0.00	0.00	0.25	5.22	2.1	329.7	0.00	0.00	0.00	0.08	1.72	0.23	10.35	18.92	83.84	86.68	14-Jun-12 15:00:00	0.23	10.35	18.92	83.92	88.40				
14-Jun-12 16:00:00	14-Jun-12 17:00:00	0.00	0.00	0.00	0.37	5.26	2.1	329.7	0.00	0.00	0.00	0.12	1.73	0.23	10.35	18.92	83.84	86.68	14-Jun-12 16:00:00	0.23	10.35	18.92	83.96	88.41				
14-Jun-12 17:00:00	14-Jun-12 18:00:00	0.00	0.74	0.00	0.10	5.29	2.1	329.7	0.00	0.25	0.00	0.03	1.74	0.23	10.35	18.92	83.84	86.68	14-Jun-12 17:00:00	0.23	10.60	18.92	83.87	88.42				
14-Jun-12 18:00:00	14-Jun-12 19:00:00	0.00	0.00	0.00	0.30	5.32	2.1	329.7	0.00	0.00	0.00	0.10	1.76	0.23	10.35	18.92	83.84	86.68	14-Jun-12 18:00:00	0.23	10.35	18.92	83.94	88.44				
14-Jun-12 19:00:00	14-Jun-12 20:00:00	0.00	0.00	0.00	0.42	5.28	2.1	329.7	0.00	0.00	0.00	0.14	1.74	0.23	10.35	18.92	83.84	86.68	14-Jun-12 19:00:00	0.23	10.35	18.92	83.98	88.42				
14-Jun-12 20:00:00	14-Jun-12 21:00:00	0.00	0.00	0.00	0.40	5.42	2.1	329.7	0.00	0.00	0.00	0.13	1.79	0.23	10.35	18.92	83.84	86.68	14-Jun-12 20:00:00	0.23	10.35	18.92	83.97	88.47				
14-Jun-12 21:00:00	14-Jun-12 22:00:00	0.00	0.12	0.00	0.19	5.56	2.1	329.7	0.00	0.04	0.00	0.06	1.83	0.23	10.35	18.92	83.84	86.68	14-Jun-12 21:00:00	0.23	10.39	18.92	83.90	88.51				
14-Jun-12 22:00:00	14-Jun-12 23:00:00	0.00	1.08	0.00	0.00	5.71	2.1	329.7	0.00	0.35	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	14-Jun-12 22:00:00	0.23	10.70	18.92	83.84	88.56				
14-Jun-12 23:00:00	15-Jun-12 00:00:00	0.00	1.62	0.00	0.10	6.00	2.1	329.7	0.00	0.53	0.00	0.03	1.98	0.23	10.35	18.92	83.84	86.68	14-Jun-12 23:00:00	0.23	10.88	18.92	83.87	88.66				
15-Jun-12 00:00:00	15-Jun-12 01:00:00	0.00	1.13	0.00	0.24	6.11	2.1	329.7	0.00	0.37	0.00	0.08	2.01	0.23	10.35	18.92	83.84	86.68	15-Jun-12 00:00:00	0.23	10.72	18.92	83.82	88.69				
15-Jun-12 01:00:00	15-Jun-12 02:00:00	0.00	0.68	0.00	0.00	6.22	2.1	329.7	0.00	0.22	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	15-Jun-12 01:00:00	0.23	10.57	18.92	83.84	88.73				
15-Jun-12 02:00:00	15-Jun-12 03:00:00	0.00	0.23	0.00	0.12	6.33	2.1	329.7	0.00	0.08	0.00	0.04	2.09	0.23	10.35	18.92	83.84	86.68	15-Jun-12 02:00:00	0.23	10.43	18.92	83.88	88.77				
15-Jun-12 03:00:00	15-Jun-12 04:00:00	0.00	0.00	0.00	0.24	6.45	2.1	329.7	0.00	0.00	0.00	0.08	2.13	0.23	10.35	18.92	83.84	86.68	15-Jun-12 03:00:00	0.23	10.35	18.92	83.92	88.81				
15-Jun-12 04:00:00	15-Jun-12 05:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	15-Jun-12 04:00:00	0.23	10.35	18.92	83.84	88.84				
15-Jun-12 05:00:00	15-Jun-12 06:00:00	0.00	0.00	0.00	0.13	6.64	2.1	329.7	0.00	0.00	0.00	0.04	2.19	0.23	10.35	18.92	83.84	86.68	15-Jun-12 05:00:00	0.23	10.35	18.92	83.88	88.87				
15-Jun-12 06:00:00	15-Jun-12 07:00:00	0.00	0.00	0.00	0.58	6.74	2.1	329.7	0.00	0.00	0.00	0.19	2.22	0.23	10.35	18.92	83.84	86.68	15-Jun-12 06:00:00	0.23	10.35	18.92	84.03	88.90				
15-Jun-12 07:00:00	15-Jun-12 08:00:00	0.00	1.23	0.00	0.00	6.77	2.1	329.7	0.00	0.41	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	15-Jun-12 07:00:00	0.23	10.76	18.92	83.84	88.91				
15-Jun-12 08:00:00	15-Jun-12 09:00:00	0.00	1.08	0.00	0.00	6.57	2.1	329.7	0.00	0.36	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	15-Jun-12 08:00:00	0.23	10.71	18.92	83.84	88.85				
15-Jun-12 09:00:00	15-Jun-12 10:00:00	0.00	0.92	0.00	0.07	6.37	2.1	329.7	0.00	0.30	0.00	0.02	2.10	0.23	10.35	18.92	83.84	86.68	15-Jun-12 09:00:00	0.23	10.65	18.92	83.86	88.78				
15-Jun-12 10:00:00	15-Jun-12 11:00:00	0.00	0.76	0.00	0.23	6.17	2.1	329.7	0.00	0.25	0.00	0.08	2.03	0.23	10.35	18.92	83.84	86.68	15-Jun-12 10:00:00	0.23	10.60	18.92	83.92	88.71				
15-Jun-12 11:00:00	15-Jun-12 12:00:00	0.00	0.95	0.00	0.00	5.77	2.1	329.7	0.00	0.31	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	15-Jun-12 11:00:00	0.23	10.66	18.92	83.84	88.58				
15-Jun-12 12:00:00	15-Jun-12 13:00:00	0.00	0.63	0.00	0.06	5.60	2.1	329.7	0.00	0.21	0.00	0.02	1.85	0.23	10.35	18.92	83.84	86.68	15-Jun-12 12:00:00	0.23	10.56	18.92	83.86	88.53				
15-Jun-12 13:00:00	15-Jun-12 14:00:00	0.00	0.30	0.00	0.00	5.44	2.1	329.7	0.00	0.10	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	15-Jun-12 13:00:00	0.23	10.45	18.92	83.84	88.47				
15-Jun-12 14:00:00	15-Jun-12 15:00:00	0.00	1.33	0.00	0.00	5.28	2.1	329.7	0.00	0.44	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	15-Jun-12 14:00:00	0.23	10.79	18.92	83.84	88.42				
15-Jun-12 15:00:00	15-Jun-12 16:00:00	0.00	2.42	0.00	0.36	5.22	2.1	329.7	0.00	0.80	0.00	0.12	1.72	0.23	10.35	18.92	83.84	86.68	15-Jun-12 15:00:00	0.23	11.15	18.92	83.96	88.40				
15-Jun-12 16:00:00	15-Jun-12 17:00:00	0.00	0.35	0.00	0.80	5.24	2.1	329.7	0.00	0.12	0.00	0.26	1.73	0.23	10.35	18.92	83.84	86.68	15-Jun-12 16:00:00	0.23	10.47	18.92	84.10	88.41				
15-Jun-12 17:00:00	15-Jun-12 18:00:00	0.00	0.45	0.00	0.20	5.27	2.1	329.7	0.00	0.15	0.00	0.07	1.74	0.23	10.35	18.92	83.84	86.68	15-Jun-12 17:00:00	0.23	10.50	18.92	83.91	88.42				
15-Jun-12 18:00:00	15-Jun-12 19:00:00	0.00	0.32	0.00	1.46	5.29	2.1																					

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
17-Jun-12 01:00:00	17-Jun-12 02:00:00	0.00	0.00	0.00	0.35	6.50	2.1	329.7	0.00	0.00	0.11	2.14	0.23	10.35	18.92	83.84	86.68	17-Jun-12 01:00:00	0.23	10.35	18.92	83.95	88.82	
17-Jun-12 02:00:00	17-Jun-12 03:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	17-Jun-12 02:00:00	0.23	10.35	18.92	83.84	88.90	
17-Jun-12 03:00:00	17-Jun-12 04:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	17-Jun-12 03:00:00	0.23	10.35	18.92	83.84	88.96	
17-Jun-12 04:00:00	17-Jun-12 05:00:00	0.00	0.11	0.00	0.00	6.92	2.1	329.7	0.00	0.04	0.00	2.28	0.23	10.35	18.92	83.84	86.68	17-Jun-12 04:00:00	0.23	10.39	18.92	83.84	88.96	
17-Jun-12 05:00:00	17-Jun-12 06:00:00	0.00	0.52	0.00	0.54	6.93	2.1	329.7	0.00	0.17	0.00	2.28	0.23	10.35	18.92	83.84	86.68	17-Jun-12 05:00:00	0.23	10.52	18.92	84.02	88.96	
17-Jun-12 06:00:00	17-Jun-12 07:00:00	0.00	0.98	0.00	0.11	6.93	2.1	329.7	0.00	0.32	0.00	2.29	0.23	10.35	18.92	83.84	86.68	17-Jun-12 06:00:00	0.23	10.67	18.92	83.88	88.97	
17-Jun-12 07:00:00	17-Jun-12 08:00:00	0.00	2.54	0.00	0.15	6.86	2.1	329.7	0.00	0.84	0.00	2.26	0.23	10.35	18.92	83.84	86.68	17-Jun-12 07:00:00	0.23	11.19	18.92	83.89	88.94	
17-Jun-12 08:00:00	17-Jun-12 09:00:00	0.00	1.89	0.00	0.00	6.59	2.1	329.7	0.00	0.62	0.00	2.17	0.23	10.35	18.92	83.84	86.68	17-Jun-12 08:00:00	0.23	10.97	18.92	83.84	88.85	
17-Jun-12 09:00:00	17-Jun-12 10:00:00	0.00	1.34	0.00	0.00	6.31	2.1	329.7	0.00	0.44	0.00	2.08	0.23	10.35	18.92	83.84	86.68	17-Jun-12 09:00:00	0.23	10.79	18.92	83.84	88.76	
17-Jun-12 10:00:00	17-Jun-12 11:00:00	0.00	0.47	0.00	0.00	6.04	2.1	329.7	0.00	0.16	0.00	1.99	0.23	10.35	18.92	83.84	86.68	17-Jun-12 10:00:00	0.23	10.51	18.92	83.84	88.67	
17-Jun-12 11:00:00	17-Jun-12 12:00:00	0.00	1.64	0.00	0.00	5.77	2.1	329.7	0.00	0.54	0.00	1.90	0.23	10.35	18.92	83.84	86.68	17-Jun-12 11:00:00	0.23	10.89	18.92	83.84	88.58	
17-Jun-12 12:00:00	17-Jun-12 13:00:00	0.00	1.41	0.00	0.00	5.49	2.1	329.7	0.00	0.46	0.00	1.81	0.23	10.35	18.92	83.84	86.68	17-Jun-12 12:00:00	0.23	10.81	18.92	83.84	88.49	
17-Jun-12 13:00:00	17-Jun-12 14:00:00	0.00	1.47	0.00	0.08	5.21	2.1	329.7	0.00	0.48	0.00	1.72	0.23	10.35	18.92	83.84	86.68	17-Jun-12 13:00:00	0.23	10.83	18.92	83.87	88.40	
17-Jun-12 14:00:00	17-Jun-12 15:00:00	0.00	1.43	0.00	0.24	4.93	2.1	329.7	0.00	0.47	0.00	1.63	0.23	10.35	18.92	83.84	86.68	17-Jun-12 14:00:00	0.23	10.82	18.92	83.92	88.31	
17-Jun-12 15:00:00	17-Jun-12 16:00:00	0.00	0.51	0.00	0.20	4.91	2.1	329.7	0.00	0.17	0.00	1.62	0.23	10.35	18.92	83.84	86.68	17-Jun-12 15:00:00	0.23	10.52	18.92	83.91	88.30	
17-Jun-12 16:00:00	17-Jun-12 17:00:00	0.00	0.33	0.00	0.19	4.99	2.1	329.7	0.00	0.11	0.00	1.65	0.23	10.35	18.92	83.84	86.68	17-Jun-12 16:00:00	0.23	10.46	18.92	83.90	88.33	
17-Jun-12 17:00:00	17-Jun-12 18:00:00	0.00	0.16	0.00	0.94	5.08	2.1	329.7	0.00	0.05	0.00	1.67	0.23	10.35	18.92	83.84	86.68	17-Jun-12 17:00:00	0.23	10.40	18.92	84.15	88.35	
17-Jun-12 18:00:00	17-Jun-12 19:00:00	0.00	0.02	0.00	0.14	5.16	2.1	329.7	0.00	0.01	0.00	1.70	0.23	10.35	18.92	83.84	86.68	17-Jun-12 18:00:00	0.23	10.36	18.92	83.89	88.38	
17-Jun-12 19:00:00	17-Jun-12 20:00:00	0.00	0.00	0.00	0.13	5.14	2.1	329.7	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	17-Jun-12 19:00:00	0.23	10.35	18.92	83.88	88.38	
17-Jun-12 20:00:00	17-Jun-12 21:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	17-Jun-12 20:00:00	0.23	10.35	18.92	83.84	88.40	
17-Jun-12 21:00:00	17-Jun-12 22:00:00	0.00	0.00	0.00	10.70	5.30	2.1	329.7	0.00	0.00	0.00	3.53	1.75	0.23	10.35	18.92	83.84	86.68	17-Jun-12 21:00:00	0.23	10.35	18.92	87.37	88.43
17-Jun-12 22:00:00	17-Jun-12 23:00:00	0.00	0.48	0.00	0.00	5.38	2.1	329.7	0.00	0.16	0.00	1.77	0.23	10.35	18.92	83.84	86.68	17-Jun-12 22:00:00	0.23	10.51	18.92	83.84	88.45	
17-Jun-12 23:00:00	18-Jun-12 00:00:00	0.00	0.12	0.00	1.28	10.27	2.1	329.7	0.00	0.04	0.00	1.42	0.38	0.23	10.35	18.92	83.84	86.68	17-Jun-12 23:00:00	0.23	10.39	18.92	84.26	90.06
18-Jun-12 00:00:00	18-Jun-12 01:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	18-Jun-12 00:00:00	0.23	10.35	18.92	83.84	88.64	
18-Jun-12 01:00:00	18-Jun-12 02:00:00	0.00	0.00	0.00	0.15	6.08	2.1	329.7	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	18-Jun-12 01:00:00	0.23	10.35	18.92	83.89	88.68	
18-Jun-12 02:00:00	18-Jun-12 03:00:00	0.00	0.73	0.00	0.07	6.22	2.1	329.7	0.00	0.24	0.00	2.05	0.23	10.35	18.92	83.84	86.68	18-Jun-12 02:00:00	0.23	10.59	18.92	83.86	88.73	
18-Jun-12 03:00:00	18-Jun-12 04:00:00	0.00	0.36	0.00	0.00	6.35	2.1	329.7	0.00	0.12	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-Jun-12 03:00:00	0.23	10.47	18.92	83.84	88.77	
18-Jun-12 04:00:00	18-Jun-12 05:00:00	0.00	0.23	0.00	0.15	6.49	2.1	329.7	0.00	0.08	0.00	2.14	0.23	10.35	18.92	83.84	86.68	18-Jun-12 04:00:00	0.23	10.43	18.92	83.89	88.82	
18-Jun-12 05:00:00	18-Jun-12 06:00:00	0.00	0.10	0.00	0.00	8.89	2.1	329.7	0.00	0.03	0.00	2.93	0.23	10.35	18.92	83.84	86.68	18-Jun-12 05:00:00	0.23	10.38	18.92	83.84	89.61	
18-Jun-12 06:00:00	18-Jun-12 07:00:00	0.00	0.46	0.00	0.00	6.42	2.1	329.7	0.00	0.15	0.00	2.12	0.23	10.35	18.92	83.84	86.68	18-Jun-12 06:00:00	0.23	10.50	18.92	83.84	88.80	
18-Jun-12 07:00:00	18-Jun-12 08:00:00	0.00	9.08	0.00	0.00	6.39	2.1	329.7	0.00	2.99	0.00	2.11	0.23	10.35	18.92	83.84	86.68	18-Jun-12 07:00:00	0.23	13.34	18.92	83.84	88.79	
18-Jun-12 08:00:00	18-Jun-12 09:00:00	0.00	11.81	0.00	0.00	6.36	2.1	329.7	0.00	3.89	0.00	2.10	0.23	10.35	18.92	83.84	86.68	18-Jun-12 08:00:00	0.23	14.24	18.92	83.84	88.78	
18-Jun-12 09:00:00	18-Jun-12 10:00:00	0.00	9.62	0.00	0.09	6.27	2.1	329.7	0.00	3.17	0.00	2.07	0.23	10.35	18.92	83.84	86.68	18-Jun-12 09:00:00	0.23	13.52	18.92	83.87	88.75	
18-Jun-12 10:00:00	18-Jun-12 11:00:00	0.00	3.37	0.00	0.00	5.98	2.1	329.7	0.00	1.11	0.00	1.97	0.23	10.35	18.92	83.84	86.68	18-Jun-12 10:00:00	0.23	11.46	18.92	83.84	88.65	
18-Jun-12 11:00:00	18-Jun-12 12:00:00	0.00	1.20	0.00	0.27	5.69	2.1	329.7	0.00	0.39	0.00	1.88	0.23	10.35	18.92	83.84	86.68	18-Jun-12 11:00:00	0.23	10.74	18.92	83.93	88.56	
18-Jun-12 12:00:00	18-Jun-12 13:00:00	0.00	0.65	0.00	0.16	5.40	2.1	329.7	0.00	0.21	0.00	1.78	0.23	10.35	18.92	83.84	86.68	18-Jun-12 12:00:00	0.23	10.56	18.92	83.89	88.46	
18-Jun-12 13:00:00	18-Jun-12 14:00:00	0.00	1.15	0.00	0.50	5.14	2.1	329.7	0.00	0.38	0.00	1.63	0.23	10.35	18.92	83.84	86.68	18-Jun-12 13:00:00	0.23	10.73	18.92	84.00	88.38	
18-Jun-12 14:00:00	18-Jun-12 15:00:00	0.00	2.79	0.00	1.30	4.95	2.1	329.7	0.00	0.92	0.00	1.63	0.23	10.35	18.92	83.84	86.68	18-Jun-12 14:00:00	0.23	11.27	18.92	84.27	88.31	
18-Jun-12 15:00:00	18-Jun-12 16:00:00	0.00	3.66	0.00	0.83	4.76	2.1	329.7	0.00	1.21	0.00	1.57	0.23	10.35	18.92	83.84	86.68	18-Jun-12 15:00:00	0.23	11.56	18.92	84.11	88.25	
18-Jun-12 16:00:00	18-Jun-12 17:00:00	0.0																						

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor	Black Liquor	Black Liquor	Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
20-Jun-12 01:00:00	20-Jun-12 02:00:00	0.00	1.33	0.00	0.19	5.57	2.1	329.7	0.00	0.44	0.00	0.06	1.84	0.23	10.35	18.92	83.84	86.68	20-Jun-12 01:00:00	0.23	10.79	18.92	83.90	88.52					
20-Jun-12 02:00:00	20-Jun-12 03:00:00	0.00	2.28	0.00	0.07	5.71	2.1	329.7	0.00	0.75	0.00	0.02	1.88	0.23	10.35	18.92	83.84	86.68	20-Jun-12 02:00:00	0.23	11.10	18.92	83.86	88.56					
20-Jun-12 03:00:00	20-Jun-12 04:00:00	0.00	1.63	0.00	0.13	5.85	2.1	329.7	0.00	0.54	0.00	0.04	1.93	0.23	10.35	18.92	83.84	86.68	20-Jun-12 03:00:00	0.23	10.89	18.92	83.88	88.61					
20-Jun-12 04:00:00	20-Jun-12 05:00:00	0.00	0.97	0.00	0.00	5.95	2.1	329.7	0.00	0.32	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	20-Jun-12 04:00:00	0.23	10.67	18.92	83.84	88.64					
20-Jun-12 05:00:00	20-Jun-12 06:00:00	0.00	0.32	0.00	0.00	5.92	2.1	329.7	0.00	0.11	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	20-Jun-12 05:00:00	0.23	10.46	18.92	83.84	88.63					
20-Jun-12 06:00:00	20-Jun-12 07:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	20-Jun-12 06:00:00	0.23	10.35	18.92	83.84	88.65					
20-Jun-12 07:00:00	20-Jun-12 08:00:00	0.00	0.00	0.00	0.06	6.06	2.1	329.7	0.00	0.00	0.00	0.02	2.00	0.23	10.35	18.92	83.84	86.68	20-Jun-12 07:00:00	0.23	10.35	18.92	83.86	88.68					
20-Jun-12 08:00:00	20-Jun-12 09:00:00	0.00	0.00	0.00	0.33	6.09	2.1	329.7	0.00	0.00	0.00	0.11	2.01	0.23	10.35	18.92	83.84	86.68	20-Jun-12 08:00:00	0.23	10.35	18.92	83.95	88.69					
20-Jun-12 09:00:00	20-Jun-12 10:00:00	0.00	0.00	0.00	1.18	5.75	2.1	329.7	0.00	0.00	0.00	0.39	1.89	0.23	10.35	18.92	83.84	86.68	20-Jun-12 09:00:00	0.23	10.35	18.92	84.23	88.57					
20-Jun-12 10:00:00	20-Jun-12 11:00:00	0.00	0.17	0.00	0.00	5.41	2.1	329.7	0.00	0.05	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	20-Jun-12 10:00:00	0.23	10.40	18.92	83.84	88.46					
20-Jun-12 11:00:00	20-Jun-12 12:00:00	0.00	5.91	0.00	0.00	5.07	2.1	329.7	0.00	1.95	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	20-Jun-12 11:00:00	0.23	12.30	18.92	83.84	88.35					
20-Jun-12 12:00:00	20-Jun-12 13:00:00	0.00	3.54	0.00	0.00	4.74	2.1	329.7	0.00	1.17	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	20-Jun-12 12:00:00	0.23	11.52	18.92	83.84	88.24					
20-Jun-12 13:00:00	20-Jun-12 14:00:00	0.00	1.97	0.00	0.16	4.57	2.1	329.7	0.00	0.65	0.00	0.53	1.51	0.23	10.35	18.92	83.84	86.68	20-Jun-12 13:00:00	0.23	11.00	18.92	84.37	88.19					
20-Jun-12 14:00:00	20-Jun-12 15:00:00	0.00	1.23	0.00	0.00	4.46	2.1	329.7	0.00	0.41	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	20-Jun-12 14:00:00	0.23	10.76	18.92	83.84	88.15					
20-Jun-12 15:00:00	20-Jun-12 16:00:00	0.00	0.49	0.00	0.89	4.36	2.1	329.7	0.00	0.16	0.00	0.29	1.44	0.23	10.35	18.92	83.84	86.68	20-Jun-12 15:00:00	0.23	10.51	18.92	84.13	88.12					
20-Jun-12 16:00:00	20-Jun-12 17:00:00	0.00	0.01	0.00	0.32	4.31	2.1	329.7	0.00	0.00	0.00	0.11	1.42	0.23	10.35	18.92	83.84	86.68	20-Jun-12 16:00:00	0.23	10.35	18.92	83.95	88.10					
20-Jun-12 17:00:00	20-Jun-12 18:00:00	0.00	0.00	0.00	0.00	4.48	2.1	329.7	0.00	0.00	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	20-Jun-12 17:00:00	0.23	10.35	18.92	83.84	88.16					
20-Jun-12 18:00:00	20-Jun-12 19:00:00	0.00	0.00	0.00	0.00	4.55	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	20-Jun-12 18:00:00	0.23	10.35	18.92	83.84	88.18					
20-Jun-12 19:00:00	20-Jun-12 20:00:00	0.00	0.00	0.00	0.28	4.61	2.1	329.7	0.00	0.00	0.00	0.09	1.52	0.23	10.35	18.92	83.84	86.68	20-Jun-12 19:00:00	0.23	10.35	18.92	83.93	88.20					
20-Jun-12 20:00:00	20-Jun-12 21:00:00	0.00	0.00	0.00	0.00	4.67	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	20-Jun-12 20:00:00	0.23	10.35	18.92	83.84	88.22					
20-Jun-12 21:00:00	20-Jun-12 22:00:00	0.00	0.33	0.00	0.00	4.75	2.1	329.7	0.00	0.11	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	20-Jun-12 21:00:00	0.23	10.46	18.92	83.84	88.25					
20-Jun-12 22:00:00	20-Jun-12 23:00:00	0.00	2.38	0.00	0.95	4.91	2.1	329.7	0.00	0.78	0.00	0.31	1.62	0.23	10.35	18.92	83.84	86.68	20-Jun-12 22:00:00	0.23	11.13	18.92	84.15	88.30					
20-Jun-12 23:00:00	21-Jun-12 00:00:00	0.00	5.57	0.00	3.07	5.06	2.1	329.7	0.00	1.84	0.00	1.01	1.67	0.23	10.35	18.92	83.84	86.68	20-Jun-12 23:00:00	0.23	12.19	18.92	84.85	88.35					
21-Jun-12 00:00:00	21-Jun-12 01:00:00	0.00	2.21	0.00	1.33	5.20	2.1	329.7	0.00	0.73	0.00	0.44	1.72	0.23	10.35	18.92	83.84	86.68	21-Jun-12 00:00:00	0.23	11.08	18.92	84.28	88.40					
21-Jun-12 01:00:00	21-Jun-12 02:00:00	0.00	0.00	0.00	0.00	5.33	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	21-Jun-12 01:00:00	0.23	10.35	18.92	83.84	88.44					
21-Jun-12 02:00:00	21-Jun-12 03:00:00	0.00	0.11	0.00	0.00	5.50	2.1	329.7	0.00	0.04	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	21-Jun-12 02:00:00	0.23	10.39	18.92	83.84	88.49					
21-Jun-12 03:00:00	21-Jun-12 04:00:00	0.00	0.37	0.00	0.27	5.67	2.1	329.7	0.00	0.12	0.00	0.09	1.87	0.23	10.35	18.92	83.84	86.68	21-Jun-12 03:00:00	0.23	10.47	18.92	83.93	88.55					
21-Jun-12 04:00:00	21-Jun-12 05:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	21-Jun-12 04:00:00	0.23	10.35	18.92	83.84	88.60					
21-Jun-12 05:00:00	21-Jun-12 06:00:00	0.00	0.00	0.00	0.16	5.91	2.1	329.7	0.00	0.00	0.00	0.05	1.95	0.23	10.35	18.92	83.84	86.68	21-Jun-12 05:00:00	0.23	10.35	18.92	83.89	88.63					
21-Jun-12 06:00:00	21-Jun-12 07:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	21-Jun-12 06:00:00	0.23	10.35	18.92	83.84	88.64					
21-Jun-12 07:00:00	21-Jun-12 08:00:00	0.00	0.00	0.00	1.22	5.97	2.1	329.7	0.00	0.00	0.00	0.40	1.97	0.23	10.35	18.92	83.84	86.68	21-Jun-12 07:00:00	0.23	10.35	18.92	84.24	88.65					
21-Jun-12 08:00:00	21-Jun-12 09:00:00	0.00	0.00	0.00	0.32	5.99	2.1	329.7	0.00	0.00	0.00	0.11	1.98	0.23	10.35	18.92	83.84	86.68	21-Jun-12 08:00:00	0.23	10.35	18.92	83.95	88.66					
21-Jun-12 09:00:00	21-Jun-12 10:00:00	0.00	0.00	0.00	2.22	5.77	2.1	329.7	0.00	0.00	0.00	0.73	1.90	0.23	10.35	18.92	83.84	86.68	21-Jun-12 09:00:00	0.23	10.35	18.92	84.57	88.58					
21-Jun-12 10:00:00	21-Jun-12 11:00:00	0.00	0.76	0.00	0.59	5.42	2.1	329.7	0.00	0.25	0.00	0.19	1.79	0.23	10.35	18.92	83.84	86.68	21-Jun-12 10:00:00	0.23	10.60	18.92	84.03	88.47					
21-Jun-12 11:00:00	21-Jun-12 12:00:00	0.00	3.04	0.00	0.22	5.08	2.1	329.7	0.00	1.00	0.00	0.07	1.67	0.23	10.35	18.92	83.84</												

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	
23-Jun-12 01:00:00	23-Jun-12 02:00:00	0.00	0.30	0.00	0.00	5.96	2.1	329.7	0.00	0.10	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	23-Jun-12 01:00:00	0.23	10.45	18.92	83.84	86.64
23-Jun-12 02:00:00	23-Jun-12 03:00:00	0.00	3.11	0.00	0.00	5.96	2.1	329.7	0.00	1.02	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	23-Jun-12 02:00:00	0.23	11.37	18.92	83.84	86.64
23-Jun-12 03:00:00	23-Jun-12 04:00:00	0.00	4.16	0.00	0.00	5.95	2.1	329.7	0.00	1.37	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	23-Jun-12 03:00:00	0.23	11.72	18.92	83.84	86.64
23-Jun-12 04:00:00	23-Jun-12 05:00:00	0.00	1.47	0.00	0.00	5.96	2.1	329.7	0.00	0.48	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	23-Jun-12 04:00:00	0.23	10.83	18.92	83.84	86.65
23-Jun-12 05:00:00	23-Jun-12 06:00:00	0.00	0.96	0.00	0.00	5.99	2.1	329.7	0.00	0.32	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	23-Jun-12 05:00:00	0.23	10.67	18.92	83.84	86.65
23-Jun-12 06:00:00	23-Jun-12 07:00:00	0.00	0.58	0.00	0.00	5.96	2.1	329.7	0.00	0.19	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	23-Jun-12 06:00:00	0.23	10.54	18.92	83.84	86.64
23-Jun-12 07:00:00	23-Jun-12 08:00:00	0.00	0.20	0.00	0.00	5.92	2.1	329.7	0.00	0.07	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	23-Jun-12 07:00:00	0.23	10.42	18.92	83.84	86.63
23-Jun-12 08:00:00	23-Jun-12 09:00:00	0.00	0.35	0.00	0.00	5.87	2.1	329.7	0.00	0.11	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	23-Jun-12 08:00:00	0.23	10.46	18.92	83.84	86.62
23-Jun-12 09:00:00	23-Jun-12 10:00:00	0.00	1.12	0.00	0.00	5.63	2.1	329.7	0.00	0.37	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	23-Jun-12 09:00:00	0.23	10.72	18.92	83.84	86.54
23-Jun-12 10:00:00	23-Jun-12 11:00:00	0.00	2.35	0.00	0.00	5.36	2.1	329.7	0.00	0.78	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	23-Jun-12 10:00:00	0.23	11.13	18.92	83.84	86.45
23-Jun-12 11:00:00	23-Jun-12 12:00:00	0.00	4.41	0.00	0.00	5.09	2.1	329.7	0.00	1.45	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	23-Jun-12 11:00:00	0.23	11.80	18.92	83.84	86.36
23-Jun-12 12:00:00	23-Jun-12 13:00:00	0.00	2.55	0.00	0.00	4.78	2.1	329.7	0.00	0.84	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	23-Jun-12 12:00:00	0.23	11.19	18.92	83.84	86.26
23-Jun-12 13:00:00	23-Jun-12 14:00:00	0.00	0.17	0.00	0.30	4.48	2.1	329.7	0.00	0.06	0.00	0.10	1.48	0.23	10.35	18.92	83.84	86.68	23-Jun-12 13:00:00	0.23	10.41	18.92	83.94	86.16
23-Jun-12 14:00:00	23-Jun-12 15:00:00	0.00	3.21	0.00	0.76	4.35	2.1	329.7	0.00	1.06	0.00	0.25	1.43	0.23	10.35	18.92	83.84	86.68	23-Jun-12 14:00:00	0.23	11.41	18.92	84.09	86.11
23-Jun-12 15:00:00	23-Jun-12 16:00:00	0.00	0.58	0.00	0.21	4.22	2.1	329.7	0.00	0.19	0.00	0.07	1.39	0.23	10.35	18.92	83.84	86.68	23-Jun-12 15:00:00	0.23	10.54	18.92	83.91	86.07
23-Jun-12 16:00:00	23-Jun-12 17:00:00	0.00	0.33	0.00	0.00	4.10	2.1	329.7	0.00	0.11	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	23-Jun-12 16:00:00	0.23	10.46	18.92	83.84	86.03
23-Jun-12 17:00:00	23-Jun-12 18:00:00	0.00	0.66	0.00	0.00	4.17	2.1	329.7	0.00	0.22	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	23-Jun-12 17:00:00	0.23	10.57	18.92	83.84	86.06
23-Jun-12 18:00:00	23-Jun-12 19:00:00	0.00	1.78	0.00	0.00	4.32	2.1	329.7	0.00	0.59	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	23-Jun-12 18:00:00	0.23	10.94	18.92	83.84	86.10
23-Jun-12 19:00:00	23-Jun-12 20:00:00	0.00	1.22	0.00	0.00	4.46	2.1	329.7	0.00	0.40	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	23-Jun-12 19:00:00	0.23	10.75	18.92	83.84	86.15
23-Jun-12 20:00:00	23-Jun-12 21:00:00	113.45	1.77	0.00	0.25	4.61	2.1	329.7	37.40	0.58	0.00	0.08	1.52	0.23	10.35	18.92	83.84	86.68	23-Jun-12 20:00:00	37.63	10.93	18.92	83.92	86.20
23-Jun-12 21:00:00	23-Jun-12 22:00:00	259.73	2.27	0.00	6.63	30.74	2.1	329.7	85.63	0.75	0.00	2.19	10.13	0.23	10.35	18.92	83.84	86.68	23-Jun-12 21:00:00	85.86	11.10	18.92	86.03	96.81
23-Jun-12 22:00:00	23-Jun-12 23:00:00	258.42	3.86	0.00	3.51	9.73	2.1	329.7	85.20	1.27	0.00	1.16	3.21	0.23	10.35	18.92	83.84	86.68	23-Jun-12 22:00:00	85.43	11.62	18.92	85.00	89.89
23-Jun-12 23:00:00	24-Jun-12 00:00:00	825.67	4.79	0.00	164.53	6.76	2.1	329.7	272.22	1.58	0.00	54.24	2.23	0.23	10.35	18.92	83.84	86.68	23-Jun-12 23:00:00	272.45	11.93	18.92	138.08	88.91
24-Jun-12 00:00:00	24-Jun-12 01:00:00	1,070.21	0.81	0.00	211.47	6.61	2.1	329.7	352.85	0.27	0.00	69.72	2.18	0.23	10.35	18.92	83.84	86.68	24-Jun-12 00:00:00	353.08	10.62	18.92	153.56	88.86
24-Jun-12 01:00:00	24-Jun-12 02:00:00	1,045.32	3.00	17.97	194.31	6.46	2.1	329.7	344.64	0.99	5.93	64.06	2.13	0.23	10.35	18.92	83.84	86.68	24-Jun-12 01:00:00	344.87	11.34	24.85	147.90	88.81
24-Jun-12 02:00:00	24-Jun-12 03:00:00	1,041.97	0.25	0.00	196.78	6.34	2.1	329.7	343.54	0.08	0.00	64.88	2.09	0.23	10.35	18.92	83.84	86.68	24-Jun-12 02:00:00	343.77	10.43	18.92	148.72	88.77
24-Jun-12 03:00:00	24-Jun-12 04:00:00	900.39	0.49	0.00	188.55	6.31	2.1	329.7	296.86	0.16	0.00	62.16	2.08	0.23	10.35	18.92	83.84	86.68	24-Jun-12 03:00:00	297.09	10.51	18.92	146.00	88.76
24-Jun-12 04:00:00	24-Jun-12 05:00:00	835.82	0.90	0.00	188.36	6.29	2.1	329.7	275.57	0.30	0.00	62.10	2.07	0.23	10.35	18.92	83.84	86.68	24-Jun-12 04:00:00	275.80	10.65	18.92	145.94	88.75
24-Jun-12 05:00:00	24-Jun-12 06:00:00	839.30	1.56	0.00	187.52	6.26	2.1	329.7	276.72	0.51	0.00	61.82	2.06	0.23	10.35	18.92	83.84	86.68	24-Jun-12 05:00:00	276.95	10.86	18.92	145.66	88.74
24-Jun-12 06:00:00	24-Jun-12 07:00:00	712.00	0.65	0.00	186.29	6.30	2.1	329.7	234.75	0.21	0.00	61.42	2.02	0.23	10.35	18.92	83.84	86.68	24-Jun-12 06:00:00	234.98	10.56	18.92	145.26	88.76
24-Jun-12 07:00:00	24-Jun-12 08:00:00	946.19	0.83	0.00	178.13	6.13	2.1	329.7	311.96	0.27	0.00	58.73	2.02	0.23	10.35	18.92	83.84	86.68	24-Jun-12 07:00:00	312.19	10.62	18.92	142.57	88.70
24-Jun-12 08:00:00	24-Jun-12 09:00:00	894.18	1.10	0.00	181.96	5.91	2.1	329.7	294.81	0.36	0.00	59.99	1.95	0.23	10.35	18.92	83.84	86.68	24-Jun-12 08:00:00	295.04	10.71	18.92	143.83	88.63
24-Jun-12 09:00:00	24-Jun-12 10:00:00	279.70	0.49	0.00	175.92	5.70	2.1	329.7	92.22	0.16	0.00	58.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Jun-12 09:00:00	92.45	10.51	18.92	141.84	88.56
24-Jun-12 10:00:00	24-Jun-12 11:00:00	497.09	1.22	0.00	166.35	5.50	2.1	329.7	163.89	0.40	0.00	54.85	1.81	0.23	10.35	18.92	83.84	86.68	24-Jun-12 10:00:00	164.12	10.75	18.92	138.69	88.49
24-Jun-12 11:00:00	24-Jun-12 12:00:00	371.84	5.99	0.00	162.90	5.29	2.1	329.7	122.60	1.98	0.00	53.71	1.74	0.23	10.35	18.92	83.84	86.68	24-Jun-12 11:00:00	122.83	12.33	18.92	137.55	88.42
24-Jun-12 12:00:00	24-Jun-12 13:00:00	290.53	0.27	0.00	130.28	5.07	2.1	329.7	95.79	0.09	0.00	42.95	1.67	0.23	10.35	18.92	83.84	86.68	24-Jun-12 12:00:00	96.02	10.44	18.92	126.79	88.35
24-Jun-12 13:00:00	24-Jun-12 14:00:00	270.79	0.00	0.00	134.97	4.84	2.1	329.7	89.28	0.00	0.00	44.50	1.60	0.23	10.35	18.92	83.84	86.68	24-Jun-12 13:00:00	89.51	10.35	18.92	128.34	88.28
24-Jun-12 14:00:00	24-Jun-12 15:00:00	274.83	0.00	0.00	119.02	4.79	2.1	329.7	90.61	0.00	0.00	39.24	1.58	0.23	10.35	18.92	83.84	86.68	24-Jun-12 14:00:00	90.84	10.35	18.92	123.08	88.26
24-Jun-12 15:00:00	24-Jun-12 16:00:00	256.26	0.00	0.00	119.75	4.96	2.1	329.7	84.49	0.00	0.00	39.48	1.64	0.23	10.35	18.92	83.84	86.68	24-Jun-12 15:00:00	84.72	10.35	18.92	123.32	88.32
24-Jun-12 16:00:00	24-Jun-12 17:00:00	246.04	0.00	0.00	140.38	5.12	2.1	329.7	81.12	0.00	0.00	46.28	1.69	0.23	10.35	18.92	83.84	86.68	24-Jun-12 16:00:00	81.35	10.35	18.92	130.12	88.37
24-Jun-12 17:00:00	24-Jun-12 18:00:00	274.18	0.00	0.00	134.09	105.97	2.1	329.7	90.40	0.00	0.00	44.21	34.94	0.23	10.35	18.92	83.84	86.68	24-Jun-12 17:00:00	90.63	10.35	18.92	128.05	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
26-Jun-12 01:00:00	26-Jun-12 02:00:00	414.08	0.00	199.26	54.46	5.49	2.1	329.7	136.52	0.00	65.70	17.95	1.81	0.23	10.35	18.92	83.84	86.68	26-Jun-12 01:00:00	136.75	10.35	84.62	101.79	88.49
26-Jun-12 02:00:00	26-Jun-12 03:00:00	396.15	0.44	107.86	30.15	5.67	2.1	329.7	130.61	0.14	35.56	9.94	1.87	0.23	10.35	18.92	83.84	86.68	26-Jun-12 02:00:00	130.84	10.49	54.48	93.78	88.55
26-Jun-12 03:00:00	26-Jun-12 04:00:00	10.84	1.10	0.00	26.86	5.88	2.1	329.7	3.57	0.36	0.00	8.85	1.94	0.23	10.35	18.92	83.84	86.68	26-Jun-12 03:00:00	3.80	10.71	18.92	92.69	88.62
26-Jun-12 04:00:00	26-Jun-12 05:00:00	0.00	4.54	0.00	29.55	6.09	2.1	329.7	0.00	1.50	0.00	9.74	2.01	0.23	10.35	18.92	83.84	86.68	26-Jun-12 04:00:00	0.23	11.85	18.92	93.58	88.69
26-Jun-12 05:00:00	26-Jun-12 06:00:00	0.00	1.21	0.00	33.36	6.29	2.1	329.7	0.00	0.40	0.00	11.00	2.07	0.23	10.35	18.92	83.84	86.68	26-Jun-12 05:00:00	0.23	10.75	18.92	94.84	88.75
26-Jun-12 06:00:00	26-Jun-12 07:00:00	0.00	4.89	0.00	30.98	6.35	2.1	329.7	0.00	1.61	0.00	10.21	2.09	0.23	10.35	18.92	83.84	86.68	26-Jun-12 06:00:00	0.23	11.96	18.92	94.05	88.77
26-Jun-12 07:00:00	26-Jun-12 08:00:00	0.00	1.69	0.00	32.67	6.37	2.1	329.7	0.00	0.56	0.00	10.77	2.10	0.23	10.35	18.92	83.84	86.68	26-Jun-12 07:00:00	0.23	10.91	18.92	94.61	88.78
26-Jun-12 08:00:00	26-Jun-12 09:00:00	0.00	0.96	0.00	38.92	6.38	2.1	329.7	0.00	0.32	0.00	12.83	2.10	0.23	10.35	18.92	83.84	86.68	26-Jun-12 08:00:00	0.23	10.67	18.92	96.67	88.78
26-Jun-12 09:00:00	26-Jun-12 10:00:00	89.53	0.36	0.00	29.04	6.37	2.1	329.7	32.82	0.12	0.00	9.57	2.10	0.23	10.35	18.92	83.84	86.68	26-Jun-12 09:00:00	33.05	10.47	18.92	93.41	88.78
26-Jun-12 10:00:00	26-Jun-12 11:00:00	95.89	0.00	0.00	65.73	6.18	2.1	329.7	283.18	0.00	0.00	21.67	2.04	0.23	10.35	18.92	83.84	86.68	26-Jun-12 10:00:00	283.41	10.35	18.92	105.51	88.72
26-Jun-12 11:00:00	26-Jun-12 12:00:00	1,099.70	0.00	0.00	53.71	5.97	2.1	329.7	362.57	0.00	0.00	17.71	1.97	0.23	10.35	18.92	83.84	86.68	26-Jun-12 11:00:00	362.80	10.35	18.92	101.55	88.65
26-Jun-12 12:00:00	26-Jun-12 13:00:00	1,259.47	0.00	0.00	55.67	5.77	2.1	329.7	415.25	0.00	0.00	18.35	1.90	0.23	10.35	18.92	83.84	86.68	26-Jun-12 12:00:00	415.48	10.35	18.92	102.19	88.58
26-Jun-12 13:00:00	26-Jun-12 14:00:00	1,261.64	0.10	0.00	34.19	5.52	2.1	329.7	415.96	0.03	0.00	11.27	1.82	0.23	10.35	18.92	83.84	86.68	26-Jun-12 13:00:00	416.19	10.38	18.92	95.11	88.50
26-Jun-12 14:00:00	26-Jun-12 15:00:00	1,192.27	1.93	0.00	27.45	5.33	2.1	329.7	393.09	0.64	0.00	9.05	1.76	0.23	10.35	18.92	83.84	86.68	26-Jun-12 14:00:00	393.32	10.99	18.92	92.89	88.44
26-Jun-12 15:00:00	26-Jun-12 16:00:00	1,001.94	2.55	0.00	18.40	5.28	2.1	329.7	330.34	0.84	0.00	6.07	1.74	0.23	10.35	18.92	83.84	86.68	26-Jun-12 15:00:00	330.57	11.19	18.92	89.91	88.42
26-Jun-12 16:00:00	26-Jun-12 17:00:00	775.58	0.59	0.00	22.77	5.24	2.1	329.7	255.71	0.20	0.00	7.51	1.73	0.23	10.35	18.92	83.84	86.68	26-Jun-12 16:00:00	255.94	10.55	18.92	91.35	88.41
26-Jun-12 17:00:00	26-Jun-12 18:00:00	1,142.27	1.58	0.00	40.21	5.21	2.1	329.7	376.61	0.52	0.00	13.26	1.72	0.23	10.35	18.92	83.84	86.68	26-Jun-12 17:00:00	376.84	10.87	18.92	97.10	88.40
26-Jun-12 18:00:00	26-Jun-12 19:00:00	1,073.14	1.10	0.00	20.64	5.32	2.1	329.7	353.81	0.36	0.00	6.80	1.75	0.23	10.35	18.92	83.84	86.68	26-Jun-12 18:00:00	354.04	10.71	18.92	90.64	88.43
26-Jun-12 19:00:00	26-Jun-12 20:00:00	1,052.24	0.61	0.00	42.73	5.46	2.1	329.7	346.92	0.20	0.00	14.09	1.80	0.23	10.35	18.92	83.84	86.68	26-Jun-12 19:00:00	347.15	10.55	18.92	97.93	88.48
26-Jun-12 20:00:00	26-Jun-12 21:00:00	1,203.16	0.41	0.00	50.79	5.60	2.1	329.7	396.68	0.13	0.00	16.75	1.85	0.23	10.35	18.92	83.84	86.68	26-Jun-12 20:00:00	396.91	10.48	18.92	100.59	88.53
26-Jun-12 21:00:00	26-Jun-12 22:00:00	1,012.48	1.93	0.00	77.64	5.75	2.1	329.7	333.81	0.64	0.00	25.60	1.90	0.23	10.35	18.92	83.84	86.68	26-Jun-12 21:00:00	334.04	10.99	18.92	109.44	88.58
26-Jun-12 22:00:00	26-Jun-12 23:00:00	808.58	0.99	0.00	50.49	5.92	2.1	329.7	266.59	0.33	0.00	16.65	1.95	0.23	10.35	18.92	83.84	86.68	26-Jun-12 22:00:00	266.82	10.68	18.92	100.49	88.63
26-Jun-12 23:00:00	27-Jun-12 00:00:00	590.92	1.77	0.00	44.77	6.07	2.1	329.7	194.83	0.58	0.00	14.76	2.00	0.23	10.35	18.92	83.84	86.68	26-Jun-12 23:00:00	195.06	10.93	18.92	98.60	88.68
27-Jun-12 00:00:00	27-Jun-12 01:00:00	485.22	2.07	0.00	52.76	66.34	2.1	329.7	159.98	0.68	0.00	17.40	21.87	0.23	10.35	18.92	83.84	86.68	27-Jun-12 00:00:00	160.21	11.03	18.92	101.24	108.55
27-Jun-12 01:00:00	27-Jun-12 02:00:00	462.31	2.37	0.00	51.84	6.39	2.1	329.7	152.42	0.78	0.00	17.09	2.11	0.23	10.35	18.92	83.84	86.68	27-Jun-12 01:00:00	152.65	11.13	18.92	100.93	88.79
27-Jun-12 02:00:00	27-Jun-12 03:00:00	472.77	1.93	0.00	36.15	6.40	2.1	329.7	155.87	0.64	0.00	11.92	2.11	0.23	10.35	18.92	83.84	86.68	27-Jun-12 02:00:00	156.10	10.99	18.92	95.76	88.79
27-Jun-12 03:00:00	27-Jun-12 04:00:00	638.59	3.61	0.00	45.06	6.41	2.1	329.7	210.54	1.19	0.00	14.86	2.11	0.23	10.35	18.92	83.84	86.68	27-Jun-12 03:00:00	210.77	11.54	18.92	98.70	88.79
27-Jun-12 04:00:00	27-Jun-12 05:00:00	905.16	2.29	0.00	61.50	6.49	2.1	329.7	298.43	0.75	0.00	20.28	2.14	0.23	10.35	18.92	83.84	86.68	27-Jun-12 04:00:00	298.66	11.10	18.92	104.12	88.82
27-Jun-12 05:00:00	27-Jun-12 06:00:00	827.53	14.88	0.00	58.08	6.54	2.1	329.7	272.84	4.91	0.00	19.15	2.16	0.23	10.35	18.92	83.84	86.68	27-Jun-12 05:00:00	273.07	15.26	18.92	102.99	88.84
27-Jun-12 06:00:00	27-Jun-12 07:00:00	1,064.88	26.33	0.00	54.69	6.49	2.1	329.7	351.09	8.68	0.00	18.03	2.14	0.23	10.35	18.92	83.84	86.68	27-Jun-12 06:00:00	351.32	19.03	18.92	101.87	88.82
27-Jun-12 07:00:00	27-Jun-12 08:00:00	853.91	32.37	0.00	37.48	6.44	2.1	329.7	281.53	10.67	0.00	12.36	2.12	0.23	10.35	18.92	83.84	86.68	27-Jun-12 07:00:00	281.76	21.02	18.92	96.20	88.80
27-Jun-12 08:00:00	27-Jun-12 09:00:00	691.84	32.90	0.00	26.86	6.37	2.1	329.7	228.10	10.85	0.00	8.86	2.10	0.23	10.35	18.92	83.84	86.68	27-Jun-12 08:00:00	228.33	21.20	18.92	92.70	88.78
27-Jun-12 09:00:00	27-Jun-12 10:00:00	836.63	19.33	0.00	28.94	6.02	2.1	329.7	275.84	6.37	0.00	9.54	1.99	0.23	10.35	18.92	83.84	86.68	27-Jun-12 09:00:00	276.07	16.72	18.92	93.38	88.67
27-Jun-12 10:00:00	27-Jun-12 11:00:00	766.72	4.77	0.00	11.59	5.59	2.1	329.7	252.79	1.57	0.00	3.82	1.84	0.23	10.35	18.92	83.84	86.68	27-Jun-12 10:00:00	253.02	11.92	18.92	87.66	88.52
27-Jun-12 11:00:00	27-Jun-12 12:00:00	766.80	0.00	0.00	30.30	5.16	2.1	329.7	252.81	0.00	0.00	9.99	1.70	0.23	10.35	18.92	83.84	86.68	27-Jun-12 11:00:00	253.04	10.35	18.92	93.83	88.38
27-Jun-12 12:00:00	27-Jun-12 13:00:00	430.83	0.25	0.00	43.80	4.77	2.1	329.7	142.04	0.08	0.00	14.44	1.57	0.23	10.35	18.92	83.84	86.68	27-Jun-12 12:00:00	142.27	10.43	18.92	98.28	88.25
27-Jun-12 13:00:00	27-Jun-12 14:00:00	222.06	1.08	0.00	45.05	4.67	2.1	329.7	73.21	0.36	0.00	14.85	1.54	0.23	10.35	18.92	83.84	86.68	27-Jun-12 13:00:00	73.44	10.71	18.92	98.	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
29-Jun-12 01:00:00	29-Jun-12 02:00:00	1,151.64	9.29	0.00	46.96	236.49	2.1	329.7	379.70	3.06	0.00	15.48	77.97	0.23	10.35	18.92	83.84	86.68	29-Jun-12 01:00:00	379.93	13.41	18.92	99.32	164.65
29-Jun-12 02:00:00	29-Jun-12 03:00:00	407.33	5.14	0.00	54.19	5.36	2.1	329.7	134.30	1.70	0.00	17.87	1.77	0.23	10.35	18.92	83.84	86.68	29-Jun-12 02:00:00	134.53	12.05	18.92	101.71	88.45
29-Jun-12 03:00:00	29-Jun-12 04:00:00	343.56	0.10	0.00	47.57	5.53	2.1	329.7	113.27	0.03	0.00	15.69	1.82	0.23	10.35	18.92	83.84	86.68	29-Jun-12 03:00:00	113.50	10.38	18.92	99.53	88.50
29-Jun-12 04:00:00	29-Jun-12 05:00:00	407.99	0.11	0.00	42.35	5.69	2.1	329.7	134.51	0.04	0.00	13.96	1.88	0.23	10.35	18.92	83.84	86.68	29-Jun-12 04:00:00	134.74	10.39	18.92	97.80	88.56
29-Jun-12 05:00:00	29-Jun-12 06:00:00	429.23	0.00	0.00	56.55	5.77	2.1	329.7	141.52	0.00	0.00	18.64	1.90	0.23	10.35	18.92	83.84	86.68	29-Jun-12 05:00:00	141.75	10.35	18.92	102.48	88.58
29-Jun-12 06:00:00	29-Jun-12 07:00:00	416.58	0.00	0.00	70.66	5.53	2.1	329.7	137.35	0.00	0.00	23.30	1.82	0.23	10.35	18.92	83.84	86.68	29-Jun-12 06:00:00	137.58	10.35	18.92	107.14	88.50
29-Jun-12 07:00:00	29-Jun-12 08:00:00	479.60	0.00	0.00	52.31	5.27	2.1	329.7	158.12	0.00	0.00	17.25	1.74	0.23	10.35	18.92	83.84	86.68	29-Jun-12 07:00:00	158.35	10.35	18.92	101.09	88.42
29-Jun-12 08:00:00	29-Jun-12 09:00:00	428.15	0.00	0.00	50.19	5.02	2.1	329.7	141.16	0.00	0.00	16.55	1.65	0.23	10.35	18.92	83.84	86.68	29-Jun-12 08:00:00	141.39	10.35	18.92	100.39	88.33
29-Jun-12 09:00:00	29-Jun-12 10:00:00	443.26	2.37	0.00	30.62	4.80	2.1	329.7	146.14	0.78	0.00	10.10	1.58	0.23	10.35	18.92	83.84	86.68	29-Jun-12 09:00:00	146.37	11.13	18.92	93.94	88.26
29-Jun-12 10:00:00	29-Jun-12 11:00:00	421.71	5.08	0.00	24.98	4.47	2.1	329.7	139.04	1.67	0.00	8.23	1.47	0.23	10.35	18.92	83.84	86.68	29-Jun-12 10:00:00	139.27	12.02	18.92	92.07	88.15
29-Jun-12 11:00:00	29-Jun-12 12:00:00	361.14	7.41	0.00	31.98	4.06	2.1	329.7	119.07	2.44	0.00	10.54	1.34	0.23	10.35	18.92	83.84	86.68	29-Jun-12 11:00:00	119.30	12.79	18.92	94.38	88.02
29-Jun-12 12:00:00	29-Jun-12 13:00:00	309.17	10.66	0.00	22.17	3.64	2.1	329.7	101.93	3.51	0.00	7.31	1.20	0.23	10.35	18.92	83.84	86.68	29-Jun-12 12:00:00	102.16	13.86	18.92	91.15	87.88
29-Jun-12 13:00:00	29-Jun-12 14:00:00	0.00	4.20	0.00	11.82	3.28	2.1	329.7	0.00	1.38	0.00	3.90	1.08	0.23	10.35	18.92	83.84	86.68	29-Jun-12 13:00:00	0.23	11.73	18.92	87.74	87.76
29-Jun-12 14:00:00	29-Jun-12 15:00:00	0.00	14.20	0.00	3.00	3.15	2.1	329.7	0.00	4.68	0.00	0.99	1.04	0.23	10.35	18.92	83.84	86.68	29-Jun-12 14:00:00	0.23	15.03	18.92	84.83	87.72
29-Jun-12 15:00:00	29-Jun-12 16:00:00	0.00	20.79	0.00	114.46	3.05	2.1	329.7	0.00	6.86	0.00	37.74	1.00	0.23	10.35	18.92	83.84	86.68	29-Jun-12 15:00:00	0.23	17.21	18.92	121.58	87.68
29-Jun-12 16:00:00	29-Jun-12 17:00:00	0.00	27.29	0.00	129.84	2.94	2.1	329.7	0.00	9.00	0.00	42.81	0.97	0.23	10.35	18.92	83.84	86.68	29-Jun-12 16:00:00	0.23	19.35	18.92	126.65	87.65
29-Jun-12 17:00:00	29-Jun-12 18:00:00	0.00	21.87	0.00	12.31	2.90	2.1	329.7	0.00	7.21	0.00	4.06	0.96	0.23	10.35	18.92	83.84	86.68	29-Jun-12 17:00:00	0.23	17.56	18.92	87.90	87.64
29-Jun-12 18:00:00	29-Jun-12 19:00:00	0.00	17.92	0.00	0.00	3.18	2.1	329.7	0.00	5.91	0.00	1.05	0.23	10.35	18.92	83.84	86.68	29-Jun-12 18:00:00	0.23	16.26	18.92	83.84	87.73	
29-Jun-12 19:00:00	29-Jun-12 20:00:00	0.00	21.17	0.00	0.00	3.51	2.1	329.7	0.00	6.98	0.00	1.16	0.23	10.35	18.92	83.84	86.68	29-Jun-12 19:00:00	0.23	17.33	18.92	83.84	87.84	
29-Jun-12 20:00:00	29-Jun-12 21:00:00	0.00	23.28	0.00	0.00	3.84	2.1	329.7	0.00	7.68	0.00	1.27	0.23	10.35	18.92	83.84	86.68	29-Jun-12 20:00:00	0.23	18.03	18.92	83.84	87.95	
29-Jun-12 21:00:00	29-Jun-12 22:00:00	0.00	11.23	0.00	0.00	4.15	2.1	329.7	0.00	3.70	0.00	1.37	0.23	10.35	18.92	83.84	86.68	29-Jun-12 21:00:00	0.23	14.05	18.92	83.84	88.05	
29-Jun-12 22:00:00	29-Jun-12 23:00:00	0.00	16.39	0.00	0.00	4.47	2.1	329.7	0.00	5.41	0.00	1.47	0.23	10.35	18.92	83.84	86.68	29-Jun-12 22:00:00	0.23	15.76	18.92	83.84	88.15	
29-Jun-12 23:00:00	30-Jun-12 00:00:00	0.00	16.63	0.00	0.00	4.84	2.1	329.7	0.00	5.48	0.00	1.60	0.23	10.35	18.92	83.84	86.68	29-Jun-12 23:00:00	0.23	15.83	18.92	83.84	88.28	
30-Jun-12 00:00:00	30-Jun-12 01:00:00	0.00	6.21	0.00	0.00	5.20	2.1	329.7	0.00	2.05	0.00	1.72	0.23	10.35	18.92	83.84	86.68	30-Jun-12 00:00:00	0.23	12.40	18.92	83.84	88.40	
30-Jun-12 01:00:00	30-Jun-12 02:00:00	0.00	0.05	0.00	0.00	5.52	2.1	329.7	0.00	0.02	0.00	1.82	0.23	10.35	18.92	83.84	86.68	30-Jun-12 01:00:00	0.23	10.37	18.92	83.84	88.50	
30-Jun-12 02:00:00	30-Jun-12 03:00:00	0.00	0.16	0.00	0.00	5.59	2.1	329.7	0.00	0.05	0.00	1.84	0.23	10.35	18.92	83.84	86.68	30-Jun-12 02:00:00	0.23	10.40	18.92	83.84	88.52	
30-Jun-12 03:00:00	30-Jun-12 04:00:00	0.00	7.96	0.00	0.00	5.64	2.1	329.7	0.00	2.63	0.00	1.86	0.23	10.35	18.92	83.84	86.68	30-Jun-12 03:00:00	0.23	12.98	18.92	83.84	88.54	
30-Jun-12 04:00:00	30-Jun-12 05:00:00	0.00	12.58	0.00	0.00	5.69	2.1	329.7	0.00	4.15	0.00	1.88	0.23	10.35	18.92	83.84	86.68	30-Jun-12 04:00:00	0.23	14.50	18.92	83.84	88.56	
30-Jun-12 05:00:00	30-Jun-12 06:00:00	0.00	10.34	0.00	0.00	5.75	2.1	329.7	0.00	3.41	0.00	1.90	0.23	10.35	18.92	83.84	86.68	30-Jun-12 05:00:00	0.23	13.76	18.92	83.84	88.58	
30-Jun-12 06:00:00	30-Jun-12 07:00:00	0.00	13.97	0.00	0.00	5.76	2.1	329.7	0.00	4.61	0.00	1.90	0.23	10.35	18.92	83.84	86.68	30-Jun-12 06:00:00	0.23	14.96	18.92	83.84	88.58	
30-Jun-12 07:00:00	30-Jun-12 08:00:00	0.00	13.62	0.00	0.00	5.74	2.1	329.7	0.00	4.49	0.00	1.89	0.23	10.35	18.92	83.84	86.68	30-Jun-12 07:00:00	0.23	14.84	18.92	83.84	88.57	
30-Jun-12 08:00:00	30-Jun-12 09:00:00	0.00	13.16	0.00	0.00	5.73	2.1	329.7	0.00	4.34	0.00	1.89	0.23	10.35	18.92	83.84	86.68	30-Jun-12 08:00:00	0.23	14.69	18.92	83.84	88.57	
30-Jun-12 09:00:00	30-Jun-12 10:00:00	0.00	9.93	0.00	0.00	5.67	2.1	329.7	0.00	3.27	0.00	1.87	0.23	10.35	18.92	83.84	86.68	30-Jun-12 09:00:00	0.23	13.62	18.92	83.84	88.55	
30-Jun-12 10:00:00	30-Jun-12 11:00:00	0.00	10.39	0.00	0.00	5.31	2.1	329.7	0.00	3.43	0.00	1.75	0.23	10.35	18.92	83.84	86.68	30-Jun-12 10:00:00	0.23	13.78	18.92	83.84	88.43	
30-Jun-12 11:00:00	30-Jun-12 12:00:00	0.33	3.35	0.00	0.00	4.91	2.1	329.7	0.11	1.10	0.00	1.62	0.23	10.35	18.92	83.84	86.68	30-Jun-12 11:00:00	0.34	11.45	18.92	83.84	88.30	
30-Jun-12 12:00:00	30-Jun-12 13:00:00	1.14	2.52	0.00	0.00	4.51	2.1	329.7	0.38	0.83	0.00	1.49	0.23	10.35	18.92	83.84	86.68	30-Jun-12 12:00:00	0.61	11.18	18.92	83.84	88.17	
30-Jun-12 13:00:00	30-Jun-12 14:00:00	0.00	6.32	0.00	0.00	4.10	2.1	329.7	0.00	2.08	0.00	1.35	0.23	10.35	18.92	83.84	86.68	30-Jun-12 13:00:00	0.23	12.43	18.92	83.84	88.03	
30-Jun-12 14:00:00	30-Jun-12 15:00:00	0.00	4.58	0.00	0.00	3.92	2.1	329.7	0.00	1.51	0.00	1.29	0.23	10.35	18.92	83.84	86.68	30-Jun-12 14:00:00	0.23	11.86	18.92	83.84	87.97	
30-Jun-12 15:00:00	30-Jun-12 16:00:00	0.00																						

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor	Black Liquor	Black Liquor	Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
02-Jul-12 01:00:00	02-Jul-12 02:00:00	0.00	5.36	0.00	0.00	6.82	2.1	329.7	0.00	1.77	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	02-Jul-12 01:00:00	0.23	12.12	18.92	83.84	88.93					
02-Jul-12 02:00:00	02-Jul-12 03:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	02-Jul-12 02:00:00	0.23	10.35	18.92	83.84	88.90					
02-Jul-12 03:00:00	02-Jul-12 04:00:00	0.00	0.00	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	02-Jul-12 03:00:00	0.23	10.35	18.92	83.84	88.91					
02-Jul-12 04:00:00	02-Jul-12 05:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	02-Jul-12 04:00:00	0.23	10.35	18.92	83.84	88.87					
02-Jul-12 05:00:00	02-Jul-12 06:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	02-Jul-12 05:00:00	0.23	10.35	18.92	83.84	88.83					
02-Jul-12 06:00:00	02-Jul-12 07:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	02-Jul-12 06:00:00	0.23	10.35	18.92	83.84	88.79					
02-Jul-12 07:00:00	02-Jul-12 08:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	02-Jul-12 07:00:00	0.23	10.35	18.92	83.84	88.72					
02-Jul-12 08:00:00	02-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	02-Jul-12 08:00:00	0.23	10.35	18.92	83.84	88.63					
02-Jul-12 09:00:00	02-Jul-12 10:00:00	0.00	0.04	0.00	0.00	5.63	2.1	329.7	0.00	0.01	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	02-Jul-12 09:00:00	0.23	10.36	18.92	83.84	88.54					
02-Jul-12 10:00:00	02-Jul-12 11:00:00	0.00	2.89	0.00	0.00	5.34	2.1	329.7	0.00	0.95	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	02-Jul-12 10:00:00	0.23	11.30	18.92	83.84	88.44					
02-Jul-12 11:00:00	02-Jul-12 12:00:00	0.00	19.76	0.00	0.00	5.07	2.1	329.7	0.00	6.51	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	02-Jul-12 11:00:00	0.23	16.86	18.92	83.84	88.35					
02-Jul-12 12:00:00	02-Jul-12 13:00:00	0.00	9.63	0.00	0.00	4.78	2.1	329.7	0.00	3.17	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	02-Jul-12 12:00:00	0.23	13.52	18.92	83.84	88.26					
02-Jul-12 13:00:00	02-Jul-12 14:00:00	0.00	5.10	0.00	0.00	4.49	2.1	329.7	0.00	1.68	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	02-Jul-12 13:00:00	0.23	12.03	18.92	83.84	88.16					
02-Jul-12 14:00:00	02-Jul-12 15:00:00	0.00	1.36	0.00	0.00	4.21	2.1	329.7	0.00	0.45	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	02-Jul-12 14:00:00	0.23	10.80	18.92	83.84	88.07					
02-Jul-12 15:00:00	02-Jul-12 16:00:00	0.00	1.94	0.00	0.00	4.18	2.1	329.7	0.00	0.64	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	02-Jul-12 15:00:00	0.23	10.99	18.92	83.84	88.06					
02-Jul-12 16:00:00	02-Jul-12 17:00:00	0.00	5.33	0.00	0.00	4.22	2.1	329.7	0.00	1.76	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	02-Jul-12 16:00:00	0.23	12.11	18.92	83.84	88.07					
02-Jul-12 17:00:00	02-Jul-12 18:00:00	0.00	3.16	0.00	0.00	4.27	2.1	329.7	0.00	1.04	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	02-Jul-12 17:00:00	0.23	11.39	18.92	83.84	88.09					
02-Jul-12 18:00:00	02-Jul-12 19:00:00	0.00	0.55	0.00	0.00	4.31	2.1	329.7	0.00	0.18	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	02-Jul-12 18:00:00	0.23	10.53	18.92	83.84	88.10					
02-Jul-12 19:00:00	02-Jul-12 20:00:00	0.00	0.00	0.00	0.00	4.55	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	02-Jul-12 19:00:00	0.23	10.35	18.92	83.84	88.18					
02-Jul-12 20:00:00	02-Jul-12 21:00:00	0.00	0.00	0.00	0.00	4.59	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	02-Jul-12 20:00:00	0.23	10.35	18.92	83.84	88.19					
02-Jul-12 21:00:00	02-Jul-12 22:00:00	0.00	0.00	0.00	0.00	4.62	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	02-Jul-12 21:00:00	0.23	10.35	18.92	83.84	88.20					
02-Jul-12 22:00:00	02-Jul-12 23:00:00	0.00	0.00	0.00	0.00	4.66	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	02-Jul-12 22:00:00	0.23	10.35	18.92	83.84	88.22					
02-Jul-12 23:00:00	03-Jul-12 00:00:00	0.00	0.68	0.00	0.00	4.77	2.1	329.7	0.00	0.22	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	02-Jul-12 23:00:00	0.23	10.57	18.92	83.84	88.25					
03-Jul-12 00:00:00	03-Jul-12 01:00:00	0.00	5.71	0.00	0.00	5.02	2.1	329.7	0.00	1.88	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	03-Jul-12 00:00:00	0.23	12.23	18.92	83.84	88.34					
03-Jul-12 01:00:00	03-Jul-12 02:00:00	0.00	13.54	0.00	0.00	5.28	2.1	329.7	0.00	4.46	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	03-Jul-12 01:00:00	0.23	14.81	18.92	83.84	88.42					
03-Jul-12 02:00:00	03-Jul-12 03:00:00	0.00	17.38	0.00	0.00	5.53	2.1	329.7	0.00	5.73	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	03-Jul-12 02:00:00	0.23	16.08	18.92	83.84	88.50					
03-Jul-12 03:00:00	03-Jul-12 04:00:00	0.00	4.88	0.00	0.00	5.71	2.1	329.7	0.00	1.61	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	03-Jul-12 03:00:00	0.23	11.96	18.92	83.84	88.56					
03-Jul-12 04:00:00	03-Jul-12 05:00:00	0.00	17.63	0.00	0.12	5.72	2.1	329.7	0.00	5.81	0.00	0.04	1.89	0.23	10.35	18.92	83.84	86.68	03-Jul-12 04:00:00	0.23	16.16	18.92	83.84	88.57					
03-Jul-12 05:00:00	03-Jul-12 06:00:00	0.00	20.26	0.00	0.00	5.74	2.1	329.7	0.00	6.68	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	03-Jul-12 05:00:00	0.23	17.03	18.92	83.84	88.57					
03-Jul-12 06:00:00	03-Jul-12 07:00:00	0.00	6.51	0.00	0.00	5.76	2.1	329.7	0.00	2.15	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	03-Jul-12 06:00:00	0.23	12.50	18.92	83.84	88.58					
03-Jul-12 07:00:00	03-Jul-12 08:00:00	0.00	5.45	0.00	0.00	5.71	2.1	329.7	0.00	1.80	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	03-Jul-12 07:00:00	0.23	12.15	18.92	83.84	88.56					
03-Jul-12 08:00:00	03-Jul-12 09:00:00	0.00	5.20	0.00	0.00	5.37	2.1	329.7	0.00	1.71	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	03-Jul-12 08:00:00	0.23	12.06	18.92	83.84	88.45					
03-Jul-12 09:00:00	03-Jul-12 10:00:00	0.00	7.84	0.00	0.00	5.04	2.1	329.7	0.00	2.58	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	03-Jul-12 09:00:00	0.23	12.93	18.92	83.84	88.34					
03-Jul-12 10:00:00	03-Jul-12 11:00:00	0.00	11.02	0.00	0.00	4.71	2.1	329.7	0.00	3.63	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	03-Jul-12 10:00:00	0.23	13.98	18.92	83.84	88.23					
03-Jul-12 11:00:00	03-Jul-12 12:00:00	0.00	1.70	0.00	0.00	4.32	2.1	329.7	0.00	0.56	0.00	0.00	1.42	0.23	10.35	18.92	8												

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
05-Jul-12 01:00:00	05-Jul-12 02:00:00	0.00	10.77	0.00	0.00	5.23	2.1	329.7	0.00	3.55	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	05-Jul-12 01:00:00	0.23	13.90	18.92	83.84	88.40
05-Jul-12 02:00:00	05-Jul-12 03:00:00	0.00	11.02	0.00	0.00	5.30	2.1	329.7	0.00	3.63	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	05-Jul-12 02:00:00	0.23	13.98	18.92	83.84	88.43
05-Jul-12 03:00:00	05-Jul-12 04:00:00	0.00	15.09	0.00	0.00	5.32	2.1	329.7	0.00	4.98	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	05-Jul-12 03:00:00	0.23	15.33	18.92	83.84	88.43
05-Jul-12 04:00:00	05-Jul-12 05:00:00	0.00	15.15	0.00	0.00	5.42	2.1	329.7	0.00	5.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	05-Jul-12 04:00:00	0.23	15.35	18.92	83.84	88.47
05-Jul-12 05:00:00	05-Jul-12 06:00:00	0.00	9.86	0.00	0.00	5.52	2.1	329.7	0.00	3.25	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	05-Jul-12 05:00:00	0.23	13.60	18.92	83.84	88.50
05-Jul-12 06:00:00	05-Jul-12 07:00:00	0.00	10.59	0.00	0.00	5.63	2.1	329.7	0.00	3.49	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	05-Jul-12 06:00:00	0.23	13.84	18.92	83.84	88.54
05-Jul-12 07:00:00	05-Jul-12 08:00:00	0.00	10.82	0.00	0.00	5.56	2.1	329.7	0.00	3.57	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	05-Jul-12 07:00:00	0.23	13.92	18.92	83.84	88.51
05-Jul-12 08:00:00	05-Jul-12 09:00:00	0.00	9.74	0.00	0.00	5.17	2.1	329.7	0.00	3.21	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	05-Jul-12 08:00:00	0.23	13.56	18.92	83.84	88.39
05-Jul-12 09:00:00	05-Jul-12 10:00:00	0.00	11.14	0.00	0.00	4.79	2.1	329.7	0.00	3.67	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	05-Jul-12 09:00:00	0.23	14.02	18.92	83.84	88.26
05-Jul-12 10:00:00	05-Jul-12 11:00:00	0.00	5.43	0.00	0.00	4.41	2.1	329.7	0.00	1.79	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	05-Jul-12 10:00:00	0.23	12.14	18.92	83.84	88.13
05-Jul-12 11:00:00	05-Jul-12 12:00:00	0.00	2.42	0.00	0.00	4.29	2.1	329.7	0.00	0.80	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	05-Jul-12 11:00:00	0.23	11.15	18.92	83.84	88.09
05-Jul-12 12:00:00	05-Jul-12 13:00:00	0.00	4.13	0.00	0.00	4.04	2.1	329.7	0.00	1.36	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	05-Jul-12 12:00:00	0.23	11.71	18.92	83.84	88.01
05-Jul-12 13:00:00	05-Jul-12 14:00:00	0.00	1.45	0.00	0.00	3.79	2.1	329.7	0.00	0.48	0.00	0.00	1.25	0.23	10.35	18.92	83.84	86.68	05-Jul-12 13:00:00	0.23	10.83	18.92	83.84	87.93
05-Jul-12 14:00:00	05-Jul-12 15:00:00	0.00	6.38	0.00	0.00	3.55	2.1	329.7	0.00	2.10	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	05-Jul-12 14:00:00	0.23	12.45	18.92	83.84	87.85
05-Jul-12 15:00:00	05-Jul-12 16:00:00	0.00	14.18	0.00	0.00	3.52	2.1	329.7	0.00	4.68	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	05-Jul-12 15:00:00	0.23	15.03	18.92	83.84	87.84
05-Jul-12 16:00:00	05-Jul-12 17:00:00	0.00	12.43	0.00	0.00	3.54	2.1	329.7	0.00	4.10	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	05-Jul-12 16:00:00	0.23	14.45	18.92	83.84	87.85
05-Jul-12 17:00:00	05-Jul-12 18:00:00	0.00	13.55	0.00	0.00	3.56	2.1	329.7	0.00	4.47	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	05-Jul-12 17:00:00	0.23	14.82	18.92	83.84	87.85
05-Jul-12 18:00:00	05-Jul-12 19:00:00	0.00	6.30	0.00	0.32	3.93	2.1	329.7	0.00	2.08	0.00	0.10	1.29	0.23	10.35	18.92	83.84	86.68	05-Jul-12 18:00:00	0.23	12.43	18.92	83.84	87.97
05-Jul-12 19:00:00	05-Jul-12 20:00:00	0.00	9.47	0.00	0.00	3.95	2.1	329.7	0.00	3.12	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	05-Jul-12 19:00:00	0.23	13.47	18.92	83.84	87.98
05-Jul-12 20:00:00	05-Jul-12 21:00:00	0.00	6.36	0.00	0.00	4.27	2.1	329.7	0.00	2.10	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	05-Jul-12 20:00:00	0.23	12.45	18.92	83.84	88.09
05-Jul-12 21:00:00	05-Jul-12 22:00:00	0.00	1.22	0.00	0.00	4.60	2.1	329.7	0.00	0.40	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	05-Jul-12 21:00:00	0.23	10.75	18.92	83.84	88.20
05-Jul-12 22:00:00	05-Jul-12 23:00:00	0.00	6.55	0.00	0.00	4.94	2.1	329.7	0.00	2.16	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	05-Jul-12 22:00:00	0.23	12.51	18.92	83.84	88.31
05-Jul-12 23:00:00	06-Jul-12 00:00:00	0.00	2.58	0.00	0.00	5.06	2.1	329.7	0.00	0.85	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	05-Jul-12 23:00:00	0.23	11.20	18.92	83.84	88.35
06-Jul-12 00:00:00	06-Jul-12 01:00:00	0.00	5.56	0.00	0.00	5.11	2.1	329.7	0.00	1.83	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	06-Jul-12 00:00:00	0.23	12.18	18.92	83.84	88.37
06-Jul-12 01:00:00	06-Jul-12 02:00:00	0.00	10.81	0.00	0.00	5.16	2.1	329.7	0.00	3.56	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	06-Jul-12 01:00:00	0.23	13.91	18.92	83.84	88.38
06-Jul-12 02:00:00	06-Jul-12 03:00:00	0.00	12.25	0.00	0.00	5.21	2.1	329.7	0.00	4.04	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	06-Jul-12 02:00:00	0.23	14.39	18.92	83.84	88.40
06-Jul-12 03:00:00	06-Jul-12 04:00:00	0.00	13.08	0.00	0.00	5.34	2.1	329.7	0.00	4.31	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	06-Jul-12 03:00:00	0.23	14.66	18.92	83.84	88.44
06-Jul-12 04:00:00	06-Jul-12 05:00:00	0.00	14.64	0.00	0.00	5.47	2.1	329.7	0.00	4.83	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	06-Jul-12 04:00:00	0.23	15.18	18.92	83.84	88.48
06-Jul-12 05:00:00	06-Jul-12 06:00:00	0.00	17.50	0.00	0.00	5.61	2.1	329.7	0.00	5.77	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	06-Jul-12 05:00:00	0.23	16.12	18.92	83.84	88.53
06-Jul-12 06:00:00	06-Jul-12 07:00:00	0.00	21.14	0.00	0.00	5.65	2.1	329.7	0.00	6.97	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	06-Jul-12 06:00:00	0.23	17.32	18.92	83.84	88.54
06-Jul-12 07:00:00	06-Jul-12 08:00:00	0.00	6.91	0.00	0.00	5.46	2.1	329.7	0.00	2.28	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	06-Jul-12 07:00:00	0.23	12.63	18.92	83.84	88.48
06-Jul-12 08:00:00	06-Jul-12 09:00:00	0.00	3.03	0.00	0.00	5.29	2.1	329.7	0.00	1.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	06-Jul-12 08:00:00	0.23	11.35	18.92	83.84	88.43
06-Jul-12 09:00:00	06-Jul-12 10:00:00	0.00	5.10	0.00	0.00	5.13	2.1	329.7	0.00	1.68	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	06-Jul-12 09:00:00	0.23	12.03	18.92	83.84	88.37
06-Jul-12 10:00:00	06-Jul-12 11:00:00	0.00	9.33	0.00	0.00	4.98	2.1	329.7	0.00	3.07	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	06-Jul-12 10:00:00	0.23	13.42	18.92	83.84	88.32
06-Jul-12 11:00:00	06-Jul-12 12:00:00	0.00	4.10	0.00	0.00	4.67	2.1	329.7	0.00	1.35	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	06-Jul-12 11:00:00	0.23	11.70	18.92	83.84	88.22
06-Jul-12 12:00:00	06-Jul-12 13:00:00	0.00	6.86	0.00	0.00	4.29	2.1	329.7	0.00	2.26	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	06-Jul-12 12:00:00	0.23	12.61	18.92	83.84	88.09
06-Jul-12 13:00:00	06-Jul-12 14:00:00	0.00	2.80	0.00	0.00	3.90	2.1	329.7	0.00	0.92	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	06-Jul-12 13:00:00	0.23	11.27	18.92	83.84	87.97
06-Jul-12 14:00:00	06-Jul-12 15:00:00	0.00	0.69	0.00	0.00	3.55	2.1	329.7	0.00	0.23	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	06-Jul-12 14:00:00	0.23	10.58			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor	Black Liquor	Black Liquor	Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
08-Jul-12 01:00:00	08-Jul-12 02:00:00	0.00	1.11	0.00	0.00	4.91	2.1	329.7	0.00	0.37	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	08-Jul-12 01:00:00	0.23	10.72	18.92	83.84	88.30					
08-Jul-12 02:00:00	08-Jul-12 03:00:00	0.00	0.76	0.00	0.00	5.08	2.1	329.7	0.00	0.25	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	08-Jul-12 02:00:00	0.23	10.60	18.92	83.84	88.36					
08-Jul-12 03:00:00	08-Jul-12 04:00:00	0.00	0.40	0.00	0.00	5.08	2.1	329.7	0.00	0.13	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	08-Jul-12 03:00:00	0.23	10.48	18.92	83.84	88.35					
08-Jul-12 04:00:00	08-Jul-12 05:00:00	0.00	0.15	0.00	0.00	5.12	2.1	329.7	0.00	0.05	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	08-Jul-12 04:00:00	0.23	10.40	18.92	83.84	88.37					
08-Jul-12 05:00:00	08-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.17	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	08-Jul-12 05:00:00	0.23	10.35	18.92	83.84	88.38					
08-Jul-12 06:00:00	08-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.18	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	08-Jul-12 06:00:00	0.23	10.35	18.92	83.84	88.39					
08-Jul-12 07:00:00	08-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	08-Jul-12 07:00:00	0.23	10.35	18.92	83.84	88.35					
08-Jul-12 08:00:00	08-Jul-12 09:00:00	0.00	0.00	0.00	0.00	4.97	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	08-Jul-12 08:00:00	0.23	10.35	18.92	83.84	88.32					
08-Jul-12 09:00:00	08-Jul-12 10:00:00	0.00	0.00	0.00	0.00	4.86	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	08-Jul-12 09:00:00	0.23	10.35	18.92	83.84	88.28					
08-Jul-12 10:00:00	08-Jul-12 11:00:00	0.00	0.00	0.00	0.00	4.72	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	08-Jul-12 10:00:00	0.23	10.35	18.92	83.84	88.24					
08-Jul-12 11:00:00	08-Jul-12 12:00:00	0.00	0.00	0.00	0.00	4.44	2.1	329.7	0.00	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	08-Jul-12 11:00:00	0.23	10.35	18.92	83.84	88.14					
08-Jul-12 12:00:00	08-Jul-12 13:00:00	0.00	0.00	0.00	0.00	4.14	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	08-Jul-12 12:00:00	0.23	10.35	18.92	83.84	88.05					
08-Jul-12 13:00:00	08-Jul-12 14:00:00	0.00	0.09	0.00	0.00	3.85	2.1	329.7	0.00	0.03	0.00	0.00	1.27	0.23	10.35	18.92	83.84	86.68	08-Jul-12 13:00:00	0.23	10.38	18.92	83.84	87.95					
08-Jul-12 14:00:00	08-Jul-12 15:00:00	0.00	0.00	0.00	0.00	3.59	2.1	329.7	0.00	0.00	0.00	0.00	1.18	0.23	10.35	18.92	83.84	86.68	08-Jul-12 14:00:00	0.23	10.35	18.92	83.84	87.86					
08-Jul-12 15:00:00	08-Jul-12 16:00:00	0.00	6.75	0.00	0.00	3.51	2.1	329.7	0.00	2.23	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	08-Jul-12 15:00:00	0.23	12.58	18.92	83.84	87.84					
08-Jul-12 16:00:00	08-Jul-12 17:00:00	0.00	25.04	0.00	0.00	3.45	2.1	329.7	0.00	8.26	0.00	0.00	1.14	0.23	10.35	18.92	83.84	86.68	08-Jul-12 16:00:00	0.23	18.61	18.92	83.84	87.82					
08-Jul-12 17:00:00	08-Jul-12 18:00:00	0.00	5.76	0.00	0.00	3.39	2.1	329.7	0.00	1.90	0.00	0.00	1.12	0.23	10.35	18.92	83.84	86.68	08-Jul-12 17:00:00	0.23	12.25	18.92	83.84	87.80					
08-Jul-12 18:00:00	08-Jul-12 19:00:00	0.00	1.68	0.00	0.00	3.41	2.1	329.7	0.00	0.56	0.00	0.00	1.12	0.23	10.35	18.92	83.84	86.68	08-Jul-12 18:00:00	0.23	10.91	18.92	83.84	87.80					
08-Jul-12 19:00:00	08-Jul-12 20:00:00	0.00	0.00	0.00	0.00	3.60	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	08-Jul-12 19:00:00	0.23	10.35	18.92	83.84	87.87					
08-Jul-12 20:00:00	08-Jul-12 21:00:00	0.00	3.69	0.00	0.00	3.77	2.1	329.7	0.00	1.22	0.00	0.00	1.24	0.23	10.35	18.92	83.84	86.68	08-Jul-12 20:00:00	0.23	11.57	18.92	83.84	87.92					
08-Jul-12 21:00:00	08-Jul-12 22:00:00	0.00	15.44	0.00	0.00	3.93	2.1	329.7	0.00	5.09	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	08-Jul-12 21:00:00	0.23	15.44	18.92	83.84	87.98					
08-Jul-12 22:00:00	08-Jul-12 23:00:00	0.00	7.58	0.00	0.00	4.09	2.1	329.7	0.00	2.50	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	08-Jul-12 22:00:00	0.23	12.85	18.92	83.84	88.03					
08-Jul-12 23:00:00	09-Jul-12 00:00:00	0.00	0.25	0.00	0.00	4.29	2.1	329.7	0.00	0.08	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	08-Jul-12 23:00:00	0.23	10.43	18.92	83.84	88.09					
09-Jul-12 00:00:00	09-Jul-12 01:00:00	0.00	0.00	0.00	0.00	4.51	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	09-Jul-12 00:00:00	0.23	10.35	18.92	83.84	88.17					
09-Jul-12 01:00:00	09-Jul-12 02:00:00	0.00	0.00	0.00	0.00	4.73	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	09-Jul-12 01:00:00	0.23	10.35	18.92	83.84	88.24					
09-Jul-12 02:00:00	09-Jul-12 03:00:00	0.00	0.00	0.00	0.00	4.96	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	09-Jul-12 02:00:00	0.23	10.35	18.92	83.84	88.32					
09-Jul-12 03:00:00	09-Jul-12 04:00:00	0.00	0.00	0.00	0.00	5.06	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	09-Jul-12 03:00:00	0.23	10.35	18.92	83.84	88.35					
09-Jul-12 04:00:00	09-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	09-Jul-12 04:00:00	0.23	10.35	18.92	83.84	88.37					
09-Jul-12 05:00:00	09-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.16	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	09-Jul-12 05:00:00	0.23	10.35	18.92	83.84	88.38					
09-Jul-12 06:00:00	09-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.19	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	09-Jul-12 06:00:00	0.23	10.35	18.92	83.84	88.39					
09-Jul-12 07:00:00	09-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.13	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	09-Jul-12 07:00:00	0.23	10.35	18.92	83.84	88.37					
09-Jul-12 08:00:00	09-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.05	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	09-Jul-12 08:00:00	0.23	10.35	18.92	83.84	88.35					
09-Jul-12 09:00:00	09-Jul-12 10:00:00	0.00	0.00	0.00	0.00	4.97	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	09-Jul-12 09:00:00	0.23	10.35	18.92	83.84	88.32					
09-Jul-12 10:00:00	09-Jul-12 11:00:00	0.00	0.00	0.00	0.00	4.92	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	09-Jul-12 10:00:00	0.23	10.35	18.92	83.84	88.30					
09-Jul-12 11:00:00	09-Jul-12 12:00:00	0.00	0.62	0.00	0.00	4.98	2.1	329.7	0.00	0.20	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	09-Jul-12 11:00:00	0.23	10.55	18.92	83.84	88.32					
09-Jul-12 12:00:00	09-Jul-12 13:00:00	0.00	0.00	0.00	0.00	5.05	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	09-Jul-12 12:00:00	0.23	10.35	18.92	83.84	88.35					
09-Jul-12 13:00:00	09-Jul-12 14:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	09-Jul-12 13:00:00	0.23	10.35	18.92	83.84	88.37					
09-Jul-12 14:00:00	09-Jul-12 15:00:00	0.00	0.00	0.00	0.00	5.18	2.1	329.7	0.00	0.00	0.00	0.12	1.																

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
11-Jul-12 01:00:00	11-Jul-12 02:00:00	0.00	0.04	0.00	0.00	5.41	2.1	329.7	0.00	0.01	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	11-Jul-12 01:00:00	0.23	10.36	18.92	83.84	88.46					
11-Jul-12 02:00:00	11-Jul-12 03:00:00	0.00	0.01	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	11-Jul-12 02:00:00	0.23	10.35	18.92	83.84	88.45					
11-Jul-12 03:00:00	11-Jul-12 04:00:00	0.00	0.17	0.00	0.00	5.34	2.1	329.7	0.00	0.06	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	11-Jul-12 03:00:00	0.23	10.41	18.92	83.84	88.44					
11-Jul-12 04:00:00	11-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	11-Jul-12 04:00:00	0.23	10.35	18.92	83.84	88.43					
11-Jul-12 05:00:00	11-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.36	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	11-Jul-12 05:00:00	0.23	10.35	18.92	83.84	88.45					
11-Jul-12 06:00:00	11-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	11-Jul-12 06:00:00	0.23	10.35	18.92	83.84	88.46					
11-Jul-12 07:00:00	11-Jul-12 08:00:00	0.00	0.26	0.00	0.00	5.39	2.1	329.7	0.00	0.08	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	11-Jul-12 07:00:00	0.23	10.43	18.92	83.84	88.46					
11-Jul-12 08:00:00	11-Jul-12 09:00:00	0.00	0.31	0.00	0.00	5.39	2.1	329.7	0.00	0.10	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	11-Jul-12 08:00:00	0.23	10.43	18.92	83.84	88.46					
11-Jul-12 09:00:00	11-Jul-12 10:00:00	0.00	0.31	0.00	0.00	5.70	2.1	329.7	0.00	0.10	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	11-Jul-12 09:00:00	0.23	10.45	18.92	83.84	88.56					
11-Jul-12 10:00:00	11-Jul-12 11:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Jul-12 10:00:00	0.23	10.35	18.92	83.84	88.58					
11-Jul-12 11:00:00	11-Jul-12 12:00:00	0.00	0.00	0.00	0.00	5.17	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	11-Jul-12 11:00:00	0.23	10.35	18.92	83.84	88.39					
11-Jul-12 12:00:00	11-Jul-12 13:00:00	0.00	0.00	0.00	0.00	4.99	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	11-Jul-12 12:00:00	0.23	10.35	18.92	83.84	88.33					
11-Jul-12 13:00:00	11-Jul-12 14:00:00	0.00	2.15	0.00	0.00	4.71	2.1	329.7	0.00	0.71	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	11-Jul-12 13:00:00	0.23	11.06	18.92	83.84	88.23					
11-Jul-12 14:00:00	11-Jul-12 15:00:00	0.00	0.99	0.00	0.00	4.42	2.1	329.7	0.00	0.33	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	11-Jul-12 14:00:00	0.23	10.68	18.92	83.84	88.14					
11-Jul-12 15:00:00	11-Jul-12 16:00:00	0.00	4.09	0.00	0.00	4.19	2.1	329.7	0.00	1.35	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	11-Jul-12 15:00:00	0.23	11.70	18.92	83.84	88.06					
11-Jul-12 16:00:00	11-Jul-12 17:00:00	0.00	0.83	0.00	0.00	4.27	2.1	329.7	0.00	0.27	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	11-Jul-12 16:00:00	0.23	10.62	18.92	83.84	88.09					
11-Jul-12 17:00:00	11-Jul-12 18:00:00	0.00	0.00	0.00	0.00	4.48	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	11-Jul-12 17:00:00	0.23	10.35	18.92	83.84	88.12					
11-Jul-12 18:00:00	11-Jul-12 19:00:00	0.00	1.35	0.00	0.00	4.39	2.1	329.7	0.00	0.44	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	11-Jul-12 18:00:00	0.23	10.79	18.92	83.84	88.16					
11-Jul-12 19:00:00	11-Jul-12 20:00:00	0.00	3.15	0.00	0.11	4.61	2.1	329.7	0.00	1.04	0.00	0.03	1.52	0.23	10.35	18.92	83.84	86.68	11-Jul-12 19:00:00	0.23	11.39	18.92	83.84	88.20					
11-Jul-12 20:00:00	11-Jul-12 21:00:00	0.00	3.86	0.00	0.00	4.85	2.1	329.7	0.00	1.27	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	11-Jul-12 20:00:00	0.23	11.62	18.92	83.84	88.28					
11-Jul-12 21:00:00	11-Jul-12 22:00:00	0.00	4.57	0.00	0.00	5.13	2.1	329.7	0.00	1.51	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	11-Jul-12 21:00:00	0.23	11.86	18.92	83.84	88.37					
11-Jul-12 22:00:00	11-Jul-12 23:00:00	0.00	6.43	0.00	0.00	5.42	2.1	329.7	0.00	2.12	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	11-Jul-12 22:00:00	0.23	12.47	18.92	83.84	88.47					
11-Jul-12 23:00:00	12-Jul-12 00:00:00	0.00	6.92	0.00	0.00	5.65	2.1	329.7	0.00	2.28	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	11-Jul-12 23:00:00	0.23	12.63	18.92	83.84	88.54					
12-Jul-12 00:00:00	12-Jul-12 01:00:00	0.00	1.37	0.00	0.00	5.55	2.1	329.7	0.00	0.45	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	12-Jul-12 00:00:00	0.23	10.80	18.92	83.84	88.51					
12-Jul-12 01:00:00	12-Jul-12 02:00:00	0.00	1.43	0.00	0.00	5.46	2.1	329.7	0.00	0.47	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	12-Jul-12 01:00:00	0.23	10.82	18.92	83.84	88.48					
12-Jul-12 02:00:00	12-Jul-12 03:00:00	0.00	3.25	0.00	0.00	5.37	2.1	329.7	0.00	1.07	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	12-Jul-12 02:00:00	0.23	11.42	18.92	83.84	88.45					
12-Jul-12 03:00:00	12-Jul-12 04:00:00	0.00	1.13	0.00	0.00	5.28	2.1	329.7	0.00	0.37	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	12-Jul-12 03:00:00	0.23	10.72	18.92	83.84	88.42					
12-Jul-12 04:00:00	12-Jul-12 05:00:00	0.00	2.26	0.00	0.00	5.34	2.1	329.7	0.00	0.75	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	12-Jul-12 04:00:00	0.23	11.10	18.92	83.84	88.44					
12-Jul-12 05:00:00	12-Jul-12 06:00:00	0.00	2.19	0.00	0.00	5.47	2.1	329.7	0.00	0.72	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	12-Jul-12 05:00:00	0.23	11.07	18.92	83.84	88.48					
12-Jul-12 06:00:00	12-Jul-12 07:00:00	0.00	2.19	0.00	0.00	5.60	2.1	329.7	0.00	0.72	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	12-Jul-12 06:00:00	0.23	11.07	18.92	83.84	88.53					
12-Jul-12 07:00:00	12-Jul-12 08:00:00	0.00	9.68	0.00	0.00	5.73	2.1	329.7	0.00	3.19	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	12-Jul-12 07:00:00	0.23	13.54	18.92	83.84	88.57					
12-Jul-12 08:00:00	12-Jul-12 09:00:00	0.00	9.24	0.00	0.00	5.68	2.1	329.7	0.00	3.05	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	12-Jul-12 08:00:00	0.23	13.40	18.92	83.84	88.55					
12-Jul-12 09:00:00	12-Jul-12 10:00:00	0.00	10.55	0.00	0.00	5.54	2.1	329.7	0.00	3.48	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	12-Jul-12 09:00:00	0.23	13.83	18.92	83.84	88.51					
12-Jul-12 10:00:00	12-Jul-12 11:00:00	0.00	9.31	0.00	0.00	5.40	2.1	329.7	0.00	3.07	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	12-Jul-12 10:00:00	0.23	13.42	18.92	83.84	88.46					
12-Jul-12 11:00:00	12-Jul-12 12:00:00	0.00	7.74	0.00	0.00	5.26	2.1	329.7	0.00	2.55	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	12-Jul-12 11:00:00	0.23	12.90	18.92	83.84	88.41					
12-Jul-12 12:00:00	12-Jul-12 13:00:00	0.00	5.90	0.00	0.00	5.18	2.1	329.7	0.00	1.95	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	12-Jul-12 12:00:00	0.23	12.30	18.92	83.84	88.39					
12-Jul-12 13:00:00	12-Jul-12 14:00:00	0.00	6.05	0.00	0.00	5.12	2.1	329.7	0.00	2.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	12-Jul-12 13:00:00	0.23	12.35	18.92	83.84	88.37					
12-Jul-12 14:00:00	12-Jul-12 15:00:00	0.00	5.38	0.00	0.00	5.06	2.1	329.7	0.00	1.78	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	12-Jul-12 14:00:00	0.23	12.13	18.92	83.84	88.35					
12-Jul-12 15:00:00	12-Jul-12 16:00:00	0.00	9.57	0.00	0.00	4.97	2.1	329.7	0.00	3.16	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	12-Jul-12 15:00:00	0.23	13.51	18.92	83.84	88.32					
12-Jul-12 16:00:00	12-Jul-12 17:00:00	0.00	6.32	0.00	0.00	4.85	2.1	329.7	0.00	2.08	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	12-Jul-12 16:00:00	0.23	12.43	18.92	83.84	88.28					
12-Jul-12 17:00:00	12-Jul-12 18:00:00	0.00	1.13	0.00	0.00	4.83	2.1	329.7	0.00	0.37	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	12-Jul-12 17:00:00	0.23	10.72	18.92	83.84	88.27					
12-Jul-12 18:00:00	12-Jul-12 19:00:00																												

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					Start Time	TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)					
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1		CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas		Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr		lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
14-Jul-12 01:00:00	14-Jul-12 02:00:00	0.00	7.91	0.00	0.00	5.28	2.1	329.7	0.00	2.61	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	14-Jul-12 01:00:00	0.23	12.96	18.92	83.84	88.42
14-Jul-12 02:00:00	14-Jul-12 03:00:00	0.00	14.09	0.00	0.00	5.31	2.1	329.7	0.00	4.65	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	14-Jul-12 02:00:00	0.23	15.00	18.92	83.84	88.43
14-Jul-12 03:00:00	14-Jul-12 04:00:00	0.10	10.57	0.00	0.00	5.36	2.1	329.7	0.03	3.48	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	14-Jul-12 03:00:00	0.26	13.83	18.92	83.84	88.45
14-Jul-12 04:00:00	14-Jul-12 05:00:00	0.00	7.07	0.00	0.00	5.33	2.1	329.7	0.00	2.33	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	14-Jul-12 04:00:00	0.23	12.68	18.92	83.84	88.44
14-Jul-12 05:00:00	14-Jul-12 06:00:00	0.00	6.27	0.00	0.00	5.19	2.1	329.7	0.00	2.07	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	14-Jul-12 05:00:00	0.23	12.42	18.92	83.84	88.39
14-Jul-12 06:00:00	14-Jul-12 07:00:00	0.00	5.71	0.00	0.00	5.05	2.1	329.7	0.00	1.88	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	14-Jul-12 06:00:00	0.23	12.23	18.92	83.84	88.35
14-Jul-12 07:00:00	14-Jul-12 08:00:00	0.00	6.34	0.00	0.00	4.87	2.1	329.7	0.00	2.09	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	14-Jul-12 07:00:00	0.23	12.44	18.92	83.84	88.29
14-Jul-12 08:00:00	14-Jul-12 09:00:00	0.00	4.51	0.00	0.00	4.68	2.1	329.7	0.00	1.49	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	14-Jul-12 08:00:00	0.23	11.84	18.92	83.84	88.22
14-Jul-12 09:00:00	14-Jul-12 10:00:00	0.00	4.93	0.00	0.00	4.61	2.1	329.7	0.00	1.63	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	14-Jul-12 09:00:00	0.23	11.98	18.92	83.84	88.20
14-Jul-12 10:00:00	14-Jul-12 11:00:00	0.00	0.92	0.00	0.00	4.54	2.1	329.7	0.00	0.30	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	14-Jul-12 10:00:00	0.23	10.65	18.92	83.84	88.18
14-Jul-12 11:00:00	14-Jul-12 12:00:00	0.00	0.85	0.00	0.00	4.52	2.1	329.7	0.00	0.28	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	14-Jul-12 11:00:00	0.23	10.63	18.92	83.84	88.17
14-Jul-12 12:00:00	14-Jul-12 13:00:00	0.00	4.51	0.00	0.00	4.52	2.1	329.7	0.00	1.49	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	14-Jul-12 12:00:00	0.23	11.84	18.92	83.84	88.17
14-Jul-12 13:00:00	14-Jul-12 14:00:00	0.00	9.09	0.00	0.00	4.38	2.1	329.7	0.00	3.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	14-Jul-12 13:00:00	0.23	13.35	18.92	83.84	88.12
14-Jul-12 14:00:00	14-Jul-12 15:00:00	0.00	0.17	0.00	0.00	4.24	2.1	329.7	0.00	0.06	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	14-Jul-12 14:00:00	0.23	10.41	18.92	83.84	88.08
14-Jul-12 15:00:00	14-Jul-12 16:00:00	0.00	0.00	0.00	0.00	4.13	2.1	329.7	0.00	0.00	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	14-Jul-12 15:00:00	0.23	10.35	18.92	83.84	88.04
14-Jul-12 16:00:00	14-Jul-12 17:00:00	0.00	0.00	0.00	0.00	4.20	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	14-Jul-12 16:00:00	0.23	10.35	18.92	83.84	88.06
14-Jul-12 17:00:00	14-Jul-12 18:00:00	0.00	0.00	0.00	0.00	4.26	2.1	329.7	0.00	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	14-Jul-12 17:00:00	0.23	10.35	18.92	83.84	88.08
14-Jul-12 18:00:00	14-Jul-12 19:00:00	0.00	0.00	0.00	0.00	4.32	2.1	329.7	0.00	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	14-Jul-12 18:00:00	0.23	10.35	18.92	83.84	88.10
14-Jul-12 19:00:00	14-Jul-12 20:00:00	0.00	0.00	0.00	0.00	4.35	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	14-Jul-12 19:00:00	0.23	10.35	18.92	83.84	88.11
14-Jul-12 20:00:00	14-Jul-12 21:00:00	0.17	0.00	0.00	0.00	4.40	2.1	329.7	0.06	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	14-Jul-12 20:00:00	0.29	10.35	18.92	83.84	88.13
14-Jul-12 21:00:00	14-Jul-12 22:00:00	0.00	0.00	0.00	0.00	4.56	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	14-Jul-12 21:00:00	0.23	10.35	18.92	83.84	88.18
14-Jul-12 22:00:00	14-Jul-12 23:00:00	0.00	0.00	0.00	0.00	4.73	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	14-Jul-12 22:00:00	0.23	10.35	18.92	83.84	88.24
14-Jul-12 23:00:00	15-Jul-12 00:00:00	0.00	0.00	0.00	0.00	4.92	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	14-Jul-12 23:00:00	0.23	10.35	18.92	83.84	88.30
15-Jul-12 00:00:00	15-Jul-12 01:00:00	0.11	0.00	0.00	0.00	5.07	2.1	329.7	0.04	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	15-Jul-12 00:00:00	0.27	10.35	18.92	83.84	88.35
15-Jul-12 01:00:00	15-Jul-12 02:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	15-Jul-12 01:00:00	0.23	10.35	18.92	83.84	88.37
15-Jul-12 02:00:00	15-Jul-12 03:00:00	0.00	0.00	0.00	0.00	5.16	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	15-Jul-12 02:00:00	0.23	10.35	18.92	83.84	88.38
15-Jul-12 03:00:00	15-Jul-12 04:00:00	0.00	0.00	0.00	0.00	5.20	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Jul-12 03:00:00	0.23	10.35	18.92	83.84	88.39
15-Jul-12 04:00:00	15-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	15-Jul-12 04:00:00	0.23	10.35	18.92	83.84	88.40
15-Jul-12 05:00:00	15-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	15-Jul-12 05:00:00	0.23	10.35	18.92	83.84	88.40
15-Jul-12 06:00:00	15-Jul-12 07:00:00	0.00	0.00	0.00	0.13	5.21	2.1	329.7	0.00	0.00	0.00	0.04	1.72	0.23	10.35	18.92	83.84	86.68	15-Jul-12 06:00:00	0.23	10.35	18.92	83.88	88.40
15-Jul-12 07:00:00	15-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.20	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Jul-12 07:00:00	0.23	10.35	18.92	83.84	88.39
15-Jul-12 08:00:00	15-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.02	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	15-Jul-12 08:00:00	0.23	10.35	18.92	83.84	88.34
15-Jul-12 09:00:00	15-Jul-12 10:00:00	0.00	0.00	0.00	0.00	4.78	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	15-Jul-12 09:00:00	0.23	10.35	18.92	83.84	88.25
15-Jul-12 10:00:00	15-Jul-12 11:00:00	0.00	0.12	0.00	0.00	4.53	2.1	329.7	0.00	0.04	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	15-Jul-12 10:00:00	0.23	10.39	18.92	83.84	88.17
15-Jul-12 11:00:00	15-Jul-12 12:00:00	0.00	0.64	0.00	0.00	4.27	2.1	329.7	0.00	0.21	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	15-Jul-12 11:00:00	0.23	10.56	18.92	83.84	88.09
15-Jul-12 12:00:00	15-Jul-12 13:00:00	0.00	0.66	0.00	0.00	4.05	2.1	329.7	0.00	0.22	0.00	0.00	1.34	0.23	10.35	18.92	83.84	86.68	15-Jul-12 12:00:00	0.23	10.57	18.92	83.84	88.02
15-Jul-12 13:00:00	15-Jul-12 14:00:00	0.00	0.00	0.00	0.00	3.91	2.1	329.7	0.00	0.00	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	15-Jul-12 13:00:00	0.23	10.35	18.92	83.84	87.97
15-Jul-12 14:00:00	15-Jul-12 15:00:00	0.00	0.00	0.00	0.00	3.76	2.1	329.7	0.00	0.00	0.00	0.00	1.24	0.23	10.35	18.92	83.84	86.68	15-Jul-12 14:00:00	0.23	10.35	18.92</		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
17-Jul-12 01:00:00	17-Jul-12 02:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	17-Jul-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
17-Jul-12 02:00:00	17-Jul-12 03:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	17-Jul-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
17-Jul-12 03:00:00	17-Jul-12 04:00:00	0.00	0.57	0.00	0.00	5.47	2.1	329.7	0.00	0.19	0.00	1.80	0.23	10.35	18.92	83.84	86.68	17-Jul-12 03:00:00	0.23	10.54	18.92	83.84	86.68	0.23	10.54	18.92	83.84	86.68
17-Jul-12 04:00:00	17-Jul-12 05:00:00	0.00	7.02	0.00	0.00	5.35	2.1	329.7	0.00	2.31	0.00	1.76	0.23	10.35	18.92	83.84	86.68	17-Jul-12 04:00:00	0.23	12.66	18.92	83.84	86.68	0.23	12.66	18.92	83.84	86.68
17-Jul-12 05:00:00	17-Jul-12 06:00:00	0.00	3.18	0.00	0.00	5.43	2.1	329.7	0.00	1.05	0.00	1.79	0.23	10.35	18.92	83.84	86.68	17-Jul-12 05:00:00	0.23	11.40	18.92	83.84	86.68	0.23	11.40	18.92	83.84	86.68
17-Jul-12 06:00:00	17-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	17-Jul-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
17-Jul-12 07:00:00	17-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	17-Jul-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
17-Jul-12 08:00:00	17-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	17-Jul-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
17-Jul-12 09:00:00	17-Jul-12 10:00:00	0.00	0.04	0.00	0.00	5.14	2.1	329.7	0.00	0.01	0.00	1.69	0.23	10.35	18.92	83.84	86.68	17-Jul-12 09:00:00	0.23	10.36	18.92	83.84	86.68	0.23	10.36	18.92	83.84	86.68
17-Jul-12 10:00:00	17-Jul-12 11:00:00	0.00	0.23	0.00	0.00	4.90	2.1	329.7	0.00	0.08	0.00	1.62	0.23	10.35	18.92	83.84	86.68	17-Jul-12 10:00:00	0.23	10.43	18.92	83.84	86.68	0.23	10.43	18.92	83.84	86.68
17-Jul-12 11:00:00	17-Jul-12 12:00:00	0.00	0.18	0.00	0.00	4.69	2.1	329.7	0.00	0.06	0.00	1.55	0.23	10.35	18.92	83.84	86.68	17-Jul-12 11:00:00	0.23	10.41	18.92	83.84	86.68	0.23	10.41	18.92	83.84	86.68
17-Jul-12 12:00:00	17-Jul-12 13:00:00	0.00	0.12	0.00	0.00	4.50	2.1	329.7	0.00	0.04	0.00	1.48	0.23	10.35	18.92	83.84	86.68	17-Jul-12 12:00:00	0.23	10.39	18.92	83.84	86.68	0.23	10.39	18.92	83.84	86.68
17-Jul-12 13:00:00	17-Jul-12 14:00:00	0.00	0.00	0.00	0.00	4.27	2.1	329.7	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	17-Jul-12 13:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
17-Jul-12 14:00:00	17-Jul-12 15:00:00	0.00	0.00	0.00	0.00	4.04	2.1	329.7	0.00	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	17-Jul-12 14:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
17-Jul-12 15:00:00	17-Jul-12 16:00:00	0.00	0.00	0.00	0.00	3.77	2.1	329.7	0.00	0.00	0.00	1.24	0.23	10.35	18.92	83.84	86.68	17-Jul-12 15:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
17-Jul-12 16:00:00	17-Jul-12 17:00:00	0.00	0.34	0.00	0.00	3.78	2.1	329.7	0.00	0.11	0.00	1.25	0.23	10.35	18.92	83.84	86.68	17-Jul-12 16:00:00	0.23	10.46	18.92	83.84	86.68	0.23	10.46	18.92	83.84	86.68
17-Jul-12 17:00:00	17-Jul-12 18:00:00	0.00	1.04	0.00	0.00	4.06	2.1	329.7	0.00	0.34	0.00	1.34	0.23	10.35	18.92	83.84	86.68	17-Jul-12 17:00:00	0.23	10.69	18.92	83.84	86.68	0.23	10.69	18.92	83.84	86.68
17-Jul-12 18:00:00	17-Jul-12 19:00:00	0.00	1.74	0.00	0.00	4.33	2.1	329.7	0.00	0.57	0.00	1.43	0.23	10.35	18.92	83.84	86.68	17-Jul-12 18:00:00	0.23	10.92	18.92	83.84	86.68	0.23	10.92	18.92	83.84	86.68
17-Jul-12 19:00:00	17-Jul-12 20:00:00	0.00	6.74	0.00	0.00	4.63	2.1	329.7	0.00	2.22	0.00	1.53	0.23	10.35	18.92	83.84	86.68	17-Jul-12 19:00:00	0.23	12.57	18.92	83.84	86.68	0.23	12.57	18.92	83.84	86.68
17-Jul-12 20:00:00	17-Jul-12 21:00:00	0.00	3.81	0.00	0.00	4.79	2.1	329.7	0.00	1.25	0.00	1.58	0.23	10.35	18.92	83.84	86.68	17-Jul-12 20:00:00	0.23	11.60	18.92	83.84	86.68	0.23	11.60	18.92	83.84	86.68
17-Jul-12 21:00:00	17-Jul-12 22:00:00	0.00	1.08	0.00	0.00	4.83	2.1	329.7	0.00	0.35	0.00	1.59	0.23	10.35	18.92	83.84	86.68	17-Jul-12 21:00:00	0.23	10.70	18.92	83.84	86.68	0.23	10.70	18.92	83.84	86.68
17-Jul-12 22:00:00	17-Jul-12 23:00:00	0.00	2.14	0.00	0.00	4.87	2.1	329.7	0.00	0.70	0.00	1.60	0.23	10.35	18.92	83.84	86.68	17-Jul-12 22:00:00	0.23	11.05	18.92	83.84	86.68	0.23	11.05	18.92	83.84	86.68
17-Jul-12 23:00:00	18-Jul-12 00:00:00	0.00	1.31	0.00	0.00	4.93	2.1	329.7	0.00	0.43	0.00	1.63	0.23	10.35	18.92	83.84	86.68	17-Jul-12 23:00:00	0.23	10.78	18.92	83.84	86.68	0.23	10.78	18.92	83.84	86.68
18-Jul-12 00:00:00	18-Jul-12 01:00:00	0.00	0.46	0.00	0.00	5.05	2.1	329.7	0.00	0.15	0.00	1.67	0.23	10.35	18.92	83.84	86.68	18-Jul-12 00:00:00	0.23	10.50	18.92	83.84	86.68	0.23	10.50	18.92	83.84	86.68
18-Jul-12 01:00:00	18-Jul-12 02:00:00	0.00	1.01	0.00	0.00	5.11	2.1	329.7	0.00	0.33	0.00	1.68	0.23	10.35	18.92	83.84	86.68	18-Jul-12 01:00:00	0.23	10.68	18.92	83.84	86.68	0.23	10.68	18.92	83.84	86.68
18-Jul-12 02:00:00	18-Jul-12 03:00:00	0.00	0.63	0.00	0.00	5.16	2.1	329.7	0.00	0.21	0.00	1.70	0.23	10.35	18.92	83.84	86.68	18-Jul-12 02:00:00	0.23	10.56	18.92	83.84	86.68	0.23	10.56	18.92	83.84	86.68
18-Jul-12 03:00:00	18-Jul-12 04:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	18-Jul-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 04:00:00	18-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	18-Jul-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 05:00:00	18-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	18-Jul-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 06:00:00	18-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	18-Jul-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 07:00:00	18-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	18-Jul-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 08:00:00	18-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.13	2.1	329.7	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	18-Jul-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 09:00:00	18-Jul-12 10:00:00	0.00	0.00	0.00	0.00	4.83	2.1	329.7	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	18-Jul-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 10:00:00	18-Jul-12 11:00:00	0.00	0.00	0.00	0.00	4.53	2.1	329.7	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	18-Jul-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 11:00:00	18-Jul-12 12:00:00	0.00	0.00	0.00	0.00	4.29	2.1	329.7	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	18-Jul-12 11:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
18-Jul-12 12:00:00	18-Jul-12 13:00:00	0.00	0.00	0.00	0.00	4.28	2.1	329.7	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	18-Jul-12 12:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68</

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					Start Time	TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)					
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1		CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas		Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr		lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
20-Jul-12 01:00:00	20-Jul-12 02:00:00	0.00	0.01	0.00	0.00	5.19	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	20-Jul-12 01:00:00	0.23	10.35	18.92	83.84	88.39
20-Jul-12 02:00:00	20-Jul-12 03:00:00	0.00	0.24	0.00	0.00	5.34	2.1	329.7	0.00	0.08	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	20-Jul-12 02:00:00	0.23	10.43	18.92	83.84	88.44
20-Jul-12 03:00:00	20-Jul-12 04:00:00	0.00	0.00	0.00	0.00	5.46	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	20-Jul-12 03:00:00	0.23	10.35	18.92	83.84	88.48
20-Jul-12 04:00:00	20-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	20-Jul-12 04:00:00	0.23	10.35	18.92	83.84	88.52
20-Jul-12 05:00:00	20-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	20-Jul-12 05:00:00	0.23	10.35	18.92	83.84	88.55
20-Jul-12 06:00:00	20-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	20-Jul-12 06:00:00	0.23	10.35	18.92	83.84	88.53
20-Jul-12 07:00:00	20-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	20-Jul-12 07:00:00	0.23	10.35	18.92	83.84	88.50
20-Jul-12 08:00:00	20-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	20-Jul-12 08:00:00	0.23	10.35	18.92	83.84	88.46
20-Jul-12 09:00:00	20-Jul-12 10:00:00	0.00	0.00	0.00	0.00	5.35	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	20-Jul-12 09:00:00	0.23	10.35	18.92	83.84	88.44
20-Jul-12 10:00:00	20-Jul-12 11:00:00	0.00	0.00	0.00	0.00	5.29	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	20-Jul-12 10:00:00	0.23	10.35	18.92	83.84	88.42
20-Jul-12 11:00:00	20-Jul-12 12:00:00	0.00	0.00	0.00	0.00	5.14	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	20-Jul-12 11:00:00	0.23	10.35	18.92	83.84	88.37
20-Jul-12 12:00:00	20-Jul-12 13:00:00	0.00	0.00	0.00	0.00	4.99	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	20-Jul-12 12:00:00	0.23	10.35	18.92	83.84	88.33
20-Jul-12 13:00:00	20-Jul-12 14:00:00	0.00	0.00	0.00	0.00	4.84	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	20-Jul-12 13:00:00	0.23	10.35	18.92	83.84	88.28
20-Jul-12 14:00:00	20-Jul-12 15:00:00	0.00	0.03	0.00	3.34	404.38	2.1	329.7	0.00	0.01	0.00	1.10	133.32	0.23	10.35	18.92	83.84	86.68	20-Jul-12 14:00:00	0.23	10.36	18.92	84.94	220.00
20-Jul-12 15:00:00	20-Jul-12 16:00:00	0.00	0.53	0.00	2.13	284.75	2.1	329.7	0.00	0.17	0.00	0.70	93.88	0.23	10.35	18.92	83.84	86.68	20-Jul-12 15:00:00	0.23	10.52	18.92	84.54	180.56
20-Jul-12 16:00:00	20-Jul-12 17:00:00	0.00	1.19	0.00	0.46	6.17	2.1	329.7	0.00	0.39	0.00	0.15	2.03	0.23	10.35	18.92	83.84	86.68	20-Jul-12 16:00:00	0.23	10.74	18.92	83.99	88.71
20-Jul-12 17:00:00	20-Jul-12 18:00:00	0.00	1.84	0.00	0.00	6.00	2.1	329.7	0.00	0.61	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	20-Jul-12 17:00:00	0.23	10.96	18.92	83.84	88.66
20-Jul-12 18:00:00	20-Jul-12 19:00:00	0.00	0.30	0.00	0.00	5.82	2.1	329.7	0.00	0.10	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	20-Jul-12 18:00:00	0.23	10.45	18.92	83.84	88.60
20-Jul-12 19:00:00	20-Jul-12 20:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	20-Jul-12 19:00:00	0.23	10.35	18.92	83.84	88.57
20-Jul-12 20:00:00	20-Jul-12 21:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	20-Jul-12 20:00:00	0.23	10.35	18.92	83.84	88.54
20-Jul-12 21:00:00	20-Jul-12 22:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	20-Jul-12 21:00:00	0.23	10.35	18.92	83.84	88.50
20-Jul-12 22:00:00	20-Jul-12 23:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	20-Jul-12 22:00:00	0.23	10.35	18.92	83.84	88.46
20-Jul-12 23:00:00	21-Jul-12 00:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	20-Jul-12 23:00:00	0.23	10.35	18.92	83.84	88.46
21-Jul-12 00:00:00	21-Jul-12 01:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	21-Jul-12 00:00:00	0.23	10.35	18.92	83.84	88.46
21-Jul-12 01:00:00	21-Jul-12 02:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	21-Jul-12 01:00:00	0.23	10.35	18.92	83.84	88.46
21-Jul-12 02:00:00	21-Jul-12 03:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	21-Jul-12 02:00:00	0.23	10.35	18.92	83.84	88.45
21-Jul-12 03:00:00	21-Jul-12 04:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	21-Jul-12 03:00:00	0.23	10.35	18.92	83.84	88.43
21-Jul-12 04:00:00	21-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.29	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	21-Jul-12 04:00:00	0.23	10.35	18.92	83.84	88.42
21-Jul-12 05:00:00	21-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	21-Jul-12 05:00:00	0.23	10.35	18.92	83.84	88.42
21-Jul-12 06:00:00	21-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	21-Jul-12 06:00:00	0.23	10.35	18.92	83.84	88.42
21-Jul-12 07:00:00	21-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	21-Jul-12 07:00:00	0.23	10.35	18.92	83.84	88.46
21-Jul-12 08:00:00	21-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	21-Jul-12 08:00:00	0.23	10.35	18.92	83.84	88.46
21-Jul-12 09:00:00	21-Jul-12 10:00:00	0.00	0.00	0.00	0.00	5.34	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	21-Jul-12 09:00:00	0.23	10.35	18.92	83.84	88.44
21-Jul-12 10:00:00	21-Jul-12 11:00:00	0.00	0.27	0.00	0.00	5.27	2.1	329.7	0.00	0.09	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	21-Jul-12 10:00:00	0.23	10.44	18.92	83.84	88.42
21-Jul-12 11:00:00	21-Jul-12 12:00:00	0.00	1.02	0.00	0.00	5.21	2.1	329.7	0.00	0.33	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	21-Jul-12 11:00:00	0.23	10.68	18.92	83.84	88.40
21-Jul-12 12:00:00	21-Jul-12 13:00:00	0.00	1.69	0.00	0.00	5.17	2.1	329.7	0.00	0.56	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	21-Jul-12 12:00:00	0.23	10.91	18.92	83.84	88.38
21-Jul-12 13:00:00	21-Jul-12 14:00:00	0.00	0.00	0.00	0.00	134.53	2.1	329.7	0.00	0.00	0.00	0.00	44.36	0.23	10.35	18.92	83.84	86.68	21-Jul-12 13:00:00	0.23	10.35	18.92	83.84	131.04
21-Jul-12 14:00:00	21-Jul-12 15:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	21-Jul-12 14:00:00	0.23	10.35	18.92	83.84	88.36
21-Jul-12 15:00:00	21-Jul-12 16:00:00	0.00	0.00	0.00	0.00	4.98	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	21-Jul-12 15:00:00	0.23	10.35	18.92	83.84	88.32
21-Jul-12 16:00:00	21-Jul-12 17:00:00	0.00	0.00	0.00	0.00	4.88	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	21-Jul-12 16:00:00	0.23	10.35	18.92	83.84	88.29
21-Jul-12 17:00:00	21-Jul-12 18:00:00	0.00	0.00	0.00	0.00	4.77	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	21-Jul-12 17:00:00	0.23	10.35	18.92	83.84	88.25
21-Jul-12 18:00:00	21-Jul-12 19:00:00	0.00	0.00	0.00	0.00	4.70	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68						

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
Start Time	End Time	gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
23-Jul-12 01:00:00	23-Jul-12 02:00:00	0.00	0.00	0.00	0.00	4.96	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	23-Jul-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.32
23-Jul-12 02:00:00	23-Jul-12 03:00:00	0.00	0.00	0.00	0.00	5.10	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	23-Jul-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.36
23-Jul-12 03:00:00	23-Jul-12 04:00:00	0.00	0.00	0.00	0.00	5.14	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	23-Jul-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.37
23-Jul-12 04:00:00	23-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.18	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	23-Jul-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.39
23-Jul-12 05:00:00	23-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	23-Jul-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.40
23-Jul-12 06:00:00	23-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	23-Jul-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.42
23-Jul-12 07:00:00	23-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	23-Jul-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.46
23-Jul-12 08:00:00	23-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	23-Jul-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.49
23-Jul-12 09:00:00	23-Jul-12 10:00:00	105.91	0.00	0.00	0.00	115.57	2.1	329.7	34.92	0.00	0.00	0.00	38.10	0.23	10.35	18.92	83.84	86.68	23-Jul-12 09:00:00	35.15	10.35	18.92	83.84	86.68	35.15	10.35	18.92	83.84	124.78
23-Jul-12 10:00:00	23-Jul-12 11:00:00	1,752.33	0.00	0.00	0.00	5.59	2.1	329.7	577.74	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	23-Jul-12 10:00:00	577.97	10.35	18.92	83.84	86.68	577.97	10.35	18.92	83.84	88.52
23-Jul-12 11:00:00	23-Jul-12 12:00:00	1,942.86	0.43	0.00	0.00	5.26	2.1	329.7	640.56	0.14	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	23-Jul-12 11:00:00	640.79	10.49	18.92	83.84	86.68	640.79	10.49	18.92	83.84	88.41
23-Jul-12 12:00:00	23-Jul-12 13:00:00	1,802.73	6.04	0.00	0.00	4.92	2.1	329.7	594.36	1.99	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	23-Jul-12 12:00:00	594.59	12.34	18.92	83.84	86.68	594.59	12.34	18.92	83.84	88.30
23-Jul-12 13:00:00	23-Jul-12 14:00:00	1,633.92	0.00	0.00	0.36	19.75	2.1	329.7	538.70	0.00	0.00	0.12	6.51	0.23	10.35	18.92	83.84	86.68	23-Jul-12 13:00:00	538.93	10.35	18.92	83.84	86.68	538.93	10.35	18.92	83.84	93.19
23-Jul-12 14:00:00	23-Jul-12 15:00:00	1,516.10	0.00	0.00	0.00	4.48	2.1	329.7	499.86	0.00	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	23-Jul-12 14:00:00	500.09	10.35	18.92	83.84	86.68	500.09	10.35	18.92	83.84	88.16
23-Jul-12 15:00:00	23-Jul-12 16:00:00	1,320.32	0.00	0.00	0.32	4.34	2.1	329.7	435.31	0.00	0.00	0.11	1.43	0.23	10.35	18.92	83.84	86.68	23-Jul-12 15:00:00	435.54	10.35	18.92	83.84	86.68	435.54	10.35	18.92	83.84	88.11
23-Jul-12 16:00:00	23-Jul-12 17:00:00	1,197.24	0.00	0.00	0.28	4.20	2.1	329.7	394.73	0.00	0.00	0.09	1.38	0.23	10.35	18.92	83.84	86.68	23-Jul-12 16:00:00	394.96	10.35	18.92	83.84	86.68	394.96	10.35	18.92	83.84	88.06
23-Jul-12 17:00:00	23-Jul-12 18:00:00	1,039.78	0.00	0.00	0.48	4.11	2.1	329.7	342.82	0.00	0.00	0.16	1.36	0.23	10.35	18.92	83.84	86.68	23-Jul-12 17:00:00	343.05	10.35	18.92	83.84	86.68	343.05	10.35	18.92	83.84	88.04
23-Jul-12 18:00:00	23-Jul-12 19:00:00	965.86	0.00	0.00	0.12	4.24	2.1	329.7	186.56	0.00	0.00	0.04	1.40	0.23	10.35	18.92	83.84	86.68	23-Jul-12 18:00:00	186.79	10.35	18.92	83.84	86.68	186.79	10.35	18.92	83.84	88.08
23-Jul-12 19:00:00	23-Jul-12 20:00:00	0.00	0.00	0.00	0.00	4.39	2.1	329.7	0.00	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	23-Jul-12 19:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.13
23-Jul-12 20:00:00	23-Jul-12 21:00:00	0.00	0.00	0.00	0.00	4.54	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	23-Jul-12 20:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.18
23-Jul-12 21:00:00	23-Jul-12 22:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	23-Jul-12 21:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.21
23-Jul-12 22:00:00	23-Jul-12 23:00:00	0.00	0.00	0.00	0.00	4.76	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	23-Jul-12 22:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.25
23-Jul-12 23:00:00	24-Jul-12 00:00:00	0.00	0.00	0.00	0.00	4.92	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	23-Jul-12 23:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.30
24-Jul-12 00:00:00	24-Jul-12 01:00:00	0.00	0.00	0.00	0.00	5.07	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	24-Jul-12 00:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.35
24-Jul-12 01:00:00	24-Jul-12 02:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	24-Jul-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.40
24-Jul-12 02:00:00	24-Jul-12 03:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	24-Jul-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.44
24-Jul-12 03:00:00	24-Jul-12 04:00:00	0.00	0.00	0.00	0.00	5.44	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	24-Jul-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.48
24-Jul-12 04:00:00	24-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	24-Jul-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.52
24-Jul-12 05:00:00	24-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.70	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Jul-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.56
24-Jul-12 06:00:00	24-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	24-Jul-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.57
24-Jul-12 07:00:00	24-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	24-Jul-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.58
24-Jul-12 08:00:00	24-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	24-Jul-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.59
24-Jul-12 09:00:00	24-Jul-12 10:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	24-Jul-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.51
24-Jul-12 10:00:00	24-Jul-12 11:00:00	0.00	0.00	0.00	0.00	4.97	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	24-Jul-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.32
24-Jul-12 11:00:00	24-Jul-12 12:00:00	0.00	0.00	0.00	0.00	4.46	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35														

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL NO. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL NO. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
26-Jul-12 01:00:00	26-Jul-12 02:00:00	0.00	0.00	0.00	0.00	5.15	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	26-Jul-12 01:00:00	0.23	10.35	18.92	83.84	88.38
26-Jul-12 02:00:00	26-Jul-12 03:00:00	0.00	0.00	0.00	0.00	5.20	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	26-Jul-12 02:00:00	0.23	10.35	18.92	83.84	88.39
26-Jul-12 03:00:00	26-Jul-12 04:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	26-Jul-12 03:00:00	0.23	10.35	18.92	83.84	88.40
26-Jul-12 04:00:00	26-Jul-12 05:00:00	0.00	0.00	0.00	0.00	5.26	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	26-Jul-12 04:00:00	0.23	10.35	18.92	83.84	88.41
26-Jul-12 05:00:00	26-Jul-12 06:00:00	0.00	0.22	0.00	0.00	5.33	2.1	329.7	0.00	0.07	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	26-Jul-12 05:00:00	0.23	10.42	18.92	83.84	88.44
26-Jul-12 06:00:00	26-Jul-12 07:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	26-Jul-12 06:00:00	0.23	10.35	18.92	83.84	88.46
26-Jul-12 07:00:00	26-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	26-Jul-12 07:00:00	0.23	10.35	18.92	83.84	88.48
26-Jul-12 08:00:00	26-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	26-Jul-12 08:00:00	0.23	10.35	18.92	83.84	88.49
26-Jul-12 09:00:00	26-Jul-12 10:00:00	0.00	0.00	0.00	0.00	5.44	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	26-Jul-12 09:00:00	0.23	10.35	18.92	83.84	88.47
26-Jul-12 10:00:00	26-Jul-12 11:00:00	0.00	0.07	0.00	0.00	5.21	2.1	329.7	0.00	0.02	0.00	0.33	1.72	0.23	10.35	18.92	83.84	86.68	26-Jul-12 10:00:00	0.23	10.37	18.92	84.17	88.40
26-Jul-12 11:00:00	26-Jul-12 12:00:00	0.00	0.00	0.00	0.00	5.00	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	26-Jul-12 11:00:00	0.23	10.35	18.92	83.84	88.33
26-Jul-12 12:00:00	26-Jul-12 13:00:00	0.00	0.00	0.00	0.00	4.79	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	26-Jul-12 12:00:00	0.23	10.35	18.92	83.84	88.26
26-Jul-12 13:00:00	26-Jul-12 14:00:00	0.00	0.00	0.00	0.00	4.57	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	26-Jul-12 13:00:00	0.23	10.35	18.92	83.84	88.19
26-Jul-12 14:00:00	26-Jul-12 15:00:00	0.00	0.00	0.00	0.00	4.42	2.1	329.7	0.00	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	26-Jul-12 14:00:00	0.23	10.35	18.92	83.84	88.14
26-Jul-12 15:00:00	26-Jul-12 16:00:00	0.00	0.02	0.00	154.50	4.30	2.1	329.7	0.00	0.01	0.00	50.94	1.42	0.23	10.35	18.92	83.84	86.68	26-Jul-12 15:00:00	0.23	10.36	18.92	134.78	88.10
26-Jul-12 16:00:00	26-Jul-12 17:00:00	0.00	0.05	0.00	0.00	4.18	2.1	329.7	0.00	0.02	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	26-Jul-12 16:00:00	0.23	10.37	18.92	83.84	88.06
26-Jul-12 17:00:00	26-Jul-12 18:00:00	0.00	0.00	0.00	0.00	4.15	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	26-Jul-12 17:00:00	0.23	10.35	18.92	83.84	88.05
26-Jul-12 18:00:00	26-Jul-12 19:00:00	0.00	0.00	0.00	0.00	4.28	2.1	329.7	0.00	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	26-Jul-12 18:00:00	0.23	10.35	18.92	83.84	88.09
26-Jul-12 19:00:00	26-Jul-12 20:00:00	0.00	0.00	0.00	0.00	4.41	2.1	329.7	0.00	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	26-Jul-12 19:00:00	0.23	10.35	18.92	83.84	88.13
26-Jul-12 20:00:00	26-Jul-12 21:00:00	0.00	0.00	0.00	0.00	4.53	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	26-Jul-12 20:00:00	0.23	10.35	18.92	83.84	88.17
26-Jul-12 21:00:00	26-Jul-12 22:00:00	0.00	0.00	0.00	0.00	4.67	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	26-Jul-12 21:00:00	0.23	10.35	18.92	83.84	88.22
26-Jul-12 22:00:00	26-Jul-12 23:00:00	0.00	0.08	0.00	0.00	4.82	2.1	329.7	0.00	0.03	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	26-Jul-12 22:00:00	0.23	10.38	18.92	83.84	88.27
26-Jul-12 23:00:00	27-Jul-12 00:00:00	0.00	0.00	0.00	0.00	4.97	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	26-Jul-12 23:00:00	0.23	10.35	18.92	83.84	88.32
27-Jul-12 00:00:00	27-Jul-12 01:00:00	0.00	0.13	0.00	0.00	5.11	2.1	329.7	0.00	0.04	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	27-Jul-12 00:00:00	0.23	10.39	18.92	83.84	88.37
27-Jul-12 01:00:00	27-Jul-12 02:00:00	0.00	1.16	0.00	0.00	5.23	2.1	329.7	0.00	0.38	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	27-Jul-12 01:00:00	0.23	10.73	18.92	83.84	88.40
27-Jul-12 02:00:00	27-Jul-12 03:00:00	0.00	1.58	0.00	0.00	5.31	2.1	329.7	0.00	0.52	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	27-Jul-12 02:00:00	0.23	10.87	18.92	83.84	88.43
27-Jul-12 03:00:00	27-Jul-12 04:00:00	0.00	1.35	0.00	0.00	5.40	2.1	329.7	0.00	0.45	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	27-Jul-12 03:00:00	0.23	10.80	18.92	83.84	88.46
27-Jul-12 04:00:00	27-Jul-12 05:00:00	0.00	1.95	0.00	0.00	5.49	2.1	329.7	0.00	0.64	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	27-Jul-12 04:00:00	0.23	10.99	18.92	83.84	88.49
27-Jul-12 05:00:00	27-Jul-12 06:00:00	0.00	0.00	0.00	0.00	5.63	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	27-Jul-12 05:00:00	0.23	10.35	18.92	83.84	88.54
27-Jul-12 06:00:00	27-Jul-12 07:00:00	659.99	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	27-Jul-12 06:00:00	0.23	10.35	18.92	83.84	88.52
27-Jul-12 07:00:00	27-Jul-12 08:00:00	659.99	64.63	0.00	0.00	5.46	2.1	329.7	217.60	21.31	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	27-Jul-12 07:00:00	217.83	31.66	18.92	83.84	88.48
27-Jul-12 08:00:00	27-Jul-12 09:00:00	1,037.34	236.10	0.00	0.62	5.34	2.1	329.7	342.01	77.84	0.00	0.20	1.76	0.23	10.35	18.92	83.84	86.68	27-Jul-12 08:00:00	342.24	88.19	18.92	84.04	88.44
27-Jul-12 09:00:00	27-Jul-12 10:00:00	1,152.91	243.83	0.00	0.00	5.21	2.1	329.7	380.11	80.39	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	27-Jul-12 09:00:00	380.34	90.74	18.92	83.84	88.40
27-Jul-12 10:00:00	27-Jul-12 11:00:00	1,024.39	488.23	0.00	0.00	5.06	2.1	329.7	337.74	160.97	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	27-Jul-12 10:00:00	337.97	171.32	18.92	83.84	88.35
27-Jul-12 11:00:00	27-Jul-12 12:00:00	786.64	464.84	0.00	0.00	4.91	2.1	329.7	259.35	153.26	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	27-Jul-12 11:00:00	259.58	163.61	18.92	83.84	88.30
27-Jul-12 12:00:00	27-Jul-12 13:00:00	591.14	327.52	0.00	0.00	4.77	2.1	329.7	194.90	107.98	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	27-Jul-12 12:00:00	195.13	118.33	18.92	83.84	88.25
27-Jul-12 13:00:00	27-Jul-12 14:00:00	80.14	1,240.18	0.00	0.00	4.51	2.1	329.7	26.42	408.89	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	27-Jul-12 13:00:00	26.65	419.24	18.92	83.84	88.17
27-Jul-12 14:00:00	27-Jul-12 15:00:00	0.00	703.92	0.00	0.00	4.33	2.1	329.7	0.00	232.08	0.00	0.00	1.43	0.23	10.35									

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL NO. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL NO. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
29-Jul-12 01:00:00	29-Jul-12 02:00:00	0.00	4.92	0.00	0.00	6.35	2.1	329.7	0.00	1.62	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	29-Jul-12 01:00:00	0.23	11.97	18.92	83.84	88.77
29-Jul-12 02:00:00	29-Jul-12 03:00:00	0.00	0.65	0.00	0.00	6.35	2.1	329.7	0.00	0.21	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	29-Jul-12 02:00:00	0.23	10.56	18.92	83.84	88.78
29-Jul-12 03:00:00	29-Jul-12 04:00:00	0.00	2.08	0.00	0.00	6.22	2.1	329.7	0.00	0.68	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	29-Jul-12 03:00:00	0.23	11.03	18.92	83.84	88.73
29-Jul-12 04:00:00	29-Jul-12 05:00:00	0.00	2.58	0.00	0.00	6.10	2.1	329.7	0.00	0.85	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	29-Jul-12 04:00:00	0.23	11.20	18.92	83.84	88.69
29-Jul-12 05:00:00	29-Jul-12 06:00:00	0.00	0.71	0.00	0.00	5.98	2.1	329.7	0.00	0.24	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	29-Jul-12 05:00:00	0.23	10.59	18.92	83.84	88.65
29-Jul-12 06:00:00	29-Jul-12 07:00:00	0.00	1.47	0.00	0.00	5.81	2.1	329.7	0.00	0.48	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	29-Jul-12 06:00:00	0.23	10.83	18.92	83.84	88.60
29-Jul-12 07:00:00	29-Jul-12 08:00:00	0.00	0.68	0.00	0.00	5.63	2.1	329.7	0.00	0.22	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	29-Jul-12 07:00:00	0.23	10.57	18.92	83.84	88.54
29-Jul-12 08:00:00	29-Jul-12 09:00:00	0.00	2.41	0.00	0.00	5.49	2.1	329.7	0.00	0.79	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	29-Jul-12 08:00:00	0.23	11.14	18.92	83.84	88.49
29-Jul-12 09:00:00	29-Jul-12 10:00:00	0.00	4.28	0.00	0.00	5.34	2.1	329.7	0.00	1.41	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	29-Jul-12 09:00:00	0.23	11.76	18.92	83.84	88.44
29-Jul-12 10:00:00	29-Jul-12 11:00:00	0.00	3.18	0.00	0.00	5.21	2.1	329.7	0.00	1.05	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	29-Jul-12 10:00:00	0.23	11.40	18.92	83.84	88.40
29-Jul-12 11:00:00	29-Jul-12 12:00:00	0.00	12.29	0.00	0.00	5.07	2.1	329.7	0.00	4.05	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	29-Jul-12 11:00:00	0.23	14.40	18.92	83.84	88.35
29-Jul-12 12:00:00	29-Jul-12 13:00:00	0.00	9.07	0.00	0.00	4.91	2.1	329.7	0.00	2.99	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	29-Jul-12 12:00:00	0.23	13.34	18.92	83.84	88.30
29-Jul-12 13:00:00	29-Jul-12 14:00:00	0.00	3.64	0.00	0.00	4.76	2.1	329.7	0.00	1.20	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	29-Jul-12 13:00:00	0.23	11.55	18.92	83.84	88.25
29-Jul-12 14:00:00	29-Jul-12 15:00:00	0.00	3.79	0.00	0.00	4.64	2.1	329.7	0.00	1.25	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	29-Jul-12 14:00:00	0.23	11.60	18.92	83.84	88.21
29-Jul-12 15:00:00	29-Jul-12 16:00:00	0.00	1.25	0.00	0.00	4.57	2.1	329.7	0.00	0.41	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	29-Jul-12 15:00:00	0.23	10.76	18.92	83.84	88.19
29-Jul-12 16:00:00	29-Jul-12 17:00:00	0.00	0.56	0.00	0.00	4.48	2.1	329.7	0.00	0.18	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	29-Jul-12 16:00:00	0.23	10.53	18.92	83.84	88.16
29-Jul-12 17:00:00	29-Jul-12 18:00:00	0.00	0.25	1.57	0.00	4.38	2.1	329.7	0.00	0.08	0.52	0.00	1.45	0.23	10.35	18.92	83.84	86.68	29-Jul-12 17:00:00	0.23	10.43	19.44	83.84	88.13
29-Jul-12 18:00:00	29-Jul-12 19:00:00	0.00	0.00	0.00	0.00	4.37	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	29-Jul-12 18:00:00	0.23	10.35	18.92	83.84	88.12
29-Jul-12 19:00:00	29-Jul-12 20:00:00	0.00	0.00	0.00	0.00	4.93	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	29-Jul-12 19:00:00	0.23	10.35	18.92	83.84	88.30
29-Jul-12 20:00:00	29-Jul-12 21:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	29-Jul-12 20:00:00	0.23	10.35	18.92	83.84	88.52
29-Jul-12 21:00:00	29-Jul-12 22:00:00	0.00	0.99	0.00	0.00	6.26	2.1	329.7	0.00	0.33	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Jul-12 21:00:00	0.23	10.68	18.92	83.84	88.74
29-Jul-12 22:00:00	29-Jul-12 23:00:00	0.00	0.85	0.00	0.00	6.72	2.1	329.7	0.00	0.28	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	29-Jul-12 22:00:00	0.23	10.63	18.92	83.84	88.89
29-Jul-12 23:00:00	30-Jul-12 00:00:00	0.00	0.00	0.00	0.00	6.51	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	29-Jul-12 23:00:00	0.23	10.35	18.92	83.84	88.83
30-Jul-12 00:00:00	30-Jul-12 01:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	30-Jul-12 00:00:00	0.23	10.35	18.92	83.84	88.74
30-Jul-12 01:00:00	30-Jul-12 02:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	30-Jul-12 01:00:00	0.23	10.35	18.92	83.84	88.66
30-Jul-12 02:00:00	30-Jul-12 03:00:00	0.00	0.06	0.00	0.00	5.93	2.1	329.7	0.00	0.02	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	30-Jul-12 02:00:00	0.23	10.37	18.92	83.84	88.64
30-Jul-12 03:00:00	30-Jul-12 04:00:00	0.00	0.58	0.00	0.00	5.96	2.1	329.7	0.00	0.19	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	30-Jul-12 03:00:00	0.23	10.54	18.92	83.84	88.65
30-Jul-12 04:00:00	30-Jul-12 05:00:00	0.00	1.20	0.00	0.00	5.90	2.1	329.7	0.00	0.39	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	30-Jul-12 04:00:00	0.23	10.74	18.92	83.84	88.63
30-Jul-12 05:00:00	30-Jul-12 06:00:00	0.00	1.81	0.00	0.00	5.84	2.1	329.7	0.00	0.60	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	30-Jul-12 05:00:00	0.23	10.95	18.92	83.84	88.61
30-Jul-12 06:00:00	30-Jul-12 07:00:00	0.00	1.31	0.00	0.00	5.79	2.1	329.7	0.00	0.43	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	30-Jul-12 06:00:00	0.23	10.78	18.92	83.84	88.59
30-Jul-12 07:00:00	30-Jul-12 08:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	30-Jul-12 07:00:00	0.23	10.35	18.92	83.84	88.57
30-Jul-12 08:00:00	30-Jul-12 09:00:00	0.00	0.00	0.00	0.00	5.66	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	30-Jul-12 08:00:00	0.23	10.35	18.92	83.84	88.55
30-Jul-12 09:00:00	30-Jul-12 10:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	30-Jul-12 09:00:00	0.23	10.35	18.92	83.84	88.52
30-Jul-12 10:00:00	30-Jul-12 11:00:00	0.00	0.27	0.00	0.00	5.54	2.1	329.7	0.00	0.09	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	30-Jul-12 10:00:00	0.23	10.44	18.92	83.84	88.51
30-Jul-12 11:00:00	30-Jul-12 12:00:00	0.00	1.51	0.00	0.00	5.37	2.1	329.7	0.00	0.50	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	30-Jul-12 11:00:00	0.23	10.85	18.92	83.84	88.45
30-Jul-12 12:00:00	30-Jul-12 13:00:00	0.00	4.28	0.00	0.00	5.15	2.1	329.7	0.00	1.41	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	30-Jul-12 12:00:00	0.23	11.76	18.92	83.84	88.38
30-Jul-12 13:00:00	30-Jul-12 14:00:00	0.00	3.15	0.00	0.00	4.93	2.1	329.7	0.00	1.04	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	30-Jul-12 13:00:00	0.23	11.39	18.92	83.84	88.31
30-Jul-12 14:00:00	30-Jul-12 15:00:00	0.00	1.47	0.00	0.00	4.74	2.1	329.7	0.00	0.48	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	30-Jul-12 14:00:00	0.23	10.83	18.92	83.84	88.24
30-Jul-12 15:00:00	30-Jul-12 16:00:00	0.00	3.38	0.00	0.00	4.84	2.1	329.7	0.00	1.11	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	30-Jul-12 15:00:00	0.23	11.46	18.92	83.84	88.27
30-Jul-12 16:00:00	30-Jul-12 17:00:00	0.00	0.85	0.00	0.00	5.00	2.1	329.7	0.00	0.65	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	30-Jul-12 16:00:00	0.23	10.63	18.92	83.84	88.33
30-Jul-12 17:00:00	30-Jul-12 18:00:00	0.00	0.00	0.00	0.00	5.17	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	30-Jul-12 17:00:00	0.23	10.35	18.92	83.84	88.38
30-Jul-12 18:00:00	30-Jul-12 19:00:00	0.00	0.20	0.00	0.00	5.40	2.1	329.7	0.00	0.07	0.00	0.00	1.78	0.23	10.35	18.92	83.8							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTCB2	
Start Time	End Time	gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	
01-Aug-12 01:00:00	01-Aug-12 02:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	01-Aug-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.21
01-Aug-12 02:00:00	01-Aug-12 03:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	01-Aug-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.21
01-Aug-12 03:00:00	01-Aug-12 04:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	01-Aug-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.21
01-Aug-12 04:00:00	01-Aug-12 05:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	01-Aug-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.21
01-Aug-12 05:00:00	01-Aug-12 06:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	01-Aug-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.21
01-Aug-12 06:00:00	01-Aug-12 07:00:00	0.00	0.00	0.00	0.00	4.59	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	01-Aug-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.19
01-Aug-12 07:00:00	01-Aug-12 08:00:00	0.00	0.00	0.00	0.00	4.45	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	01-Aug-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.15
01-Aug-12 08:00:00	01-Aug-12 09:00:00	0.00	0.00	0.00	0.00	4.32	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	01-Aug-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.11
01-Aug-12 09:00:00	01-Aug-12 10:00:00	0.00	0.00	0.00	0.00	4.19	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	01-Aug-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.06
01-Aug-12 10:00:00	01-Aug-12 11:00:00	0.00	0.00	0.00	0.00	4.06	2.1	329.7	0.00	0.00	0.00	0.00	1.34	0.23	10.35	18.92	83.84	86.68	01-Aug-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.02
01-Aug-12 11:00:00	01-Aug-12 12:00:00	0.00	1.75	0.00	0.00	3.92	2.1	329.7	0.00	0.58	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	01-Aug-12 11:00:00	0.23	10.93	18.92	83.84	86.68	0.23	10.93	18.92	83.84	87.97
01-Aug-12 12:00:00	01-Aug-12 13:00:00	0.00	9.16	0.00	0.00	3.78	2.1	329.7	0.00	3.02	0.00	0.00	1.25	0.23	10.35	18.92	83.84	86.68	01-Aug-12 12:00:00	0.23	13.37	18.92	83.84	86.68	0.23	13.37	18.92	83.84	87.93
01-Aug-12 13:00:00	01-Aug-12 14:00:00	0.00	15.12	0.00	0.00	3.64	2.1	329.7	0.00	4.98	0.00	0.00	1.20	0.23	10.35	18.92	83.84	86.68	01-Aug-12 13:00:00	0.23	15.33	18.92	83.84	86.68	0.23	15.33	18.92	83.84	87.88
01-Aug-12 14:00:00	01-Aug-12 15:00:00	0.00	9.45	0.00	0.00	3.43	2.1	329.7	0.00	3.11	0.00	0.00	1.13	0.23	10.35	18.92	83.84	86.68	01-Aug-12 14:00:00	0.23	13.46	18.92	83.84	86.68	0.23	13.46	18.92	83.84	87.81
01-Aug-12 15:00:00	01-Aug-12 16:00:00	0.00	1.69	0.00	0.00	3.15	2.1	329.7	0.00	0.56	0.00	0.00	1.04	0.23	10.35	18.92	83.84	86.68	01-Aug-12 15:00:00	0.23	10.91	18.92	83.84	86.68	0.23	10.91	18.92	83.84	87.72
01-Aug-12 16:00:00	01-Aug-12 17:00:00	0.00	0.45	0.00	0.00	2.90	2.1	329.7	0.00	0.15	0.00	0.00	0.95	0.23	10.35	18.92	83.84	86.68	01-Aug-12 16:00:00	0.23	10.50	18.92	83.84	86.68	0.23	10.50	18.92	83.84	87.63
01-Aug-12 17:00:00	01-Aug-12 18:00:00	0.00	0.30	0.00	0.00	2.64	2.1	329.7	0.00	0.10	0.00	0.00	0.87	0.23	10.35	18.92	83.84	86.68	01-Aug-12 17:00:00	0.23	10.45	18.92	83.84	86.68	0.23	10.45	18.92	83.84	87.55
01-Aug-12 18:00:00	01-Aug-12 19:00:00	0.00	0.15	0.00	0.00	2.45	2.1	329.7	0.00	0.05	0.00	0.00	0.81	0.23	10.35	18.92	83.84	86.68	01-Aug-12 18:00:00	0.23	10.40	18.92	83.84	86.68	0.23	10.40	18.92	83.84	87.49
01-Aug-12 19:00:00	01-Aug-12 20:00:00	0.00	0.02	0.00	0.00	2.59	2.1	329.7	0.00	0.01	0.00	0.00	0.85	0.23	10.35	18.92	83.84	86.68	01-Aug-12 19:00:00	0.23	10.36	18.92	83.84	86.68	0.23	10.36	18.92	83.84	87.53
01-Aug-12 20:00:00	01-Aug-12 21:00:00	0.00	0.00	0.00	0.00	2.77	2.1	329.7	0.00	0.00	0.00	0.00	0.91	0.23	10.35	18.92	83.84	86.68	01-Aug-12 20:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	87.59
01-Aug-12 21:00:00	01-Aug-12 22:00:00	0.00	0.00	0.00	0.00	2.94	2.1	329.7	0.00	0.00	0.00	0.00	0.97	0.23	10.35	18.92	83.84	86.68	01-Aug-12 21:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	87.65
01-Aug-12 22:00:00	01-Aug-12 23:00:00	0.00	0.00	0.00	0.00	3.08	2.1	329.7	0.00	0.00	0.00	0.00	1.02	0.23	10.35	18.92	83.84	86.68	01-Aug-12 22:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	87.70
01-Aug-12 23:00:00	02-Aug-12 00:00:00	0.00	1.30	0.00	0.00	3.30	2.1	329.7	0.00	0.43	0.00	0.00	1.09	0.23	10.35	18.92	83.84	86.68	01-Aug-12 23:00:00	0.23	10.78	18.92	83.84	86.68	0.23	10.78	18.92	83.84	87.77
02-Aug-12 00:00:00	02-Aug-12 01:00:00	0.00	2.87	0.00	0.00	3.56	2.1	329.7	0.00	0.95	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	02-Aug-12 00:00:00	0.23	11.30	18.92	83.84	86.68	0.23	11.30	18.92	83.84	87.85
02-Aug-12 01:00:00	02-Aug-12 02:00:00	0.00	2.86	0.00	0.00	3.83	2.1	329.7	0.00	0.94	0.00	0.00	1.26	0.23	10.35	18.92	83.84	86.68	02-Aug-12 01:00:00	0.23	11.29	18.92	83.84	86.68	0.23	11.29	18.92	83.84	87.94
02-Aug-12 02:00:00	02-Aug-12 03:00:00	0.00	0.00	0.00	0.00	3.96	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	02-Aug-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	87.99
02-Aug-12 03:00:00	02-Aug-12 04:00:00	0.00	0.00	0.00	0.00	4.03	2.1	329.7	0.00	0.00	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	02-Aug-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.01
02-Aug-12 04:00:00	02-Aug-12 05:00:00	0.00	0.00	0.00	0.00	4.16	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	02-Aug-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.05
02-Aug-12 05:00:00	02-Aug-12 06:00:00	0.00	0.00	0.00	0.00	4.28	2.1	329.7	0.00	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	02-Aug-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.09
02-Aug-12 06:00:00	02-Aug-12 07:00:00	0.00	0.00	0.00	0.00	4.31	2.1	329.7	0.00	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	02-Aug-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.10
02-Aug-12 07:00:00	02-Aug-12 08:00:00	0.00	0.00	0.00	0.00	4.10	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	02-Aug-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.03
02-Aug-12 08:00:00	02-Aug-12 09:00:00	0.00	0.00	0.00	0.00	3.90	2.1	329.7	0.00	0.00	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	02-Aug-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	87.97
02-Aug-12 09:00:00	02-Aug-12 10:00:00	0.00	0.00	0.00	0.00	3.71	2.1	329.7	0.00	0.00	0.00	0.00	1.22	0.23	10.35	18.92	83.84	86.68	02-Aug-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	87.90
02-Aug-12 10:00:00	02-Aug-12 11:00:00	0.00	0.00	0.00	0.00	3.51	2.1	329.7	0.00	0.00	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	02-Aug-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	87.84
02-Aug-12 11:00:00	02-Aug-12 12:00:00	0.00	0.59	0.00	0.00	3.23	2.1	329.7	0.00	0.19	0.00	0.00	1.07	0.23	10.35	18.92	83.84	86.68	02-Aug-12 11:00:00	0.23	10.54	18.92	83.84	86.68	0.23	10.54			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
Start Time	End Time	R1 / Swing / Power Boiler	R2	R3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	R1 / Swing / Power Boiler	R2	R3	CB1	CB2	R1 / Swing / Power Boiler	R2	R3	CB1	CB2	R1 / Swing / Power Boiler	R2	R3	CB1	CB2	R1 / Swing / Power Boiler	R2	R3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	FUTS8	FUTRF2	FUTRF3	FUTC1
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
04-Aug-12 01:00:00	04-Aug-12 02:00:00	0.00	0.99	0.00	0.00	4.53	2.1	329.7	0.00	0.33	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	04-Aug-12 01:00:00	0.23	10.68	18.92	83.84	88.17				
04-Aug-12 02:00:00	04-Aug-12 03:00:00	0.00	0.68	0.00	0.00	4.66	2.1	329.7	0.00	0.22	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	04-Aug-12 02:00:00	0.23	10.57	18.92	83.84	88.22				
04-Aug-12 03:00:00	04-Aug-12 04:00:00	0.00	0.41	0.00	0.00	4.79	2.1	329.7	0.00	0.14	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	04-Aug-12 03:00:00	0.23	10.49	18.92	83.84	88.26				
04-Aug-12 04:00:00	04-Aug-12 05:00:00	0.00	0.14	0.00	0.00	4.93	2.1	329.7	0.00	0.05	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	04-Aug-12 04:00:00	0.23	10.40	18.92	83.84	88.31				
04-Aug-12 05:00:00	04-Aug-12 06:00:00	0.00	0.00	0.00	0.00	5.07	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	04-Aug-12 05:00:00	0.23	10.35	18.92	83.84	88.35				
04-Aug-12 06:00:00	04-Aug-12 07:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	04-Aug-12 06:00:00	0.23	10.35	18.92	83.84	88.37				
04-Aug-12 07:00:00	04-Aug-12 08:00:00	0.00	0.07	0.00	0.00	4.98	2.1	329.7	0.00	0.02	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	04-Aug-12 07:00:00	0.23	10.37	18.92	83.84	88.32				
04-Aug-12 08:00:00	04-Aug-12 09:00:00	0.00	0.00	0.00	0.00	4.86	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	04-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.28				
04-Aug-12 09:00:00	04-Aug-12 10:00:00	0.00	0.00	0.00	0.00	4.75	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	04-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.24				
04-Aug-12 10:00:00	04-Aug-12 11:00:00	0.00	0.00	0.00	0.00	4.67	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	04-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.22				
04-Aug-12 11:00:00	04-Aug-12 12:00:00	0.00	0.00	0.00	0.00	4.58	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	04-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.19				
04-Aug-12 12:00:00	04-Aug-12 13:00:00	0.00	0.60	0.00	0.00	4.44	2.1	329.7	0.00	0.20	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	04-Aug-12 12:00:00	0.23	10.55	18.92	83.84	88.15				
04-Aug-12 13:00:00	04-Aug-12 14:00:00	0.00	2.25	0.00	0.00	4.31	2.1	329.7	0.00	0.74	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	04-Aug-12 13:00:00	0.23	11.09	18.92	83.84	88.10				
04-Aug-12 14:00:00	04-Aug-12 15:00:00	0.00	1.41	0.00	0.00	4.22	2.1	329.7	0.00	0.46	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	04-Aug-12 14:00:00	0.23	10.81	18.92	83.84	88.07				
04-Aug-12 15:00:00	04-Aug-12 16:00:00	0.00	5.01	0.00	0.00	4.31	2.1	329.7	0.00	1.65	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	04-Aug-12 15:00:00	0.23	12.00	18.92	83.84	88.10				
04-Aug-12 16:00:00	04-Aug-12 17:00:00	0.00	5.83	0.00	0.00	4.41	2.1	329.7	0.00	1.92	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	04-Aug-12 16:00:00	0.23	12.27	18.92	83.84	88.14				
04-Aug-12 17:00:00	04-Aug-12 18:00:00	0.00	0.13	0.00	0.00	4.52	2.1	329.7	0.00	0.04	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	04-Aug-12 17:00:00	0.23	10.39	18.92	83.84	88.17				
04-Aug-12 18:00:00	04-Aug-12 19:00:00	0.00	0.50	0.00	0.00	4.56	2.1	329.7	0.00	0.17	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	04-Aug-12 18:00:00	0.23	10.52	18.92	83.84	88.18				
04-Aug-12 19:00:00	04-Aug-12 20:00:00	0.00	1.00	0.00	0.00	4.68	2.1	329.7	0.00	0.33	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	04-Aug-12 19:00:00	0.23	10.68	18.92	83.84	88.22				
04-Aug-12 20:00:00	04-Aug-12 21:00:00	0.00	1.49	0.00	0.00	4.86	2.1	329.7	0.00	0.49	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	04-Aug-12 20:00:00	0.23	10.84	18.92	83.84	88.28				
04-Aug-12 21:00:00	04-Aug-12 22:00:00	0.00	1.14	0.00	0.00	5.04	2.1	329.7	0.00	0.38	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	04-Aug-12 21:00:00	0.23	10.73	18.92	83.84	88.34				
04-Aug-12 22:00:00	04-Aug-12 23:00:00	0.00	1.12	0.00	0.00	5.19	2.1	329.7	0.00	0.37	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	04-Aug-12 22:00:00	0.23	10.72	18.92	83.84	88.39				
04-Aug-12 23:00:00	05-Aug-12 00:00:00	0.00	0.96	0.00	0.00	5.33	2.1	329.7	0.00	0.32	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	04-Aug-12 23:00:00	0.23	10.67	18.92	83.84	88.44				
05-Aug-12 00:00:00	05-Aug-12 01:00:00	0.00	2.52	0.00	0.00	5.48	2.1	329.7	0.00	0.83	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	05-Aug-12 00:00:00	0.23	11.18	18.92	83.84	88.49				
05-Aug-12 01:00:00	05-Aug-12 02:00:00	0.00	2.36	0.00	0.00	5.62	2.1	329.7	0.00	0.78	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	05-Aug-12 01:00:00	0.23	11.13	18.92	83.84	88.53				
05-Aug-12 02:00:00	05-Aug-12 03:00:00	0.00	2.46	0.00	0.00	5.67	2.1	329.7	0.00	0.81	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	05-Aug-12 02:00:00	0.23	11.16	18.92	83.84	88.55				
05-Aug-12 03:00:00	05-Aug-12 04:00:00	0.00	0.63	0.00	0.00	5.67	2.1	329.7	0.00	0.21	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	05-Aug-12 03:00:00	0.23	10.56	18.92	83.84	88.55				
05-Aug-12 04:00:00	05-Aug-12 05:00:00	0.00	0.19	0.00	0.00	5.71	2.1	329.7	0.00	0.06	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	05-Aug-12 04:00:00	0.23	10.41	18.92	83.84	88.56				
05-Aug-12 05:00:00	05-Aug-12 06:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	05-Aug-12 05:00:00	0.23	10.35	18.92	83.84	88.58				
05-Aug-12 06:00:00	05-Aug-12 07:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	05-Aug-12 06:00:00	0.23	10.35	18.92	83.84	88.58				
05-Aug-12 07:00:00	05-Aug-12 08:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	05-Aug-12 07:00:00	0.23	10.35	18.92	83.84	88.55				
05-Aug-12 08:00:00	05-Aug-12 09:00:00	0.00	0.00	0.00	0.00	5.55	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	05-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.51				
05-Aug-12 09:00:00	05-Aug-12 10:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	05-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.47				
05-Aug-12 10:00:00	05-Aug-12 11:00:00	0.00	0.00	0.00	0.00	5.36	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	05-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.45				
05-Aug-12 11:00:00	05-Aug-12 12:00:00	0.00	0.00	0.00	0.00	5.26	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	05-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.41				
05-Aug-12 12:00:00	05-Aug-12 13:00:00	0.00	1.81	0.00	0.00	5.11	2.1	329.7	0.00	0.60	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	05-Aug-12 12:00:00	0.23	10.95	18.92	83.84	88.37				
05-Aug-12 13:00:00	05-Aug-12 14:00:00	0.00	2.76	0.00	0.00	4.97	2.1	329.7	0.00	0.91	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	05-Aug-12 13:00:00	0.23	11.26	18.92	83.84	88.32				
05-Aug-12 14:00:00	05-Aug-12 15:00:00	0.00	3.18	0.00	0.00	4.90	2.1	329.7	0.00	1.05	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	05-Aug-12 14:00:00	0.23	11.40	18.92	83.84	88.30				
05-Aug-12 15:00:00	05-Aug-12 16:00:00	0.00	2.82	0.00	0.00	5.02	2.1	329.7	0.00	0.93	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	05-Aug-12 15:00:00	0.23	11.28	18.92	83.84	88.34				
05-Aug-12 16:00:00	05-Aug-12 17:00:00	0.00	1.17	0.00	0.00	5.14	2.1	329.7	0.00	0.39	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	05-Aug-12 16:00:00	0.23	10.74	18.92	83.84	88.37				
05-Aug-12 17:00:00	05-Aug-12 18:00:00	0.00	0.80	0.00	0.00	5.25	2.1	329.7	0.00	0.26	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	05-Aug-12 17:00:00	0.23	10.61	18.92	83.84	88.41				
05-Aug-12 18:00:00	05-Aug-12 19:00:00	0.00	0.43	0.00	0.00</																							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
07-Aug-12 01:00:00	07-Aug-12 02:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.58	
07-Aug-12 02:00:00	07-Aug-12 03:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.58	
07-Aug-12 03:00:00	07-Aug-12 04:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.58	
07-Aug-12 04:00:00	07-Aug-12 05:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.57	
07-Aug-12 05:00:00	07-Aug-12 06:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.56	
07-Aug-12 06:00:00	07-Aug-12 07:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.56	
07-Aug-12 07:00:00	07-Aug-12 08:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.57	
07-Aug-12 08:00:00	07-Aug-12 09:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.58	
07-Aug-12 09:00:00	07-Aug-12 10:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.59	
07-Aug-12 10:00:00	07-Aug-12 11:00:00	0.00	0.00	0.00	28.42	5.78	2.1	329.7	0.00	0.00	0.00	9.37	1.90	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	93.21	88.58	
07-Aug-12 11:00:00	07-Aug-12 12:00:00	0.00	0.02	0.00	0.00	5.64	2.1	329.7	0.00	0.01	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	0.23	10.36	18.92	83.84	88.54	
07-Aug-12 12:00:00	07-Aug-12 13:00:00	0.00	0.38	0.00	0.00	5.49	2.1	329.7	0.00	0.13	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	0.23	10.48	18.92	83.84	88.49	
07-Aug-12 13:00:00	07-Aug-12 14:00:00	0.00	0.87	0.00	0.00	5.33	2.1	329.7	0.00	0.29	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	0.23	10.64	18.92	83.84	88.44	
07-Aug-12 14:00:00	07-Aug-12 15:00:00	0.00	1.35	0.00	0.00	5.18	2.1	329.7	0.00	0.44	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	0.23	10.79	18.92	83.84	88.39	
07-Aug-12 15:00:00	07-Aug-12 16:00:00	0.00	0.80	0.00	0.00	5.16	2.1	329.7	0.00	0.26	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	0.23	10.61	18.92	83.84	88.38	
07-Aug-12 16:00:00	07-Aug-12 17:00:00	0.00	0.41	0.00	233.94	5.19	2.1	329.7	0.00	0.13	0.00	77.13	1.71	0.23	10.35	18.92	83.84	86.68	0.23	10.48	18.92	160.97	88.39	
07-Aug-12 17:00:00	07-Aug-12 18:00:00	0.00	0.25	0.00	460.39	5.21	2.1	329.7	0.00	0.08	0.00	151.79	1.72	0.23	10.35	18.92	83.84	86.68	0.23	10.43	18.92	235.63	88.40	
07-Aug-12 18:00:00	07-Aug-12 19:00:00	0.00	0.09	0.00	0.00	5.28	2.1	329.7	0.00	0.03	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	0.23	10.38	18.92	83.84	88.42	
07-Aug-12 19:00:00	07-Aug-12 20:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.53	
07-Aug-12 20:00:00	07-Aug-12 21:00:00	58.62	0.00	0.00	0.00	6.00	2.1	329.7	19.33	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.66	
07-Aug-12 21:00:00	07-Aug-12 22:00:00	400.90	0.00	0.00	0.00	6.38	2.1	329.7	132.18	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	0.23	13.41	10.35	18.92	83.84	88.78
07-Aug-12 22:00:00	07-Aug-12 23:00:00	404.49	0.00	0.00	0.00	6.22	2.1	329.7	133.36	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	0.23	13.59	10.35	18.92	83.84	88.86
07-Aug-12 23:00:00	08-Aug-12 00:00:00	505.19	0.37	0.00	0.00	6.68	2.1	329.7	166.56	0.12	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	0.23	16.79	10.47	18.92	83.84	88.88
08-Aug-12 00:00:00	08-Aug-12 01:00:00	0.00	0.00	0.00	0.00	6.80	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.92	
08-Aug-12 01:00:00	08-Aug-12 02:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.96	
08-Aug-12 02:00:00	08-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.97	
08-Aug-12 03:00:00	08-Aug-12 04:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.96	
08-Aug-12 04:00:00	08-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.96	
08-Aug-12 05:00:00	08-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.96	
08-Aug-12 06:00:00	08-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.83	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.93	
08-Aug-12 07:00:00	08-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.88	
08-Aug-12 08:00:00	08-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.85	
08-Aug-12 09:00:00	08-Aug-12 10:00:00	0.00	0.00	0.00	0.93	6.46	2.1	329.7	0.00	0.00	0.00	0.31	2.13	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	84.15	88.81	
08-Aug-12 10:00:00	08-Aug-12 11:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.79	
08-Aug-12 11:00:00	08-Aug-12 12:00:00	60.93	0.00	0.00	0.00	6.31	2.1	329.7	20.09	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	0.23	20.32	10.35	18.92	83.84	88.76
08-Aug-12 12:00:00	08-Aug-12 13:00:00	121.44	0.00	0.00	0.00	6.15	2.1	329.7	40.04	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	0.23	40.27	10.35	18.92	83.84	88.71
08-Aug-12 13:00:00	08-Aug-12 14:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.65	
08-Aug-12 14:00:00	08-Aug-12 15:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.59	
08-Aug-12 15:00:00	08-Aug-12 16:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.54	
08-Aug-12 16:00:00	08-Aug-12 17:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.49	
08-Aug-12 17:00:00	08-Aug-12 18:00:00	0.00	0.00	0.00	0.00	5.35	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.44	
08-Aug-12 18:00:00	08-Aug-12 19:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.43	
08-Aug-12 19:00:00	08-Aug-12 20:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.49	
08-Aug-12 20:00:00	08-Aug-12 21:00:00	0.00	0.00	0.00	0.00	5.66	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.55	
08-Aug-12 21:00:00	08-Aug-12 22:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	
10-Aug-12 01:00:00	10-Aug-12 02:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	10-Aug-12 01:00:00	0.23	10.35	18.92	83.84	88.82
10-Aug-12 02:00:00	10-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	10-Aug-12 02:00:00	0.23	10.35	18.92	83.84	88.80
10-Aug-12 03:00:00	10-Aug-12 04:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	10-Aug-12 03:00:00	0.23	10.35	18.92	83.84	88.79
10-Aug-12 04:00:00	10-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	10-Aug-12 04:00:00	0.23	10.35	18.92	83.84	88.78
10-Aug-12 05:00:00	10-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	10-Aug-12 05:00:00	0.23	10.35	18.92	83.84	88.75
10-Aug-12 06:00:00	10-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	10-Aug-12 06:00:00	0.23	10.35	18.92	83.84	88.76
10-Aug-12 07:00:00	10-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	10-Aug-12 07:00:00	0.23	10.35	18.92	83.84	88.76
10-Aug-12 08:00:00	10-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	10-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.77
10-Aug-12 09:00:00	10-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	10-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.73
10-Aug-12 10:00:00	10-Aug-12 11:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	10-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.67
10-Aug-12 11:00:00	10-Aug-12 12:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	10-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.62
10-Aug-12 12:00:00	10-Aug-12 13:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	10-Aug-12 12:00:00	0.23	10.35	18.92	83.84	88.56
10-Aug-12 13:00:00	10-Aug-12 14:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	10-Aug-12 13:00:00	0.23	10.35	18.92	83.84	88.51
10-Aug-12 14:00:00	10-Aug-12 15:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	10-Aug-12 14:00:00	0.23	10.35	18.92	83.84	88.48
10-Aug-12 15:00:00	10-Aug-12 16:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	10-Aug-12 15:00:00	0.23	10.35	18.92	83.84	88.45
10-Aug-12 16:00:00	10-Aug-12 17:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	10-Aug-12 16:00:00	0.23	10.35	18.92	83.84	88.42
10-Aug-12 17:00:00	10-Aug-12 18:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	10-Aug-12 17:00:00	0.23	10.35	18.92	83.84	88.40
10-Aug-12 18:00:00	10-Aug-12 19:00:00	0.00	0.00	0.00	0.00	5.19	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	10-Aug-12 18:00:00	0.23	10.35	18.92	83.84	88.39
10-Aug-12 19:00:00	10-Aug-12 20:00:00	0.00	0.00	0.00	0.00	5.17	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	10-Aug-12 19:00:00	0.23	10.35	18.92	83.84	88.39
10-Aug-12 20:00:00	10-Aug-12 21:00:00	0.00	0.00	0.00	0.00	5.16	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	10-Aug-12 20:00:00	0.23	10.35	18.92	83.84	88.38
10-Aug-12 21:00:00	10-Aug-12 22:00:00	0.00	0.00	0.00	0.00	5.18	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	10-Aug-12 21:00:00	0.23	10.35	18.92	83.84	88.39
10-Aug-12 22:00:00	10-Aug-12 23:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	10-Aug-12 22:00:00	0.23	10.35	18.92	83.84	88.42
10-Aug-12 23:00:00	11-Aug-12 00:00:00	0.00	0.00	0.00	0.00	5.38	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	10-Aug-12 23:00:00	0.23	10.35	18.92	83.84	88.45
11-Aug-12 00:00:00	11-Aug-12 01:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	11-Aug-12 00:00:00	0.23	10.35	18.92	83.84	88.49
11-Aug-12 01:00:00	11-Aug-12 02:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	11-Aug-12 01:00:00	0.23	10.35	18.92	83.84	88.56
11-Aug-12 02:00:00	11-Aug-12 03:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Aug-12 02:00:00	0.23	10.35	18.92	83.84	88.58
11-Aug-12 03:00:00	11-Aug-12 04:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Aug-12 03:00:00	0.23	10.35	18.92	83.84	88.58
11-Aug-12 04:00:00	11-Aug-12 05:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Aug-12 04:00:00	0.23	10.35	18.92	83.84	88.58
11-Aug-12 05:00:00	11-Aug-12 06:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	11-Aug-12 05:00:00	0.23	10.35	18.92	83.84	88.59
11-Aug-12 06:00:00	11-Aug-12 07:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	11-Aug-12 06:00:00	0.23	10.35	18.92	83.84	88.59
11-Aug-12 07:00:00	11-Aug-12 08:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	11-Aug-12 07:00:00	0.23	10.35	18.92	83.84	88.59
11-Aug-12 08:00:00	11-Aug-12 09:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	11-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.59
11-Aug-12 09:00:00	11-Aug-12 10:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.58
11-Aug-12 10:00:00	11-Aug-12 11:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	11-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.55
11-Aug-12 11:00:00	11-Aug-12 12:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	11-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.53
11-Aug-12 12:00:00	11-Aug-12 13:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	11-Aug-12 12:00:00	0.23	10.35	18.92	83.84	88.50
11-Aug-12 13:00:00	11-Aug-12 14:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	11-Aug-12 13:00:00	0.23	10.35	18.92	83.84	88.51
11-Aug-12 14:00:00	11-Aug-12 15:00:00	0.00	0.00	0.00	0.00	5.46	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	11-Aug-12 14:00:00	0.23	10.35	18.92	83.84	88.48
11-Aug-12 15:00:00	11-Aug-12 16:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	11-Aug-12 15:00:00	0.23	10.35	18.92	83.84	88.45
11-Aug-12 16:00:00	11-Aug-12 17:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	11-Aug-12 16:00:00	0.23	10.35	18.92	83.84	88.42
11-Aug-12 17:00:00	11-Aug-12 18:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	11-Aug-12 17:00:00	0.23	10.35	18.92	83.84	88.43
11-Aug-12 18:00:00	11-Aug-12 19:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
Start Time	End Time	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Start Time	RB1 / Swing Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1		FUTC2	lb/hr	lb/hr	lb/hr	lb/hr
gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
13-Aug-12 01:00:00	13-Aug-12 02:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	13-Aug-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 02:00:00	13-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	13-Aug-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 03:00:00	13-Aug-12 04:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	13-Aug-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 04:00:00	13-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	13-Aug-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 05:00:00	13-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	13-Aug-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 06:00:00	13-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	13-Aug-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 07:00:00	13-Aug-12 08:00:00	0.00	4.14	0.00	0.00	6.36	2.1	329.7	0.00	1.37	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	13-Aug-12 07:00:00	0.23	11.72	18.92	83.84	86.68	0.23	11.72	18.92	83.84	86.68
13-Aug-12 08:00:00	13-Aug-12 09:00:00	0.00	4.98	0.00	0.00	6.36	2.1	329.7	0.00	1.64	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	13-Aug-12 08:00:00	0.23	11.99	18.92	83.84	86.68	0.23	11.99	18.92	83.84	86.68
13-Aug-12 09:00:00	13-Aug-12 10:00:00	0.00	2.37	0.00	0.00	6.23	2.1	329.7	0.00	0.78	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	13-Aug-12 09:00:00	0.23	11.13	18.92	83.84	86.68	0.23	11.13	18.92	83.84	86.68
13-Aug-12 10:00:00	13-Aug-12 11:00:00	0.00	0.13	0.00	0.00	5.91	2.1	329.7	0.00	0.04	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	13-Aug-12 10:00:00	0.23	10.39	18.92	83.84	86.68	0.23	10.39	18.92	83.84	86.68
13-Aug-12 11:00:00	13-Aug-12 12:00:00	0.00	0.25	0.00	0.00	5.59	2.1	329.7	0.00	0.08	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	13-Aug-12 11:00:00	0.23	10.43	18.92	83.84	86.68	0.23	10.43	18.92	83.84	86.68
13-Aug-12 12:00:00	13-Aug-12 13:00:00	0.00	0.73	0.00	0.00	5.27	2.1	329.7	0.00	0.24	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	13-Aug-12 12:00:00	0.23	10.59	18.92	83.84	86.68	0.23	10.59	18.92	83.84	86.68
13-Aug-12 13:00:00	13-Aug-12 14:00:00	0.00	0.50	0.00	0.00	5.15	2.1	329.7	0.00	0.16	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	13-Aug-12 13:00:00	0.23	10.51	18.92	83.84	86.68	0.23	10.51	18.92	83.84	86.68
13-Aug-12 14:00:00	13-Aug-12 15:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	13-Aug-12 14:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 15:00:00	13-Aug-12 16:00:00	0.00	0.00	0.00	0.00	4.88	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	13-Aug-12 15:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 16:00:00	13-Aug-12 17:00:00	0.00	0.00	0.00	0.00	4.73	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	13-Aug-12 16:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 17:00:00	13-Aug-12 18:00:00	0.00	0.00	0.00	0.00	4.73	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	13-Aug-12 17:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 18:00:00	13-Aug-12 19:00:00	0.00	0.00	0.00	0.00	4.96	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	13-Aug-12 18:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 19:00:00	13-Aug-12 20:00:00	0.00	0.00	0.00	0.00	5.20	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	13-Aug-12 19:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 20:00:00	13-Aug-12 21:00:00	0.00	0.00	0.00	0.00	5.44	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	13-Aug-12 20:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 21:00:00	13-Aug-12 22:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	13-Aug-12 21:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
13-Aug-12 22:00:00	13-Aug-12 23:00:00	0.00	1.28	0.00	0.00	5.82	2.1	329.7	0.00	0.42	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	13-Aug-12 22:00:00	0.23	10.77	18.92	83.84	86.68	0.23	10.77	18.92	83.84	86.68
13-Aug-12 23:00:00	14-Aug-12 00:00:00	0.00	2.00	0.00	0.00	5.99	2.1	329.7	0.00	0.66	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	13-Aug-12 23:00:00	0.23	11.01	18.92	83.84	86.68	0.23	11.01	18.92	83.84	86.68
14-Aug-12 00:00:00	14-Aug-12 01:00:00	0.00	1.86	0.00	0.00	6.17	2.1	329.7	0.00	0.61	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	14-Aug-12 00:00:00	0.23	10.96	18.92	83.84	86.68	0.23	10.96	18.92	83.84	86.68
14-Aug-12 01:00:00	14-Aug-12 02:00:00	0.00	1.18	0.00	0.00	6.29	2.1	329.7	0.00	0.39	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	14-Aug-12 01:00:00	0.23	10.74	18.92	83.84	86.68	0.23	10.74	18.92	83.84	86.68
14-Aug-12 02:00:00	14-Aug-12 03:00:00	0.00	0.50	0.00	0.00	6.30	2.1	329.7	0.00	0.17	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	14-Aug-12 02:00:00	0.23	10.52	18.92	83.84	86.68	0.23	10.52	18.92	83.84	86.68
14-Aug-12 03:00:00	14-Aug-12 04:00:00	0.00	0.73	0.00	0.00	6.32	2.1	329.7	0.00	0.24	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	14-Aug-12 03:00:00	0.23	10.59	18.92	83.84	86.68	0.23	10.59	18.92	83.84	86.68
14-Aug-12 04:00:00	14-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	14-Aug-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
14-Aug-12 05:00:00	14-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	14-Aug-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
14-Aug-12 06:00:00	14-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	14-Aug-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
14-Aug-12 07:00:00	14-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	14-Aug-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
14-Aug-12 08:00:00	14-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	14-Aug-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
14-Aug-12 09:00:00	14-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	14-Aug-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
14-Aug-12 10:00:00	14-Aug-12 11:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	14-Aug-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68
14-Aug-12 11:00:00	14-Aug-12 12:00:00	0.00	1.41	0.00	0.00	5.76	2.1	329.7	0.00	0.46	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	14-Aug-12 11:00:00	0.23	10.81	18.92	83.84	86.68	0.23	1			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2					
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTSB	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
16-Aug-12 01:00:00	16-Aug-12 02:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	16-Aug-12 01:00:00	0.23	10.35	18.92	83.84	86.68				
16-Aug-12 02:00:00	16-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	16-Aug-12 02:00:00	0.23	10.35	18.92	83.84	86.68				
16-Aug-12 03:00:00	16-Aug-12 04:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	16-Aug-12 03:00:00	0.23	10.35	18.92	83.84	86.68				
16-Aug-12 04:00:00	16-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	16-Aug-12 04:00:00	0.23	10.35	18.92	83.84	86.68				
16-Aug-12 05:00:00	16-Aug-12 06:00:00	0.00	7.22	0.00	0.00	6.28	2.1	329.7	0.00	2.38	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	16-Aug-12 05:00:00	0.23	12.73	18.92	83.84	86.75				
16-Aug-12 06:00:00	16-Aug-12 07:00:00	0.00	0.87	0.00	0.00	6.31	2.1	329.7	0.00	0.29	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	16-Aug-12 06:00:00	0.23	10.64	18.92	83.84	86.76				
16-Aug-12 07:00:00	16-Aug-12 08:00:00	0.00	0.62	0.00	0.00	6.34	2.1	329.7	0.00	0.20	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	16-Aug-12 07:00:00	0.23	10.55	18.92	83.84	86.77				
16-Aug-12 08:00:00	16-Aug-12 09:00:00	0.00	0.37	0.00	0.00	6.36	2.1	329.7	0.00	0.12	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	16-Aug-12 08:00:00	0.23	10.47	18.92	83.84	86.78				
16-Aug-12 09:00:00	16-Aug-12 10:00:00	0.00	0.11	0.00	0.00	6.24	2.1	329.7	0.00	0.04	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	16-Aug-12 09:00:00	0.23	10.39	18.92	83.84	86.74				
16-Aug-12 10:00:00	16-Aug-12 11:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	16-Aug-12 10:00:00	0.23	10.35	18.92	83.84	86.65				
16-Aug-12 11:00:00	16-Aug-12 12:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	16-Aug-12 11:00:00	0.23	10.35	18.92	83.84	86.56				
16-Aug-12 12:00:00	16-Aug-12 13:00:00	0.00	0.35	0.00	0.00	5.45	2.1	329.7	0.00	0.12	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	16-Aug-12 12:00:00	0.23	10.47	18.92	83.84	86.48				
16-Aug-12 13:00:00	16-Aug-12 14:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	16-Aug-12 13:00:00	0.23	10.35	18.92	83.84	86.42				
16-Aug-12 14:00:00	16-Aug-12 15:00:00	0.00	2.24	0.00	0.00	5.11	2.1	329.7	0.00	0.74	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	16-Aug-12 14:00:00	0.23	11.09	18.92	83.84	86.36				
16-Aug-12 15:00:00	16-Aug-12 16:00:00	0.00	6.62	0.00	0.00	4.93	2.1	329.7	0.00	2.18	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	16-Aug-12 15:00:00	0.23	12.53	18.92	83.84	86.31				
16-Aug-12 16:00:00	16-Aug-12 17:00:00	0.00	3.26	0.00	0.00	4.75	2.1	329.7	0.00	1.08	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	16-Aug-12 16:00:00	0.23	11.43	18.92	83.84	86.25				
16-Aug-12 17:00:00	16-Aug-12 18:00:00	0.00	0.72	0.00	0.00	4.85	2.1	329.7	0.00	0.24	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	16-Aug-12 17:00:00	0.23	10.59	18.92	83.84	86.28				
16-Aug-12 18:00:00	16-Aug-12 19:00:00	0.00	1.74	0.00	0.00	5.05	2.1	329.7	0.00	0.58	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	16-Aug-12 18:00:00	0.23	10.93	18.92	83.84	86.35				
16-Aug-12 19:00:00	16-Aug-12 20:00:00	0.00	0.66	0.00	0.00	5.23	2.1	329.7	0.00	0.22	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	16-Aug-12 19:00:00	0.23	10.57	18.92	83.84	86.41				
16-Aug-12 20:00:00	16-Aug-12 21:00:00	0.00	0.63	0.00	0.00	5.41	2.1	329.7	0.00	0.21	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	16-Aug-12 20:00:00	0.23	10.56	18.92	83.84	86.46				
16-Aug-12 21:00:00	16-Aug-12 22:00:00	0.00	1.39	0.00	0.00	5.65	2.1	329.7	0.00	0.46	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	16-Aug-12 21:00:00	0.23	10.81	18.92	83.84	86.54				
16-Aug-12 22:00:00	16-Aug-12 23:00:00	0.00	0.94	0.00	0.00	5.85	2.1	329.7	0.00	0.31	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	16-Aug-12 22:00:00	0.23	10.66	18.92	83.84	86.61				
16-Aug-12 23:00:00	17-Aug-12 00:00:00	0.00	0.57	0.00	0.00	6.03	2.1	329.7	0.00	0.19	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	16-Aug-12 23:00:00	0.23	10.54	18.92	83.84	86.67				
17-Aug-12 00:00:00	17-Aug-12 01:00:00	0.00	0.21	0.00	0.00	6.22	2.1	329.7	0.00	0.07	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	17-Aug-12 00:00:00	0.23	10.42	18.92	83.84	86.73				
17-Aug-12 01:00:00	17-Aug-12 02:00:00	0.00	0.17	0.00	0.00	6.36	2.1	329.7	0.00	0.06	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	17-Aug-12 01:00:00	0.23	10.41	18.92	83.84	86.78				
17-Aug-12 02:00:00	17-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	17-Aug-12 02:00:00	0.23	10.35	18.92	83.84	86.80				
17-Aug-12 03:00:00	17-Aug-12 04:00:00	0.00	0.50	0.00	0.00	6.49	2.1	329.7	0.00	0.16	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	17-Aug-12 03:00:00	0.23	10.51	18.92	83.84	86.82				
17-Aug-12 04:00:00	17-Aug-12 05:00:00	0.00	0.35	0.00	0.00	6.55	2.1	329.7	0.00	0.12	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	17-Aug-12 04:00:00	0.23	10.47	18.92	83.84	86.84				
17-Aug-12 05:00:00	17-Aug-12 06:00:00	0.00	0.52	0.00	0.00	6.53	2.1	329.7	0.00	0.17	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	17-Aug-12 05:00:00	0.23	10.52	18.92	83.84	86.83				
17-Aug-12 06:00:00	17-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	17-Aug-12 06:00:00	0.23	10.35	18.92	83.84	86.82				
17-Aug-12 07:00:00	17-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	17-Aug-12 07:00:00	0.23	10.35	18.92	83.84	86.80				
17-Aug-12 08:00:00	17-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	17-Aug-12 08:00:00	0.23	10.35	18.92	83.84	86.78				
17-Aug-12 09:00:00	17-Aug-12 10:00:00	0.00	0.02	0.00	0.00	6.26	2.1	329.7	0.00	0.01	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	17-Aug-12 09:00:00	0.23	10.36	18.92	83.84	86.74				
17-Aug-12 10:00:00	17-Aug-12 11:00:00	0.00	1.18	0.00	0.00	5.98	2.1	329.7	0.00	0.39	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	17-Aug-12 10:00:00	0.23	10.74	18.92	83.84	86.65				
17-Aug-12 11:00:00	17-Aug-12 12:00:00	0.00	0.48	0.00	0.00	5.68	2.1	329.7	0.00	0.16	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	17-Aug-12 11:00:00	0.23	10.51	18.92	83.84	86.55				
17-Aug-12 12:00:00	17-Aug-12 13:00:00	0.00	1.34	0.00	0.00	5.39	2.1	329.7	0.00	0.44	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	17-Aug-12 12:00:00	0.23	10.79	18.92	83.84	86.46				
17-Aug-12 13:00:00	17-Aug-12 14:00:00	0.00	1.43	0.00	0.00	5.25	2.1	329.7	0.00	0.47	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	17-Aug-12 13:00:00	0.23	10.82	18.92	83.84	86.41				
17-Aug-12 14:00:00	17-Aug-12 15:00:00	0.00	0.32	0.00	0.00	5.24	2.1	329.7	0.00	0.11	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	17-Aug-12 14:00:00	0.23	10.46	18.92	83.84	86.41				
17-Aug-12 15:00:00	17-Aug-12 16:00:00	0.00	2.49	0.00	0.00	5.23	2.1	329.7	0.00	0.82	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	17-Aug-12 15:00:00	0.23	11.17	18.92	83.84	86.40				
17-Aug-12 16:00:00	17-Aug-12 17:00:00	0.00	2.27	0.00	0.00	5.22	2.1	329.7	0.00	0.75	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	17-Aug-12 16:00:00	0.23	11.10	18.92	83.84	86.40				
17-Aug-12 17:00:00	17-Aug-12 18:00:00	0.00	2.06	0.00	0.20	5.31	2.1	329.7	0.00	0.68	0.00	0.07	1.75	0.23	10.35	18.92	83.84	86.68	17-Aug-12 17:00:00	0.23	11.03	18.92	83.91	86.43				
17-Aug-12 18:00:00	17-Aug-12 19:00:00	0.00	1.98	0.00	0.00	5.61	2.1	329.7	0.00	0.6																		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
19-Aug-12 01:00:00	19-Aug-12 02:00:00	0.00	1.22	0.00	0.00	6.41	2.1	329.7	0.00	0.40	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	19-Aug-12 01:00:00	0.23	10.75	18.92	83.84	88.79
19-Aug-12 02:00:00	19-Aug-12 03:00:00	0.00	0.28	0.00	0.00	6.45	2.1	329.7	0.00	0.09	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	19-Aug-12 02:00:00	0.23	10.44	18.92	83.84	88.81
19-Aug-12 03:00:00	19-Aug-12 04:00:00	0.00	0.39	0.00	0.00	6.45	2.1	329.7	0.00	0.13	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	19-Aug-12 03:00:00	0.23	10.48	18.92	83.84	88.81
19-Aug-12 04:00:00	19-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	19-Aug-12 04:00:00	0.23	10.35	18.92	83.84	88.81
19-Aug-12 05:00:00	19-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	19-Aug-12 05:00:00	0.23	10.35	18.92	83.84	88.84
19-Aug-12 06:00:00	19-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Aug-12 06:00:00	0.23	10.35	18.92	83.84	88.87
19-Aug-12 07:00:00	19-Aug-12 08:00:00	0.00	0.00	0.00	0.00	70.03	2.1	329.7	0.00	0.00	0.00	0.00	23.09	0.23	10.35	18.92	83.84	86.68	19-Aug-12 07:00:00	0.23	10.35	18.92	83.84	109.77
19-Aug-12 08:00:00	19-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	19-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.96
19-Aug-12 09:00:00	19-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	19-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.96
19-Aug-12 10:00:00	19-Aug-12 11:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	19-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.96
19-Aug-12 11:00:00	19-Aug-12 12:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	19-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.95
19-Aug-12 12:00:00	19-Aug-12 13:00:00	0.00	0.00	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	19-Aug-12 12:00:00	0.23	10.35	18.92	83.84	88.91
19-Aug-12 13:00:00	19-Aug-12 14:00:00	0.00	0.00	0.00	0.00	6.61	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Aug-12 13:00:00	0.23	10.35	18.92	83.84	88.86
19-Aug-12 14:00:00	19-Aug-12 15:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	19-Aug-12 14:00:00	0.23	10.35	18.92	83.84	88.81
19-Aug-12 15:00:00	19-Aug-12 16:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	19-Aug-12 15:00:00	0.23	10.35	18.92	83.84	88.77
19-Aug-12 16:00:00	19-Aug-12 17:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	19-Aug-12 16:00:00	0.23	10.35	18.92	83.84	88.73
19-Aug-12 17:00:00	19-Aug-12 18:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	19-Aug-12 17:00:00	0.23	10.35	18.92	83.84	88.68
19-Aug-12 18:00:00	19-Aug-12 19:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	19-Aug-12 18:00:00	0.23	10.35	18.92	83.84	88.63
19-Aug-12 19:00:00	19-Aug-12 20:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	19-Aug-12 19:00:00	0.23	10.35	18.92	83.84	88.60
19-Aug-12 20:00:00	19-Aug-12 21:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	19-Aug-12 20:00:00	0.23	10.35	18.92	83.84	88.63
19-Aug-12 21:00:00	19-Aug-12 22:00:00	0.00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	19-Aug-12 21:00:00	0.23	10.35	18.92	83.84	88.68
19-Aug-12 22:00:00	19-Aug-12 23:00:00	0.00	0.00	0.00	0.00	6.18	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	19-Aug-12 22:00:00	0.23	10.35	18.92	83.84	88.72
19-Aug-12 23:00:00	20-Aug-12 00:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	19-Aug-12 23:00:00	0.23	10.35	18.92	83.84	88.76
20-Aug-12 00:00:00	20-Aug-12 01:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	20-Aug-12 00:00:00	0.23	10.35	18.92	83.84	88.80
20-Aug-12 01:00:00	20-Aug-12 02:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	20-Aug-12 01:00:00	0.23	10.35	18.92	83.84	88.84
20-Aug-12 02:00:00	20-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	20-Aug-12 02:00:00	0.23	10.35	18.92	83.84	88.88
20-Aug-12 03:00:00	20-Aug-12 04:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	20-Aug-12 03:00:00	0.23	10.35	18.92	83.84	88.93
20-Aug-12 04:00:00	20-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	20-Aug-12 04:00:00	0.23	10.35	18.92	83.84	88.93
20-Aug-12 05:00:00	20-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	20-Aug-12 05:00:00	0.23	10.35	18.92	83.84	88.90
20-Aug-12 06:00:00	20-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	20-Aug-12 06:00:00	0.23	10.35	18.92	83.84	88.88
20-Aug-12 07:00:00	20-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	20-Aug-12 07:00:00	0.23	10.35	18.92	83.84	88.84
20-Aug-12 08:00:00	20-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	20-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.79
20-Aug-12 09:00:00	20-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	20-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.75
20-Aug-12 10:00:00	20-Aug-12 11:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	20-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.72
20-Aug-12 11:00:00	20-Aug-12 12:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	20-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.69
20-Aug-12 12:00:00	20-Aug-12 13:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	20-Aug-12 12:00:00	0.23	10.35	18.92	83.84	88.64
20-Aug-12 13:00:00	20-Aug-12 14:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	20-Aug-12 13:00:00	0.23	10.35	18.92	83.84	88.57
20-Aug-12 14:00:00	20-Aug-12 15:00:00	0.00	0.25	0.00	0.00	5.54	2.1	329.7	0.00	0.08	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	20-Aug-12 14:00:00	0.23	10.43	18.92	83.84	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
22-Aug-12 01:00:00	22-Aug-12 02:00:00	0.00	0.08	0.00	0.00	6.28	2.1	329.7	0.00	0.03	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	22-Aug-12 01:00:00	0.23	10.38	18.92	83.84	88.75					
22-Aug-12 02:00:00	22-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	22-Aug-12 02:00:00	0.23	10.35	18.92	83.84	88.76					
22-Aug-12 03:00:00	22-Aug-12 04:00:00	0.00	0.24	0.00	0.00	6.35	2.1	329.7	0.00	0.08	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	22-Aug-12 03:00:00	0.23	10.43	18.92	83.84	88.77					
22-Aug-12 04:00:00	22-Aug-12 05:00:00	0.00	0.74	0.00	0.00	6.39	2.1	329.7	0.00	0.24	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	22-Aug-12 04:00:00	0.23	10.59	18.92	83.84	88.79					
22-Aug-12 05:00:00	22-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	22-Aug-12 05:00:00	0.23	10.35	18.92	83.84	88.80					
22-Aug-12 06:00:00	22-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	22-Aug-12 06:00:00	0.23	10.35	18.92	83.84	88.82					
22-Aug-12 07:00:00	22-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	22-Aug-12 07:00:00	0.23	10.35	18.92	83.84	88.80					
22-Aug-12 08:00:00	22-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	22-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.73					
22-Aug-12 09:00:00	22-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.08	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	22-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.69					
22-Aug-12 10:00:00	22-Aug-12 11:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	22-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.64					
22-Aug-12 11:00:00	22-Aug-12 12:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	22-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.59					
22-Aug-12 12:00:00	22-Aug-12 13:00:00	0.00	0.10	0.00	0.00	5.67	2.1	329.7	0.00	0.03	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	22-Aug-12 12:00:00	0.23	10.38	18.92	83.84	88.55					
22-Aug-12 13:00:00	22-Aug-12 14:00:00	0.00	1.06	0.00	0.00	5.53	2.1	329.7	0.00	0.35	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	22-Aug-12 13:00:00	0.23	10.70	18.92	83.84	88.50					
22-Aug-12 14:00:00	22-Aug-12 15:00:00	0.00	0.00	0.00	0.00	5.38	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	22-Aug-12 14:00:00	0.23	10.35	18.92	83.84	88.45					
22-Aug-12 15:00:00	22-Aug-12 16:00:00	0.00	0.00	0.00	0.00	5.35	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	22-Aug-12 15:00:00	0.23	10.35	18.92	83.84	88.44					
22-Aug-12 16:00:00	22-Aug-12 17:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	22-Aug-12 16:00:00	0.23	10.35	18.92	83.84	88.48					
22-Aug-12 17:00:00	22-Aug-12 18:00:00	0.00	0.00	0.00	0.00	5.55	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	22-Aug-12 17:00:00	0.23	10.35	18.92	83.84	88.51					
22-Aug-12 18:00:00	22-Aug-12 19:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	22-Aug-12 18:00:00	0.23	10.35	18.92	83.84	88.54					
22-Aug-12 19:00:00	22-Aug-12 20:00:00	0.01	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	22-Aug-12 19:00:00	0.23	10.35	18.92	83.84	88.58					
22-Aug-12 20:00:00	22-Aug-12 21:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	22-Aug-12 20:00:00	0.23	10.35	18.92	83.84	88.63					
22-Aug-12 21:00:00	22-Aug-12 22:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	22-Aug-12 21:00:00	0.23	10.35	18.92	83.84	88.67					
22-Aug-12 22:00:00	22-Aug-12 23:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	22-Aug-12 22:00:00	0.23	10.35	18.92	83.84	88.72					
22-Aug-12 23:00:00	23-Aug-12 00:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	22-Aug-12 23:00:00	0.23	10.35	18.92	83.84	88.76					
23-Aug-12 00:00:00	23-Aug-12 01:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	23-Aug-12 00:00:00	0.23	10.35	18.92	83.84	88.77					
23-Aug-12 01:00:00	23-Aug-12 02:00:00	0.00	0.01	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	23-Aug-12 01:00:00	0.23	10.35	18.92	83.84	88.77					
23-Aug-12 02:00:00	23-Aug-12 03:00:00	0.00	0.33	0.00	0.00	6.34	2.1	329.7	0.00	0.11	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	23-Aug-12 02:00:00	0.23	10.46	18.92	83.84	88.77					
23-Aug-12 03:00:00	23-Aug-12 04:00:00	0.00	0.84	0.00	0.00	6.39	2.1	329.7	0.00	0.28	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	23-Aug-12 03:00:00	0.23	10.63	18.92	83.84	88.79					
23-Aug-12 04:00:00	23-Aug-12 05:00:00	0.00	1.36	0.00	0.00	6.52	2.1	329.7	0.00	0.45	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	23-Aug-12 04:00:00	0.23	10.80	18.92	83.84	88.83					
23-Aug-12 05:00:00	23-Aug-12 06:00:00	0.00	1.24	0.00	0.00	6.65	2.1	329.7	0.00	0.41	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	23-Aug-12 05:00:00	0.23	10.76	18.92	83.84	88.87					
23-Aug-12 06:00:00	23-Aug-12 07:00:00	0.00	0.84	0.00	0.00	6.78	2.1	329.7	0.00	0.28	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	23-Aug-12 06:00:00	0.23	10.63	18.92	83.84	88.92					
23-Aug-12 07:00:00	23-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	23-Aug-12 07:00:00	0.23	10.35	18.92	83.84	88.95					
23-Aug-12 08:00:00	23-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	23-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.89					
23-Aug-12 09:00:00	23-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	23-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.82					
23-Aug-12 10:00:00	23-Aug-12 11:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	23-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.75					
23-Aug-12 11:00:00	23-Aug-12 12:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	23-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.71					
23-Aug-12 12:00:00	23-Aug-12 13:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	23-Aug-12 12:00:00	0.23	10.35	18.92	83.84	88.66					
23-Aug-12 13:00:00	23-Aug-12 14:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	23-Aug-12 13:00:00	0.23	10.35	18.92	83.84	88.57					
23-Aug-12 14:00:00	23-Aug-12 15:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	23-Aug-12 14:00:00	0.23	10.35	18.92	83.84	88.49					
23-Aug-12 15:00:00	23-Aug-12 16:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	23-Aug-12 15:00:00	0.23	10.35	18.92	83.84	88.43					
23-Aug-12 16:00:00	23-Aug-12 17:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	23-Aug-12 16:00:00	0.23	10.35	18.92	83.84	88.46					
23-Aug-12 17:00:00	23-Aug-12 18:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	23-Aug-12 17:00:00	0.23	10.35	18.92	83.84	88.49					
23-Aug-12 18:00:00	23-Aug-12 19:00:00	0.00	0																										

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)										
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
Start Time	End Time	gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
25-Aug-12 01:00:00	25-Aug-12 02:00:00	0.00	1.10	0.00	0.00	6.72	2.1	329.7	0.00	0.36	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	25-Aug-12 01:00:00	0.23	10.71	18.92	83.84	88.89				
25-Aug-12 02:00:00	25-Aug-12 03:00:00	0.00	0.33	0.00	0.00	6.80	2.1	329.7	0.00	0.11	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	25-Aug-12 02:00:00	0.23	10.46	18.92	83.84	88.92				
25-Aug-12 03:00:00	25-Aug-12 04:00:00	0.00	0.22	0.00	0.00	6.84	2.1	329.7	0.00	0.07	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	25-Aug-12 03:00:00	0.23	10.42	18.92	83.84	88.93				
25-Aug-12 04:00:00	25-Aug-12 05:00:00	0.00	0.12	0.00	0.00	6.84	2.1	329.7	0.00	0.04	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	25-Aug-12 04:00:00	0.23	10.39	18.92	83.84	88.94				
25-Aug-12 05:00:00	25-Aug-12 06:00:00	0.00	0.02	0.00	0.00	6.89	2.1	329.7	0.00	0.01	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	25-Aug-12 05:00:00	0.23	10.36	18.92	83.84	88.95				
25-Aug-12 06:00:00	25-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	25-Aug-12 06:00:00	0.23	10.35	18.92	83.84	88.97				
25-Aug-12 07:00:00	25-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	25-Aug-12 07:00:00	0.23	10.35	18.92	83.84	88.95				
25-Aug-12 08:00:00	25-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	25-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.85				
25-Aug-12 09:00:00	25-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	25-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.74				
25-Aug-12 10:00:00	25-Aug-12 11:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	25-Aug-12 10:00:00	0.23	10.35	18.92	83.84	88.64				
25-Aug-12 11:00:00	25-Aug-12 12:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	25-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.57				
25-Aug-12 12:00:00	25-Aug-12 13:00:00	0.00	0.10	0.00	0.00	5.63	2.1	329.7	0.00	0.03	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	25-Aug-12 12:00:00	0.23	10.38	18.92	83.84	88.53				
25-Aug-12 13:00:00	25-Aug-12 14:00:00	0.00	0.15	0.00	0.00	5.47	2.1	329.7	0.00	0.38	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	25-Aug-12 13:00:00	0.23	10.73	18.92	83.84	88.48				
25-Aug-12 14:00:00	25-Aug-12 15:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	25-Aug-12 14:00:00	0.23	10.35	18.92	83.84	88.43				
25-Aug-12 15:00:00	25-Aug-12 16:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	25-Aug-12 15:00:00	0.23	10.35	18.92	83.84	88.40				
25-Aug-12 16:00:00	25-Aug-12 17:00:00	0.00	0.00	0.00	0.00	5.34	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	25-Aug-12 16:00:00	0.23	10.35	18.92	83.84	88.44				
25-Aug-12 17:00:00	25-Aug-12 18:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	25-Aug-12 17:00:00	0.23	10.35	18.92	83.84	88.49				
25-Aug-12 18:00:00	25-Aug-12 19:00:00	0.00	0.00	0.00	0.00	5.63	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	25-Aug-12 18:00:00	0.23	10.35	18.92	83.84	88.54				
25-Aug-12 19:00:00	25-Aug-12 20:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	25-Aug-12 19:00:00	0.23	10.35	18.92	83.84	88.58				
25-Aug-12 20:00:00	25-Aug-12 21:00:00	0.00	0.08	0.00	0.00	5.94	2.1	329.7	0.00	0.03	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	25-Aug-12 20:00:00	0.23	10.38	18.92	83.84	88.64				
25-Aug-12 21:00:00	25-Aug-12 22:00:00	0.17	0.67	0.00	0.00	6.15	2.1	329.7	0.06	0.22	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	25-Aug-12 21:00:00	0.29	10.57	18.92	83.84	88.71				
25-Aug-12 22:00:00	25-Aug-12 23:00:00	0.00	0.70	0.00	0.00	6.79	2.1	329.7	0.00	0.23	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	25-Aug-12 22:00:00	0.23	10.58	18.92	83.84	88.92				
25-Aug-12 23:00:00	26-Aug-12 00:00:00	0.00	0.47	0.00	0.00	6.53	2.1	329.7	0.00	0.15	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	25-Aug-12 23:00:00	0.23	10.50	18.92	83.84	88.83				
26-Aug-12 00:00:00	26-Aug-12 01:00:00	0.00	0.23	0.00	0.00	6.55	2.1	329.7	0.00	0.08	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	26-Aug-12 00:00:00	0.23	10.43	18.92	83.84	88.84				
26-Aug-12 01:00:00	26-Aug-12 02:00:00	0.00	0.03	0.00	0.00	6.56	2.1	329.7	0.00	0.01	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	26-Aug-12 01:00:00	0.23	10.36	18.92	83.84	88.84				
26-Aug-12 02:00:00	26-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	26-Aug-12 02:00:00	0.23	10.35	18.92	83.84	88.85				
26-Aug-12 03:00:00	26-Aug-12 04:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	26-Aug-12 03:00:00	0.23	10.35	18.92	83.84	88.87				
26-Aug-12 04:00:00	26-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	26-Aug-12 04:00:00	0.23	10.35	18.92	83.84	88.90				
26-Aug-12 05:00:00	26-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.83	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	26-Aug-12 05:00:00	0.23	10.35	18.92	83.84	88.93				
26-Aug-12 06:00:00	26-Aug-12 07:00:00	0.00	0.20	0.00	0.00	6.83	2.1	329.7	0.00	0.07	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	26-Aug-12 06:00:00	0.23	10.42	18.92	83.84	88.93				
26-Aug-12 07:00:00	26-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.66	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	26-Aug-12 07:00:00	0.23	10.35	18.92	83.84	88.88				
26-Aug-12 08:00:00	26-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	26-Aug-12 08:00:00	0.23	10.35	18.92	83.84	88.83				
26-Aug-12 09:00:00	26-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	26-Aug-12 09:00:00	0.23	10.35	18.92	83.84	88.78				
26-Aug-12 10:00:00	26-Aug-12 11:00:00	0.00	0.08	0.00	0.00	6.26	2.1	329.7	0.00	0.02	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	26-Aug-12 10:00:00	0.23	10.37	18.92	83.84	88.74				
26-Aug-12 11:00:00	26-Aug-12 12:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	26-Aug-12 11:00:00	0.23	10.35	18.92	83.84	88.67				
26-Aug-12 12:00:00	26-Aug-12 13:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	26-Aug-12 12:00:00	0.23	10.35	18.92	83.84	88.57				
26-Aug-12 13:00:00	26-Aug-12 14:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	26-Aug-12 13:00:00	0.23	10.35	18.92	83.84	88.48				
26-Aug-12 14:00:00	26-Aug-12 15:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	26-Aug-12 14:00:00	0.23	10.35	18.92	83.84	88.41				
26-Aug-12 15:00:00	26-Aug-12 16:00:00	0.00	8.17	0.00	0.00	5.24	2.1	329.7	0.00	2.69	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	26-Aug-12 15:00:00	0.23	13.04	18.92	83.84	88.41				
26-Aug-12 16:00:00	26-Aug-12 17:00:00	0.00	12.06	0.00	0.00	5.26	2.1	329.7	0.00	3.98	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	26-Aug-12 16:00:00	0.23	14.33	18.92	83.84	88.41				
26-Aug-12 17:00:00	26-Aug-12 18:00:00	0.00	9.65	0.00	0.00	5.28	2.1	329.7	0.00	3.18	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	26-Aug-12 17:00:00	0.23	13.53	18.92	83.84	88.42				
26-Aug-12 18:00:00	26-Aug-12 19:00:00	0.00	9.																									

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)												
Start Time	End Time	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2		
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
28-Aug-12 01:00:00	28-Aug-12 02:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Aug-12 01:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 02:00:00	28-Aug-12 03:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Aug-12 02:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 03:00:00	28-Aug-12 04:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Aug-12 03:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 04:00:00	28-Aug-12 05:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Aug-12 04:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 05:00:00	28-Aug-12 06:00:00	0.00	0.00	0.00	0.00	6.14	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	28-Aug-12 05:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 06:00:00	28-Aug-12 07:00:00	0.00	0.00	0.00	0.00	6.08	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	28-Aug-12 06:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 07:00:00	28-Aug-12 08:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	28-Aug-12 07:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 08:00:00	28-Aug-12 09:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	28-Aug-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 09:00:00	28-Aug-12 10:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	28-Aug-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
28-Aug-12 10:00:00	28-Aug-12 11:00:00	0.00	0.21	0.00	0.00	5.79	2.1	329.7	0.00	0.07	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	28-Aug-12 10:00:00	0.23	10.42	18.92	83.84	86.68	0.23	10.42	18.92	83.84	86.68	
28-Aug-12 11:00:00	28-Aug-12 12:00:00	0.11	0.52	0.00	0.00	5.66	2.1	329.7	0.03	0.17	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	28-Aug-12 11:00:00	0.26	10.52	18.92	83.84	86.68	0.26	10.52	18.92	83.84	86.68	
28-Aug-12 12:00:00	28-Aug-12 13:00:00	0.13	0.82	0.00	0.00	5.51	2.1	329.7	0.04	0.27	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	28-Aug-12 12:00:00	0.27	10.62	18.92	83.84	86.68	0.27	10.62	18.92	83.84	86.68	
28-Aug-12 13:00:00	28-Aug-12 14:00:00	0.00	65.75	0.00	0.00	5.35	2.1	329.7	0.00	21.68	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	28-Aug-12 13:00:00	0.23	32.03	18.92	83.84	86.68	0.23	32.03	18.92	83.84	86.68	
28-Aug-12 14:00:00	28-Aug-12 15:00:00	0.00	690.59	0.00	0.00	5.25	2.1	329.7	0.00	227.69	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	28-Aug-12 14:00:00	0.23	238.04	18.92	83.84	86.68	0.23	238.04	18.92	83.84	86.68	
28-Aug-12 15:00:00	28-Aug-12 16:00:00	0.00	476.49	0.00	0.00	5.39	2.1	329.7	0.00	157.10	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	28-Aug-12 15:00:00	0.23	167.45	18.92	83.84	86.68	0.23	167.45	18.92	83.84	86.68	
28-Aug-12 16:00:00	28-Aug-12 17:00:00	0.00	699.20	0.00	0.00	5.56	2.1	329.7	0.00	230.53	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	28-Aug-12 16:00:00	0.23	240.88	18.92	83.84	86.68	0.23	240.88	18.92	83.84	86.68	
28-Aug-12 17:00:00	28-Aug-12 18:00:00	0.00	753.67	0.00	0.00	5.72	2.1	329.7	0.00	248.49	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	28-Aug-12 17:00:00	0.23	258.84	18.92	83.84	86.68	0.23	258.84	18.92	83.84	86.68	
28-Aug-12 18:00:00	28-Aug-12 19:00:00	0.00	1,122.26	0.00	0.00	5.75	2.1	329.7	0.00	370.01	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	28-Aug-12 18:00:00	0.23	380.36	18.92	83.84	86.68	0.23	380.36	18.92	83.84	86.68	
28-Aug-12 19:00:00	28-Aug-12 20:00:00	0.00	1,124.01	0.00	0.00	5.82	2.1	329.7	0.00	370.59	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	28-Aug-12 19:00:00	0.23	380.94	18.92	83.84	86.68	0.23	380.94	18.92	83.84	86.68	
28-Aug-12 20:00:00	28-Aug-12 21:00:00	0.00	1,121.86	0.00	0.00	6.01	2.1	329.7	0.00	369.88	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	28-Aug-12 20:00:00	0.23	380.23	18.92	83.84	86.68	0.23	380.23	18.92	83.84	86.68	
28-Aug-12 21:00:00	28-Aug-12 22:00:00	0.00	1,114.38	0.00	0.00	6.19	2.1	329.7	0.00	367.41	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	28-Aug-12 21:00:00	0.23	377.76	18.92	83.84	86.68	0.23	377.76	18.92	83.84	86.68	
28-Aug-12 22:00:00	28-Aug-12 23:00:00	0.00	1,103.15	0.00	0.00	6.38	2.1	329.7	0.00	363.71	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	28-Aug-12 22:00:00	0.23	374.06	18.92	83.84	86.68	0.23	374.06	18.92	83.84	86.68	
28-Aug-12 23:00:00	29-Aug-12 00:00:00	0.00	1,051.18	0.00	0.00	6.41	2.1	329.7	0.00	346.57	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	28-Aug-12 23:00:00	0.23	356.92	18.92	83.84	86.68	0.23	356.92	18.92	83.84	86.68	
29-Aug-12 00:00:00	29-Aug-12 01:00:00	0.00	1,120.26	0.00	0.00	6.39	2.1	329.7	0.00	369.35	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	29-Aug-12 00:00:00	0.23	379.70	18.92	83.84	86.68	0.23	379.70	18.92	83.84	86.68	
29-Aug-12 01:00:00	29-Aug-12 02:00:00	0.00	1,122.91	0.00	0.00	6.38	2.1	329.7	0.00	370.22	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	29-Aug-12 01:00:00	0.23	380.57	18.92	83.84	86.68	0.23	380.57	18.92	83.84	86.68	
29-Aug-12 02:00:00	29-Aug-12 03:00:00	0.00	1,123.87	0.00	0.00	6.33	2.1	329.7	0.00	370.54	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	29-Aug-12 02:00:00	0.23	380.89	18.92	83.84	86.68	0.23	380.89	18.92	83.84	86.68	
29-Aug-12 03:00:00	29-Aug-12 04:00:00	0.00	1,118.13	0.00	0.00	6.28	2.1	329.7	0.00	368.65	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	29-Aug-12 03:00:00	0.23	379.00	18.92	83.84	86.68	0.23	379.00	18.92	83.84	86.68	
29-Aug-12 04:00:00	29-Aug-12 05:00:00	0.00	1,123.10	0.00	0.00	6.26	2.1	329.7	0.00	370.29	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Aug-12 04:00:00	0.23	380.64	18.92	83.84	86.68	0.23	380.64	18.92	83.84	86.68	
29-Aug-12 05:00:00	29-Aug-12 06:00:00	0.00	1,018.58	0.00	0.00	6.23	2.1	329.7	0.00	335.82	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Aug-12 05:00:00	0.23	346.17	18.92	83.84	86.68	0.23	346.17	18.92	83.84	86.68	
29-Aug-12 06:00:00	29-Aug-12 07:00:00	0.00	979.37	0.00	0.00	6.26	2.1	329.7	0.00	322.90	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Aug-12 06:00:00	0.23	333.25	18.92	83.84	86.68	0.23	333.25	18.92	83.84	86.68	
29-Aug-12 07:00:00	29-Aug-12 08:00:00	0.00	951.77	0.00	0.00	6.25	2.1	329.7	0.00	313.80	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Aug-12 07:00:00	0.23	324.15	18.92	83.84	86.68	0.23	324.15	18.92	83.84	86.68	
29-Aug-12 08:00:00	29-Aug-12 09:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	29-Aug-12 08:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
29-Aug-12 09:00:00	29-Aug-12 10:00:00	0.00	0.00	0.00	0.00	6.14	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	29-Aug-12 09:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
29-Aug-12 10:00:00	29-Aug-12 11:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	29-Aug-12 10:00:00	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	86.68	
29-Aug-12 11:00:00	29-Aug-12 12:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.																			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
31-Aug-12 01:00:00	31-Aug-12 02:00:00	0.00	0.14	0.00	0.00	6.11	2.1	329.7	0.00	0.05	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	31-Aug-12 01:00:00	0.23	10.40	18.92	83.84	88.70
31-Aug-12 02:00:00	31-Aug-12 03:00:00	0.00	0.42	0.00	0.00	6.20	2.1	329.7	0.00	0.14	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	31-Aug-12 02:00:00	0.23	10.49	18.92	83.84	88.72
31-Aug-12 03:00:00	31-Aug-12 04:00:00	0.00	0.69	0.00	0.00	6.26	2.1	329.7	0.00	0.23	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	31-Aug-12 03:00:00	0.23	10.58	18.92	83.84	88.75
31-Aug-12 04:00:00	31-Aug-12 05:00:00	0.00	1.00	0.00	0.00	6.34	2.1	329.7	0.00	0.33	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	31-Aug-12 04:00:00	0.23	10.68	18.92	83.84	88.77
31-Aug-12 05:00:00	31-Aug-12 06:00:00	0.00	1.92	0.00	0.00	6.42	2.1	329.7	0.00	0.63	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	31-Aug-12 05:00:00	0.23	10.98	18.92	83.84	88.80
31-Aug-12 06:00:00	31-Aug-12 07:00:00	0.00	1.36	0.00	0.00	6.52	2.1	329.7	0.00	0.45	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	31-Aug-12 06:00:00	0.23	10.80	18.92	83.84	88.83
31-Aug-12 07:00:00	31-Aug-12 08:00:00	0.00	0.81	0.00	0.00	6.50	2.1	329.7	0.00	0.27	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	31-Aug-12 07:00:00	0.23	10.62	18.92	83.84	88.82
31-Aug-12 08:00:00	31-Aug-12 09:00:00	0.00	0.25	0.00	0.00	6.45	2.1	329.7	0.00	0.08	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	31-Aug-12 08:00:00	0.23	10.43	18.92	83.84	88.81
31-Aug-12 09:00:00	31-Aug-12 10:00:00	0.00	0.11	0.00	0.00	6.40	2.1	329.7	0.00	0.04	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	31-Aug-12 09:00:00	0.23	10.39	18.92	83.84	88.79
31-Aug-12 10:00:00	31-Aug-12 11:00:00	0.00	0.42	0.00	0.00	6.36	2.1	329.7	0.00	0.14	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	31-Aug-12 10:00:00	0.23	10.49	18.92	83.84	88.78
31-Aug-12 11:00:00	31-Aug-12 12:00:00	0.00	0.795	0.00	0.00	6.11	2.1	329.7	0.00	0.262	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	31-Aug-12 11:00:00	0.23	12.97	18.92	83.84	88.69
31-Aug-12 12:00:00	31-Aug-12 13:00:00	0.00	1.97	0.00	0.00	5.80	2.1	329.7	0.00	0.65	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	31-Aug-12 12:00:00	0.23	11.00	18.92	83.84	88.59
31-Aug-12 13:00:00	31-Aug-12 14:00:00	0.00	3.32	0.00	0.00	5.49	2.1	329.7	0.00	1.10	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	31-Aug-12 13:00:00	0.23	11.45	18.92	83.84	88.49
31-Aug-12 14:00:00	31-Aug-12 15:00:00	0.00	0.85	0.00	0.00	5.21	2.1	329.7	0.00	0.28	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	31-Aug-12 14:00:00	0.23	10.63	18.92	83.84	88.40
31-Aug-12 15:00:00	31-Aug-12 16:00:00	0.00	0.00	0.00	0.00	5.04	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	31-Aug-12 15:00:00	0.23	10.35	18.92	83.84	88.34
31-Aug-12 16:00:00	31-Aug-12 17:00:00	0.00	0.00	0.00	0.00	4.88	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	31-Aug-12 16:00:00	0.23	10.35	18.92	83.84	88.29
31-Aug-12 17:00:00	31-Aug-12 18:00:00	0.00	0.00	0.00	0.00	4.72	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	31-Aug-12 17:00:00	0.23	10.35	18.92	83.84	88.24
31-Aug-12 18:00:00	31-Aug-12 19:00:00	0.00	0.00	0.00	0.00	4.66	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	31-Aug-12 18:00:00	0.23	10.35	18.92	83.84	88.22
31-Aug-12 19:00:00	31-Aug-12 20:00:00	0.00	0.00	0.00	0.00	4.91	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	31-Aug-12 19:00:00	0.23	10.35	18.92	83.84	88.30
31-Aug-12 20:00:00	31-Aug-12 21:00:00	0.00	0.00	0.00	0.00	5.19	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	31-Aug-12 20:00:00	0.23	10.35	18.92	83.84	88.39
31-Aug-12 21:00:00	31-Aug-12 22:00:00	0.00	2.65	0.00	0.00	5.46	2.1	329.7	0.00	0.87	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	31-Aug-12 21:00:00	0.23	11.22	18.92	83.84	88.48
31-Aug-12 22:00:00	31-Aug-12 23:00:00	0.00	2.46	0.00	0.00	5.66	2.1	329.7	0.00	0.81	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	31-Aug-12 22:00:00	0.23	11.16	18.92	83.84	88.54
31-Aug-12 23:00:00	01-Sep-12 00:00:00	0.00	1.94	0.00	0.00	5.72	2.1	329.7	0.00	0.64	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	31-Aug-12 23:00:00	0.23	10.99	18.92	83.84	88.57
01-Sep-12 00:00:00	01-Sep-12 01:00:00	0.00	1.23	0.00	0.00	5.81	2.1	329.7	0.00	0.41	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	01-Sep-12 00:00:00	0.23	10.76	18.92	83.84	88.59
01-Sep-12 01:00:00	01-Sep-12 02:00:00	0.00	0.52	0.00	0.00	5.89	2.1	329.7	0.00	0.17	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	01-Sep-12 01:00:00	0.23	10.52	18.92	83.84	88.62
01-Sep-12 02:00:00	01-Sep-12 03:00:00	0.00	0.16	0.00	0.00	6.04	2.1	329.7	0.00	0.05	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	01-Sep-12 02:00:00	0.23	10.40	18.92	83.84	88.67
01-Sep-12 03:00:00	01-Sep-12 04:00:00	0.00	0.64	0.00	0.00	6.15	2.1	329.7	0.00	0.21	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	01-Sep-12 03:00:00	0.23	10.56	18.92	83.84	88.71
01-Sep-12 04:00:00	01-Sep-12 05:00:00	0.00	1.16	0.00	0.00	6.22	2.1	329.7	0.00	0.38	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	01-Sep-12 04:00:00	0.23	10.73	18.92	83.84	88.73
01-Sep-12 05:00:00	01-Sep-12 06:00:00	0.00	0.34	0.00	0.00	6.28	2.1	329.7	0.00	0.11	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	01-Sep-12 05:00:00	0.23	10.46	18.92	83.84	88.75
01-Sep-12 06:00:00	01-Sep-12 07:00:00	0.00	1.42	0.00	0.00	6.35	2.1	329.7	0.00	0.47	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	01-Sep-12 06:00:00	0.23	10.82	18.92	83.84	88.77
01-Sep-12 07:00:00	01-Sep-12 08:00:00	0.00	1.63	0.00	0.00	6.34	2.1	329.7	0.00	0.54	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	01-Sep-12 07:00:00	0.23	10.89	18.92	83.84	88.77
01-Sep-12 08:00:00	01-Sep-12 09:00:00	0.00	1.13	0.00	0.00	6.31	2.1	329.7	0.00	0.37	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	01-Sep-12 08:00:00	0.23	10.72	18.92	83.84	88.76
01-Sep-12 09:00:00	01-Sep-12 10:00:00	0.00	0.63	0.00	0.00	6.27	2.1	329.7	0.00	0.21	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	01-Sep-12 09:00:00	0.23	10.56	18.92	83.84	88.75
01-Sep-12 10:00:00	01-Sep-12 11:00:00	0.00	0.63	0.00	0.00	6.23	2.1	329.7	0.00	0.21	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	01-Sep-12 10:00:00	0.23	10.56	18.92	83.84	88.73
01-Sep-12 11:00:00	01-Sep-12 12:00:00	0.00	0.71	0.00	0.00	5.88	2.1	329.7	0.00	0.23	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	01-Sep-12 11:00:00	0.23	10.58	18.92	83.84	88.62
01-Sep-12 12:00:00	01-Sep-12 13:00:00	0.00	0.08	0.00	0.00	5.45	2.1	329.7	0.00	0.03	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	01-Sep-12 12:00:00	0.23	10.38	18.92	83.84	88.48
01-Sep-12 13:00:00	01-Sep-12 14:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	01-Sep-12 13:00:00	0.23	10.35	18.92	83.84	88.34
01-Sep-12 14:00:00	01-Sep-12 15:00:00	0.00	0.00	0.00	0.00	4.67	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	01-Sep-12 14:00:00	0.23	10.35	18		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
03-Sep-12 01:00:00	03-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.15	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	03-Sep-12 01:00:00	0.23	10.35	18.92	83.84	88.71
03-Sep-12 02:00:00	03-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	03-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.73
03-Sep-12 03:00:00	03-Sep-12 04:00:00	0.00	3.97	0.00	0.00	6.20	2.1	329.7	0.00	1.31	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	03-Sep-12 03:00:00	0.23	11.66	18.92	83.84	88.73
03-Sep-12 04:00:00	03-Sep-12 05:00:00	0.00	0.41	0.00	0.00	6.21	2.1	329.7	0.00	0.14	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	03-Sep-12 04:00:00	0.23	10.49	18.92	83.84	88.73
03-Sep-12 05:00:00	03-Sep-12 06:00:00	0.00	0.22	0.00	0.00	6.21	2.1	329.7	0.00	0.07	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	03-Sep-12 05:00:00	0.23	10.42	18.92	83.84	88.73
03-Sep-12 06:00:00	03-Sep-12 07:00:00	0.00	0.51	0.00	0.00	6.22	2.1	329.7	0.00	0.17	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	03-Sep-12 06:00:00	0.23	10.52	18.92	83.84	88.73
03-Sep-12 07:00:00	03-Sep-12 08:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	03-Sep-12 07:00:00	0.23	10.35	18.92	83.84	88.70
03-Sep-12 08:00:00	03-Sep-12 09:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Sep-12 08:00:00	0.23	10.35	18.92	83.84	88.66
03-Sep-12 09:00:00	03-Sep-12 10:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	03-Sep-12 09:00:00	0.23	10.35	18.92	83.84	88.62
03-Sep-12 10:00:00	03-Sep-12 11:00:00	0.00	0.07	0.00	0.00	5.78	2.1	329.7	0.00	0.02	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	03-Sep-12 10:00:00	0.23	10.37	18.92	83.84	88.59
03-Sep-12 11:00:00	03-Sep-12 12:00:00	0.00	0.88	0.00	0.00	5.68	2.1	329.7	0.00	0.29	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	03-Sep-12 11:00:00	0.23	10.64	18.92	83.84	88.55
03-Sep-12 12:00:00	03-Sep-12 13:00:00	0.00	0.03	0.00	0.00	5.55	2.1	329.7	0.00	0.01	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	03-Sep-12 12:00:00	0.23	10.36	18.92	83.84	88.51
03-Sep-12 13:00:00	03-Sep-12 14:00:00	0.00	1.27	0.00	0.00	5.43	2.1	329.7	0.00	0.42	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	03-Sep-12 13:00:00	0.23	10.77	18.92	83.84	88.47
03-Sep-12 14:00:00	03-Sep-12 15:00:00	0.00	0.34	0.00	0.00	5.33	2.1	329.7	0.00	0.11	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	03-Sep-12 14:00:00	0.23	10.46	18.92	83.84	88.44
03-Sep-12 15:00:00	03-Sep-12 16:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	03-Sep-12 15:00:00	0.23	10.35	18.92	83.84	88.49
03-Sep-12 16:00:00	03-Sep-12 17:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	03-Sep-12 16:00:00	0.23	10.35	18.92	83.84	88.55
03-Sep-12 17:00:00	03-Sep-12 18:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	03-Sep-12 17:00:00	0.23	10.35	18.92	83.84	88.62
03-Sep-12 18:00:00	03-Sep-12 19:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	03-Sep-12 18:00:00	0.23	10.35	18.92	83.84	88.69
03-Sep-12 19:00:00	03-Sep-12 20:00:00	0.00	0.02	0.00	0.00	6.21	2.1	329.7	0.00	0.01	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	03-Sep-12 19:00:00	0.23	10.36	18.92	83.84	88.73
03-Sep-12 20:00:00	03-Sep-12 21:00:00	0.00	0.41	0.00	0.00	6.31	2.1	329.7	0.00	0.14	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	03-Sep-12 20:00:00	0.23	10.49	18.92	83.84	88.76
03-Sep-12 21:00:00	03-Sep-12 22:00:00	0.00	0.08	0.00	0.00	6.41	2.1	329.7	0.00	0.02	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	03-Sep-12 21:00:00	0.23	10.37	18.92	83.84	88.79
03-Sep-12 22:00:00	03-Sep-12 23:00:00	0.00	0.00	0.00	0.00	6.53	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	03-Sep-12 22:00:00	0.23	10.35	18.92	83.84	88.83
03-Sep-12 23:00:00	04-Sep-12 00:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	03-Sep-12 23:00:00	0.23	10.35	18.92	83.84	88.83
04-Sep-12 00:00:00	04-Sep-12 01:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	04-Sep-12 00:00:00	0.23	10.35	18.92	83.84	88.81
04-Sep-12 01:00:00	04-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	04-Sep-12 01:00:00	0.23	10.35	18.92	83.84	88.79
04-Sep-12 02:00:00	04-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	04-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.81
04-Sep-12 03:00:00	04-Sep-12 04:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	04-Sep-12 03:00:00	0.23	10.35	18.92	83.84	88.82
04-Sep-12 04:00:00	04-Sep-12 05:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	04-Sep-12 04:00:00	0.23	10.35	18.92	83.84	88.82
04-Sep-12 05:00:00	04-Sep-12 06:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	04-Sep-12 05:00:00	0.23	10.35	18.92	83.84	88.82
04-Sep-12 06:00:00	04-Sep-12 07:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	04-Sep-12 06:00:00	0.23	10.35	18.92	83.84	88.82
04-Sep-12 07:00:00	04-Sep-12 08:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	04-Sep-12 07:00:00	0.23	10.35	18.92	83.84	88.78
04-Sep-12 08:00:00	04-Sep-12 09:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	04-Sep-12 08:00:00	0.23	10.35	18.92	83.84	88.74
04-Sep-12 09:00:00	04-Sep-12 10:00:00	0.00	0.23	0.00	0.00	6.11	2.1	329.7	0.00	0.08	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	04-Sep-12 09:00:00	0.23	10.43	18.92	83.84	88.70
04-Sep-12 10:00:00	04-Sep-12 11:00:00	0.00	0.72	0.00	0.00	6.07	2.1	329.7	0.00	0.24	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	04-Sep-12 10:00:00	0.23	10.59	18.92	83.84	88.68
04-Sep-12 11:00:00	04-Sep-12 12:00:00	0.00	1.21	0.00	0.00	5.94	2.1	329.7	0.00	0.40	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	04-Sep-12 11:00:00	0.23	10.75	18.92	83.84	88.64
04-Sep-12 12:00:00	04-Sep-12 13:00:00	0.00	1.89	0.00	0.00	5.73	2.1	329.7	0.00	0.62	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	04-Sep-12 12:00:00	0.23	10.97	18.92	83.84	88.57
04-Sep-12 13:00:00	04-Sep-12 14:00:00	0.00	2.76	0.00	0.00	5.53	2.1	329.7	0.00	0.91	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	04-Sep-12 13:00:00	0.23	11.26	18.92	83.84	88.50
04-Sep-12 14:00:00	04-Sep-12 15:00:00	0.00	0.26	0.00	0.00	5.43	2.1	329.7	0.00	0.08	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	04-Sep-12 14:00:00	0.23	10.43			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
06-Sep-12 01:00:00	06-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	06-Sep-12 01:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 02:00:00	06-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	06-Sep-12 02:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 03:00:00	06-Sep-12 04:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	06-Sep-12 03:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 04:00:00	06-Sep-12 05:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	06-Sep-12 04:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 05:00:00	06-Sep-12 06:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	06-Sep-12 05:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 06:00:00	06-Sep-12 07:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	06-Sep-12 06:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 07:00:00	06-Sep-12 08:00:00	0.00	0.00	0.00	0.00	6.08	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	06-Sep-12 07:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 08:00:00	06-Sep-12 09:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	06-Sep-12 08:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 09:00:00	06-Sep-12 10:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	06-Sep-12 09:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 10:00:00	06-Sep-12 11:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	06-Sep-12 10:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 11:00:00	06-Sep-12 12:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	06-Sep-12 11:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 12:00:00	06-Sep-12 13:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	06-Sep-12 12:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 13:00:00	06-Sep-12 14:00:00	0.00	0.35	0.00	0.00	5.96	2.1	329.7	0.00	0.12	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	06-Sep-12 13:00:00	0.23	10.47	18.92	83.84	86.64
06-Sep-12 14:00:00	06-Sep-12 15:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	06-Sep-12 14:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 15:00:00	06-Sep-12 16:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	06-Sep-12 15:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 16:00:00	06-Sep-12 17:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	06-Sep-12 16:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 17:00:00	06-Sep-12 18:00:00	0.00	0.00	0.00	0.00	5.35	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	06-Sep-12 17:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 18:00:00	06-Sep-12 19:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	06-Sep-12 18:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 19:00:00	06-Sep-12 20:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	06-Sep-12 19:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 20:00:00	06-Sep-12 21:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	06-Sep-12 20:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 21:00:00	06-Sep-12 22:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	06-Sep-12 21:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 22:00:00	06-Sep-12 23:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	06-Sep-12 22:00:00	0.23	10.35	18.92	83.84	86.68
06-Sep-12 23:00:00	07-Sep-12 00:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	06-Sep-12 23:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 00:00:00	07-Sep-12 01:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	07-Sep-12 00:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 01:00:00	07-Sep-12 02:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	07-Sep-12 01:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 02:00:00	07-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	07-Sep-12 02:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 03:00:00	07-Sep-12 04:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	07-Sep-12 03:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 04:00:00	07-Sep-12 05:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	07-Sep-12 04:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 05:00:00	07-Sep-12 06:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	07-Sep-12 05:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 06:00:00	07-Sep-12 07:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	07-Sep-12 06:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 07:00:00	07-Sep-12 08:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	07-Sep-12 07:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 08:00:00	07-Sep-12 09:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	07-Sep-12 08:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 09:00:00	07-Sep-12 10:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	07-Sep-12 09:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 10:00:00	07-Sep-12 11:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	07-Sep-12 10:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 11:00:00	07-Sep-12 12:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	07-Sep-12 11:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 12:00:00	07-Sep-12 13:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	07-Sep-12 12:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 13:00:00	07-Sep-12 14:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	07-Sep-12 13:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-12 14:00:00	07-Sep-12 15:00:00	0.00	0.00	0.00	0.00	5.35	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	07-Sep-12 14:00:00	0.23	10.35	18.9		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
09-Sep-12 01:00:00	09-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	09-Sep-12 01:00:00	0.23	10.35	18.92	83.84	88.97
09-Sep-12 02:00:00	09-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	09-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.96
09-Sep-12 03:00:00	09-Sep-12 04:00:00	0.00	0.67	0.00	0.00	6.90	2.1	329.7	0.00	0.22	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	09-Sep-12 03:00:00	0.23	10.57	18.92	83.84	88.95
09-Sep-12 04:00:00	09-Sep-12 05:00:00	0.00	0.48	0.00	0.00	6.93	2.1	329.7	0.00	0.16	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	09-Sep-12 04:00:00	0.23	10.51	18.92	83.84	88.96
09-Sep-12 05:00:00	09-Sep-12 06:00:00	0.00	0.21	0.00	0.00	6.96	2.1	329.7	0.00	0.07	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	09-Sep-12 05:00:00	0.23	10.42	18.92	83.84	88.98
09-Sep-12 06:00:00	09-Sep-12 07:00:00	0.00	2.66	0.00	0.00	6.94	2.1	329.7	0.00	0.88	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	09-Sep-12 06:00:00	0.23	11.23	18.92	83.84	88.97
09-Sep-12 07:00:00	09-Sep-12 08:00:00	0.00	1.53	0.00	0.00	6.83	2.1	329.7	0.00	0.50	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	09-Sep-12 07:00:00	0.23	10.85	18.92	83.84	88.93
09-Sep-12 08:00:00	09-Sep-12 09:00:00	0.00	14.95	0.00	0.00	6.72	2.1	329.7	0.00	4.93	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	09-Sep-12 08:00:00	0.23	15.28	18.92	83.84	88.90
09-Sep-12 09:00:00	09-Sep-12 10:00:00	0.00	16.88	0.00	0.00	6.61	2.1	329.7	0.00	5.56	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	09-Sep-12 09:00:00	0.23	15.91	18.92	83.84	88.86
09-Sep-12 10:00:00	09-Sep-12 11:00:00	0.00	9.85	0.00	0.00	6.54	2.1	329.7	0.00	3.25	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	09-Sep-12 10:00:00	0.23	13.60	18.92	83.84	88.84
09-Sep-12 11:00:00	09-Sep-12 12:00:00	0.00	8.50	0.00	0.00	6.38	2.1	329.7	0.00	2.80	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	09-Sep-12 11:00:00	0.23	13.15	18.92	83.84	88.78
09-Sep-12 12:00:00	09-Sep-12 13:00:00	0.00	10.82	0.00	0.00	6.18	2.1	329.7	0.00	3.57	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	09-Sep-12 12:00:00	0.23	13.92	18.92	83.84	88.72
09-Sep-12 13:00:00	09-Sep-12 14:00:00	0.00	6.13	0.00	0.00	5.98	2.1	329.7	0.00	2.02	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	09-Sep-12 13:00:00	0.23	12.37	18.92	83.84	88.65
09-Sep-12 14:00:00	09-Sep-12 15:00:00	0.00	9.59	0.00	0.00	5.80	2.1	329.7	0.00	3.16	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	09-Sep-12 14:00:00	0.23	13.51	18.92	83.84	88.59
09-Sep-12 15:00:00	09-Sep-12 16:00:00	0.00	3.30	0.00	0.00	5.72	2.1	329.7	0.00	1.09	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	09-Sep-12 15:00:00	0.23	11.44	18.92	83.84	88.57
09-Sep-12 16:00:00	09-Sep-12 17:00:00	0.00	2.59	0.00	0.00	5.66	2.1	329.7	0.00	0.85	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	09-Sep-12 16:00:00	0.23	11.20	18.92	83.84	88.55
09-Sep-12 17:00:00	09-Sep-12 18:00:00	0.00	3.45	0.00	0.00	5.61	2.1	329.7	0.00	1.14	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	09-Sep-12 17:00:00	0.23	11.49	18.92	83.84	88.53
09-Sep-12 18:00:00	09-Sep-12 19:00:00	0.00	1.50	0.00	0.00	5.47	2.1	329.7	0.00	0.50	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	09-Sep-12 18:00:00	0.23	10.85	18.92	83.84	88.48
09-Sep-12 19:00:00	09-Sep-12 20:00:00	0.00	1.00	0.00	0.00	5.64	2.1	329.7	0.00	0.33	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	09-Sep-12 19:00:00	0.23	10.68	18.92	83.84	88.54
09-Sep-12 20:00:00	09-Sep-12 21:00:00	0.00	0.50	0.00	0.00	5.94	2.1	329.7	0.00	0.17	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	09-Sep-12 20:00:00	0.23	10.52	18.92	83.84	88.64
09-Sep-12 21:00:00	09-Sep-12 22:00:00	0.00	0.06	0.00	0.00	6.23	2.1	329.7	0.00	0.02	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	09-Sep-12 21:00:00	0.23	10.37	18.92	83.84	88.74
09-Sep-12 22:00:00	09-Sep-12 23:00:00	0.00	0.92	0.00	0.00	6.43	2.1	329.7	0.00	0.30	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	09-Sep-12 22:00:00	0.23	10.65	18.92	83.84	88.80
09-Sep-12 23:00:00	10-Sep-12 00:00:00	0.00	1.96	0.00	0.00	6.50	2.1	329.7	0.00	0.65	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	09-Sep-12 23:00:00	0.23	11.00	18.92	83.84	88.82
10-Sep-12 00:00:00	10-Sep-12 01:00:00	0.00	0.00	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	10-Sep-12 00:00:00	0.23	10.35	18.92	83.84	88.85
10-Sep-12 01:00:00	10-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	10-Sep-12 01:00:00	0.23	10.35	18.92	83.84	88.88
10-Sep-12 02:00:00	10-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.79	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	10-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.92
10-Sep-12 03:00:00	10-Sep-12 04:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	10-Sep-12 03:00:00	0.23	10.35	18.92	83.84	88.95
10-Sep-12 04:00:00	10-Sep-12 05:00:00	0.00	5.01	0.00	0.00	6.92	2.1	329.7	0.00	1.65	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	10-Sep-12 04:00:00	0.23	12.00	18.92	83.84	88.96
10-Sep-12 05:00:00	10-Sep-12 06:00:00	0.00	2.81	0.00	0.00	6.96	2.1	329.7	0.00	0.93	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	10-Sep-12 05:00:00	0.23	11.28	18.92	83.84	88.97
10-Sep-12 06:00:00	10-Sep-12 07:00:00	0.00	3.70	0.00	0.00	6.93	2.1	329.7	0.00	1.22	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	10-Sep-12 06:00:00	0.23	11.57	18.92	83.84	88.96
10-Sep-12 07:00:00	10-Sep-12 08:00:00	0.00	0.19	0.00	0.00	6.78	2.1	329.7	0.00	0.06	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	10-Sep-12 07:00:00	0.23	10.41	18.92	83.84	88.92
10-Sep-12 08:00:00	10-Sep-12 09:00:00	0.00	0.47	0.00	0.00	6.65	2.1	329.7	0.00	0.16	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	10-Sep-12 08:00:00	0.23	10.51	18.92	83.84	88.87
10-Sep-12 09:00:00	10-Sep-12 10:00:00	0.00	0.76	0.00	0.00	6.51	2.1	329.7	0.00	0.25	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	10-Sep-12 09:00:00	0.23	10.60	18.92	83.84	88.83
10-Sep-12 10:00:00	10-Sep-12 11:00:00	0.00	0.96	0.00	0.00	6.42	2.1	329.7	0.00	0.32	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	10-Sep-12 10:00:00	0.23	10.67	18.92	83.84	88.80
10-Sep-12 11:00:00	10-Sep-12 12:00:00	0.00	2.97	0.00	0.00	6.24	2.1	329.7	0.00	0.98	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	10-Sep-12 11:00:00	0.23	11.33	18.92	83.84	88.74
10-Sep-12 12:00:00	10-Sep-12 13:00:00	0.00	0.28	0.00	0.00	6.02	2.1	329.7	0.00	0.09	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	10-Sep-12 12:00:00	0.23	10.44	18.92	83.84	88.66
10-Sep-12 13:00:00	10-Sep-12 14:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	10-Sep-12 13:00:00	0.23	10.35	18.92	83.84	88.59
10-Sep-12 14:00:00	10-Sep-12 15:00:00	0.00	2.85	0.00	0.00	5.59	2.1	329.7	0.00	0.94	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	10-Sep-12 14:00:00	0.23	11.29	1		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
12-Sep-12 01:00:00	12-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.60	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	12-Sep-12 01:00:00	0.23	10.35	18.92	83.84	88.86
12-Sep-12 02:00:00	12-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.63	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	12-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.87
12-Sep-12 03:00:00	12-Sep-12 04:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	12-Sep-12 03:00:00	0.23	10.35	18.92	83.84	88.90
12-Sep-12 04:00:00	12-Sep-12 05:00:00	0.00	12.70	0.00	0.00	6.91	2.1	329.7	0.00	4.19	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	12-Sep-12 04:00:00	0.23	14.54	18.92	83.84	88.96
12-Sep-12 05:00:00	12-Sep-12 06:00:00	0.00	28.12	0.00	0.00	7.08	2.1	329.7	0.00	9.27	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	12-Sep-12 05:00:00	0.23	19.62	18.92	83.84	89.01
12-Sep-12 06:00:00	12-Sep-12 07:00:00	0.00	26.62	0.00	0.00	7.17	2.1	329.7	0.00	8.78	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	12-Sep-12 06:00:00	0.23	19.13	18.92	83.84	89.04
12-Sep-12 07:00:00	12-Sep-12 08:00:00	0.00	30.29	0.00	0.00	7.10	2.1	329.7	0.00	9.99	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	12-Sep-12 07:00:00	0.23	20.34	18.92	83.84	89.02
12-Sep-12 08:00:00	12-Sep-12 09:00:00	0.00	29.61	0.00	0.00	7.05	2.1	329.7	0.00	9.76	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	12-Sep-12 08:00:00	0.23	20.11	18.92	83.84	89.01
12-Sep-12 09:00:00	12-Sep-12 10:00:00	0.00	22.83	0.00	0.00	7.00	2.1	329.7	0.00	7.53	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	12-Sep-12 09:00:00	0.23	17.88	18.92	83.84	88.99
12-Sep-12 10:00:00	12-Sep-12 11:00:00	0.00	19.77	0.00	0.00	6.85	2.1	329.7	0.00	6.52	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	12-Sep-12 10:00:00	0.23	16.87	18.92	83.84	88.94
12-Sep-12 11:00:00	12-Sep-12 12:00:00	0.00	9.60	0.00	0.00	6.56	2.1	329.7	0.00	3.17	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	12-Sep-12 11:00:00	0.23	13.52	18.92	83.84	88.84
12-Sep-12 12:00:00	12-Sep-12 13:00:00	0.00	0.24	0.00	0.00	6.30	2.1	329.7	0.00	0.08	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	12-Sep-12 12:00:00	0.23	10.43	18.92	83.84	88.76
12-Sep-12 13:00:00	12-Sep-12 14:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	12-Sep-12 13:00:00	0.23	10.35	18.92	83.84	88.67
12-Sep-12 14:00:00	12-Sep-12 15:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	12-Sep-12 14:00:00	0.23	10.35	18.92	83.84	88.60
12-Sep-12 15:00:00	12-Sep-12 16:00:00	0.00	1.45	0.00	0.00	5.83	2.1	329.7	0.00	0.48	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	12-Sep-12 15:00:00	0.23	10.83	18.92	83.84	88.60
12-Sep-12 16:00:00	12-Sep-12 17:00:00	0.00	0.67	0.00	0.00	5.87	2.1	329.7	0.00	0.22	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	12-Sep-12 16:00:00	0.23	10.57	18.92	83.84	88.62
12-Sep-12 17:00:00	12-Sep-12 18:00:00	0.00	0.02	0.00	0.00	5.92	2.1	329.7	0.00	0.01	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	12-Sep-12 17:00:00	0.23	10.36	18.92	83.84	88.63
12-Sep-12 18:00:00	12-Sep-12 19:00:00	0.00	0.01	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	12-Sep-12 18:00:00	0.23	10.35	18.92	83.84	88.62
12-Sep-12 19:00:00	12-Sep-12 20:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	12-Sep-12 19:00:00	0.23	10.35	18.92	83.84	88.64
12-Sep-12 20:00:00	12-Sep-12 21:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	12-Sep-12 20:00:00	0.23	10.35	18.92	83.84	88.68
12-Sep-12 21:00:00	12-Sep-12 22:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	12-Sep-12 21:00:00	0.23	10.35	18.92	83.84	88.73
12-Sep-12 22:00:00	12-Sep-12 23:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Sep-12 22:00:00	0.23	10.35	18.92	83.84	88.77
12-Sep-12 23:00:00	13-Sep-12 00:00:00	0.00	0.16	0.00	0.00	6.47	2.1	329.7	0.00	0.05	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	12-Sep-12 23:00:00	0.23	10.40	18.92	83.84	88.81
13-Sep-12 00:00:00	13-Sep-12 01:00:00	0.00	0.13	0.00	0.00	6.59	2.1	329.7	0.00	0.04	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	13-Sep-12 00:00:00	0.23	10.39	18.92	83.84	88.85
13-Sep-12 01:00:00	13-Sep-12 02:00:00	0.00	11.90	0.00	0.00	6.71	2.1	329.7	0.00	3.92	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	13-Sep-12 01:00:00	0.23	14.27	18.92	83.84	88.89
13-Sep-12 02:00:00	13-Sep-12 03:00:00	0.00	15.72	0.00	0.00	6.88	2.1	329.7	0.00	5.18	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	13-Sep-12 02:00:00	0.23	15.53	18.92	83.84	88.95
13-Sep-12 03:00:00	13-Sep-12 04:00:00	0.00	17.18	0.00	0.00	6.97	2.1	329.7	0.00	5.67	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	13-Sep-12 03:00:00	0.23	16.02	18.92	83.84	88.98
13-Sep-12 04:00:00	13-Sep-12 05:00:00	0.00	0.69	0.00	0.00	7.03	2.1	329.7	0.00	0.23	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	13-Sep-12 04:00:00	0.23	10.58	18.92	83.84	89.00
13-Sep-12 05:00:00	13-Sep-12 06:00:00	0.00	8.47	0.00	0.00	7.08	2.1	329.7	0.00	2.79	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	13-Sep-12 05:00:00	0.23	13.14	18.92	83.84	89.02
13-Sep-12 06:00:00	13-Sep-12 07:00:00	0.00	15.42	0.00	0.00	7.16	2.1	329.7	0.00	5.08	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	13-Sep-12 06:00:00	0.23	15.43	18.92	83.84	89.04
13-Sep-12 07:00:00	13-Sep-12 08:00:00	0.00	18.42	0.00	0.00	7.13	2.1	329.7	0.00	6.07	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	13-Sep-12 07:00:00	0.23	16.42	18.92	83.84	89.03
13-Sep-12 08:00:00	13-Sep-12 09:00:00	0.00	24.24	0.00	0.00	7.05	2.1	329.7	0.00	7.99	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	13-Sep-12 08:00:00	0.23	18.34	18.92	83.84	89.01
13-Sep-12 09:00:00	13-Sep-12 10:00:00	0.00	20.96	0.00	0.00	6.98	2.1	329.7	0.00	6.91	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	13-Sep-12 09:00:00	0.23	17.26	18.92	83.84	88.98
13-Sep-12 10:00:00	13-Sep-12 11:00:00	0.00	14.93	0.00	0.00	6.86	2.1	329.7	0.00	4.92	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	13-Sep-12 10:00:00	0.23	15.27	18.92	83.84	88.94
13-Sep-12 11:00:00	13-Sep-12 12:00:00	0.00	13.08	0.00	0.00	6.57	2.1	329.7	0.00	4.31	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	13-Sep-12 11:00:00	0.23	14.66	18.92	83.84	88.85
13-Sep-12 12:00:00	13-Sep-12 13:00:00	0.00	0.55	0.00	0.00	6.25	2.1	329.7	0.00	0.18	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	13-Sep-12 12:00:00	0.23	10.53	18.92	83.84	88.74
13-Sep-12 13:00:00	13-Sep-12 14:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	13-Sep-12 13:00:00	0.23	10.35	18.92	83.84	88.63
13-Sep-12 14:00:00	13-Sep-12 15:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	13-Sep-12 14:00:00	0.23	10.35	18.92	83.84	88.56
13-Sep-12 15:00:00	13-Sep-12 16:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	13-Sep-12 15:00:00	0.23	10.35	18.92	83.84	88.57
13-Sep-12 16:00:00	13-Sep-12 17:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	13-Sep-12 16:00:00	0.23	10.35	18.92	83.84	88.58
13-Sep-12 17:00:00	13-Sep-12 18:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	13-Sep-12 17:00:00	0.23	10.35	18.92	83.84	88.58
13-Sep-12 18:00:00	13-Sep-12 19:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
15-Sep-12 01:00:00	15-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	15-Sep-12 01:00:00	0.23	10.35	18.92	83.84	88.84
15-Sep-12 02:00:00	15-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.51	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	15-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.83
15-Sep-12 03:00:00	15-Sep-12 04:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	15-Sep-12 03:00:00	0.23	10.35	18.92	83.84	88.84
15-Sep-12 04:00:00	15-Sep-12 05:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	15-Sep-12 04:00:00	0.23	10.35	18.92	83.84	88.87
15-Sep-12 05:00:00	15-Sep-12 06:00:00	0.00	0.00	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	15-Sep-12 05:00:00	0.23	10.35	18.92	83.84	88.91
15-Sep-12 06:00:00	15-Sep-12 07:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	15-Sep-12 06:00:00	0.23	10.35	18.92	83.84	88.87
15-Sep-12 07:00:00	15-Sep-12 08:00:00	0.00	5.06	0.00	0.00	6.36	2.1	329.7	0.00	1.67	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	15-Sep-12 07:00:00	0.23	12.02	18.92	83.84	88.78
15-Sep-12 08:00:00	15-Sep-12 09:00:00	0.00	5.68	0.00	0.00	6.16	2.1	329.7	0.00	1.87	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	15-Sep-12 08:00:00	0.23	12.22	18.92	83.84	88.71
15-Sep-12 09:00:00	15-Sep-12 10:00:00	0.00	6.91	0.00	0.00	5.96	2.1	329.7	0.00	2.28	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	15-Sep-12 09:00:00	0.23	12.63	18.92	83.84	88.64
15-Sep-12 10:00:00	15-Sep-12 11:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	15-Sep-12 10:00:00	0.23	10.35	18.92	83.84	88.58
15-Sep-12 11:00:00	15-Sep-12 12:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	15-Sep-12 11:00:00	0.23	10.35	18.92	83.84	88.53
15-Sep-12 12:00:00	15-Sep-12 13:00:00	0.00	2.45	0.00	0.00	5.46	2.1	329.7	0.00	0.81	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	15-Sep-12 12:00:00	0.23	11.16	18.92	83.84	88.48
15-Sep-12 13:00:00	15-Sep-12 14:00:00	0.00	7.69	0.00	0.00	5.31	2.1	329.7	0.00	2.53	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	15-Sep-12 13:00:00	0.23	12.88	18.92	83.84	88.43
15-Sep-12 14:00:00	15-Sep-12 15:00:00	0.00	9.88	0.00	0.00	5.20	2.1	329.7	0.00	3.26	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	15-Sep-12 14:00:00	0.23	13.61	18.92	83.84	88.40
15-Sep-12 15:00:00	15-Sep-12 16:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	15-Sep-12 15:00:00	0.23	10.35	18.92	83.84	88.88
15-Sep-12 16:00:00	15-Sep-12 17:00:00	0.00	14.47	0.00	0.00	5.20	2.1	329.7	0.00	4.77	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Sep-12 16:00:00	0.23	15.12	18.92	83.84	88.39
15-Sep-12 17:00:00	15-Sep-12 18:00:00	0.38	20.38	0.00	0.00	5.19	2.1	329.7	0.12	6.72	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Sep-12 17:00:00	0.35	17.07	18.92	83.84	88.39
15-Sep-12 18:00:00	15-Sep-12 19:00:00	0.89	19.02	0.00	0.00	5.19	2.1	329.7	0.29	6.27	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Sep-12 18:00:00	0.52	16.62	18.92	83.84	88.39
15-Sep-12 19:00:00	15-Sep-12 20:00:00	0.00	18.01	0.00	0.00	5.19	2.1	329.7	0.00	5.94	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Sep-12 19:00:00	0.23	16.29	18.92	83.84	88.39
15-Sep-12 20:00:00	15-Sep-12 21:00:00	0.00	15.24	0.00	0.00	5.37	2.1	329.7	0.00	5.03	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	15-Sep-12 20:00:00	0.23	15.38	18.92	83.84	88.45
15-Sep-12 21:00:00	15-Sep-12 22:00:00	0.00	1.72	0.00	0.00	5.62	2.1	329.7	0.00	0.57	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	15-Sep-12 21:00:00	0.23	10.92	18.92	83.84	88.53
15-Sep-12 22:00:00	15-Sep-12 23:00:00	0.00	3.35	0.00	0.00	5.86	2.1	329.7	0.00	1.11	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	15-Sep-12 22:00:00	0.23	11.46	18.92	83.84	88.61
15-Sep-12 23:00:00	16-Sep-12 00:00:00	0.00	3.85	0.00	0.00	6.11	2.1	329.7	0.00	1.27	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	15-Sep-12 23:00:00	0.23	11.62	18.92	83.84	88.69
16-Sep-12 00:00:00	16-Sep-12 01:00:00	0.00	0.77	0.00	0.00	6.33	2.1	329.7	0.00	0.25	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	16-Sep-12 00:00:00	0.23	10.60	18.92	83.84	88.77
16-Sep-12 01:00:00	16-Sep-12 02:00:00	0.00	0.54	0.00	0.00	6.47	2.1	329.7	0.00	0.18	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	16-Sep-12 01:00:00	0.23	10.53	18.92	83.84	88.81
16-Sep-12 02:00:00	16-Sep-12 03:00:00	0.00	0.31	0.00	0.00	6.61	2.1	329.7	0.00	0.10	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	16-Sep-12 02:00:00	0.23	10.45	18.92	83.84	88.86
16-Sep-12 03:00:00	16-Sep-12 04:00:00	0.00	0.08	0.00	0.00	6.77	2.1	329.7	0.00	0.03	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	16-Sep-12 03:00:00	0.23	10.38	18.92	83.84	88.91
16-Sep-12 04:00:00	16-Sep-12 05:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	16-Sep-12 04:00:00	0.23	10.35	18.92	83.84	88.98
16-Sep-12 05:00:00	16-Sep-12 06:00:00	0.00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	16-Sep-12 05:00:00	0.23	10.35	18.92	83.84	88.97
16-Sep-12 06:00:00	16-Sep-12 07:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	16-Sep-12 06:00:00	0.23	10.35	18.92	83.84	88.96
16-Sep-12 07:00:00	16-Sep-12 08:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	16-Sep-12 07:00:00	0.23	10.35	18.92	83.84	88.94
16-Sep-12 08:00:00	16-Sep-12 09:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	16-Sep-12 08:00:00	0.23	10.35	18.92	83.84	88.82
16-Sep-12 09:00:00	16-Sep-12 10:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	16-Sep-12 09:00:00	0.23	10.35	18.92	83.84	88.76
16-Sep-12 10:00:00	16-Sep-12 11:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	16-Sep-12 10:00:00	0.23	10.35	18.92	83.84	88.69
16-Sep-12 11:00:00	16-Sep-12 12:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	16-Sep-12 11:00:00	0.23	10.35	18.92	83.84	88.62
16-Sep-12 12:00:00	16-Sep-12 13:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	16-Sep-12 12:00:00	0.23	10.35	18.92	83.84	88.59
16-Sep-12 13:00:00	16-Sep-12 14:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	16-Sep-12 13:00:00	0.23	10.35	18.92	83.84	88.59
16-Sep-12 14:00:00	16-Sep-12 15:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	16-Sep-12 14:00:00	0.23	10.35			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
18-Sep-12 01:00:00	18-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-Sep-12 01:00:00	0.23	10.35	18.92	83.84	88.77
18-Sep-12 02:00:00	18-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	18-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.76
18-Sep-12 03:00:00	18-Sep-12 04:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	18-Sep-12 03:00:00	0.23	10.35	18.92	83.84	88.76
18-Sep-12 04:00:00	18-Sep-12 05:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	18-Sep-12 04:00:00	0.23	10.35	18.92	83.84	88.78
18-Sep-12 05:00:00	18-Sep-12 06:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-Sep-12 05:00:00	0.23	10.35	18.92	83.84	88.77
18-Sep-12 06:00:00	18-Sep-12 07:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	18-Sep-12 06:00:00	0.23	10.35	18.92	83.84	88.76
18-Sep-12 07:00:00	18-Sep-12 08:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	18-Sep-12 07:00:00	0.23	10.35	18.92	83.84	88.76
18-Sep-12 08:00:00	18-Sep-12 09:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	18-Sep-12 08:00:00	0.23	10.35	18.92	83.84	88.73
18-Sep-12 09:00:00	18-Sep-12 10:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	18-Sep-12 09:00:00	0.23	10.35	18.92	83.84	88.69
18-Sep-12 10:00:00	18-Sep-12 11:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	18-Sep-12 10:00:00	0.23	10.35	18.92	83.84	88.65
18-Sep-12 11:00:00	18-Sep-12 12:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	18-Sep-12 11:00:00	0.23	10.35	18.92	83.84	88.61
18-Sep-12 12:00:00	18-Sep-12 13:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	18-Sep-12 12:00:00	0.23	10.35	18.92	83.84	88.59
18-Sep-12 13:00:00	18-Sep-12 14:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	18-Sep-12 13:00:00	0.23	10.35	18.92	83.84	88.61
18-Sep-12 14:00:00	18-Sep-12 15:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	18-Sep-12 14:00:00	0.23	10.35	18.92	83.84	88.62
18-Sep-12 15:00:00	18-Sep-12 16:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	18-Sep-12 15:00:00	0.23	10.35	18.92	83.84	88.64
18-Sep-12 16:00:00	18-Sep-12 17:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	18-Sep-12 16:00:00	0.23	10.35	18.92	83.84	88.68
18-Sep-12 17:00:00	18-Sep-12 18:00:00	0.00	0.00	0.00	0.00	5.96	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	18-Sep-12 17:00:00	0.23	10.35	18.92	83.84	88.64
18-Sep-12 18:00:00	18-Sep-12 19:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	18-Sep-12 18:00:00	0.23	10.35	18.92	83.84	88.61
18-Sep-12 19:00:00	18-Sep-12 20:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	18-Sep-12 19:00:00	0.23	10.35	18.92	83.84	88.57
18-Sep-12 20:00:00	18-Sep-12 21:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	18-Sep-12 20:00:00	0.23	10.35	18.92	83.84	88.54
18-Sep-12 21:00:00	18-Sep-12 22:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	18-Sep-12 21:00:00	0.23	10.35	18.92	83.84	88.60
18-Sep-12 22:00:00	18-Sep-12 23:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	18-Sep-12 22:00:00	0.23	10.35	18.92	83.84	88.66
18-Sep-12 23:00:00	19-Sep-12 00:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	18-Sep-12 23:00:00	0.23	10.35	18.92	83.84	88.72
19-Sep-12 00:00:00	19-Sep-12 01:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	19-Sep-12 00:00:00	0.23	10.35	18.92	83.84	88.74
19-Sep-12 01:00:00	19-Sep-12 02:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	19-Sep-12 01:00:00	0.23	10.35	18.92	83.84	88.75
19-Sep-12 02:00:00	19-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	19-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.76
19-Sep-12 03:00:00	19-Sep-12 04:00:00	0.00	0.12	0.00	0.00	6.34	2.1	329.7	0.00	0.04	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	19-Sep-12 03:00:00	0.23	10.39	18.92	83.84	88.77
19-Sep-12 04:00:00	19-Sep-12 05:00:00	0.00	4.51	0.00	0.00	6.48	2.1	329.7	0.00	1.49	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	19-Sep-12 04:00:00	0.23	11.84	18.92	83.84	88.82
19-Sep-12 05:00:00	19-Sep-12 06:00:00	0.00	0.21	0.00	0.00	6.64	2.1	329.7	0.00	0.07	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Sep-12 05:00:00	0.23	10.42	18.92	83.84	88.87
19-Sep-12 06:00:00	19-Sep-12 07:00:00	0.00	0.00	0.00	0.00	6.80	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	19-Sep-12 06:00:00	0.23	10.35	18.92	83.84	88.92
19-Sep-12 07:00:00	19-Sep-12 08:00:00	0.00	1.29	0.00	0.00	6.95	2.1	329.7	0.00	0.43	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	19-Sep-12 07:00:00	0.23	10.78	18.92	83.84	88.97
19-Sep-12 08:00:00	19-Sep-12 09:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	19-Sep-12 08:00:00	0.23	10.35	18.92	83.84	88.95
19-Sep-12 09:00:00	19-Sep-12 10:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	19-Sep-12 09:00:00	0.23	10.35	18.92	83.84	88.90
19-Sep-12 10:00:00	19-Sep-12 11:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	19-Sep-12 10:00:00	0.23	10.35	18.92	83.84	88.84
19-Sep-12 11:00:00	19-Sep-12 12:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	19-Sep-12 11:00:00	0.23	10.35	18.92	83.84	88.79
19-Sep-12 12:00:00	19-Sep-12 13:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	19-Sep-12 12:00:00	0.23	10.35	18.92	83.84	88.75
19-Sep-12 13:00:00	19-Sep-12 14:00:00	0.00	0.00	0.00	0.00	6.14	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	19-Sep-12 13:00:00	0.23	10.35	18.92	83.84	88.70
19-Sep-12 14:00:00	19-Sep-12 15:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	19-Sep-12 14:00:00	0.23	10.35	18.92	83.84	88.65
19-Sep-12 15:00:00	19-Sep-12 16:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	19-Sep-12 15:00:00	0.23	10.35	18.92	83.84	88.61
19-Sep-12 16:00:00	19-Sep-12 17:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	19-Sep-12 16:00:00	0.23	10.35	18.92	83.84	88.65
19-Sep-12 17:00:00	19-Sep-12 18:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	19-Sep-12 17:00:00	0.23	10.35	18.92	83.84	88.70
19-Sep-12 18:00:00	19-Sep-12 19:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	19-Sep-12 18:0					

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
21-Sep-12 01:00:00	21-Sep-12 02:00:00	0.00	12.83	0.00	0.00	6.66	2.1	329.7	0.00	4.23	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	21-Sep-12 01:00:00	0.23	14.58	18.92	83.84	88.88
21-Sep-12 02:00:00	21-Sep-12 03:00:00	0.00	15.10	0.00	0.00	6.72	2.1	329.7	0.00	4.98	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	21-Sep-12 02:00:00	0.23	15.33	18.92	83.84	88.90
21-Sep-12 03:00:00	21-Sep-12 04:00:00	0.00	15.37	0.00	0.00	6.78	2.1	329.7	0.00	5.07	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	21-Sep-12 03:00:00	0.23	15.42	18.92	83.84	88.92
21-Sep-12 04:00:00	21-Sep-12 05:00:00	0.00	10.81	0.00	0.00	6.90	2.1	329.7	0.00	3.56	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	21-Sep-12 04:00:00	0.23	13.91	18.92	83.84	88.96
21-Sep-12 05:00:00	21-Sep-12 06:00:00	0.00	6.37	0.00	0.00	6.94	2.1	329.7	0.00	2.10	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	21-Sep-12 05:00:00	0.23	12.45	18.92	83.84	88.97
21-Sep-12 06:00:00	21-Sep-12 07:00:00	0.00	9.10	0.00	0.00	6.98	2.1	329.7	0.00	3.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	21-Sep-12 06:00:00	0.23	13.35	18.92	83.84	88.98
21-Sep-12 07:00:00	21-Sep-12 08:00:00	0.00	11.07	0.00	0.00	7.01	2.1	329.7	0.00	3.65	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	21-Sep-12 07:00:00	0.23	14.00	18.92	83.84	88.99
21-Sep-12 08:00:00	21-Sep-12 09:00:00	0.00	12.62	0.00	0.00	6.80	2.1	329.7	0.00	4.16	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	21-Sep-12 08:00:00	0.23	14.51	18.92	83.84	88.92
21-Sep-12 09:00:00	21-Sep-12 10:00:00	0.00	10.20	0.00	0.00	6.43	2.1	329.7	0.00	3.36	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	21-Sep-12 09:00:00	0.23	13.71	18.92	83.84	88.80
21-Sep-12 10:00:00	21-Sep-12 11:00:00	0.00	7.33	0.00	0.00	6.06	2.1	329.7	0.00	2.42	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	21-Sep-12 10:00:00	0.23	12.77	18.92	83.84	88.68
21-Sep-12 11:00:00	21-Sep-12 12:00:00	0.00	4.29	0.00	0.00	5.71	2.1	329.7	0.00	1.41	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	21-Sep-12 11:00:00	0.23	11.76	18.92	83.84	88.56
21-Sep-12 12:00:00	21-Sep-12 13:00:00	0.00	1.71	0.00	0.00	5.59	2.1	329.7	0.00	0.56	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	21-Sep-12 12:00:00	0.23	10.91	18.92	83.84	88.52
21-Sep-12 13:00:00	21-Sep-12 14:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	21-Sep-12 13:00:00	0.23	10.35	18.92	83.84	88.49
21-Sep-12 14:00:00	21-Sep-12 15:00:00	0.00	1.54	0.00	0.00	5.37	2.1	329.7	0.00	0.51	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	21-Sep-12 14:00:00	0.23	10.86	18.92	83.84	88.45
21-Sep-12 15:00:00	21-Sep-12 16:00:00	0.00	1.63	0.00	0.00	5.26	2.1	329.7	0.00	0.54	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	21-Sep-12 15:00:00	0.23	10.89	18.92	83.84	88.41
21-Sep-12 16:00:00	21-Sep-12 17:00:00	0.00	3.38	0.00	0.00	5.15	2.1	329.7	0.00	1.12	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	21-Sep-12 16:00:00	0.23	11.47	18.92	83.84	88.38
21-Sep-12 17:00:00	21-Sep-12 18:00:00	0.00	1.44	0.00	0.00	5.19	2.1	329.7	0.00	0.47	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	21-Sep-12 17:00:00	0.23	10.82	18.92	83.84	88.39
21-Sep-12 18:00:00	21-Sep-12 19:00:00	0.00	1.00	0.00	0.00	5.23	2.1	329.7	0.00	0.33	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	21-Sep-12 18:00:00	0.23	10.68	18.92	83.84	88.41
21-Sep-12 19:00:00	21-Sep-12 20:00:00	0.00	0.57	0.00	0.00	5.27	2.1	329.7	0.00	0.19	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	21-Sep-12 19:00:00	0.23	10.54	18.92	83.84	88.42
21-Sep-12 20:00:00	21-Sep-12 21:00:00	0.00	0.14	0.00	0.00	5.37	2.1	329.7	0.00	0.05	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	21-Sep-12 20:00:00	0.23	10.40	18.92	83.84	88.45
21-Sep-12 21:00:00	21-Sep-12 22:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	21-Sep-12 21:00:00	0.23	10.35	18.92	83.84	88.54
21-Sep-12 22:00:00	21-Sep-12 23:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	21-Sep-12 22:00:00	0.23	10.35	18.92	83.84	88.63
21-Sep-12 23:00:00	22-Sep-12 00:00:00	0.00	0.37	0.00	0.00	6.19	2.1	329.7	0.00	0.12	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	21-Sep-12 23:00:00	0.23	10.47	18.92	83.84	88.72
22-Sep-12 00:00:00	22-Sep-12 01:00:00	0.00	3.38	0.00	0.00	6.34	2.1	329.7	0.00	1.12	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	22-Sep-12 00:00:00	0.23	11.47	18.92	83.84	88.77
22-Sep-12 01:00:00	22-Sep-12 02:00:00	0.00	5.87	0.00	0.00	6.34	2.1	329.7	0.00	1.94	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	22-Sep-12 01:00:00	0.23	12.29	18.92	83.84	88.77
22-Sep-12 02:00:00	22-Sep-12 03:00:00	0.00	1.73	0.00	0.00	6.34	2.1	329.7	0.00	0.57	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	22-Sep-12 02:00:00	0.23	10.92	18.92	83.84	88.77
22-Sep-12 03:00:00	22-Sep-12 04:00:00	0.00	0.96	0.00	0.00	6.35	2.1	329.7	0.00	0.32	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	22-Sep-12 03:00:00	0.23	10.67	18.92	83.84	88.77
22-Sep-12 04:00:00	22-Sep-12 05:00:00	0.00	1.87	0.00	0.00	6.43	2.1	329.7	0.00	0.62	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	22-Sep-12 04:00:00	0.23	10.97	18.92	83.84	88.80
22-Sep-12 05:00:00	22-Sep-12 06:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	22-Sep-12 05:00:00	0.23	10.35	18.92	83.84	88.84
22-Sep-12 06:00:00	22-Sep-12 07:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	22-Sep-12 06:00:00	0.23	10.35	18.92	83.84	88.87
22-Sep-12 07:00:00	22-Sep-12 08:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	22-Sep-12 07:00:00	0.23	10.35	18.92	83.84	88.90
22-Sep-12 08:00:00	22-Sep-12 09:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	22-Sep-12 08:00:00	0.23	10.35	18.92	83.84	88.85
22-Sep-12 09:00:00	22-Sep-12 10:00:00	0.00	0.35	0.00	0.00	6.34	2.1	329.7	0.00	0.11	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	22-Sep-12 09:00:00	0.23	10.46	18.92	83.84	88.77
22-Sep-12 10:00:00	22-Sep-12 11:00:00	0.00	0.91	0.00	0.00	6.12	2.1	329.7	0.00	0.30	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	22-Sep-12 10:00:00	0.23	10.65	18.92	83.84	88.70
22-Sep-12 11:00:00	22-Sep-12 12:00:00	0.00	0.16	0.00	0.00	5.90	2.1	329.7	0.00	0.05	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	22-Sep-12 11:00:00	0.23	10.40	18.92	83.84	88.63
22-Sep-12 12:00:00	22-Sep-12 13:00:00	0.00	1.34	0.00	0.00	5.79	2.1	329.7	0.00	0.44	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	22-Sep-12 12:00:00	0.23	10.79	18.92	83.84	88.59
22-Sep-12 13:00:00	22-Sep-12 14:00:00	0.00	7.92	0.00	0.00	5.62	2.1	329.7	0.00	2.61	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	22-Sep-12 13:00:00	0.23	12.96	18.92	83.84	88.53
22-Sep-12 14:00:00	22-Sep-12 15:00:00	0.00	21.93	0.00	0.00	5.46	2.1	329.7	0.00	7.23	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	22-Sep-12 14:00:00	0.23	17.58	18.92	83.84	88.48
22-Sep-12 15:00:00	22-Sep-12 16:00:00	0.00	14.41	0.00	0.00	5.28	2.1	329.7	0.00	4.75	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	22-Sep-12 15:00:00	0.23	15.10	18.92	83.84	88.42
22-Sep-12 16:00:00	22-Sep-12 17:00:00	0.00	11.13	0.00	0.00	5.14	2.1	329.7	0.00	3.67	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	22-Sep-12 16:00:00	0.23	14.02	18.92	83.84	88.37
22-Sep-12 17:00:00	22-Sep-12 18:00:00	0.00	28.76	0.00	0.00	5.15	2.1	329.7	0.00	9.48	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	22-Sep-12 17:00:00	0.23	19.83	18.92	83.84	88.38
22-Sep-12 18:00:00	22-Sep-12 19:00:00	0.00	24.65	0.00	0.00	5.17	2.1	329.7	0.00	8.13	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	22-Sep-12 18:00:00					

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
24-Sep-12 01:00:00	24-Sep-12 02:00:00	0.00	16.56	0.00	0.00	7.13	2.1	329.7	0.00	5.46	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	24-Sep-12 01:00:00	0.23	15.81	18.92	83.84	89.03
24-Sep-12 02:00:00	24-Sep-12 03:00:00	0.00	12.59	0.00	0.00	7.27	2.1	329.7	0.00	4.15	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	24-Sep-12 02:00:00	0.23	14.50	18.92	83.84	89.08
24-Sep-12 03:00:00	24-Sep-12 04:00:00	0.00	14.98	0.00	0.00	7.40	2.1	329.7	0.00	4.94	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	24-Sep-12 03:00:00	0.23	15.29	18.92	83.84	89.12
24-Sep-12 04:00:00	24-Sep-12 05:00:00	0.00	16.89	0.00	0.00	7.45	2.1	329.7	0.00	5.57	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	24-Sep-12 04:00:00	0.23	15.92	18.92	83.84	89.14
24-Sep-12 05:00:00	24-Sep-12 06:00:00	0.00	11.17	0.00	0.00	7.48	2.1	329.7	0.00	3.68	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	24-Sep-12 05:00:00	0.23	14.03	18.92	83.84	89.14
24-Sep-12 06:00:00	24-Sep-12 07:00:00	0.00	18.98	0.00	0.00	7.50	2.1	329.7	0.00	6.26	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	24-Sep-12 06:00:00	0.23	16.61	18.92	83.84	89.15
24-Sep-12 07:00:00	24-Sep-12 08:00:00	0.00	24.43	0.00	0.00	7.52	2.1	329.7	0.00	8.05	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	24-Sep-12 07:00:00	0.23	18.40	18.92	83.84	89.16
24-Sep-12 08:00:00	24-Sep-12 09:00:00	0.00	7.56	0.00	0.00	7.32	2.1	329.7	0.00	2.49	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	24-Sep-12 08:00:00	0.23	12.84	18.92	83.84	89.09
24-Sep-12 09:00:00	24-Sep-12 10:00:00	0.00	1.21	0.00	0.00	7.04	2.1	329.7	0.00	0.40	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	24-Sep-12 09:00:00	0.23	10.75	18.92	83.84	89.00
24-Sep-12 10:00:00	24-Sep-12 11:00:00	0.00	2.25	0.00	0.00	6.77	2.1	329.7	0.00	0.74	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	24-Sep-12 10:00:00	0.23	11.09	18.92	83.84	88.91
24-Sep-12 11:00:00	24-Sep-12 12:00:00	0.00	11.18	0.00	0.00	6.49	2.1	329.7	0.00	3.69	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	24-Sep-12 11:00:00	0.23	14.04	18.92	83.84	88.82
24-Sep-12 12:00:00	24-Sep-12 13:00:00	0.00	9.39	0.00	0.00	6.33	2.1	329.7	0.00	3.10	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	24-Sep-12 12:00:00	0.23	13.45	18.92	83.84	88.77
24-Sep-12 13:00:00	24-Sep-12 14:00:00	0.00	9.24	0.00	0.00	6.29	2.1	329.7	0.00	3.05	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	24-Sep-12 13:00:00	0.23	13.40	18.92	83.84	88.76
24-Sep-12 14:00:00	24-Sep-12 15:00:00	0.00	7.47	0.00	0.00	6.26	2.1	329.7	0.00	2.46	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Sep-12 14:00:00	0.23	12.81	18.92	83.84	88.74
24-Sep-12 15:00:00	24-Sep-12 16:00:00	0.00	12.01	0.00	0.00	6.19	2.1	329.7	0.00	3.96	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	24-Sep-12 15:00:00	0.23	14.31	18.92	83.84	88.72
24-Sep-12 16:00:00	24-Sep-12 17:00:00	0.00	3.41	17.32	0.00	6.03	2.1	329.7	0.00	1.12	5.71	0.00	1.99	0.23	10.35	18.92	83.84	86.68	24-Sep-12 16:00:00	0.23	11.47	24.63	83.84	88.67
24-Sep-12 17:00:00	24-Sep-12 18:00:00	0.00	0.39	0.00	0.00	6.13	2.1	329.7	0.00	0.13	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	24-Sep-12 17:00:00	0.23	10.48	18.92	83.84	88.70
24-Sep-12 18:00:00	24-Sep-12 19:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	24-Sep-12 18:00:00	0.23	10.35	18.92	83.84	88.73
24-Sep-12 19:00:00	24-Sep-12 20:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	24-Sep-12 19:00:00	0.23	10.35	18.92	83.84	88.76
24-Sep-12 20:00:00	24-Sep-12 21:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	24-Sep-12 20:00:00	0.23	10.35	18.92	83.84	88.81
24-Sep-12 21:00:00	24-Sep-12 22:00:00	0.00	17.79	0.00	0.00	6.69	2.1	329.7	0.00	5.87	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	24-Sep-12 21:00:00	0.23	16.22	18.92	83.84	88.89
24-Sep-12 22:00:00	24-Sep-12 23:00:00	0.00	24.42	0.00	0.00	6.93	2.1	329.7	0.00	8.05	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	24-Sep-12 22:00:00	0.23	18.40	18.92	83.84	88.96
24-Sep-12 23:00:00	25-Sep-12 00:00:00	0.00	15.81	0.00	0.00	7.15	2.1	329.7	0.00	5.21	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	24-Sep-12 23:00:00	0.23	15.56	18.92	83.84	89.04
25-Sep-12 00:00:00	25-Sep-12 01:00:00	0.00	18.27	0.00	0.00	7.21	2.1	329.7	0.00	6.02	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	25-Sep-12 00:00:00	0.23	16.37	18.92	83.84	89.06
25-Sep-12 01:00:00	25-Sep-12 02:00:00	0.00	23.82	0.00	0.00	7.29	2.1	329.7	0.00	7.85	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	25-Sep-12 01:00:00	0.23	18.20	18.92	83.84	89.08
25-Sep-12 02:00:00	25-Sep-12 03:00:00	0.00	25.54	0.00	0.00	7.36	2.1	329.7	0.00	8.42	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	25-Sep-12 02:00:00	0.23	18.77	18.92	83.84	89.11
25-Sep-12 03:00:00	25-Sep-12 04:00:00	0.00	18.95	0.00	0.00	7.44	2.1	329.7	0.00	6.25	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	25-Sep-12 03:00:00	0.23	16.60	18.92	83.84	89.13
25-Sep-12 04:00:00	25-Sep-12 05:00:00	0.00	19.94	0.00	0.00	7.48	2.1	329.7	0.00	6.57	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	25-Sep-12 04:00:00	0.23	16.92	18.92	83.84	89.15
25-Sep-12 05:00:00	25-Sep-12 06:00:00	0.00	13.27	0.00	0.00	7.49	2.1	329.7	0.00	4.38	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	25-Sep-12 05:00:00	0.23	14.73	18.92	83.84	89.15
25-Sep-12 06:00:00	25-Sep-12 07:00:00	0.00	7.74	0.00	0.00	7.50	2.1	329.7	0.00	2.55	7.74	0.00	2.47	0.23	10.35	18.92	83.84	86.68	25-Sep-12 06:00:00	0.23	12.90	18.92	83.84	89.15
25-Sep-12 07:00:00	25-Sep-12 08:00:00	0.00	0.96	0.00	0.00	7.50	2.1	329.7	0.00	0.32	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	25-Sep-12 07:00:00	0.23	10.67	18.92	83.84	89.15
25-Sep-12 08:00:00	25-Sep-12 09:00:00	0.00	1.08	0.00	0.00	7.21	2.1	329.7	0.00	0.36	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	25-Sep-12 08:00:00	0.23	10.71	18.92	83.84	89.06
25-Sep-12 09:00:00	25-Sep-12 10:00:00	0.00	2.05	0.00	0.00	6.80	2.1	329.7	0.00	0.67	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	25-Sep-12 09:00:00	0.23	11.02	18.92	83.84	88.92
25-Sep-12 10:00:00	25-Sep-12 11:00:00	0.00	4.27	0.00	0.00	6.39	2.1	329.7	0.00	1.41	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	25-Sep-12 10:00:00	0.23	11.76	18.92	83.84	88.79
25-Sep-12 11:00:00	25-Sep-12 12:00:00	0.00	19.75	0.00	0.00	5.98	2.1	329.7	0.00	6.51	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	25-Sep-12 11:00:00	0.23	16.86	18.92	83.84	88.65
25-Sep-12 12:00:00	25-Sep-12 13:00:00	0.00	14.18	0.00	0.00	5.79	2.1	329.7	0.00	4.67	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	25-Sep-12 12:00:00	0.23	15.02	18.92	83.84	88.59
25-Sep-12 13:00:00	25-Sep-12 14:00:00	0.00	18.38	0.00	0.00	5.73	2.1	329.7	0.00	6.06	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	25-Sep-12 13:00:00	0.23	16.41	18.92	83.84	88.57
25-Sep-12 14:00:00	25-Sep-12 15:00:00	0.00	10.51	0.00	0.00	5.67	2.1	329.7	0.00	3.46	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	25-Sep-12 14:00:00	0.				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
27-Sep-12 01:00:00	27-Sep-12 02:00:00	0.00	3.72	0.00	0.00	7.62	2.1	329.7	0.00	1.23	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	27-Sep-12 01:00:00	0.23	11.58	18.92	83.84	89.19					
27-Sep-12 02:00:00	27-Sep-12 03:00:00	0.00	8.99	0.00	0.00	7.71	2.1	329.7	0.00	2.96	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	27-Sep-12 02:00:00	0.23	13.31	18.92	83.84	89.22					
27-Sep-12 03:00:00	27-Sep-12 04:00:00	0.00	0.16	0.00	0.00	7.81	2.1	329.7	0.00	0.05	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	27-Sep-12 03:00:00	0.23	10.40	18.92	83.84	89.26					
27-Sep-12 04:00:00	27-Sep-12 05:00:00	0.00	6.49	0.00	0.00	7.87	2.1	329.7	0.00	2.14	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	27-Sep-12 04:00:00	0.23	12.49	18.92	83.84	89.28					
27-Sep-12 05:00:00	27-Sep-12 06:00:00	0.00	11.13	0.00	0.00	7.80	2.1	329.7	0.00	3.67	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	27-Sep-12 05:00:00	0.23	14.02	18.92	83.84	89.25					
27-Sep-12 06:00:00	27-Sep-12 07:00:00	0.00	22.63	0.00	0.00	7.72	2.1	329.7	0.00	7.46	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	27-Sep-12 06:00:00	0.23	17.81	18.92	83.84	89.23					
27-Sep-12 07:00:00	27-Sep-12 08:00:00	0.00	19.98	0.00	0.00	7.63	2.1	329.7	0.00	6.59	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	27-Sep-12 07:00:00	0.23	16.94	18.92	83.84	89.20					
27-Sep-12 08:00:00	27-Sep-12 09:00:00	0.00	18.65	0.00	0.00	7.32	2.1	329.7	0.00	6.15	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	27-Sep-12 08:00:00	0.23	16.50	18.92	83.84	89.09					
27-Sep-12 09:00:00	27-Sep-12 10:00:00	0.00	16.30	0.00	0.00	7.06	2.1	329.7	0.00	5.37	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	27-Sep-12 09:00:00	0.23	15.72	18.92	83.84	89.01					
27-Sep-12 10:00:00	27-Sep-12 11:00:00	0.00	11.76	0.00	0.00	6.79	2.1	329.7	0.00	3.88	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	27-Sep-12 10:00:00	0.23	14.23	18.92	83.84	88.92					
27-Sep-12 11:00:00	27-Sep-12 12:00:00	0.00	2.55	0.00	0.00	6.53	2.1	329.7	0.00	0.84	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	27-Sep-12 11:00:00	0.23	11.19	18.92	83.84	88.83					
27-Sep-12 12:00:00	27-Sep-12 13:00:00	0.00	1.06	0.00	0.00	6.43	2.1	329.7	0.00	0.35	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	27-Sep-12 12:00:00	0.23	10.70	18.92	83.84	88.80					
27-Sep-12 13:00:00	27-Sep-12 14:00:00	0.00	4.09	0.00	0.00	6.26	2.1	329.7	0.00	1.35	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	27-Sep-12 13:00:00	0.23	11.70	18.92	83.84	88.74					
27-Sep-12 14:00:00	27-Sep-12 15:00:00	0.00	4.22	0.00	0.00	6.09	2.1	329.7	0.00	1.39	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	27-Sep-12 14:00:00	0.23	11.74	18.92	83.84	88.69					
27-Sep-12 15:00:00	27-Sep-12 16:00:00	0.00	6.16	0.00	0.00	5.90	2.1	329.7	0.00	2.03	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	27-Sep-12 15:00:00	0.23	12.38	18.92	83.84	88.63					
27-Sep-12 16:00:00	27-Sep-12 17:00:00	0.00	15.64	0.00	0.00	5.71	2.1	329.7	0.00	5.16	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	27-Sep-12 16:00:00	0.23	15.51	18.92	83.84	88.56					
27-Sep-12 17:00:00	27-Sep-12 18:00:00	0.00	13.19	0.00	0.00	5.60	2.1	329.7	0.00	4.35	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	27-Sep-12 17:00:00	0.23	14.70	18.92	83.84	88.53					
27-Sep-12 18:00:00	27-Sep-12 19:00:00	0.00	16.51	0.00	0.00	5.49	2.1	329.7	0.00	5.44	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	27-Sep-12 18:00:00	0.23	15.79	18.92	83.84	88.49					
27-Sep-12 19:00:00	27-Sep-12 20:00:00	0.00	11.16	0.00	0.00	5.40	2.1	329.7	0.00	3.68	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	27-Sep-12 19:00:00	0.23	14.03	18.92	83.84	88.46					
27-Sep-12 20:00:00	27-Sep-12 21:00:00	0.00	8.84	0.00	0.00	5.50	2.1	329.7	0.00	2.92	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	27-Sep-12 20:00:00	0.23	13.27	18.92	83.84	88.49					
27-Sep-12 21:00:00	27-Sep-12 22:00:00	0.00	4.07	0.00	0.00	5.60	2.1	329.7	0.00	1.34	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	27-Sep-12 21:00:00	0.23	11.69	18.92	83.84	88.53					
27-Sep-12 22:00:00	27-Sep-12 23:00:00	0.00	0.11	0.00	0.00	5.70	2.1	329.7	0.00	0.03	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	27-Sep-12 22:00:00	0.23	10.38	18.92	83.84	88.56					
27-Sep-12 23:00:00	28-Sep-12 00:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	27-Sep-12 23:00:00	0.23	10.35	18.92	83.84	88.60					
28-Sep-12 00:00:00	28-Sep-12 01:00:00	0.00	1.39	0.00	0.00	6.06	2.1	329.7	0.00	0.46	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	28-Sep-12 00:00:00	0.23	10.81	18.92	83.84	88.68					
28-Sep-12 01:00:00	28-Sep-12 02:00:00	0.00	1.96	0.00	0.00	6.14	2.1	329.7	0.00	0.65	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	28-Sep-12 01:00:00	0.23	11.00	18.92	83.84	88.70					
28-Sep-12 02:00:00	28-Sep-12 03:00:00	0.00	1.04	0.00	0.00	6.22	2.1	329.7	0.00	0.34	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Sep-12 02:00:00	0.23	10.69	18.92	83.84	88.73					
28-Sep-12 03:00:00	28-Sep-12 04:00:00	0.00	0.68	0.00	0.00	6.31	2.1	329.7	0.00	0.23	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	28-Sep-12 03:00:00	0.23	10.58	18.92	83.84	88.76					
28-Sep-12 04:00:00	28-Sep-12 05:00:00	0.00	0.33	0.00	0.00	6.45	2.1	329.7	0.00	0.11	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	28-Sep-12 04:00:00	0.23	10.46	18.92	83.84	88.81					
28-Sep-12 05:00:00	28-Sep-12 06:00:00	0.00	0.03	0.00	0.00	6.57	2.1	329.7	0.00	0.01	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	28-Sep-12 05:00:00	0.23	10.36	18.92	83.84	88.85					
28-Sep-12 06:00:00	28-Sep-12 07:00:00	0.00	0.11	0.00	0.00	6.69	2.1	329.7	0.00	0.04	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	28-Sep-12 06:00:00	0.23	10.39	18.92	83.84	88.89					
28-Sep-12 07:00:00	28-Sep-12 08:00:00	0.00	4.62	0.00	0.00	6.81	2.1	329.7	0.00	1.52	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	28-Sep-12 07:00:00	0.23	11.87	18.92	83.84	88.92					
28-Sep-12 08:00:00	28-Sep-12 09:00:00	0.00	17.59	0.00	0.00	6.71	2.1	329.7	0.00	5.80	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	28-Sep-12 08:00:00	0.23	16.15	18.92	83.84	88.89					
28-Sep-12 09:00:00	28-Sep-12 10:00:00	0.00	10.12	0.00	0.00	6.46	2.1	329.7	0.00	3.34	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	28-Sep-12 09:00:00	0.23	13.69	18.92	83.84	88.81					
28-Sep-12 10:00:00	28-Sep-12 11:00:00	0.00	4.36	0.00	0.00	6.22	2.1	329.7	0.00	1.44	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Sep-12 10:00:00	0.23	11.79	18.92	83.84	88.73					
28-Sep-12 11:00:00	28-Sep-12 12:00:00	0.00	0.72	0.00	0.00	5.98	2.1	329.7	0.00	0.24	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	28-Sep-12 11:00:00	0.23	10.59	18.92	83.84	88.65					
28-Sep-12 12:00:00	28-Sep-12 13:00:00	0.00	2.24	0.00	0.00	5.80	2.1	329.7	0.00	0.74	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	28-Sep-12 12:00:00	0.23	11.09	18.92	83.84	88.59					
28-Sep-12 13:00:00	28-Sep-12 14:00:00	0.00	0.60	0.00	0.00	5.61	2.1	329.7	0.00	0.20	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	28-Sep-12 13:00:00	0.23	10.55	18.92	83.84	88.53					
28-Sep-12 14:00:00	28-Sep-12 15:00:00	0.00	8.67	0.00	0.00	5.42	2.1	329.7	0.00	2.86	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	28-Sep-12 14:00:00	0.23	13.21	18.92	83.84	88.47					
28-Sep-12 15:00:00	28-Sep-12 16:00:00	0.00	4.77	0.00	0.00	5.25	2.1	329.7	0.00	1.57	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	28-Sep-12 15:00:00	0.23	11.92	18.92	83.84	88.41					
28-Sep-12 16:00:00	28-Sep-12 17:00:00	0.00	10.74	0.00	0.00	5.22	2.1	329.7	0.00	3.54	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	28-Sep-12 16:00:00	0.23	13.89	18.92	83.84	88.40					
28-Sep-12 17:00:00	28-Sep-12 18:00:00	0.00	4.35	0.00	0.00	5.19	2.1	329.7	0.00	1.43	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	28-Sep-12 17:00:00	0.23	11.78	18.92	83.84	88.39					
28-Sep-12 18:00:00	28-Sep-12 19:00:00																												

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
30-Sep-12 01:00:00	30-Sep-12 02:00:00	0.00	0.00	0.00	0.00	10.23	2.1	329.7	0.00	0.00	0.00	0.00	3.37	0.23	10.35	18.92	83.84	86.68	30-Sep-12 01:00:00	0.23	10.35	18.92	83.84	90.05
30-Sep-12 02:00:00	30-Sep-12 03:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	30-Sep-12 02:00:00	0.23	10.35	18.92	83.84	88.80
30-Sep-12 03:00:00	30-Sep-12 04:00:00	0.00	0.00	0.00	0.00	6.63	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	30-Sep-12 03:00:00	0.23	10.35	18.92	83.84	88.86
30-Sep-12 04:00:00	30-Sep-12 05:00:00	0.00	0.01	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	30-Sep-12 04:00:00	0.23	10.35	18.92	83.84	88.89
30-Sep-12 05:00:00	30-Sep-12 06:00:00	0.00	0.24	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	30-Sep-12 05:00:00	0.23	10.43	18.92	83.84	88.91
30-Sep-12 06:00:00	30-Sep-12 07:00:00	0.00	0.72	0.00	0.00	6.79	2.1	329.7	0.00	0.24	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	30-Sep-12 06:00:00	0.23	10.59	18.92	83.84	88.92
30-Sep-12 07:00:00	30-Sep-12 08:00:00	0.00	0.61	0.00	0.00	6.84	2.1	329.7	0.00	0.20	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	30-Sep-12 07:00:00	0.23	10.55	18.92	83.84	88.93
30-Sep-12 08:00:00	30-Sep-12 09:00:00	0.00	3.92	0.00	0.00	6.83	2.1	329.7	0.00	1.29	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	30-Sep-12 08:00:00	0.23	11.64	18.92	83.84	88.93
30-Sep-12 09:00:00	30-Sep-12 10:00:00	0.00	2.59	0.00	0.00	6.68	2.1	329.7	0.00	0.85	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	30-Sep-12 09:00:00	0.23	11.20	18.92	83.84	88.88
30-Sep-12 10:00:00	30-Sep-12 11:00:00	0.00	3.59	0.00	0.00	6.54	2.1	329.7	0.00	1.18	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	30-Sep-12 10:00:00	0.23	11.53	18.92	83.84	88.84
30-Sep-12 11:00:00	30-Sep-12 12:00:00	0.00	6.62	0.00	0.00	6.40	2.1	329.7	0.00	2.18	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	30-Sep-12 11:00:00	0.23	12.53	18.92	83.84	88.79
30-Sep-12 12:00:00	30-Sep-12 13:00:00	0.00	10.16	0.00	0.00	6.28	2.1	329.7	0.00	3.35	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	30-Sep-12 12:00:00	0.23	13.70	18.92	83.84	88.75
30-Sep-12 13:00:00	30-Sep-12 14:00:00	0.00	1.38	0.00	0.00	6.13	2.1	329.7	0.00	0.46	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	30-Sep-12 13:00:00	0.23	10.81	18.92	83.84	88.70
30-Sep-12 14:00:00	30-Sep-12 15:00:00	0.00	0.42	0.00	0.00	5.99	2.1	329.7	0.00	0.14	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	30-Sep-12 14:00:00	0.23	10.49	18.92	83.84	88.65
30-Sep-12 15:00:00	30-Sep-12 16:00:00	0.00	1.38	0.00	0.00	5.84	2.1	329.7	0.00	0.45	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	30-Sep-12 15:00:00	0.23	10.80	18.92	83.84	88.61
30-Sep-12 16:00:00	30-Sep-12 17:00:00	0.00	1.59	0.00	0.00	5.82	2.1	329.7	0.00	0.53	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	30-Sep-12 16:00:00	0.23	10.88	18.92	83.84	88.60
30-Sep-12 17:00:00	30-Sep-12 18:00:00	0.00	0.63	0.00	0.00	5.88	2.1	329.7	0.00	0.21	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	30-Sep-12 17:00:00	0.23	10.56	18.92	83.84	88.62
30-Sep-12 18:00:00	30-Sep-12 19:00:00	0.00	0.39	0.00	0.00	5.94	2.1	329.7	0.00	0.13	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	30-Sep-12 18:00:00	0.23	10.48	18.92	83.84	88.64
30-Sep-12 19:00:00	30-Sep-12 20:00:00	0.00	0.15	0.00	0.00	6.01	2.1	329.7	0.00	0.05	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	30-Sep-12 19:00:00	0.23	10.40	18.92	83.84	88.66
30-Sep-12 20:00:00	30-Sep-12 21:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	30-Sep-12 20:00:00	0.23	10.35	18.92	83.84	88.75
30-Sep-12 21:00:00	30-Sep-12 22:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	30-Sep-12 21:00:00	0.23	10.35	18.92	83.84	88.79
30-Sep-12 22:00:00	30-Sep-12 23:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	30-Sep-12 22:00:00	0.23	10.35	18.92	83.84	88.83
30-Sep-12 23:00:00	01-Oct-12 00:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	30-Sep-12 23:00:00	0.23	10.35	18.92	83.84	88.87
01-Oct-12 00:00:00	01-Oct-12 01:00:00	0.00	0.40	0.00	0.00	7.28	2.1	329.7	0.00	0.13	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	01-Oct-12 00:00:00	0.23	10.48	18.92	83.84	89.08
01-Oct-12 01:00:00	01-Oct-12 02:00:00	0.00	1.52	0.00	0.00	6.86	2.1	329.7	0.00	0.50	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	01-Oct-12 01:00:00	0.23	10.85	18.92	83.84	88.94
01-Oct-12 02:00:00	01-Oct-12 03:00:00	0.00	2.79	0.00	0.00	6.95	2.1	329.7	0.00	0.92	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Oct-12 02:00:00	0.23	11.27	18.92	83.84	88.97
01-Oct-12 03:00:00	01-Oct-12 04:00:00	0.00	3.49	0.00	0.00	7.04	2.1	329.7	0.00	1.15	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	01-Oct-12 03:00:00	0.23	11.50	18.92	83.84	89.00
01-Oct-12 04:00:00	01-Oct-12 05:00:00	0.00	3.10	0.00	0.00	7.16	2.1	329.7	0.00	1.02	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	01-Oct-12 04:00:00	0.23	11.37	18.92	83.84	89.04
01-Oct-12 05:00:00	01-Oct-12 06:00:00	0.00	22.72	0.00	0.00	7.12	2.1	329.7	0.00	7.49	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	01-Oct-12 05:00:00	0.23	17.84	18.92	83.84	89.03
01-Oct-12 06:00:00	01-Oct-12 07:00:00	0.00	24.96	0.00	0.00	7.05	2.1	329.7	0.00	8.23	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	01-Oct-12 06:00:00	0.23	18.58	18.92	83.84	89.00
01-Oct-12 07:00:00	01-Oct-12 08:00:00	0.00	23.02	0.00	0.00	6.97	2.1	329.7	0.00	7.59	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Oct-12 07:00:00	0.23	17.94	18.92	83.84	88.98
01-Oct-12 08:00:00	01-Oct-12 09:00:00	0.00	28.38	0.00	0.00	6.96	2.1	329.7	0.00	9.36	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Oct-12 08:00:00	0.23	19.71	18.92	83.84	88.98
01-Oct-12 09:00:00	01-Oct-12 10:00:00	0.00	27.10	0.00	0.00	6.97	2.1	329.7	0.00	8.93	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Oct-12 09:00:00	0.23	19.28	18.92	83.84	88.98
01-Oct-12 10:00:00	01-Oct-12 11:00:00	0.00	24.47	0.00	0.00	6.96	2.1	329.7	0.00	8.07	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Oct-12 10:00:00	0.23	18.42	18.92	83.84	88.98
01-Oct-12 11:00:00	01-Oct-12 12:00:00	0.00	21.82	0.00	0.00	6.96	2.1	329.7	0.00	7.19	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Oct-12 11:00:00	0.23	17.54	18.92	83.84	88.97
01-Oct-12 12:00:00	01-Oct-12 13:00:00	0.00	21.94	0.00	0.00	6.96	2.1	329.7	0.00	7.23	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Oct-12 12:00:00	0.23	17.58	18.92	83.84	88.98
01-Oct-12 13:00:00	01-Oct-12 14:00:00	0.00	18.62	0.00	0.00	6.92	2.1	329.7	0.00	6.14	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	01-Oct-12 13:00:00	0.23	16.49	18.92	83.84	88.96
01-Oct-12 14:00:00	01-Oct-12 15:00:00	0.00	21.01	0.00	0.00	6.86	2.1	329.7	0.00	6.93	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	01-Oct-12 14:00:00	0.23	17.28	18.92	83.84	

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
03-Oct-12 01:00:00	03-Oct-12 02:00:00	0.00	5.59	0.00	0.00	6.20	2.1	329.7	0.00	1.84	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	03-Oct-12 01:00:00	0.23	12.19	18.92	83.84	88.72
03-Oct-12 02:00:00	03-Oct-12 03:00:00	0.00	5.88	0.00	0.00	6.32	2.1	329.7	0.00	1.94	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	03-Oct-12 02:00:00	0.23	12.29	18.92	83.84	88.76
03-Oct-12 03:00:00	03-Oct-12 04:00:00	0.00	6.10	0.00	0.00	6.32	2.1	329.7	0.00	2.01	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	03-Oct-12 03:00:00	0.23	12.36	18.92	83.84	88.76
03-Oct-12 04:00:00	03-Oct-12 05:00:00	0.00	0.56	0.00	0.00	6.30	2.1	329.7	0.00	0.18	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	03-Oct-12 04:00:00	0.23	10.53	18.92	83.84	88.76
03-Oct-12 05:00:00	03-Oct-12 06:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	03-Oct-12 05:00:00	0.23	10.35	18.92	83.84	88.75
03-Oct-12 06:00:00	03-Oct-12 07:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	03-Oct-12 06:00:00	0.23	10.35	18.92	83.84	88.75
03-Oct-12 07:00:00	03-Oct-12 08:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	03-Oct-12 07:00:00	0.23	10.35	18.92	83.84	88.72
03-Oct-12 08:00:00	03-Oct-12 09:00:00	0.00	0.22	0.00	0.00	6.10	2.1	329.7	0.00	0.07	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	03-Oct-12 08:00:00	0.23	10.42	18.92	83.84	88.69
03-Oct-12 09:00:00	03-Oct-12 10:00:00	0.00	0.82	0.00	0.00	6.01	2.1	329.7	0.00	0.27	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Oct-12 09:00:00	0.23	10.62	18.92	83.84	88.66
03-Oct-12 10:00:00	03-Oct-12 11:00:00	0.00	1.43	0.00	0.00	5.92	2.1	329.7	0.00	0.47	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	03-Oct-12 10:00:00	0.23	10.82	18.92	83.84	88.63
03-Oct-12 11:00:00	03-Oct-12 12:00:00	0.00	4.17	0.00	0.00	5.91	2.1	329.7	0.00	1.38	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	03-Oct-12 11:00:00	0.23	11.73	18.92	83.84	88.63
03-Oct-12 12:00:00	03-Oct-12 13:00:00	0.00	0.42	0.00	0.00	5.90	2.1	329.7	0.00	0.14	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	03-Oct-12 12:00:00	0.23	10.49	18.92	83.84	88.63
03-Oct-12 13:00:00	03-Oct-12 14:00:00	0.00	2.28	0.00	0.00	5.90	2.1	329.7	0.00	0.75	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	03-Oct-12 13:00:00	0.23	11.10	18.92	83.84	88.62
03-Oct-12 14:00:00	03-Oct-12 15:00:00	0.00	7.37	0.00	0.00	5.86	2.1	329.7	0.00	2.43	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	03-Oct-12 14:00:00	0.23	12.78	18.92	83.84	88.61
03-Oct-12 15:00:00	03-Oct-12 16:00:00	0.00	17.39	0.00	0.00	5.97	2.1	329.7	0.00	5.73	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	03-Oct-12 15:00:00	0.23	16.08	18.92	83.84	88.65
03-Oct-12 16:00:00	03-Oct-12 17:00:00	0.00	16.24	0.00	0.00	6.12	2.1	329.7	0.00	5.35	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	03-Oct-12 16:00:00	0.23	15.70	18.92	83.84	88.70
03-Oct-12 17:00:00	03-Oct-12 18:00:00	0.00	14.97	0.00	0.00	6.26	2.1	329.7	0.00	4.93	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	03-Oct-12 17:00:00	0.23	15.28	18.92	83.84	88.74
03-Oct-12 18:00:00	03-Oct-12 19:00:00	0.00	4.74	0.00	0.00	6.20	2.1	329.7	0.00	1.56	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	03-Oct-12 18:00:00	0.23	11.91	18.92	83.84	88.72
03-Oct-12 19:00:00	03-Oct-12 20:00:00	0.00	3.07	0.00	0.00	6.19	2.1	329.7	0.00	1.01	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	03-Oct-12 19:00:00	0.23	11.36	18.92	83.84	88.72
03-Oct-12 20:00:00	03-Oct-12 21:00:00	0.00	3.60	0.00	0.00	6.25	2.1	329.7	0.00	1.19	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	03-Oct-12 20:00:00	0.23	11.54	18.92	83.84	88.74
03-Oct-12 21:00:00	03-Oct-12 22:00:00	0.00	5.04	0.00	0.00	6.31	2.1	329.7	0.00	1.66	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	03-Oct-12 21:00:00	0.23	12.01	18.92	83.84	88.76
03-Oct-12 22:00:00	03-Oct-12 23:00:00	0.00	0.39	0.00	0.00	6.37	2.1	329.7	0.00	0.13	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	03-Oct-12 22:00:00	0.23	10.48	18.92	83.84	88.78
03-Oct-12 23:00:00	04-Oct-12 00:00:00	0.00	0.09	0.00	0.00	6.43	2.1	329.7	0.00	0.03	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	03-Oct-12 23:00:00	0.23	10.38	18.92	83.84	88.80
04-Oct-12 00:00:00	04-Oct-12 01:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	04-Oct-12 00:00:00	0.23	10.35	18.92	83.84	88.81
04-Oct-12 01:00:00	04-Oct-12 02:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	04-Oct-12 01:00:00	0.23	10.35	18.92	83.84	88.83
04-Oct-12 02:00:00	04-Oct-12 03:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	04-Oct-12 02:00:00	0.23	10.35	18.92	83.84	88.91
04-Oct-12 03:00:00	04-Oct-12 04:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	04-Oct-12 03:00:00	0.23	10.35	18.92	83.84	88.93
04-Oct-12 04:00:00	04-Oct-12 05:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	04-Oct-12 04:00:00	0.23	10.35	18.92	83.84	88.93
04-Oct-12 05:00:00	04-Oct-12 06:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	04-Oct-12 05:00:00	0.23	10.35	18.92	83.84	88.93
04-Oct-12 06:00:00	04-Oct-12 07:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	04-Oct-12 06:00:00	0.23	10.35	18.92	83.84	88.94
04-Oct-12 07:00:00	04-Oct-12 08:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	04-Oct-12 07:00:00	0.23	10.35	18.92	83.84	88.96
04-Oct-12 08:00:00	04-Oct-12 09:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	04-Oct-12 08:00:00	0.23	10.35	18.92	83.84	88.97
04-Oct-12 09:00:00	04-Oct-12 10:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	04-Oct-12 09:00:00	0.23	10.35	18.92	83.84	88.98
04-Oct-12 10:00:00	04-Oct-12 11:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	04-Oct-12 10:00:00	0.23	10.35	18.92	83.84	88.90
04-Oct-12 11:00:00	04-Oct-12 12:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	04-Oct-12 11:00:00	0.23	10.35	18.92	83.84	88.83
04-Oct-12 12:00:00	04-Oct-12 13:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	04-Oct-12 12:00:00	0.23	10.35	18.92	83.84	88.78
04-Oct-12 13:00:00	04-Oct-12 14:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	04-Oct-12 13:00:00	0.23	10.35	18.92	83.84	88.74
04-Oct-12 14:00:00	04-Oct-12 15:00:00	0.00	0.50	0.00	0.00	6.12	2.1	329.7	0.00	0.16	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	04-Oct-12 14:00:00	0.23	10.51	18.92	83.84	88.70

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL NO. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL NO. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
06-Oct-12 01:00:00	06-Oct-12 02:00:00	0.00	0.03	0.00	0.00	6.74	2.1	329.7	0.00	0.01	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	06-Oct-12 01:00:00	0.23	10.36	18.92	83.84	88.90
06-Oct-12 02:00:00	06-Oct-12 03:00:00	0.00	5.22	0.00	0.00	6.90	2.1	329.7	0.00	1.72	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	06-Oct-12 02:00:00	0.23	12.07	18.92	83.84	88.95
06-Oct-12 03:00:00	06-Oct-12 04:00:00	0.00	6.08	0.00	0.00	6.95	2.1	329.7	0.00	2.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	06-Oct-12 03:00:00	0.23	12.35	18.92	83.84	88.97
06-Oct-12 04:00:00	06-Oct-12 05:00:00	0.00	1.13	0.00	0.00	6.97	2.1	329.7	0.00	0.37	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	06-Oct-12 04:00:00	0.23	10.72	18.92	83.84	88.98
06-Oct-12 05:00:00	06-Oct-12 06:00:00	0.00	0.35	0.00	0.00	7.00	2.1	329.7	0.00	0.11	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	06-Oct-12 05:00:00	0.23	10.46	18.92	83.84	88.99
06-Oct-12 06:00:00	06-Oct-12 07:00:00	0.00	7.23	0.00	0.00	7.06	2.1	329.7	0.00	2.38	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	06-Oct-12 06:00:00	0.23	12.73	18.92	83.84	89.01
06-Oct-12 07:00:00	06-Oct-12 08:00:00	0.00	8.08	0.00	0.00	7.04	2.1	329.7	0.00	2.66	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	06-Oct-12 07:00:00	0.23	13.01	18.92	83.84	89.00
06-Oct-12 08:00:00	06-Oct-12 09:00:00	0.00	6.43	0.00	0.00	6.98	2.1	329.7	0.00	2.12	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	06-Oct-12 08:00:00	0.23	12.47	18.92	83.84	88.98
06-Oct-12 09:00:00	06-Oct-12 10:00:00	0.00	0.89	0.00	0.00	6.92	2.1	329.7	0.00	0.29	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Oct-12 09:00:00	0.23	10.64	18.92	83.84	88.96
06-Oct-12 10:00:00	06-Oct-12 11:00:00	0.00	2.11	0.00	0.00	6.81	2.1	329.7	0.00	0.70	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	06-Oct-12 10:00:00	0.23	11.05	18.92	83.84	88.93
06-Oct-12 11:00:00	06-Oct-12 12:00:00	0.00	2.28	0.00	0.00	6.59	2.1	329.7	0.00	0.75	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	06-Oct-12 11:00:00	0.23	11.10	18.92	83.84	88.85
06-Oct-12 12:00:00	06-Oct-12 13:00:00	0.00	1.51	0.00	0.00	6.35	2.1	329.7	0.00	0.50	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	06-Oct-12 12:00:00	0.23	10.85	18.92	83.84	88.78
06-Oct-12 13:00:00	06-Oct-12 14:00:00	0.00	11.19	0.00	0.00	6.12	2.1	329.7	0.00	3.69	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	06-Oct-12 13:00:00	0.23	14.04	18.92	83.84	88.70
06-Oct-12 14:00:00	06-Oct-12 15:00:00	0.00	9.00	0.00	0.00	5.81	2.1	329.7	0.00	2.97	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	06-Oct-12 14:00:00	0.23	13.42	18.92	83.84	88.60
06-Oct-12 15:00:00	06-Oct-12 16:00:00	0.00	9.29	0.00	0.00	5.68	2.1	329.7	0.00	3.06	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	06-Oct-12 15:00:00	0.23	13.41	18.92	83.84	88.55
06-Oct-12 16:00:00	06-Oct-12 17:00:00	0.00	8.41	0.00	0.00	5.60	2.1	329.7	0.00	2.77	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	06-Oct-12 16:00:00	0.23	13.12	18.92	83.84	88.53
06-Oct-12 17:00:00	06-Oct-12 18:00:00	0.00	13.71	0.00	0.00	5.52	2.1	329.7	0.00	4.52	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	06-Oct-12 17:00:00	0.23	14.87	18.92	83.84	88.50
06-Oct-12 18:00:00	06-Oct-12 19:00:00	0.00	12.47	0.00	0.00	5.52	2.1	329.7	0.00	4.11	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	06-Oct-12 18:00:00	0.23	14.46	18.92	83.84	88.50
06-Oct-12 19:00:00	06-Oct-12 20:00:00	0.00	8.83	0.00	0.00	5.69	2.1	329.7	0.00	2.91	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	06-Oct-12 19:00:00	0.23	13.26	18.92	83.84	88.55
06-Oct-12 20:00:00	06-Oct-12 21:00:00	0.00	2.70	0.00	0.00	5.87	2.1	329.7	0.00	0.89	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	06-Oct-12 20:00:00	0.23	11.24	18.92	83.84	88.61
06-Oct-12 21:00:00	06-Oct-12 22:00:00	0.00	2.57	0.00	0.00	6.05	2.1	329.7	0.00	0.85	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	06-Oct-12 21:00:00	0.23	11.20	18.92	83.84	88.67
06-Oct-12 22:00:00	06-Oct-12 23:00:00	0.00	0.74	0.00	0.00	6.19	2.1	329.7	0.00	0.24	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	06-Oct-12 22:00:00	0.23	10.59	18.92	83.84	88.72
06-Oct-12 23:00:00	07-Oct-12 00:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	06-Oct-12 23:00:00	0.23	10.35	18.92	83.84	88.78
07-Oct-12 00:00:00	07-Oct-12 01:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	07-Oct-12 00:00:00	0.23	10.35	18.92	83.84	88.85
07-Oct-12 01:00:00	07-Oct-12 02:00:00	0.00	1.84	0.00	0.00	6.77	2.1	329.7	0.00	0.61	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	07-Oct-12 01:00:00	0.23	10.96	18.92	83.84	88.91
07-Oct-12 02:00:00	07-Oct-12 03:00:00	0.00	0.73	0.00	0.00	6.95	2.1	329.7	0.00	0.24	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	07-Oct-12 02:00:00	0.23	10.59	18.92	83.84	88.97
07-Oct-12 03:00:00	07-Oct-12 04:00:00	0.00	0.32	0.00	0.00	7.09	2.1	329.7	0.00	0.11	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	07-Oct-12 03:00:00	0.23	10.46	18.92	83.84	89.02
07-Oct-12 04:00:00	07-Oct-12 05:00:00	0.00	1.18	0.00	0.00	7.23	2.1	329.7	0.00	0.39	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	07-Oct-12 04:00:00	0.23	10.74	18.92	83.84	89.06
07-Oct-12 05:00:00	07-Oct-12 06:00:00	0.00	3.28	0.00	0.00	7.37	2.1	329.7	0.00	1.08	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	07-Oct-12 05:00:00	0.23	11.43	18.92	83.84	89.11
07-Oct-12 06:00:00	07-Oct-12 07:00:00	0.00	12.34	0.00	0.00	7.54	2.1	329.7	0.00	4.07	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	07-Oct-12 06:00:00	0.23	14.42	18.92	83.84	89.17
07-Oct-12 07:00:00	07-Oct-12 08:00:00	0.00	12.55	0.00	0.00	7.55	2.1	329.7	0.00	4.14	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	07-Oct-12 07:00:00	0.23	14.49	18.92	83.84	89.17
07-Oct-12 08:00:00	07-Oct-12 09:00:00	0.00	14.04	0.00	0.00	7.52	2.1	329.7	0.00	4.63	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	07-Oct-12 08:00:00	0.23	14.98	18.92	83.84	89.16
07-Oct-12 09:00:00	07-Oct-12 10:00:00	0.00	11.27	0.00	0.00	7.50	2.1	329.7	0.00	3.72	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	07-Oct-12 09:00:00	0.23	14.07	18.92	83.84	89.15
07-Oct-12 10:00:00	07-Oct-12 11:00:00	0.00	14.70	0.00	0.00	7.47	2.1	329.7	0.00	4.85	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	07-Oct-12 10:00:00	0.23	15.20	18.92	83.84	89.14
07-Oct-12 11:00:00	07-Oct-12 12:00:00	0.00	15.79	0.00	0.00	7.39	2.1	329.7	0.00	5.21	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	07-Oct-12 11:00:00	0.23	15.56	18.92	83.84	89.12
07-Oct-12 12:00:00	07-Oct-12 13:00:00	0.00	15.07	0.00	0.00	7.30	2.1	329.7	0.00	4.97	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	07-Oct-12 12:00:00	0.23	15.32	18.92	83.84	89.09
07-Oct-12 13:00:00	07-Oct-12 14:00:00	0.00	14.93	0.00	0.00	7.21	2.1	329.7	0.00	4.92	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	07-Oct-12 13:00:00	0.23	15.27	18.92	83.84	89.06
07-Oct-12 14:00:00	07-Oct-12 15:00:00	0.00	13.62	0.00	0.00	7.17	2.1	329.7	0.00	4.49	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	07-Oct-12 14:00:00	0.23</				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTCB2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
09-Oct-12 01:00:00	09-Oct-12 02:00:00	0.00	16.72	0.00	0.00	8.04	2.1	329.7	0.00	5.51	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	09-Oct-12 01:00:00	0.23	15.86	18.92	83.84	89.33					
09-Oct-12 02:00:00	09-Oct-12 03:00:00	0.00	15.98	0.00	0.00	8.07	2.1	329.7	0.00	5.27	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	09-Oct-12 02:00:00	0.23	15.62	18.92	83.84	89.34					
09-Oct-12 03:00:00	09-Oct-12 04:00:00	0.00	15.60	0.00	0.00	8.08	2.1	329.7	0.00	5.14	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	09-Oct-12 03:00:00	0.23	15.49	18.92	83.84	89.34					
09-Oct-12 04:00:00	09-Oct-12 05:00:00	0.00	7.14	0.00	0.00	8.06	2.1	329.7	0.00	2.35	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	09-Oct-12 04:00:00	0.23	12.70	18.92	83.84	89.34					
09-Oct-12 05:00:00	09-Oct-12 06:00:00	0.00	5.29	0.00	0.00	8.05	2.1	329.7	0.00	1.74	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	09-Oct-12 05:00:00	0.23	12.09	18.92	83.84	89.33					
09-Oct-12 06:00:00	09-Oct-12 07:00:00	0.00	2.30	0.00	0.00	8.02	2.1	329.7	0.00	0.76	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	09-Oct-12 06:00:00	0.23	11.11	18.92	83.84	89.33					
09-Oct-12 07:00:00	09-Oct-12 08:00:00	0.00	4.54	0.00	0.00	7.89	2.1	329.7	0.00	1.50	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	09-Oct-12 07:00:00	0.23	11.85	18.92	83.84	89.28					
09-Oct-12 08:00:00	09-Oct-12 09:00:00	0.00	2.49	0.00	0.00	7.74	2.1	329.7	0.00	0.82	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	09-Oct-12 08:00:00	0.23	11.17	18.92	83.84	89.23					
09-Oct-12 09:00:00	09-Oct-12 10:00:00	0.00	3.21	0.00	0.00	7.59	2.1	329.7	0.00	1.06	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	09-Oct-12 09:00:00	0.23	11.41	18.92	83.84	89.18					
09-Oct-12 10:00:00	09-Oct-12 11:00:00	0.00	1.62	0.00	0.00	7.48	2.1	329.7	0.00	0.53	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	09-Oct-12 10:00:00	0.23	10.88	18.92	83.84	89.14					
09-Oct-12 11:00:00	09-Oct-12 12:00:00	0.00	1.39	0.00	0.00	7.45	2.1	329.7	0.00	0.46	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	09-Oct-12 11:00:00	0.23	10.81	18.92	83.84	89.13					
09-Oct-12 12:00:00	09-Oct-12 13:00:00	0.00	2.31	0.00	0.00	7.42	2.1	329.7	0.00	0.76	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	09-Oct-12 12:00:00	0.23	11.11	18.92	83.84	89.13					
09-Oct-12 13:00:00	09-Oct-12 14:00:00	0.00	1.69	0.00	0.00	7.40	2.1	329.7	0.00	0.56	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	09-Oct-12 13:00:00	0.23	10.91	18.92	83.84	89.12					
09-Oct-12 14:00:00	09-Oct-12 15:00:00	0.00	1.14	0.00	0.00	7.40	2.1	329.7	0.00	0.37	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	09-Oct-12 14:00:00	0.23	10.72	18.92	83.84	89.12					
09-Oct-12 15:00:00	09-Oct-12 16:00:00	0.00	9.02	44.60	0.00	7.29	2.1	329.7	0.00	2.97	14.70	0.00	2.40	0.23	10.35	18.92	83.84	86.68	09-Oct-12 15:00:00	0.23	13.32	33.62	83.84	89.08					
09-Oct-12 16:00:00	09-Oct-12 17:00:00	0.00	10.10	18.98	0.00	7.15	2.1	329.7	0.00	3.33	6.26	0.00	2.36	0.23	10.35	18.92	83.84	86.68	09-Oct-12 16:00:00	0.23	13.68	25.18	83.84	89.04					
09-Oct-12 17:00:00	09-Oct-12 18:00:00	0.00	8.55	0.00	0.00	7.01	2.1	329.7	0.00	2.82	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	09-Oct-12 17:00:00	0.23	13.17	18.92	83.84	88.99					
09-Oct-12 18:00:00	09-Oct-12 19:00:00	0.00	36.68	0.00	0.00	6.91	2.1	329.7	0.00	12.09	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	09-Oct-12 18:00:00	0.23	22.44	18.92	83.84	88.96					
09-Oct-12 19:00:00	09-Oct-12 20:00:00	0.00	17.59	0.00	0.00	6.91	2.1	329.7	0.00	5.80	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	09-Oct-12 19:00:00	0.23	16.15	18.92	83.84	88.96					
09-Oct-12 20:00:00	09-Oct-12 21:00:00	0.00	14.40	0.00	0.00	6.92	2.1	329.7	0.00	4.75	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	09-Oct-12 20:00:00	0.23	15.10	18.92	83.84	88.96					
09-Oct-12 21:00:00	09-Oct-12 22:00:00	0.00	13.80	0.00	0.00	6.93	2.1	329.7	0.00	4.55	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	09-Oct-12 21:00:00	0.23	14.90	18.92	83.84	88.96					
09-Oct-12 22:00:00	09-Oct-12 23:00:00	0.00	15.56	0.00	0.00	6.99	2.1	329.7	0.00	5.13	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	09-Oct-12 22:00:00	0.23	15.48	18.92	83.84	88.98					
09-Oct-12 23:00:00	10-Oct-12 00:00:00	0.00	18.08	0.00	0.00	7.26	2.1	329.7	0.00	5.96	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	09-Oct-12 23:00:00	0.23	16.31	18.92	83.84	89.07					
10-Oct-12 00:00:00	10-Oct-12 01:00:00	0.00	14.95	0.00	0.00	7.55	2.1	329.7	0.00	4.93	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	10-Oct-12 00:00:00	0.23	15.28	18.92	83.84	89.17					
10-Oct-12 01:00:00	10-Oct-12 02:00:00	0.00	9.31	0.00	0.00	7.85	2.1	329.7	0.00	3.07	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	10-Oct-12 01:00:00	0.23	13.42	18.92	83.84	89.27					
10-Oct-12 02:00:00	10-Oct-12 03:00:00	0.00	10.18	0.00	0.00	8.04	2.1	329.7	0.00	3.36	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	10-Oct-12 02:00:00	0.23	13.71	18.92	83.84	89.33					
10-Oct-12 03:00:00	10-Oct-12 04:00:00	0.00	6.74	0.00	0.00	8.04	2.1	329.7	0.00	2.22	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	10-Oct-12 03:00:00	0.23	12.57	18.92	83.84	89.33					
10-Oct-12 04:00:00	10-Oct-12 05:00:00	0.00	4.76	0.00	0.00	8.04	2.1	329.7	0.00	1.57	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	10-Oct-12 04:00:00	0.23	11.92	18.92	83.84	89.33					
10-Oct-12 05:00:00	10-Oct-12 06:00:00	0.00	2.23	0.00	0.00	8.04	2.1	329.7	0.00	0.73	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	10-Oct-12 05:00:00	0.23	11.08	18.92	83.84	89.33					
10-Oct-12 06:00:00	10-Oct-12 07:00:00	0.00	1.56	0.00	0.00	8.03	2.1	329.7	0.00	0.50	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	10-Oct-12 06:00:00	0.23	10.86	18.92	83.84	89.33					
10-Oct-12 07:00:00	10-Oct-12 08:00:00	0.00	6.12	0.00	0.00	8.00	2.1	329.7	0.00	2.02	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	10-Oct-12 07:00:00	0.23	12.37	18.92	83.84	89.32					
10-Oct-12 08:00:00	10-Oct-12 09:00:00	0.00	19.82	0.00	0.00	7.96	2.1	329.7	0.00	6.54	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	10-Oct-12 08:00:00	0.23	16.89	18.92	83.84	89.30					
10-Oct-12 09:00:00	10-Oct-12 10:00:00	0.00	18.60	0.00	0.00	7.92	2.1	329.7	0.00	6.13	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	10-Oct-12 09:00:00	0.23	16.48	18.92	83.84	89.29					
10-Oct-12 10:00:00	10-Oct-12 11:00:00	0.00	14.54	0.00	0.00	7.83	2.1	329.7	0.00	4.80	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	10-Oct-12 10:00:00	0.23	15.15	18.92	83.84	89.26					
10-Oct-12 11:00:00	10-Oct-12 12:00:00	0.00	12.20	0.00	0.00	7.47	2.1	329.7	0.00	4.02	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	10-Oct-12 11:00:00	0.23	14.37	18.92	83.84	89.14					
10-Oct-12 12:00:00	10-Oct-12 13:00:00	0.00	7.20	0.00	0.00	7.06	2.1	329.7	0.00	2.37	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	10-Oct-12 12:00:00	0.23	12.72	18.92	83.84	89.01					
10-Oct-12 13:00:00	10-Oct-12 14:00:00	0.00	13.71	0.00	0.00	6.66	2.1	329.7	0.00	4.52	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	10-Oct-12 13:00:00	0.23	14.87	18.92	83.84	88.88					
10-Oct-12 14:00:00	10-Oct-12 15:00:00	0.00	13.15	0.00	0.00	6.36	2.1	329.7	0.00	4.33	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	10-Oct-12 14:00:00	0.23	14.68	18.92	83.84	88.78					
10-Oct-12 15:00:00	10-Oct-12 16:00:00	0.00	6.93	0.00	0.00	6.33	2.1	329.7	0.00	2.28	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	10-Oct-12 15:00:00	0.23	12.63	18.92	83.84	88.77					
10-Oct-12 16:00:00	10-Oct-12 17:00:00	0.00	26.52	0.00	0.00	6.33	2.1	329.7	0.00	8.74	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	10-Oct-12 16:00:00	0.23	19.09	18.92	83.84	88.77					
10-Oct-12 17:00:00	10-Oct-12 18:00:00	0.00	32.96	0.00	0.00	6.32	2.1	329.7	0.00	10.87	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	10-Oct-12 17:00:00	0.23	21.22	18.92	83.84	88.76					
10-Oct-12 18:00:00	10-Oct																												

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
12-Oct-12 01:00:00	12-Oct-12 02:00:00	0.00	0.67	0.00	0.00	7.44	2.1	329.7	0.00	0.22	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	12-Oct-12 01:00:00	0.23	10.57	18.92	83.84	89.13
12-Oct-12 02:00:00	12-Oct-12 03:00:00	0.00	7.70	0.00	0.00	8.02	2.1	329.7	0.00	2.54	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	12-Oct-12 02:00:00	0.23	12.89	18.92	83.84	89.33
12-Oct-12 03:00:00	12-Oct-12 04:00:00	0.00	4.56	0.00	0.00	7.85	2.1	329.7	0.00	1.50	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	12-Oct-12 03:00:00	0.23	11.85	18.92	83.84	89.27
12-Oct-12 04:00:00	12-Oct-12 05:00:00	0.00	9.09	0.00	0.00	7.60	2.1	329.7	0.00	3.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	12-Oct-12 04:00:00	0.23	13.35	18.92	83.84	89.19
12-Oct-12 05:00:00	12-Oct-12 06:00:00	0.00	12.24	0.00	0.00	7.97	2.1	329.7	0.00	4.03	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	12-Oct-12 05:00:00	0.23	14.38	18.92	83.84	89.31
12-Oct-12 06:00:00	12-Oct-12 07:00:00	0.00	9.96	0.00	0.00	7.40	2.1	329.7	0.00	3.28	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	12-Oct-12 06:00:00	0.23	13.63	18.92	83.84	89.12
12-Oct-12 07:00:00	12-Oct-12 08:00:00	0.00	16.51	0.00	0.00	7.27	2.1	329.7	0.00	5.44	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	12-Oct-12 07:00:00	0.23	15.79	18.92	83.84	89.08
12-Oct-12 08:00:00	12-Oct-12 09:00:00	0.00	0.81	0.00	0.00	7.14	2.1	329.7	0.00	0.27	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	12-Oct-12 08:00:00	0.23	10.62	18.92	83.84	89.04
12-Oct-12 09:00:00	12-Oct-12 10:00:00	0.00	0.39	0.00	0.00	7.01	2.1	329.7	0.00	0.13	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	12-Oct-12 09:00:00	0.23	10.48	18.92	83.84	88.99
12-Oct-12 10:00:00	12-Oct-12 11:00:00	0.00	2.44	0.00	0.00	6.77	2.1	329.7	0.00	0.80	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	12-Oct-12 10:00:00	0.23	11.15	18.92	83.84	88.91
12-Oct-12 11:00:00	12-Oct-12 12:00:00	0.00	1.72	0.00	0.00	6.51	2.1	329.7	0.00	0.57	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	12-Oct-12 11:00:00	0.23	10.92	18.92	83.84	88.83
12-Oct-12 12:00:00	12-Oct-12 13:00:00	0.00	1.89	0.00	0.00	6.25	2.1	329.7	0.00	0.62	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	12-Oct-12 12:00:00	0.23	10.97	18.92	83.84	88.74
12-Oct-12 13:00:00	12-Oct-12 14:00:00	0.00	0.90	0.00	0.00	5.99	2.1	329.7	0.00	0.30	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Oct-12 13:00:00	0.23	10.65	18.92	83.84	88.66
12-Oct-12 14:00:00	12-Oct-12 15:00:00	0.00	15.52	0.00	0.00	5.70	2.1	329.7	0.00	5.12	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	12-Oct-12 14:00:00	0.23	15.47	18.92	83.84	88.56
12-Oct-12 15:00:00	12-Oct-12 16:00:00	0.00	18.37	0.00	0.00	5.64	2.1	329.7	0.00	6.06	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	12-Oct-12 15:00:00	0.23	16.41	18.92	83.84	88.54
12-Oct-12 16:00:00	12-Oct-12 17:00:00	0.00	3.28	0.00	0.00	5.57	2.1	329.7	0.00	1.08	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	12-Oct-12 16:00:00	0.23	11.43	18.92	83.84	88.52
12-Oct-12 17:00:00	12-Oct-12 18:00:00	0.00	0.93	0.00	0.00	5.50	2.1	329.7	0.00	0.31	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	12-Oct-12 17:00:00	0.23	10.66	18.92	83.84	88.49
12-Oct-12 18:00:00	12-Oct-12 19:00:00	0.00	0.94	0.00	0.00	5.47	2.1	329.7	0.00	0.31	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	12-Oct-12 18:00:00	0.23	10.66	18.92	83.84	88.48
12-Oct-12 19:00:00	12-Oct-12 20:00:00	0.00	1.71	0.00	0.00	5.69	2.1	329.7	0.00	0.56	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	12-Oct-12 19:00:00	0.23	10.91	18.92	83.84	88.56
12-Oct-12 20:00:00	12-Oct-12 21:00:00	0.00	9.95	0.00	0.00	5.92	2.1	329.7	0.00	3.28	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	12-Oct-12 20:00:00	0.23	13.63	18.92	83.84	88.63
12-Oct-12 21:00:00	12-Oct-12 22:00:00	0.00	15.79	0.00	0.00	6.14	2.1	329.7	0.00	5.21	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	12-Oct-12 21:00:00	0.23	15.56	18.92	83.84	88.71
12-Oct-12 22:00:00	12-Oct-12 23:00:00	0.00	4.33	0.00	0.00	6.40	2.1	329.7	0.00	1.43	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	12-Oct-12 22:00:00	0.23	11.78	18.92	83.84	88.79
12-Oct-12 23:00:00	13-Oct-12 00:00:00	0.00	4.64	0.00	0.00	6.54	2.1	329.7	0.00	1.53	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	12-Oct-12 23:00:00	0.23	11.88	18.92	83.84	88.84
13-Oct-12 00:00:00	13-Oct-12 01:00:00	0.00	7.86	0.00	0.00	6.68	2.1	329.7	0.00	2.59	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	13-Oct-12 00:00:00	0.23	12.94	18.92	83.84	88.88
13-Oct-12 01:00:00	13-Oct-12 02:00:00	0.00	4.80	0.00	0.00	6.82	2.1	329.7	0.00	1.58	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	13-Oct-12 01:00:00	0.23	11.93	18.92	83.84	88.93
13-Oct-12 02:00:00	13-Oct-12 03:00:00	0.00	3.77	0.00	0.00	6.95	2.1	329.7	0.00	1.24	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	13-Oct-12 02:00:00	0.23	11.59	18.92	83.84	88.97
13-Oct-12 03:00:00	13-Oct-12 04:00:00	0.00	3.06	0.00	0.00	7.10	2.1	329.7	0.00	1.01	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	13-Oct-12 03:00:00	0.23	11.36	18.92	83.84	89.02
13-Oct-12 04:00:00	13-Oct-12 05:00:00	0.00	4.82	0.00	0.00	7.25	2.1	329.7	0.00	1.59	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	13-Oct-12 04:00:00	0.23	11.94	18.92	83.84	89.07
13-Oct-12 05:00:00	13-Oct-12 06:00:00	0.00	4.63	0.00	0.00	7.40	2.1	329.7	0.00	1.53	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	13-Oct-12 05:00:00	0.23	11.88	18.92	83.84	89.12
13-Oct-12 06:00:00	13-Oct-12 07:00:00	0.00	0.93	0.00	0.00	7.51	2.1	329.7	0.00	0.31	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	13-Oct-12 06:00:00	0.23	10.66	18.92	83.84	89.16
13-Oct-12 07:00:00	13-Oct-12 08:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	13-Oct-12 07:00:00	0.23	10.35	18.92	83.84	89.15
13-Oct-12 08:00:00	13-Oct-12 09:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	13-Oct-12 08:00:00	0.23	10.35	18.92	83.84	89.15
13-Oct-12 09:00:00	13-Oct-12 10:00:00	0.00	4.74	0.00	0.00	7.50	2.1	329.7	0.00	1.56	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	13-Oct-12 09:00:00	0.23	11.91	18.92	83.84	89.15
13-Oct-12 10:00:00	13-Oct-12 11:00:00	0.00	3.06	0.00	0.00	7.39	2.1	329.7	0.00	1.01	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	13-Oct-12 10:00:00	0.23	11.36	18.92	83.84	89.12
13-Oct-12 11:00:00	13-Oct-12 12:00:00	0.00	7.44	0.00	0.00	7.09	2.1	329.7	0.00	2.45	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	13-Oct-12 11:00:00	0.23	12.80	18.92	83.84	89.02
13-Oct-12 12:00:00	13-Oct-12 13:00:00	0.00	5.30	0.00	0.00	6.79	2.1	329.7	0.00	1.75	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	13-Oct-12 12:00:00	0.23	12.10	18.92	83.84	88.92
13-Oct-12 13:00:00	13-Oct-12 14:00:00	0.00	0.88	0.00	0.00	6.49	2.1	329.7	0.00	0.29	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	13-Oct-12 13:00:00	0.23	10.64	18.92	83.84	88.82
13-Oct-12 14:00:00	13-Oct-12 15:00:00	0.00	2.59	0.00	0.00	6.37	2.1	329.7	0.00	0.85	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	13-Oct-12 14:00:00	0.23	11.20			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
15-Oct-12 01:00:00	15-Oct-12 02:00:00	0.00	0.28	0.00	0.00	6.01	2.1	329.7	0.00	0.09	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	15-Oct-12 01:00:00	0.23	10.44	18.92	83.84	86.68
15-Oct-12 02:00:00	15-Oct-12 03:00:00	0.00	0.07	0.00	0.00	6.02	2.1	329.7	0.00	0.02	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	15-Oct-12 02:00:00	0.23	10.37	18.92	83.84	86.68
15-Oct-12 03:00:00	15-Oct-12 04:00:00	0.00	2.60	0.00	0.00	6.11	2.1	329.7	0.00	0.86	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	15-Oct-12 03:00:00	0.23	11.21	18.92	83.84	86.68
15-Oct-12 04:00:00	15-Oct-12 05:00:00	0.00	21.56	0.00	0.00	6.19	2.1	329.7	0.00	7.11	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	15-Oct-12 04:00:00	0.23	17.46	18.92	83.84	86.68
15-Oct-12 05:00:00	15-Oct-12 06:00:00	0.00	8.71	0.00	0.00	6.28	2.1	329.7	0.00	2.87	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	15-Oct-12 05:00:00	0.23	13.22	18.92	83.84	86.68
15-Oct-12 06:00:00	15-Oct-12 07:00:00	0.00	1.77	0.00	0.00	6.34	2.1	329.7	0.00	0.58	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 06:00:00	0.23	10.93	18.92	83.84	86.68
15-Oct-12 07:00:00	15-Oct-12 08:00:00	0.00	1.16	0.00	0.00	6.34	2.1	329.7	0.00	0.38	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 07:00:00	0.23	10.73	18.92	83.84	86.68
15-Oct-12 08:00:00	15-Oct-12 09:00:00	0.00	0.83	0.00	0.00	6.34	2.1	329.7	0.00	0.27	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 08:00:00	0.23	10.62	18.92	83.84	86.68
15-Oct-12 09:00:00	15-Oct-12 10:00:00	0.00	1.14	0.00	0.00	6.34	2.1	329.7	0.00	0.38	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 09:00:00	0.23	10.73	18.92	83.84	86.68
15-Oct-12 10:00:00	15-Oct-12 11:00:00	0.00	2.92	0.00	0.00	6.35	2.1	329.7	0.00	0.96	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 10:00:00	0.23	11.31	18.92	83.84	86.68
15-Oct-12 11:00:00	15-Oct-12 12:00:00	0.00	1.68	0.00	0.00	6.35	2.1	329.7	0.00	0.55	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 11:00:00	0.23	10.90	18.92	83.84	86.68
15-Oct-12 12:00:00	15-Oct-12 13:00:00	0.00	1.64	0.00	0.00	6.34	2.1	329.7	0.00	0.54	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 12:00:00	0.23	10.89	18.92	83.84	86.68
15-Oct-12 13:00:00	15-Oct-12 14:00:00	0.00	13.86	0.00	0.00	6.34	2.1	329.7	0.00	4.57	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 13:00:00	0.23	14.92	18.92	83.84	86.68
15-Oct-12 14:00:00	15-Oct-12 15:00:00	0.00	5.29	0.00	0.00	6.34	2.1	329.7	0.00	1.74	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 14:00:00	0.23	12.09	18.92	83.84	86.68
15-Oct-12 15:00:00	15-Oct-12 16:00:00	0.00	11.12	0.00	0.00	6.34	2.1	329.7	0.00	3.67	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 15:00:00	0.23	14.02	18.92	83.84	86.68
15-Oct-12 16:00:00	15-Oct-12 17:00:00	0.00	10.33	0.00	0.00	6.34	2.1	329.7	0.00	3.41	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 16:00:00	0.23	13.76	18.92	83.84	86.68
15-Oct-12 17:00:00	15-Oct-12 18:00:00	0.00	20.15	0.00	0.00	6.34	2.1	329.7	0.00	6.64	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	15-Oct-12 17:00:00	0.23	16.99	18.92	83.84	86.68
15-Oct-12 18:00:00	15-Oct-12 19:00:00	0.00	19.58	0.00	0.00	6.39	2.1	329.7	0.00	6.46	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	15-Oct-12 18:00:00	0.23	16.81	18.92	83.84	86.68
15-Oct-12 19:00:00	15-Oct-12 20:00:00	0.00	14.46	0.00	0.00	6.48	2.1	329.7	0.00	4.77	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	15-Oct-12 19:00:00	0.23	15.12	18.92	83.84	86.68
15-Oct-12 20:00:00	15-Oct-12 21:00:00	0.00	9.80	0.00	0.00	6.57	2.1	329.7	0.00	3.23	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	15-Oct-12 20:00:00	0.23	13.58	18.92	83.84	86.68
15-Oct-12 21:00:00	15-Oct-12 22:00:00	0.00	4.53	0.00	0.00	6.66	2.1	329.7	0.00	1.49	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	15-Oct-12 21:00:00	0.23	11.84	18.92	83.84	86.68
15-Oct-12 22:00:00	15-Oct-12 23:00:00	0.00	1.88	0.00	0.00	6.85	2.1	329.7	0.00	0.62	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	15-Oct-12 22:00:00	0.23	10.97	18.92	83.84	86.68
15-Oct-12 23:00:00	16-Oct-12 00:00:00	0.00	1.98	0.00	0.00	6.87	2.1	329.7	0.00	0.65	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	15-Oct-12 23:00:00	0.23	11.00	18.92	83.84	86.68
16-Oct-12 00:00:00	16-Oct-12 01:00:00	0.00	9.52	0.00	0.00	6.89	2.1	329.7	0.00	3.14	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	16-Oct-12 00:00:00	0.23	13.49	18.92	83.84	86.68
16-Oct-12 01:00:00	16-Oct-12 02:00:00	0.00	6.54	0.00	0.00	6.91	2.1	329.7	0.00	2.16	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	16-Oct-12 01:00:00	0.23	12.51	18.92	83.84	86.68
16-Oct-12 02:00:00	16-Oct-12 03:00:00	0.00	7.10	0.00	0.00	6.97	2.1	329.7	0.00	2.34	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	16-Oct-12 02:00:00	0.23	12.69	18.92	83.84	86.68
16-Oct-12 03:00:00	16-Oct-12 04:00:00	0.00	2.02	0.00	0.00	7.12	2.1	329.7	0.00	0.67	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	16-Oct-12 03:00:00	0.23	11.02	18.92	83.84	86.68
16-Oct-12 04:00:00	16-Oct-12 05:00:00	0.00	2.75	0.00	0.00	7.26	2.1	329.7	0.00	0.91	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	16-Oct-12 04:00:00	0.23	11.26	18.92	83.84	86.68
16-Oct-12 05:00:00	16-Oct-12 06:00:00	0.00	5.10	0.00	0.00	7.41	2.1	329.7	0.00	1.68	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	16-Oct-12 05:00:00	0.23	12.03	18.92	83.84	86.68
16-Oct-12 06:00:00	16-Oct-12 07:00:00	0.00	1.41	0.00	0.00	7.46	2.1	329.7	0.00	0.47	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	16-Oct-12 06:00:00	0.23	10.82	18.92	83.84	86.68
16-Oct-12 07:00:00	16-Oct-12 08:00:00	0.00	3.24	0.00	0.00	7.42	2.1	329.7	0.00	1.07	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	16-Oct-12 07:00:00	0.23	11.42	18.92	83.84	86.68
16-Oct-12 08:00:00	16-Oct-12 09:00:00	0.00	7.62	0.00	0.00	7.38	2.1	329.7	0.00	2.51	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	16-Oct-12 08:00:00	0.23	12.86	18.92	83.84	86.68
16-Oct-12 09:00:00	16-Oct-12 10:00:00	0.00	7.70	0.00	0.00	7.34	2.1	329.7	0.00	2.54	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	16-Oct-12 09:00:00	0.23	12.89	18.92	83.84	86.68
16-Oct-12 10:00:00	16-Oct-12 11:00:00	0.00	5.62	0.00	0.00	7.25	2.1	329.7	0.00	1.85	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	16-Oct-12 10:00:00	0.23	12.20	18.92	83.84	86.68
16-Oct-12 11:00:00	16-Oct-12 12:00:00	0.00	3.11	3.67	0.00	6.99	2.1	329.7	0.00	1.02	1.21	0.00	2.30	0.23	10.35	18.92	83.84	86.68	16-Oct-12 11:00:00	0.23	11.37	20.13	83.84	86.68
16-Oct-12 12:00:00	16-Oct-12 13:00:00	0.00	4.92	0.00	0.00	6.73	2.1	329.7	0.00	1.62	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	16-Oct-12 12:00:00	0.23	11.97	18.92	83.84	86.68
16-Oct-12 13:00:00	16-Oct-12 14:00:00	0.00	2.52	0.00	0.00	6.46	2.1	329.7	0.00	0.83	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	16-Oct-12 13:00:00	0.23	11.18	18.92	83.84	86.68
16-Oct-12 14:00:00	16-Oct-12 15:00:00	0.00	13.15	0.00	0.00	6.26	2.1	329.7	0.00	4.34	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	16-Oct-12 14:00:00	0.23	14.69	18.92	83.84	86.68
16-Oct-12 15:00:00	16-Oct-12 16:00:00	0.00	0.00	0.00	0.00	6.18	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	16-Oct-12 15:00:00	0.23	10.35	18.92	83.84	86.68
16-Oct-12 16:00:00	16-Oct-12 17:00:00	0.00	0.05	0.00	0.00	6.11	2.1	329.7	0.00	0.02	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	16-Oct-12 16:00:00	0.23	10.37	18.92	83.84	86.68
16-Oct-12 17:00:00	16-Oct-12 18:00:00	0.00	19.83	0.00	0.00	6.03	2.1	329.7	0.00	5.54	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	16-Oct-12 17:00:00	0.23	16.89	18.92	83.84	86.68
16-Oct-12 18:00:00	16-Oct-12 19:00:00	0.00	15.92	0.00	0.00	6.03	2.1	329.7	0.00	6.25	0.00	0.00	1.99	0.23	10.35	18.92								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
18-Oct-12 01:00:00	18-Oct-12 02:00:00	0.00	1.70	0.00	0.00	7.41	2.1	329.7	0.00	0.56	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	18-Oct-12 01:00:00	0.23	10.91	18.92	83.84	89.12
18-Oct-12 02:00:00	18-Oct-12 03:00:00	0.00	2.73	0.00	0.00	7.58	2.1	329.7	0.00	0.90	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	18-Oct-12 02:00:00	0.23	11.25	18.92	83.84	89.18
18-Oct-12 03:00:00	18-Oct-12 04:00:00	0.00	4.16	0.00	0.00	7.59	2.1	329.7	0.00	1.37	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	18-Oct-12 03:00:00	0.23	11.72	18.92	83.84	89.18
18-Oct-12 04:00:00	18-Oct-12 05:00:00	0.00	1.29	0.00	0.00	7.60	2.1	329.7	0.00	0.43	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	18-Oct-12 04:00:00	0.23	10.78	18.92	83.84	89.18
18-Oct-12 05:00:00	18-Oct-12 06:00:00	0.00	0.87	0.00	0.00	7.60	2.1	329.7	0.00	0.29	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	18-Oct-12 05:00:00	0.23	10.64	18.92	83.84	89.19
18-Oct-12 06:00:00	18-Oct-12 07:00:00	0.00	0.44	0.00	0.00	7.45	2.1	329.7	0.00	0.15	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	18-Oct-12 06:00:00	0.23	10.50	18.92	83.84	89.14
18-Oct-12 07:00:00	18-Oct-12 08:00:00	0.00	0.06	0.00	0.00	7.39	2.1	329.7	0.00	0.02	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	18-Oct-12 07:00:00	0.23	10.37	18.92	83.84	89.12
18-Oct-12 08:00:00	18-Oct-12 09:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	18-Oct-12 08:00:00	0.23	10.35	18.92	83.84	89.10
18-Oct-12 09:00:00	18-Oct-12 10:00:00	0.00	0.00	0.00	0.00	7.28	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	18-Oct-12 09:00:00	0.23	10.35	18.92	83.84	89.08
18-Oct-12 10:00:00	18-Oct-12 11:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Oct-12 10:00:00	0.23	10.35	18.92	83.84	88.96
18-Oct-12 11:00:00	18-Oct-12 12:00:00	0.00	3.37	0.00	0.00	6.46	2.1	329.7	0.00	1.11	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Oct-12 11:00:00	0.23	11.46	18.92	83.84	88.81
18-Oct-12 12:00:00	18-Oct-12 13:00:00	0.00	2.94	0.00	0.00	6.00	2.1	329.7	0.00	0.97	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	18-Oct-12 12:00:00	0.23	11.32	18.92	83.84	88.66
18-Oct-12 13:00:00	18-Oct-12 14:00:00	0.00	13.55	0.00	0.00	5.54	2.1	329.7	0.00	4.47	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	18-Oct-12 13:00:00	0.23	14.82	18.92	83.84	88.51
18-Oct-12 14:00:00	18-Oct-12 15:00:00	0.00	3.58	0.00	0.00	5.42	2.1	329.7	0.00	1.18	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	18-Oct-12 14:00:00	0.23	11.53	18.92	83.84	88.47
18-Oct-12 15:00:00	18-Oct-12 16:00:00	0.00	4.44	0.00	0.00	5.36	2.1	329.7	0.00	1.46	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	18-Oct-12 15:00:00	0.23	11.81	18.92	83.84	88.45
18-Oct-12 16:00:00	18-Oct-12 17:00:00	0.00	11.93	0.00	0.00	5.29	2.1	329.7	0.00	3.93	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	18-Oct-12 16:00:00	0.23	14.28	18.92	83.84	88.43
18-Oct-12 17:00:00	18-Oct-12 18:00:00	0.00	11.86	0.00	0.00	5.23	2.1	329.7	0.00	3.91	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	18-Oct-12 17:00:00	0.23	14.26	18.92	83.84	88.40
18-Oct-12 18:00:00	18-Oct-12 19:00:00	0.00	6.07	0.00	0.00	5.15	2.1	329.7	0.00	2.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	18-Oct-12 18:00:00	0.23	12.35	18.92	83.84	88.38
18-Oct-12 19:00:00	18-Oct-12 20:00:00	0.00	4.85	0.00	0.00	5.39	2.1	329.7	0.00	1.60	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	18-Oct-12 19:00:00	0.23	11.95	18.92	83.84	88.46
18-Oct-12 20:00:00	18-Oct-12 21:00:00	0.00	4.23	0.00	0.00	5.62	2.1	329.7	0.00	1.40	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	18-Oct-12 20:00:00	0.23	11.75	18.92	83.84	88.53
18-Oct-12 21:00:00	18-Oct-12 22:00:00	0.00	3.80	0.00	0.00	5.86	2.1	329.7	0.00	1.25	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	18-Oct-12 21:00:00	0.23	11.60	18.92	83.84	88.61
18-Oct-12 22:00:00	18-Oct-12 23:00:00	0.00	4.02	0.00	0.00	6.13	2.1	329.7	0.00	1.32	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	18-Oct-12 22:00:00	0.23	11.67	18.92	83.84	88.70
18-Oct-12 23:00:00	19-Oct-12 00:00:00	0.00	5.21	0.00	0.00	6.23	2.1	329.7	0.00	1.72	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	18-Oct-12 23:00:00	0.23	12.07	18.92	83.84	88.73
19-Oct-12 00:00:00	19-Oct-12 01:00:00	0.00	17.69	0.00	0.00	6.32	2.1	329.7	0.00	5.83	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	19-Oct-12 00:00:00	0.23	16.18	18.92	83.84	88.77
19-Oct-12 01:00:00	19-Oct-12 02:00:00	0.00	9.09	0.00	0.00	6.42	2.1	329.7	0.00	3.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	19-Oct-12 01:00:00	0.23	13.35	18.92	83.84	88.80
19-Oct-12 02:00:00	19-Oct-12 03:00:00	0.00	2.02	0.00	0.00	6.52	2.1	329.7	0.00	0.67	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	19-Oct-12 02:00:00	0.23	11.02	18.92	83.84	88.83
19-Oct-12 03:00:00	19-Oct-12 04:00:00	0.00	3.02	0.00	0.00	6.79	2.1	329.7	0.00	1.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	19-Oct-12 03:00:00	0.23	11.35	18.92	83.84	88.92
19-Oct-12 04:00:00	19-Oct-12 05:00:00	0.00	2.31	0.00	0.00	7.05	2.1	329.7	0.00	0.76	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	19-Oct-12 04:00:00	0.23	11.11	18.92	83.84	89.01
19-Oct-12 05:00:00	19-Oct-12 06:00:00	0.00	0.00	0.00	0.00	7.32	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	19-Oct-12 05:00:00	0.23	10.35	18.92	83.84	89.09
19-Oct-12 06:00:00	19-Oct-12 07:00:00	0.00	0.80	0.00	0.00	7.46	2.1	329.7	0.00	0.27	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	19-Oct-12 06:00:00	0.23	10.62	18.92	83.84	89.14
19-Oct-12 07:00:00	19-Oct-12 08:00:00	0.00	0.91	0.00	0.00	7.46	2.1	329.7	0.00	0.30	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	19-Oct-12 07:00:00	0.23	10.65	18.92	83.84	89.14
19-Oct-12 08:00:00	19-Oct-12 09:00:00	0.00	0.94	0.00	0.00	7.47	2.1	329.7	0.00	0.31	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	19-Oct-12 08:00:00	0.23	10.66	18.92	83.84	89.14
19-Oct-12 09:00:00	19-Oct-12 10:00:00	0.14	1.64	0.00	0.00	7.47	2.1	329.7	0.05	0.54	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	19-Oct-12 09:00:00	0.28	10.89	18.92	83.84	89.14
19-Oct-12 10:00:00	19-Oct-12 11:00:00	0.00	0.09	0.00	0.00	7.33	2.1	329.7	0.00	0.03	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	19-Oct-12 10:00:00	0.23	10.38	18.92	83.84	89.10
19-Oct-12 11:00:00	19-Oct-12 12:00:00	0.00	0.78	0.00	0.00	7.10	2.1	329.7	0.00	0.26	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	19-Oct-12 11:00:00	0.23	10.61	18.92	83.84	89.02
19-Oct-12 12:00:00	19-Oct-12 13:00:00	0.00	3.34	0.00	0.00	6.86	2.1	329.7	0.00	1.10	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	19-Oct-12 12:00:00	0.23	11.45	18.92	83.84	88.94
19-Oct-12 13:00:00	19-Oct-12 14:00:00	0.00	5.40	0.00	0.00	6.62	2.1	329.7	0.00	1.78	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Oct-12 13:00:00	0.23	12.13	18.92	83.84	88.86
19-Oct-12 14:00:00	19-Oct-12 15:00:00	0.00	5.01	0.00	0.00	6.57	2.1	329.7	0.00	1.65	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	19-Oct-12 14:00:00	0.23	12.00			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
21-Oct-12 01:00:00	21-Oct-12 02:00:00	0.00	3.05	0.00	0.00	7.23	2.1	329.7	0.00	1.01	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	21-Oct-12 01:00:00	0.23	11.36	18.92	83.84	89.06
21-Oct-12 02:00:00	21-Oct-12 03:00:00	0.00	4.39	0.00	0.00	7.51	2.1	329.7	0.00	1.45	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	21-Oct-12 02:00:00	0.23	11.80	18.92	83.84	89.15
21-Oct-12 03:00:00	21-Oct-12 04:00:00	0.00	5.76	0.00	0.00	7.50	2.1	329.7	0.00	1.90	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	21-Oct-12 03:00:00	0.23	12.25	18.92	83.84	89.15
21-Oct-12 04:00:00	21-Oct-12 05:00:00	0.00	1.05	0.00	0.00	7.49	2.1	329.7	0.00	0.34	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	21-Oct-12 04:00:00	0.23	10.69	18.92	83.84	89.15
21-Oct-12 05:00:00	21-Oct-12 06:00:00	0.00	1.88	0.00	0.00	7.48	2.1	329.7	0.00	0.62	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	21-Oct-12 05:00:00	0.23	10.97	18.92	83.84	89.15
21-Oct-12 06:00:00	21-Oct-12 07:00:00	0.00	2.91	0.00	0.00	7.47	2.1	329.7	0.00	0.96	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	21-Oct-12 06:00:00	0.23	11.31	18.92	83.84	89.14
21-Oct-12 07:00:00	21-Oct-12 08:00:00	0.00	0.56	0.00	0.00	7.47	2.1	329.7	0.00	0.19	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	21-Oct-12 07:00:00	0.23	10.54	18.92	83.84	89.14
21-Oct-12 08:00:00	21-Oct-12 09:00:00	0.00	6.44	0.00	0.00	7.47	2.1	329.7	0.00	2.12	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	21-Oct-12 08:00:00	0.23	12.47	18.92	83.84	89.14
21-Oct-12 09:00:00	21-Oct-12 10:00:00	0.00	10.30	0.00	0.00	7.47	2.1	329.7	0.00	3.40	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	21-Oct-12 09:00:00	0.23	13.75	18.92	83.84	89.14
21-Oct-12 10:00:00	21-Oct-12 11:00:00	0.00	6.32	0.00	0.00	7.24	2.1	329.7	0.00	2.08	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	21-Oct-12 10:00:00	0.23	12.43	18.92	83.84	89.07
21-Oct-12 11:00:00	21-Oct-12 12:00:00	0.00	4.24	0.00	4.25	6.83	2.1	329.7	0.00	1.40	0.00	1.40	2.25	0.23	10.35	18.92	83.84	86.68	21-Oct-12 11:00:00	0.23	11.75	18.92	85.24	88.93
21-Oct-12 12:00:00	21-Oct-12 13:00:00	0.00	2.41	0.00	0.00	6.42	2.1	329.7	0.00	0.79	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	21-Oct-12 12:00:00	0.23	11.14	18.92	83.84	88.90
21-Oct-12 13:00:00	21-Oct-12 14:00:00	0.00	4.81	0.00	0.00	6.01	2.1	329.7	0.00	1.59	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	21-Oct-12 13:00:00	0.23	11.94	18.92	83.84	88.66
21-Oct-12 14:00:00	21-Oct-12 15:00:00	0.00	6.23	0.00	0.00	6.00	2.1	329.7	0.00	2.05	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	21-Oct-12 14:00:00	0.23	12.40	18.92	83.84	88.66
21-Oct-12 15:00:00	21-Oct-12 16:00:00	0.00	5.74	0.00	0.00	5.93	2.1	329.7	0.00	1.89	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	21-Oct-12 15:00:00	0.23	12.24	18.92	83.84	88.64
21-Oct-12 16:00:00	21-Oct-12 17:00:00	0.00	5.70	0.00	0.00	5.86	2.1	329.7	0.00	1.88	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	21-Oct-12 16:00:00	0.23	12.23	18.92	83.84	88.61
21-Oct-12 17:00:00	21-Oct-12 18:00:00	0.00	22.24	0.00	0.00	5.80	2.1	329.7	0.00	7.33	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	21-Oct-12 17:00:00	0.23	17.68	18.92	83.84	88.59
21-Oct-12 18:00:00	21-Oct-12 19:00:00	0.00	19.01	0.00	0.00	5.91	2.1	329.7	0.00	6.27	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	21-Oct-12 18:00:00	0.23	16.62	18.92	83.84	88.63
21-Oct-12 19:00:00	21-Oct-12 20:00:00	0.00	4.53	0.00	0.00	6.20	2.1	329.7	0.00	1.49	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	21-Oct-12 19:00:00	0.23	11.84	18.92	83.84	88.72
21-Oct-12 20:00:00	21-Oct-12 21:00:00	0.00	3.64	0.00	0.00	6.49	2.1	329.7	0.00	1.20	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	21-Oct-12 20:00:00	0.23	11.55	18.92	83.84	88.82
21-Oct-12 21:00:00	21-Oct-12 22:00:00	0.00	3.08	0.00	0.00	6.79	2.1	329.7	0.00	1.01	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	21-Oct-12 21:00:00	0.23	11.36	18.92	83.84	88.92
21-Oct-12 22:00:00	21-Oct-12 23:00:00	0.00	0.83	0.00	0.00	7.17	2.1	329.7	0.00	0.27	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	21-Oct-12 22:00:00	0.23	10.62	18.92	83.84	89.05
21-Oct-12 23:00:00	22-Oct-12 00:00:00	0.00	2.46	0.00	0.00	7.32	2.1	329.7	0.00	0.81	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	21-Oct-12 23:00:00	0.23	11.16	18.92	83.84	89.09
22-Oct-12 00:00:00	22-Oct-12 01:00:00	0.00	1.44	0.00	0.00	7.47	2.1	329.7	0.00	0.47	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	22-Oct-12 00:00:00	0.23	10.82	18.92	83.84	89.14
22-Oct-12 01:00:00	22-Oct-12 02:00:00	0.00	0.67	0.00	0.00	7.62	2.1	329.7	0.00	0.22	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	22-Oct-12 01:00:00	0.23	10.57	18.92	83.84	89.19
22-Oct-12 02:00:00	22-Oct-12 03:00:00	0.00	9.95	0.00	0.00	7.58	2.1	329.7	0.00	3.28	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	22-Oct-12 02:00:00	0.23	13.63	18.92	83.84	89.18
22-Oct-12 03:00:00	22-Oct-12 04:00:00	0.00	13.33	0.00	0.00	7.59	2.1	329.7	0.00	4.39	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	22-Oct-12 03:00:00	0.23	14.74	18.92	83.84	89.18
22-Oct-12 04:00:00	22-Oct-12 05:00:00	0.00	10.69	0.00	0.00	7.59	2.1	329.7	0.00	3.53	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	22-Oct-12 04:00:00	0.23	13.88	18.92	83.84	89.18
22-Oct-12 05:00:00	22-Oct-12 06:00:00	0.00	11.80	0.00	0.00	7.58	2.1	329.7	0.00	3.89	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	22-Oct-12 05:00:00	0.23	14.24	18.92	83.84	89.18
22-Oct-12 06:00:00	22-Oct-12 07:00:00	0.00	16.23	0.00	0.00	7.46	2.1	329.7	0.00	5.35	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	22-Oct-12 06:00:00	0.23	15.70	18.92	83.84	89.14
22-Oct-12 07:00:00	22-Oct-12 08:00:00	0.00	14.41	0.00	0.00	7.43	2.1	329.7	0.00	4.75	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	22-Oct-12 07:00:00	0.23	15.10	18.92	83.84	89.13
22-Oct-12 08:00:00	22-Oct-12 09:00:00	0.00	1.74	0.00	0.00	7.40	2.1	329.7	0.00	0.57	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	22-Oct-12 08:00:00	0.23	10.92	18.92	83.84	89.12
22-Oct-12 09:00:00	22-Oct-12 10:00:00	0.23	0.80	0.00	0.00	7.37	2.1	329.7	0.07	0.26	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	22-Oct-12 09:00:00	0.30	10.61	18.92	83.84	89.11
22-Oct-12 10:00:00	22-Oct-12 11:00:00	0.00	3.59	0.00	0.00	7.10	2.1	329.7	0.00	1.18	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	22-Oct-12 10:00:00	0.23	11.53	18.92	83.84	89.02
22-Oct-12 11:00:00	22-Oct-12 12:00:00	0.00	2.02	0.00	0.00	6.58	2.1	329.7	0.00	0.67	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	22-Oct-12 11:00:00	0.23	11.02	18.92	83.84	88.85
22-Oct-12 12:00:00	22-Oct-12 13:00:00	0.00	6.13	0.00	0.00	6.07	2.1	329.7	0.00	2.02	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	22-Oct-12 12:00:00	0.23	12.37	18.92	83.84	88.68
22-Oct-12 13:00:00	22-Oct-12 14:00:00	0.00	24.05	0.00	0.00	5.55	2.1	329.7	0.00	7.93	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	22-Oct-12 13:00:00	0.23	18.28	18.92	83.84	88.51
22-Oct-12 14:00:00	22-Oct-12 15:00:00	0.00	28.70	0.00	0.00	5.29	2.1	329.7	0.00	9.46	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	22-Oct-12 14:00:00	0.23	19.81			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
24-Oct-12 01:00:00	24-Oct-12 02:00:00	0.00	1.44	0.00	0.00	7.14	2.1	329.7	0.00	0.48	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	24-Oct-12 01:00:00	0.23	10.83	18.92	83.84	89.04
24-Oct-12 02:00:00	24-Oct-12 03:00:00	0.00	2.47	0.00	0.00	7.34	2.1	329.7	0.00	0.81	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	24-Oct-12 02:00:00	0.23	11.16	18.92	83.84	89.10
24-Oct-12 03:00:00	24-Oct-12 04:00:00	0.00	1.73	0.00	0.00	7.38	2.1	329.7	0.00	0.57	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	24-Oct-12 03:00:00	0.23	10.92	18.92	83.84	89.11
24-Oct-12 04:00:00	24-Oct-12 05:00:00	0.00	0.99	0.00	0.00	7.42	2.1	329.7	0.00	0.33	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	24-Oct-12 04:00:00	0.23	10.68	18.92	83.84	89.13
24-Oct-12 05:00:00	24-Oct-12 06:00:00	0.00	0.26	0.00	0.00	7.46	2.1	329.7	0.00	0.09	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	24-Oct-12 05:00:00	0.23	10.44	18.92	83.84	89.14
24-Oct-12 06:00:00	24-Oct-12 07:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	24-Oct-12 06:00:00	0.23	10.35	18.92	83.84	89.14
24-Oct-12 07:00:00	24-Oct-12 08:00:00	0.00	0.00	0.00	0.00	7.31	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	24-Oct-12 07:00:00	0.23	10.35	18.92	83.84	89.09
24-Oct-12 08:00:00	24-Oct-12 09:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	24-Oct-12 08:00:00	0.23	10.35	18.92	83.84	89.05
24-Oct-12 09:00:00	24-Oct-12 10:00:00	0.00	0.10	0.00	0.00	7.04	2.1	329.7	0.00	0.03	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	24-Oct-12 09:00:00	0.23	10.38	18.92	83.84	89.00
24-Oct-12 10:00:00	24-Oct-12 11:00:00	0.00	0.63	0.00	0.00	6.68	2.1	329.7	0.00	0.21	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	24-Oct-12 10:00:00	0.23	10.56	18.92	83.84	89.08
24-Oct-12 11:00:00	24-Oct-12 12:00:00	0.00	4.77	0.00	0.00	6.25	2.1	329.7	0.00	1.57	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Oct-12 11:00:00	0.23	11.92	18.92	83.84	88.74
24-Oct-12 12:00:00	24-Oct-12 13:00:00	0.00	17.16	0.00	0.00	5.81	2.1	329.7	0.00	5.66	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	24-Oct-12 12:00:00	0.23	16.01	18.92	83.84	88.60
24-Oct-12 13:00:00	24-Oct-12 14:00:00	0.00	11.81	0.00	0.00	5.38	2.1	329.7	0.00	3.89	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	24-Oct-12 13:00:00	0.23	14.24	18.92	83.84	88.45
24-Oct-12 14:00:00	24-Oct-12 15:00:00	0.00	18.00	0.00	0.00	5.17	2.1	329.7	0.00	5.93	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	24-Oct-12 14:00:00	0.23	16.28	18.92	83.84	88.38
24-Oct-12 15:00:00	24-Oct-12 16:00:00	0.00	6.09	0.00	0.00	5.21	2.1	329.7	0.00	2.01	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	24-Oct-12 15:00:00	0.23	12.36	18.92	83.84	88.40
24-Oct-12 16:00:00	24-Oct-12 17:00:00	0.00	22.17	0.00	0.00	5.25	2.1	329.7	0.00	7.31	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	24-Oct-12 16:00:00	0.23	17.66	18.92	83.84	88.41
24-Oct-12 17:00:00	24-Oct-12 18:00:00	0.00	36.30	0.00	0.00	5.28	2.1	329.7	0.00	11.97	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	24-Oct-12 17:00:00	0.23	22.32	18.92	83.84	88.42
24-Oct-12 18:00:00	24-Oct-12 19:00:00	0.00	36.96	0.00	0.00	5.39	2.1	329.7	0.00	12.19	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	24-Oct-12 18:00:00	0.23	22.54	18.92	83.84	88.46
24-Oct-12 19:00:00	24-Oct-12 20:00:00	0.00	32.56	0.00	0.00	5.69	2.1	329.7	0.00	10.73	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Oct-12 19:00:00	0.23	21.08	18.92	83.84	88.56
24-Oct-12 20:00:00	24-Oct-12 21:00:00	0.00	11.89	0.00	0.00	5.99	2.1	329.7	0.00	3.92	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	24-Oct-12 20:00:00	0.23	14.27	18.92	83.84	88.65
24-Oct-12 21:00:00	24-Oct-12 22:00:00	0.00	17.44	0.00	0.00	6.29	2.1	329.7	0.00	5.75	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	24-Oct-12 21:00:00	0.23	16.10	18.92	83.84	88.75
24-Oct-12 22:00:00	24-Oct-12 23:00:00	0.00	13.15	0.00	0.00	6.44	2.1	329.7	0.00	4.33	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	24-Oct-12 22:00:00	0.23	14.68	18.92	83.84	88.80
24-Oct-12 23:00:00	25-Oct-12 00:00:00	0.00	9.07	0.00	0.00	6.60	2.1	329.7	0.00	2.99	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	24-Oct-12 23:00:00	0.23	13.34	18.92	83.84	88.86
25-Oct-12 00:00:00	25-Oct-12 01:00:00	0.00	8.34	0.00	0.00	6.76	2.1	329.7	0.00	2.75	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	25-Oct-12 00:00:00	0.23	13.10	18.92	83.84	88.91
25-Oct-12 01:00:00	25-Oct-12 02:00:00	0.00	1.11	0.00	0.00	6.92	2.1	329.7	0.00	0.37	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	25-Oct-12 01:00:00	0.23	10.72	18.92	83.84	88.96
25-Oct-12 02:00:00	25-Oct-12 03:00:00	0.00	1.19	0.00	0.00	7.05	2.1	329.7	0.00	0.39	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	25-Oct-12 02:00:00	0.23	10.74	18.92	83.84	89.00
25-Oct-12 03:00:00	25-Oct-12 04:00:00	0.00	3.05	0.00	0.00	7.13	2.1	329.7	0.00	1.01	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	25-Oct-12 03:00:00	0.23	11.36	18.92	83.84	89.03
25-Oct-12 04:00:00	25-Oct-12 05:00:00	0.00	1.94	0.00	0.00	7.21	2.1	329.7	0.00	0.64	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	25-Oct-12 04:00:00	0.23	10.99	18.92	83.84	89.06
25-Oct-12 05:00:00	25-Oct-12 06:00:00	0.00	0.06	0.00	0.00	7.29	2.1	329.7	0.00	0.02	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	25-Oct-12 05:00:00	0.23	10.37	18.92	83.84	89.08
25-Oct-12 06:00:00	25-Oct-12 07:00:00	0.00	1.60	0.00	0.00	7.29	2.1	329.7	0.00	0.53	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	25-Oct-12 06:00:00	0.23	10.88	18.92	83.84	89.08
25-Oct-12 07:00:00	25-Oct-12 08:00:00	0.00	1.15	0.00	0.00	7.18	2.1	329.7	0.00	0.38	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	25-Oct-12 07:00:00	0.23	10.73	18.92	83.84	89.05
25-Oct-12 08:00:00	25-Oct-12 09:00:00	0.00	0.70	0.00	0.00	7.07	2.1	329.7	0.00	0.23	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	25-Oct-12 08:00:00	0.23	10.58	18.92	83.84	89.01
25-Oct-12 09:00:00	25-Oct-12 10:00:00	0.00	0.26	0.00	0.00	6.96	2.1	329.7	0.00	0.08	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	25-Oct-12 09:00:00	0.23	10.43	18.92	83.84	88.97
25-Oct-12 10:00:00	25-Oct-12 11:00:00	0.00	0.58	0.00	0.00	6.66	2.1	329.7	0.00	0.19	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	25-Oct-12 10:00:00	0.23	10.54	18.92	83.84	88.87
25-Oct-12 11:00:00	25-Oct-12 12:00:00	0.00	4.87	0.00	0.00	6.31	2.1	329.7	0.00	1.61	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	25-Oct-12 11:00:00	0.23	11.96	18.92	83.84	88.76
25-Oct-12 12:00:00	25-Oct-12 13:00:00	0.00	24.15	0.00	0.00	5.96	2.1	329.7	0.00	7.96	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	25-Oct-12 12:00:00	0.23	18.31	18.92	83.84	88.64
25-Oct-12 13:00:00	25-Oct-12 14:00:00	0.00	20.52	0.00	0.00	5.61	2.1	329.7	0.00	6.77	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	25-Oct-12 13:00:00	0.23	17.12	18.92	83.84	88.53
25-Oct-12 14:00:00	25-Oct-12 15:00:00	0.00	21.73	0.00	0.00	5.56	2.1	329.7	0.00	7.16	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	25-Oct-12 14:00:00	0.23				

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
27-Oct-12 01:00:00	27-Oct-12 02:00:00	0.00	21.95	0.00	0.00	6.35	2.1	329.7	0.00	7.24	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Oct-12 01:00:00	0.23	17.59	18.92	83.84	88.77					
27-Oct-12 02:00:00	27-Oct-12 03:00:00	0.00	17.74	0.00	0.00	6.35	2.1	329.7	0.00	5.85	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Oct-12 02:00:00	0.23	16.20	18.92	83.84	88.77					
27-Oct-12 03:00:00	27-Oct-12 04:00:00	0.00	15.49	0.00	0.00	6.35	2.1	329.7	0.00	5.11	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Oct-12 03:00:00	0.23	15.46	18.92	83.84	88.77					
27-Oct-12 04:00:00	27-Oct-12 05:00:00	0.00	26.16	0.00	0.00	6.35	2.1	329.7	0.00	8.63	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Oct-12 04:00:00	0.23	18.98	18.92	83.84	88.77					
27-Oct-12 05:00:00	27-Oct-12 06:00:00	0.00	21.18	0.00	0.00	6.35	2.1	329.7	0.00	6.98	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Oct-12 05:00:00	0.23	17.33	18.92	83.84	88.77					
27-Oct-12 06:00:00	27-Oct-12 07:00:00	0.00	19.47	0.00	0.00	6.30	2.1	329.7	0.00	6.42	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	27-Oct-12 06:00:00	0.23	16.77	18.92	83.84	88.76					
27-Oct-12 07:00:00	27-Oct-12 08:00:00	0.00	21.13	0.00	0.00	6.21	2.1	329.7	0.00	6.97	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Oct-12 07:00:00	0.23	17.32	18.92	83.84	88.73					
27-Oct-12 08:00:00	27-Oct-12 09:00:00	0.00	21.43	0.00	0.00	6.12	2.1	329.7	0.00	7.07	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	27-Oct-12 08:00:00	0.23	17.42	18.92	83.84	88.70					
27-Oct-12 09:00:00	27-Oct-12 10:00:00	0.00	21.55	0.00	0.00	6.04	2.1	329.7	0.00	7.11	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	27-Oct-12 09:00:00	0.23	17.46	18.92	83.84	88.67					
27-Oct-12 10:00:00	27-Oct-12 11:00:00	0.00	18.60	0.00	0.00	6.03	2.1	329.7	0.00	6.13	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	27-Oct-12 10:00:00	0.23	16.48	18.92	83.84	88.67					
27-Oct-12 11:00:00	27-Oct-12 12:00:00	0.00	19.93	0.00	0.00	5.95	2.1	329.7	0.00	6.57	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	27-Oct-12 11:00:00	0.23	16.92	18.92	83.84	88.64					
27-Oct-12 12:00:00	27-Oct-12 13:00:00	0.00	16.01	0.00	0.00	5.88	2.1	329.7	0.00	5.28	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	27-Oct-12 12:00:00	0.23	15.63	18.92	83.84	88.62					
27-Oct-12 13:00:00	27-Oct-12 14:00:00	0.00	10.75	0.00	0.00	5.80	2.1	329.7	0.00	3.54	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	27-Oct-12 13:00:00	0.23	13.89	18.92	83.84	88.59					
27-Oct-12 14:00:00	27-Oct-12 15:00:00	0.00	8.46	0.00	0.00	5.67	2.1	329.7	0.00	2.79	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	27-Oct-12 14:00:00	0.23	13.14	18.92	83.84	88.55					
27-Oct-12 15:00:00	27-Oct-12 16:00:00	0.00	2.55	0.00	0.00	5.67	2.1	329.7	0.00	0.84	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	27-Oct-12 15:00:00	0.23	11.19	18.92	83.84	88.55					
27-Oct-12 16:00:00	27-Oct-12 17:00:00	0.00	2.90	0.00	0.00	5.68	2.1	329.7	0.00	0.96	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	27-Oct-12 16:00:00	0.23	11.31	18.92	83.84	88.55					
27-Oct-12 17:00:00	27-Oct-12 18:00:00	0.00	1.13	0.00	0.00	5.68	2.1	329.7	0.00	0.37	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	27-Oct-12 17:00:00	0.23	10.72	18.92	83.84	88.55					
27-Oct-12 18:00:00	27-Oct-12 19:00:00	0.00	0.79	0.00	0.00	5.83	2.1	329.7	0.00	0.26	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	27-Oct-12 18:00:00	0.23	10.61	18.92	83.84	88.60					
27-Oct-12 19:00:00	27-Oct-12 20:00:00	0.00	0.44	0.00	0.00	5.94	2.1	329.7	0.00	0.15	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	27-Oct-12 19:00:00	0.23	10.50	18.92	83.84	88.64					
27-Oct-12 20:00:00	27-Oct-12 21:00:00	0.00	0.12	0.00	0.00	6.05	2.1	329.7	0.00	0.04	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	27-Oct-12 20:00:00	0.23	10.39	18.92	83.84	88.67					
27-Oct-12 21:00:00	27-Oct-12 22:00:00	0.00	0.39	0.00	0.00	6.16	2.1	329.7	0.00	0.13	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	27-Oct-12 21:00:00	0.23	10.48	18.92	83.84	88.71					
27-Oct-12 22:00:00	27-Oct-12 23:00:00	0.00	0.86	0.00	0.00	6.20	2.1	329.7	0.00	0.28	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	27-Oct-12 22:00:00	0.23	10.63	18.92	83.84	88.72					
27-Oct-12 23:00:00	28-Oct-12 00:00:00	0.00	0.61	0.00	0.00	6.21	2.1	329.7	0.00	0.20	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Oct-12 23:00:00	0.23	10.55	18.92	83.84	88.73					
28-Oct-12 00:00:00	28-Oct-12 01:00:00	0.00	1.47	0.00	0.00	6.22	2.1	329.7	0.00	0.49	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Oct-12 00:00:00	0.23	10.84	18.92	83.84	88.73					
28-Oct-12 01:00:00	28-Oct-12 02:00:00	0.00	2.34	0.00	0.00	6.23	2.1	329.7	0.00	0.77	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Oct-12 01:00:00	0.23	11.12	18.92	83.84	88.73					
28-Oct-12 02:00:00	28-Oct-12 03:00:00	0.00	1.89	0.00	0.00	6.20	2.1	329.7	0.00	0.62	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Oct-12 02:00:00	0.23	10.97	18.92	83.84	88.73					
28-Oct-12 03:00:00	28-Oct-12 04:00:00	0.00	3.38	0.00	0.00	6.27	2.1	329.7	0.00	1.11	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Oct-12 03:00:00	0.23	11.46	18.92	83.84	88.75					
28-Oct-12 04:00:00	28-Oct-12 05:00:00	0.00	15.21	0.00	0.00	6.33	2.1	329.7	0.00	5.02	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Oct-12 04:00:00	0.23	15.37	18.92	83.84	88.77					
28-Oct-12 05:00:00	28-Oct-12 06:00:00	0.00	10.29	0.00	0.00	6.39	2.1	329.7	0.00	3.39	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	28-Oct-12 05:00:00	0.23	13.74	18.92	83.84	88.79					
28-Oct-12 06:00:00	28-Oct-12 07:00:00	0.00	8.94	0.00	0.00	6.40	2.1	329.7	0.00	2.95	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	28-Oct-12 06:00:00	0.23	13.30	18.92	83.84	88.79					
28-Oct-12 07:00:00	28-Oct-12 08:00:00	0.00	8.60	0.00	0.00	6.41	2.1	329.7	0.00	2.84	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	28-Oct-12 07:00:00	0.23	13.19	18.92	83.84	88.79					
28-Oct-12 08:00:00	28-Oct-12 09:00:00	0.00	16.62	0.00	0.00	6.41	2.1	329.7	0.00	5.48	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	28-Oct-12 08:00:00	0.23	15.83	18.92	83.84	88.79					
28-Oct-12 09:00:00	28-Oct-12 10:00:00	0.00	15.90	0.00	0.00	6.42	2.1	329.7	0.00	5.24	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	28-Oct-12 09:00:00	0.23	15.59	18.92	83.84	88.80					
28-Oct-12 10:00:00	28-Oct-12 11:00:00	0.00	9.05	0.00	0.00	6.34	2.1	329.7	0.00	2.99	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Oct-12 10:00:00	0.23	13.34	18.92	83.84	88.77					
28-Oct-12 11:00:00	28-Oct-12 12:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	28-Oct-12 11:00:00	0.23	10.35	18.92	83.84	88.74					
28-Oct-12 12:00:00	28-Oct-12 13:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	28-Oct-12 12:00:00	0.23	10.35	18.92	83.84	88.70					
28-Oct-12 13:00:00	28-Oct-12 14:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	28-Oct-12 13:00:00	0.23	10.35	18.92	83.84	88.66					
28-Oct-12 14:00:00	28-Oct-12 15:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	28-Oct-12 14:00:00	0.23	10.35	18.92	83.84	88.61					
28-Oct-12 15:00:00	28-Oct-12 16:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	28-Oct-12 15:00:00	0.23	10.35	18.92	83.84	88.57					
28-Oct-12 16:00:00	28-Oct-12 17:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	28-Oct-12 16:00:00	0.23	10.35	18.92	83.84	88.54					
28-Oct-12 17:00:00	28-Oct-12 18:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	28-Oct-12 17:00:00	0.23	10.35	18.92	83.84	88.51					
28-Oct-12 18:00:00	28-Oct-12 19:00:																												

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
30-Oct-12 01:00:00	30-Oct-12 02:00:00	0.00	0.00	0.00	0.00	8.23	2.1	329.7	0.00	0.00	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	30-Oct-12 01:00:00	0.23	10.35	18.92	83.84	89.39
30-Oct-12 02:00:00	30-Oct-12 03:00:00	0.00	0.00	0.00	0.00	8.30	2.1	329.7	0.00	0.00	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	30-Oct-12 02:00:00	0.23	10.35	18.92	83.84	89.42
30-Oct-12 03:00:00	30-Oct-12 04:00:00	0.00	0.00	0.00	0.00	8.29	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	30-Oct-12 03:00:00	0.23	10.35	18.92	83.84	89.41
30-Oct-12 04:00:00	30-Oct-12 05:00:00	0.00	0.00	0.00	0.00	8.28	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	30-Oct-12 04:00:00	0.23	10.35	18.92	83.84	89.41
30-Oct-12 05:00:00	30-Oct-12 06:00:00	0.00	0.00	0.00	0.00	8.27	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	30-Oct-12 05:00:00	0.23	10.35	18.92	83.84	89.41
30-Oct-12 06:00:00	30-Oct-12 07:00:00	0.00	0.00	0.00	0.00	8.27	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	30-Oct-12 06:00:00	0.23	10.35	18.92	83.84	89.41
30-Oct-12 07:00:00	30-Oct-12 08:00:00	0.00	0.00	0.00	0.00	8.20	2.1	329.7	0.00	0.00	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	30-Oct-12 07:00:00	0.23	10.35	18.92	83.84	89.38
30-Oct-12 08:00:00	30-Oct-12 09:00:00	0.00	0.00	0.00	0.00	8.14	2.1	329.7	0.00	0.00	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	30-Oct-12 08:00:00	0.23	10.35	18.92	83.84	89.36
30-Oct-12 09:00:00	30-Oct-12 10:00:00	0.00	0.00	0.00	0.00	8.07	2.1	329.7	0.00	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	30-Oct-12 09:00:00	0.23	10.35	18.92	83.84	89.34
30-Oct-12 10:00:00	30-Oct-12 11:00:00	0.00	0.00	0.00	0.00	7.97	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	30-Oct-12 10:00:00	0.23	10.35	18.92	83.84	89.31
30-Oct-12 11:00:00	30-Oct-12 12:00:00	0.00	0.00	0.00	0.00	7.84	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	30-Oct-12 11:00:00	0.23	10.35	18.92	83.84	89.26
30-Oct-12 12:00:00	30-Oct-12 13:00:00	0.00	0.00	0.00	0.00	7.70	2.1	329.7	0.00	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	30-Oct-12 12:00:00	0.23	10.35	18.92	83.84	89.22
30-Oct-12 13:00:00	30-Oct-12 14:00:00	0.00	0.00	0.00	0.00	7.57	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	30-Oct-12 13:00:00	0.23	10.35	18.92	83.84	89.18
30-Oct-12 14:00:00	30-Oct-12 15:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	30-Oct-12 14:00:00	0.23	10.35	18.92	83.84	89.14
30-Oct-12 15:00:00	30-Oct-12 16:00:00	0.00	0.00	0.00	0.00	7.40	2.1	329.7	0.00	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	30-Oct-12 15:00:00	0.23	10.35	18.92	83.84	89.12
30-Oct-12 16:00:00	30-Oct-12 17:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	30-Oct-12 16:00:00	0.23	10.35	18.92	83.84	89.10
30-Oct-12 17:00:00	30-Oct-12 18:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	30-Oct-12 17:00:00	0.23	10.35	18.92	83.84	89.08
30-Oct-12 18:00:00	30-Oct-12 19:00:00	0.00	0.00	0.00	0.00	7.12	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	30-Oct-12 18:00:00	0.23	10.35	18.92	83.84	89.03
30-Oct-12 19:00:00	30-Oct-12 20:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	30-Oct-12 19:00:00	0.23	10.35	18.92	83.84	89.06
30-Oct-12 20:00:00	30-Oct-12 21:00:00	0.00	0.00	0.00	0.00	7.33	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	30-Oct-12 20:00:00	0.23	10.35	18.92	83.84	89.10
30-Oct-12 21:00:00	30-Oct-12 22:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	30-Oct-12 21:00:00	0.23	10.35	18.92	83.84	89.13
30-Oct-12 22:00:00	30-Oct-12 23:00:00	0.00	0.00	0.00	0.00	7.54	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	30-Oct-12 22:00:00	0.23	10.35	18.92	83.84	89.17
30-Oct-12 23:00:00	31-Oct-12 00:00:00	0.00	0.00	0.00	0.00	7.64	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	30-Oct-12 23:00:00	0.23	10.35	18.92	83.84	89.20
31-Oct-12 00:00:00	31-Oct-12 01:00:00	0.00	0.00	0.00	0.00	7.74	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	31-Oct-12 00:00:00	0.23	10.35	18.92	83.84	89.23
31-Oct-12 01:00:00	31-Oct-12 02:00:00	0.00	0.00	0.00	0.00	7.84	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	31-Oct-12 01:00:00	0.23	10.35	18.92	83.84	89.27
31-Oct-12 02:00:00	31-Oct-12 03:00:00	0.00	0.00	0.00	0.00	7.86	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	31-Oct-12 02:00:00	0.23	10.35	18.92	83.84	89.27
31-Oct-12 03:00:00	31-Oct-12 04:00:00	0.00	0.00	0.00	0.00	7.84	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	31-Oct-12 03:00:00	0.23	10.35	18.92	83.84	89.27
31-Oct-12 04:00:00	31-Oct-12 05:00:00	0.00	0.00	0.00	0.00	7.82	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	31-Oct-12 04:00:00	0.23	10.35	18.92	83.84	89.26
31-Oct-12 05:00:00	31-Oct-12 06:00:00	0.00	0.00	0.00	0.00	7.80	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	31-Oct-12 05:00:00	0.23	10.35	18.92	83.84	89.25
31-Oct-12 06:00:00	31-Oct-12 07:00:00	0.00	0.00	0.00	0.00	7.69	2.1	329.7	0.00	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	31-Oct-12 06:00:00	0.23	10.35	18.92	83.84	89.22
31-Oct-12 07:00:00	31-Oct-12 08:00:00	0.00	0.00	0.00	0.00	7.64	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	31-Oct-12 07:00:00	0.23	10.35	18.92	83.84	89.20
31-Oct-12 08:00:00	31-Oct-12 09:00:00	0.00	0.00	0.00	0.00	7.58	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	31-Oct-12 08:00:00	0.23	10.35	18.92	83.84	89.18
31-Oct-12 09:00:00	31-Oct-12 10:00:00	0.00	0.00	0.00	0.00	7.53	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	31-Oct-12 09:00:00	0.23	10.35	18.92	83.84	89.16
31-Oct-12 10:00:00	31-Oct-12 11:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	31-Oct-12 10:00:00	0.23	10.35	18.92	83.84	89.10
31-Oct-12 11:00:00	31-Oct-12 12:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	31-Oct-12 11:00:00	0.23	10.35	18.92	83.84	89.01
31-Oct-12 12:00:00	31-Oct-12 13:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	31-Oct-12 12:00:00	0.23	10.35	18.92	83.84	88.93
31-Oct-12 13:00:00	31-Oct-12 14:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	31-Oct-12 13:00:00	0.23	10.35	18.92	83.84	88.84
31-Oct-12 14:00:00	31-Oct-12 15:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	31-Oct-12 14:00:00	0.23	10.35	18.9		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
02-Nov-12 01:00:00	02-Nov-12 02:00:00	74.40	0.00	0.00	0.00	6.99	2.1	329.7	24.53	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	02-Nov-12 01:00:00	24.76	10.35	18.92	83.84	88.99
02-Nov-12 02:00:00	02-Nov-12 03:00:00	693.78	0.00	0.00	0.00	6.99	2.1	329.7	228.74	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	02-Nov-12 02:00:00	228.97	10.35	18.92	83.84	88.98
02-Nov-12 03:00:00	02-Nov-12 04:00:00	1,027.76	0.00	0.00	0.00	7.13	2.1	329.7	338.85	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	02-Nov-12 03:00:00	339.08	10.35	18.92	83.84	89.03
02-Nov-12 04:00:00	02-Nov-12 05:00:00	1,195.75	0.00	0.00	0.00	7.27	2.1	329.7	394.24	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	02-Nov-12 04:00:00	394.47	10.35	18.92	83.84	89.08
02-Nov-12 05:00:00	02-Nov-12 06:00:00	1,756.08	0.00	0.00	0.00	7.41	2.1	329.7	578.98	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	02-Nov-12 05:00:00	579.21	10.35	18.92	83.84	89.12
02-Nov-12 06:00:00	02-Nov-12 07:00:00	1,408.38	0.00	0.00	0.00	7.54	2.1	329.7	464.34	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	02-Nov-12 06:00:00	464.57	10.35	18.92	83.84	89.17
02-Nov-12 07:00:00	02-Nov-12 08:00:00	1,631.30	0.00	0.00	0.00	7.62	2.1	329.7	537.84	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	02-Nov-12 07:00:00	538.07	10.35	18.92	83.84	89.19
02-Nov-12 08:00:00	02-Nov-12 09:00:00	1,445.38	0.00	0.00	0.00	7.71	2.1	329.7	476.54	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	02-Nov-12 08:00:00	476.77	10.35	18.92	83.84	89.22
02-Nov-12 09:00:00	02-Nov-12 10:00:00	1,430.19	0.00	0.00	0.00	7.79	2.1	329.7	471.53	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	02-Nov-12 09:00:00	471.76	10.35	18.92	83.84	89.25
02-Nov-12 10:00:00	02-Nov-12 11:00:00	1,148.06	0.00	0.00	0.00	7.66	2.1	329.7	378.52	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	02-Nov-12 10:00:00	378.75	10.35	18.92	83.84	89.21
02-Nov-12 11:00:00	02-Nov-12 12:00:00	1,320.66	0.00	0.00	0.00	7.17	2.1	329.7	435.42	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	02-Nov-12 11:00:00	435.65	10.35	18.92	83.84	89.04
02-Nov-12 12:00:00	02-Nov-12 13:00:00	1,215.41	0.00	0.00	0.00	6.68	2.1	329.7	400.72	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	02-Nov-12 12:00:00	400.95	10.35	18.92	83.84	88.88
02-Nov-12 13:00:00	02-Nov-12 14:00:00	241.42	0.00	0.00	0.00	6.18	2.1	329.7	79.60	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	02-Nov-12 13:00:00	79.83	10.35	18.92	83.84	88.72
02-Nov-12 14:00:00	02-Nov-12 15:00:00	284.59	0.00	0.00	0.00	5.73	2.1	329.7	93.83	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	02-Nov-12 14:00:00	94.06	10.35	18.92	83.84	88.57
02-Nov-12 15:00:00	02-Nov-12 16:00:00	285.85	0.00	0.00	0.00	5.59	2.1	329.7	94.25	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	02-Nov-12 15:00:00	94.48	10.35	18.92	83.84	88.52
02-Nov-12 16:00:00	02-Nov-12 17:00:00	288.93	0.00	0.00	0.00	5.44	2.1	329.7	95.26	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	02-Nov-12 16:00:00	95.49	10.35	18.92	83.84	88.47
02-Nov-12 17:00:00	02-Nov-12 18:00:00	352.16	0.00	0.00	0.00	5.30	2.1	329.7	116.11	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	02-Nov-12 17:00:00	116.34	10.35	18.92	83.84	88.43
02-Nov-12 18:00:00	02-Nov-12 19:00:00	367.56	0.00	0.00	0.00	5.28	2.1	329.7	121.18	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	02-Nov-12 18:00:00	121.41	10.35	18.92	83.84	88.42
02-Nov-12 19:00:00	02-Nov-12 20:00:00	423.69	0.00	0.00	0.00	5.45	2.1	329.7	139.69	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	02-Nov-12 19:00:00	139.92	10.35	18.92	83.84	88.48
02-Nov-12 20:00:00	02-Nov-12 21:00:00	498.51	0.00	0.00	0.00	5.63	2.1	329.7	164.36	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	02-Nov-12 20:00:00	164.59	10.35	18.92	83.84	88.54
02-Nov-12 21:00:00	02-Nov-12 22:00:00	490.48	0.00	0.00	0.00	5.81	2.1	329.7	161.71	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	02-Nov-12 21:00:00	161.94	10.35	18.92	83.84	88.59
02-Nov-12 22:00:00	02-Nov-12 23:00:00	320.05	0.00	0.00	0.00	6.23	2.1	329.7	105.52	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	02-Nov-12 22:00:00	105.75	10.35	18.92	83.84	88.73
02-Nov-12 23:00:00	03-Nov-12 00:00:00	0.00	0.00	461.31	0.00	6.43	2.1	329.7	0.00	0.00	152.10	0.00	2.12	0.23	10.35	18.92	83.84	86.68	02-Nov-12 23:00:00	0.23	10.35	171.02	83.84	88.80
03-Nov-12 00:00:00	03-Nov-12 01:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	03-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.86
03-Nov-12 01:00:00	03-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	03-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.93
03-Nov-12 02:00:00	03-Nov-12 03:00:00	0.10	0.00	0.00	0.00	7.05	2.1	329.7	0.03	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	03-Nov-12 02:00:00	0.26	10.35	18.92	83.84	89.00
03-Nov-12 03:00:00	03-Nov-12 04:00:00	0.00	0.00	0.00	0.00	7.17	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	03-Nov-12 03:00:00	0.23	10.35	18.92	83.84	89.05
03-Nov-12 04:00:00	03-Nov-12 05:00:00	0.00	0.00	0.00	0.00	7.30	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	03-Nov-12 04:00:00	0.23	10.35	18.92	83.84	89.09
03-Nov-12 05:00:00	03-Nov-12 06:00:00	0.00	0.00	0.00	0.00	7.43	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	03-Nov-12 05:00:00	0.23	10.35	18.92	83.84	89.13
03-Nov-12 06:00:00	03-Nov-12 07:00:00	0.12	0.00	0.00	0.00	7.46	2.1	329.7	0.04	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	03-Nov-12 06:00:00	0.27	10.35	18.92	83.84	89.14
03-Nov-12 07:00:00	03-Nov-12 08:00:00	0.00	0.00	0.00	0.00	7.42	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	03-Nov-12 07:00:00	0.23	10.35	18.92	83.84	89.13
03-Nov-12 08:00:00	03-Nov-12 09:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	03-Nov-12 08:00:00	0.23	10.35	18.92	83.84	89.11
03-Nov-12 09:00:00	03-Nov-12 10:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	03-Nov-12 09:00:00	0.23	10.35	18.92	83.84	89.10
03-Nov-12 10:00:00	03-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	03-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.96
03-Nov-12 11:00:00	03-Nov-12 12:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	03-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.81
03-Nov-12 12:00:00	03-Nov-12 13:00:00	0.00	0.00	0.00	0.00	6.00	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.66
03-Nov-12 13:00:00	03-Nov-12 14:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	03-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.51
03-Nov-12 14:00:00	03-Nov-12 15:00:00	0.00	0.00	0.00	0.00	5.26	2.1	329.7	0.00	0.00	0.00													

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)							
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv							PI Tag 51FY304.PV	PI Tag 26FY143.pv														
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
05-Nov-12 00:00:00	05-Nov-12 01:00:00	626.52	0.00	0.00	0.00	6.70	2.1	329.7	206.56	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	05-Nov-12 00:00:00	206.79	10.35	18.92	83.84	88.89	
05-Nov-12 01:00:00	05-Nov-12 02:00:00	849.21	0.00	0.00	0.00	6.84	2.1	329.7	279.98	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	05-Nov-12 01:00:00	280.21	10.35	18.92	83.84	88.93	
05-Nov-12 02:00:00	05-Nov-12 03:00:00	844.17	0.00	0.00	0.00	6.93	2.1	329.7	278.32	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	05-Nov-12 02:00:00	278.55	10.35	18.92	83.84	88.96	
05-Nov-12 03:00:00	05-Nov-12 04:00:00	849.76	0.00	27.41	0.00	6.96	2.1	329.7	280.17	0.00	9.04	0.00	2.30	0.23	10.35	18.92	83.84	86.68	05-Nov-12 03:00:00	280.40	10.35	27.96	83.84	88.98	
05-Nov-12 04:00:00	05-Nov-12 05:00:00	725.08	0.00	0.00	0.00	7.00	2.1	329.7	239.06	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	05-Nov-12 04:00:00	239.29	10.35	18.92	83.84	88.99	
05-Nov-12 05:00:00	05-Nov-12 06:00:00	766.70	0.00	0.00	0.00	7.03	2.1	329.7	252.78	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	05-Nov-12 05:00:00	253.01	10.35	18.92	83.84	89.00	
05-Nov-12 06:00:00	05-Nov-12 07:00:00	785.46	0.00	0.00	0.00	7.04	2.1	329.7	258.97	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	05-Nov-12 06:00:00	259.20	10.35	18.92	83.84	89.00	
05-Nov-12 07:00:00	05-Nov-12 08:00:00	1,941.98	0.00	39.90	0.00	7.00	2.1	329.7	640.27	0.00	13.16	0.00	2.31	0.23	10.35	18.92	83.84	86.68	05-Nov-12 07:00:00	640.50	10.35	32.08	83.84	88.99	
05-Nov-12 08:00:00	05-Nov-12 09:00:00	2,178.01	0.00	0.00	0.00	6.96	2.1	329.7	718.09	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	05-Nov-12 08:00:00	718.32	10.35	18.92	83.84	88.97	
05-Nov-12 09:00:00	05-Nov-12 10:00:00	1,999.53	0.00	0.00	0.00	6.92	2.1	329.7	659.24	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	05-Nov-12 09:00:00	659.47	10.35	18.92	83.84	88.96	
05-Nov-12 10:00:00	05-Nov-12 11:00:00	2,152.50	0.00	0.00	0.00	6.70	2.1	329.7	709.68	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	05-Nov-12 10:00:00	709.91	10.35	18.92	83.84	88.89	
05-Nov-12 11:00:00	05-Nov-12 12:00:00	1,677.13	0.00	0.00	0.00	6.46	2.1	329.7	552.95	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	05-Nov-12 11:00:00	553.18	10.35	18.92	83.84	88.81	
05-Nov-12 12:00:00	05-Nov-12 13:00:00	1,785.86	0.00	0.00	0.00	6.23	2.1	329.7	588.80	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	05-Nov-12 12:00:00	589.03	10.35	18.92	83.84	88.73	
05-Nov-12 13:00:00	05-Nov-12 14:00:00	1,572.29	0.00	0.00	0.00	5.99	2.1	329.7	518.39	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	05-Nov-12 13:00:00	518.62	10.35	18.92	83.84	88.65	
05-Nov-12 14:00:00	05-Nov-12 15:00:00	1,504.92	0.00	0.00	0.00	5.86	2.1	329.7	496.17	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	05-Nov-12 14:00:00	496.40	10.35	18.92	83.84	88.61	
05-Nov-12 15:00:00	05-Nov-12 16:00:00	1,548.62	0.00	0.00	0.00	5.86	2.1	329.7	510.58	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	05-Nov-12 15:00:00	510.81	10.35	18.92	83.84	88.61	
05-Nov-12 16:00:00	05-Nov-12 17:00:00	1,673.14	0.00	1,447.03	0.00	5.86	2.1	329.7	551.63	0.00	477.08	0.00	1.93	0.23	10.35	18.92	83.84	86.68	05-Nov-12 16:00:00	551.86	10.35	496.00	83.84	88.61	
05-Nov-12 17:00:00	05-Nov-12 18:00:00	2,003.76	0.00	1,635.50	0.00	5.86	2.1	329.7	660.64	0.00	539.22	0.00	1.93	0.23	10.35	18.92	83.84	86.68	05-Nov-12 17:00:00	660.87	10.35	558.14	83.84	88.61	
05-Nov-12 18:00:00	05-Nov-12 19:00:00	1,892.01	0.00	1,636.94	0.00	6.00	2.1	329.7	623.80	0.00	539.70	0.00	1.98	0.23	10.35	18.92	83.84	86.68	05-Nov-12 18:00:00	624.03	10.35	558.62	83.84	88.66	
05-Nov-12 19:00:00	05-Nov-12 20:00:00	1,947.36	0.00	1,634.22	0.00	6.29	2.1	329.7	642.04	0.00	538.80	0.00	2.07	0.23	10.35	18.92	83.84	86.68	05-Nov-12 19:00:00	642.27	10.35	557.72	83.84	88.75	
05-Nov-12 20:00:00	05-Nov-12 21:00:00	1,878.36	0.00	1,630.33	0.00	6.58	2.1	329.7	619.30	0.00	537.52	0.00	2.17	0.23	10.35	18.92	83.84	86.68	05-Nov-12 20:00:00	619.53	10.35	556.44	83.84	88.85	
05-Nov-12 21:00:00	05-Nov-12 22:00:00	2,127.78	0.00	1,628.02	0.00	6.86	2.1	329.7	701.53	0.00	536.76	0.00	2.26	0.23	10.35	18.92	83.84	86.68	05-Nov-12 21:00:00	701.76	10.35	555.68	83.84	88.94	
05-Nov-12 22:00:00	05-Nov-12 23:00:00	2,036.08	0.00	1,630.49	0.00	6.98	2.1	329.7	671.30	0.00	537.57	0.00	2.30	0.23	10.35	18.92	83.84	86.68	05-Nov-12 22:00:00	671.53	10.35	556.49	83.84	88.98	
05-Nov-12 23:00:00	06-Nov-12 00:00:00	1,954.62	0.00	1,625.39	0.00	7.12	2.1	329.7	644.44	0.00	535.89	0.00	2.35	0.23	10.35	18.92	83.84	86.68	05-Nov-12 23:00:00	644.67	10.35	554.81	83.84	89.03	
06-Nov-12 00:00:00	06-Nov-12 01:00:00	2,035.16	0.00	1,616.42	0.00	7.26	2.1	329.7	670.99	0.00	532.93	0.00	2.39	0.23	10.35	18.92	83.84	86.68	06-Nov-12 00:00:00	671.22	10.35	551.85	83.84	89.07	
06-Nov-12 01:00:00	06-Nov-12 02:00:00	1,695.51	0.00	1,606.92	0.00	7.41	2.1	329.7	559.01	0.00	529.80	0.00	2.44	0.23	10.35	18.92	83.84	86.68	06-Nov-12 01:00:00	559.24	10.35	548.72	83.84	89.12	
06-Nov-12 02:00:00	06-Nov-12 03:00:00	1,435.69	0.00	1,601.80	0.00	7.49	2.1	329.7	473.35	0.00	528.11	0.00	2.47	0.23	10.35	18.92	83.84	86.68	06-Nov-12 02:00:00	473.58	10.35	547.03	83.84	89.15	
06-Nov-12 03:00:00	06-Nov-12 04:00:00	1,446.90	0.00	1,605.93	0.00	7.51	2.1	329.7	477.04	0.00	529.47	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Nov-12 03:00:00	477.27	10.35	548.39	83.84	89.16	
06-Nov-12 04:00:00	06-Nov-12 05:00:00	1,617.21	0.00	1,608.55	0.00	7.53	2.1	329.7	533.20	0.00	530.34	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Nov-12 04:00:00	533.43	10.35	549.26	83.84	89.16	
06-Nov-12 05:00:00	06-Nov-12 06:00:00	1,285.43	0.00	1,578.30	0.00	7.55	2.1	329.7	423.81	0.00	520.36	0.00	2.49	0.23	10.35	18.92	83.84	86.68	06-Nov-12 05:00:00	424.04	10.35	539.28	83.84	89.17	
06-Nov-12 06:00:00	06-Nov-12 07:00:00	376.10	0.00	1,584.41	0.00	7.53	2.1	329.7	124.00	0.00	522.38	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Nov-12 06:00:00	124.23	10.35	541.30	83.84	89.16	
06-Nov-12 07:00:00	06-Nov-12 08:00:00	196.72	0.00	1,590.21	0.00	7.55	2.1	329.7	64.86	0.00	524.29	0.00	2.49	0.23	10.35	18.92	83.84	86.68	06-Nov-12 07:00:00	66.09	10.35	543.21	83.84	89.17	
06-Nov-12 08:00:00	06-Nov-12 09:00:00	261.09	0.00	1,592.07	0.00	7.58	2.1	329.7	86.08	0.00	524.91	0.00	2.50	0.23	10.35	18.92	83.84	86.68	06-Nov-12 08:00:00	86.31	10.35	543.83	83.84	89.18	
06-Nov-12 09:00:00	06-Nov-12 10:00:00	182.66	0.00	1,593.62	0.00	7.60	2.1	329.7	60.22	0.00	525.42	0.00	2.51	0.23	10.35	18.92	83.84	86.68	06-Nov-12 09:00:00	60.45	10.35	544.34	83.84	89.19	
06-Nov-12 10:00:00	06-Nov-12 11:00:00	405.91	0.00	1,592.53	0.00	7.52	2.1	329.7	133.83	0.00	525.06	0.00	2.48	0.23	10.35	18.92	83.84	86.68	06-Nov-12 10:00:00	134.06	10.35	543.98	83.84	89.16	
06-Nov-12 11:00:00	06-Nov-12 12:00:00	321.21	0.00	1,595.03	0.00	7.49	2.1	329.7	105.90	0.00	525.88	0.00	2.47	0.23	10.35	18.92	83.84	86.68	06-Nov-12 11:00:00	106.13	10.35	544.80	83.84	89.15	
06-Nov-12 12:00:00	06-Nov-12 13:00:00	302.93	0.00	1,593.18	0.00	7.45	2.1	329.7	99.88																

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
08-Nov-12 00:00:00	08-Nov-12 01:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Nov-12 00:00:00	0.23	10.35	18.92	83.84	89.10
08-Nov-12 01:00:00	08-Nov-12 02:00:00	0.00	0.00	0.00	0.00	7.15	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	08-Nov-12 01:00:00	0.23	10.35	18.92	83.84	89.04
08-Nov-12 02:00:00	08-Nov-12 03:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	08-Nov-12 02:00:00	0.23	10.35	18.92	83.84	88.99
08-Nov-12 03:00:00	08-Nov-12 04:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	08-Nov-12 03:00:00	0.23	10.35	18.92	83.84	89.00
08-Nov-12 04:00:00	08-Nov-12 05:00:00	0.00	0.00	0.00	0.00	7.07	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	08-Nov-12 04:00:00	0.23	10.35	18.92	83.84	89.01
08-Nov-12 05:00:00	08-Nov-12 06:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	08-Nov-12 05:00:00	0.23	10.35	18.92	83.84	89.02
08-Nov-12 06:00:00	08-Nov-12 07:00:00	0.00	0.00	0.00	0.00	50.66	2.1	329.7	0.00	0.00	0.00	0.00	16.70	0.23	10.35	18.92	83.84	86.68	08-Nov-12 06:00:00	0.23	10.35	18.92	83.84	103.38
08-Nov-12 07:00:00	08-Nov-12 08:00:00	0.00	0.00	0.00	0.00	32.95	2.1	329.7	0.00	0.00	0.00	10.86	280.21	0.23	10.35	18.92	83.84	86.68	08-Nov-12 07:00:00	0.23	10.35	18.92	94.70	366.89
08-Nov-12 08:00:00	08-Nov-12 09:00:00	0.00	0.00	0.00	383.34	1,026.99	2.1	329.7	0.00	0.00	0.00	126.39	338.60	0.23	10.35	18.92	83.84	86.68	08-Nov-12 08:00:00	0.23	10.35	18.92	210.23	425.28
08-Nov-12 09:00:00	08-Nov-12 10:00:00	0.00	0.00	0.00	285.90	1,018.17	2.1	329.7	0.00	0.00	0.00	94.26	335.69	0.23	10.35	18.92	83.84	86.68	08-Nov-12 09:00:00	0.23	10.35	18.92	178.10	422.37
08-Nov-12 10:00:00	08-Nov-12 11:00:00	0.00	0.00	0.00	261.19	1,016.47	2.1	329.7	0.00	0.00	0.00	86.12	335.13	0.23	10.35	18.92	83.84	86.68	08-Nov-12 10:00:00	0.23	10.35	18.92	169.96	421.81
08-Nov-12 11:00:00	08-Nov-12 12:00:00	0.00	0.00	0.00	0.00	164.85	2.1	329.7	0.00	0.00	0.00	0.00	54.35	0.23	10.35	18.92	83.84	86.68	08-Nov-12 11:00:00	0.23	10.35	18.92	83.84	141.03
08-Nov-12 12:00:00	08-Nov-12 13:00:00	0.00	3.41	0.00	0.00	5.30	2.1	329.7	0.00	1.12	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	08-Nov-12 12:00:00	0.23	11.47	18.92	83.84	88.43
08-Nov-12 13:00:00	08-Nov-12 14:00:00	0.00	0.00	0.00	0.00	282.11	2.1	329.7	0.00	0.00	0.00	0.00	93.01	0.23	10.35	18.92	83.84	86.68	08-Nov-12 13:00:00	0.23	10.35	18.92	83.84	179.69
08-Nov-12 14:00:00	08-Nov-12 15:00:00	0.00	21.63	2.18	0.00	600.38	2.1	329.7	0.00	7.13	0.00	0.00	197.95	0.23	10.35	18.92	83.84	86.68	08-Nov-12 14:00:00	0.23	17.48	19.64	83.84	284.63
08-Nov-12 15:00:00	08-Nov-12 16:00:00	0.00	0.00	0.00	0.00	728.55	2.1	329.7	0.00	0.00	0.00	0.00	240.20	0.23	10.35	18.92	83.84	86.68	08-Nov-12 15:00:00	0.23	10.35	18.92	83.84	326.88
08-Nov-12 16:00:00	08-Nov-12 17:00:00	0.00	0.00	0.00	0.00	914.58	2.1	329.7	0.00	0.00	0.00	0.00	301.54	0.23	10.35	18.92	83.84	86.68	08-Nov-12 16:00:00	0.23	10.35	18.92	83.84	388.22
08-Nov-12 17:00:00	08-Nov-12 18:00:00	0.00	0.00	0.00	0.00	719.51	2.1	329.7	0.00	0.00	0.00	0.00	237.22	0.23	10.35	18.92	83.84	86.68	08-Nov-12 17:00:00	0.23	10.35	18.92	83.84	323.90
08-Nov-12 18:00:00	08-Nov-12 19:00:00	0.00	0.00	0.00	0.00	642.38	2.1	329.7	0.00	0.00	0.00	0.00	211.79	0.23	10.35	18.92	83.84	86.68	08-Nov-12 18:00:00	0.23	10.35	18.92	83.84	298.47
08-Nov-12 19:00:00	08-Nov-12 20:00:00	0.00	508.85	0.00	79.90	444.60	2.1	329.7	0.00	167.77	0.00	26.34	146.58	0.23	10.35	18.92	83.84	86.68	08-Nov-12 19:00:00	0.23	178.12	18.92	110.18	233.26
08-Nov-12 20:00:00	08-Nov-12 21:00:00	0.26	0.00	61.49	0.00	621.35	2.1	329.7	0.08	0.00	20.27	0.00	204.86	0.23	10.35	18.92	83.84	86.68	08-Nov-12 20:00:00	0.31	10.35	39.19	83.84	291.54
08-Nov-12 21:00:00	08-Nov-12 22:00:00	0.00	0.00	41.90	0.00	777.08	2.1	329.7	0.00	0.00	13.81	0.00	256.20	0.23	10.35	18.92	83.84	86.68	08-Nov-12 21:00:00	0.23	10.35	32.73	83.84	342.88
08-Nov-12 22:00:00	08-Nov-12 23:00:00	0.00	100.54	0.00	0.00	764.80	2.1	329.7	0.00	33.15	0.00	0.00	252.15	0.23	10.35	18.92	83.84	86.68	08-Nov-12 22:00:00	0.23	43.50	18.92	83.84	338.83
08-Nov-12 23:00:00	09-Nov-12 00:00:00	0.00	128.72	0.00	0.00	298.90	2.1	329.7	0.00	42.44	0.00	0.00	98.55	0.23	10.35	18.92	83.84	86.68	08-Nov-12 23:00:00	0.23	52.79	18.92	83.84	185.23
09-Nov-12 00:00:00	09-Nov-12 01:00:00	0.00	68.53	0.00	0.00	239.33	2.1	329.7	0.00	22.59	0.00	0.00	78.91	0.23	10.35	18.92	83.84	86.68	09-Nov-12 00:00:00	0.23	32.94	18.92	83.84	165.59
09-Nov-12 01:00:00	09-Nov-12 02:00:00	0.17	389.55	0.00	0.00	238.74	2.1	329.7	0.06	128.44	0.00	0.00	78.71	0.23	10.35	18.92	83.84	86.68	09-Nov-12 01:00:00	0.29	138.79	18.92	83.84	165.39
09-Nov-12 02:00:00	09-Nov-12 03:00:00	0.81	1,054.14	0.00	0.00	219.10	2.1	329.7	0.27	347.55	0.00	0.00	72.24	0.23	10.35	18.92	83.84	86.68	09-Nov-12 02:00:00	0.50	357.90	18.92	83.84	158.92
09-Nov-12 03:00:00	09-Nov-12 04:00:00	0.65	416.47	0.00	0.00	15.12	2.1	329.7	0.21	137.31	0.00	0.00	4.98	0.23	10.35	18.92	83.84	86.68	09-Nov-12 03:00:00	0.44	147.66	18.92	83.84	91.66
09-Nov-12 04:00:00	09-Nov-12 05:00:00	0.48	172.77	0.00	0.00	1,001.25	2.1	329.7	0.16	56.96	0.00	0.00	330.11	0.23	10.35	18.92	83.84	86.68	09-Nov-12 04:00:00	0.39	67.31	18.92	83.84	161.79
09-Nov-12 05:00:00	09-Nov-12 06:00:00	0.45	0.00	0.00	0.00	1,825.15	2.1	329.7	0.15	4.00	0.00	0.00	601.75	0.23	10.35	18.92	83.84	86.68	09-Nov-12 05:00:00	0.38	10.35	18.92	83.84	688.43
09-Nov-12 06:00:00	09-Nov-12 07:00:00	0.03	0.00	0.00	0.00	1,833.33	2.1	329.7	0.01	0.00	0.00	0.00	604.45	0.23	10.35	18.92	83.84	86.68	09-Nov-12 06:00:00	0.24	10.35	18.92	83.84	691.13
09-Nov-12 07:00:00	09-Nov-12 08:00:00	0.00	0.00	0.00	0.00	1,833.40	2.1	329.7	0.00	0.00	0.00	0.00	604.47	0.23	10.35	18.92	83.84	86.68	09-Nov-12 07:00:00	0.23	10.35	18.92	83.84	691.15
09-Nov-12 08:00:00	09-Nov-12 09:00:00	0.00	0.00	0.00	0.00	1,814.75	2.1	329.7	0.00	0.00	0.00	0.00	598.32	0.23	10.35	18.92	83.84	86.68	09-Nov-12 08:00:00	0.23	10.35	18.92	83.84	685.00
09-Nov-12 09:00:00	09-Nov-12 10:00:00	0.00	0.00	0.00	0.00	1,795.57	2.1	329.7	0.00	0.00	0.00	0.00	592.00	0.23	10.35	18.92	83.84	86.68	09-Nov-12 09:00:00	0.23	10.35	18.92	83.84	678.68
09-Nov-12 10:00:00	09-Nov-12 11:00:00	0.00	0.00	0.00	0.00	1,666.39	2.1	329.7	0.00	0.00	0.00	0.00	549.41	0.23	10.35	18.92	83.84	86.68	09-Nov-12 10:00:00	0.23	10.35	18.92	83.84	636.09
09-Nov-12 11:00:00	09-Nov-12 12:00:00	0.00	0.00	0.00	0.00	1,034.98	2.1	329.7	0.00	0.00	0.00	0.00	341.23	0.23	10.35	18.92	83.84	86.68	09-Nov-12 11:00:00	0.23	10.35	18.92	83.84	427.91
09-Nov-12 12:00:00	09-Nov-12 13:00:00	0.00	0.00	0.00	0.00	568.15	2.1	329.7	0.00	0.00	0.00	0.00	187.32	0.23	10.35	18.92	83.84	86.68	09-Nov-12 12:00:00	0.23	10.35	18.92	83.84	274.00
09-Nov-12 13:00:00	09-Nov-12 14:00:00	0.00	0.																					

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
11-Nov-12 00:00:00	11-Nov-12 01:00:00	0.00	0.00	0.00	0.00	6.61	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	11-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.86
11-Nov-12 01:00:00	11-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	11-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.95
11-Nov-12 02:00:00	11-Nov-12 03:00:00	0.00	0.00	0.00	0.00	7.15	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	11-Nov-12 02:00:00	0.23	10.35	18.92	83.84	89.04
11-Nov-12 03:00:00	11-Nov-12 04:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	11-Nov-12 03:00:00	0.23	10.35	18.92	83.84	89.11
11-Nov-12 04:00:00	11-Nov-12 05:00:00	0.00	0.00	0.00	0.00	7.42	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	11-Nov-12 04:00:00	0.23	10.35	18.92	83.84	89.13
11-Nov-12 05:00:00	11-Nov-12 06:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	11-Nov-12 05:00:00	0.23	10.35	18.92	83.84	89.13
11-Nov-12 06:00:00	11-Nov-12 07:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	11-Nov-12 06:00:00	0.23	10.35	18.92	83.84	89.14
11-Nov-12 07:00:00	11-Nov-12 08:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	11-Nov-12 07:00:00	0.23	10.35	18.92	83.84	89.13
11-Nov-12 08:00:00	11-Nov-12 09:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	11-Nov-12 08:00:00	0.23	10.35	18.92	83.84	88.99
11-Nov-12 09:00:00	11-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	11-Nov-12 09:00:00	0.23	10.35	18.92	83.84	88.81
11-Nov-12 10:00:00	11-Nov-12 11:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	11-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.62
11-Nov-12 11:00:00	11-Nov-12 12:00:00	0.00	0.00	0.00	0.00	5.33	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	11-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.44
11-Nov-12 12:00:00	11-Nov-12 13:00:00	0.00	0.00	0.00	0.00	5.10	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	11-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.36
11-Nov-12 13:00:00	11-Nov-12 14:00:00	0.00	0.00	0.00	0.00	4.99	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	11-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.32
11-Nov-12 14:00:00	11-Nov-12 15:00:00	0.00	0.00	0.00	0.00	4.87	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	11-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.29
11-Nov-12 15:00:00	11-Nov-12 16:00:00	0.00	0.00	0.00	0.00	4.83	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	11-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.27
11-Nov-12 16:00:00	11-Nov-12 17:00:00	0.00	0.00	0.00	0.00	4.99	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	11-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.33
11-Nov-12 17:00:00	11-Nov-12 18:00:00	0.00	0.00	0.00	0.00	5.16	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	11-Nov-12 17:00:00	0.23	10.35	18.92	83.84	88.38
11-Nov-12 18:00:00	11-Nov-12 19:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	11-Nov-12 18:00:00	0.23	10.35	18.92	83.84	88.43
11-Nov-12 19:00:00	11-Nov-12 20:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	11-Nov-12 19:00:00	0.23	10.35	18.92	83.84	88.51
11-Nov-12 20:00:00	11-Nov-12 21:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Nov-12 20:00:00	0.23	10.35	18.92	83.84	88.58
11-Nov-12 21:00:00	11-Nov-12 22:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	11-Nov-12 21:00:00	0.23	10.35	18.92	83.84	88.63
11-Nov-12 22:00:00	11-Nov-12 23:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	11-Nov-12 22:00:00	0.23	10.35	18.92	83.84	88.69
11-Nov-12 23:00:00	12-Nov-12 00:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	11-Nov-12 23:00:00	0.23	10.35	18.92	83.84	88.73
12-Nov-12 00:00:00	12-Nov-12 01:00:00	0.00	0.00	41.62	0.00	6.23	2.1	329.7	0.00	0.00	13.72	0.00	2.05	0.23	10.35	18.92	83.84	86.68	12-Nov-12 00:00:00	0.23	10.35	32.64	83.84	88.73
12-Nov-12 01:00:00	12-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	12-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.74
12-Nov-12 02:00:00	12-Nov-12 03:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	12-Nov-12 02:00:00	0.23	10.35	18.92	83.84	88.75
12-Nov-12 03:00:00	12-Nov-12 04:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Nov-12 03:00:00	0.23	10.35	18.92	83.84	88.77
12-Nov-12 04:00:00	12-Nov-12 05:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Nov-12 04:00:00	0.23	10.35	18.92	83.84	88.77
12-Nov-12 05:00:00	12-Nov-12 06:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Nov-12 05:00:00	0.23	10.35	18.92	83.84	88.77
12-Nov-12 06:00:00	12-Nov-12 07:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Nov-12 06:00:00	0.23	10.35	18.92	83.84	88.77
12-Nov-12 07:00:00	12-Nov-12 08:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Nov-12 07:00:00	0.23	10.35	18.92	83.84	88.77
12-Nov-12 08:00:00	12-Nov-12 09:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	12-Nov-12 08:00:00	0.23	10.35	18.92	83.84	88.75
12-Nov-12 09:00:00	12-Nov-12 10:00:00	0.00	0.00	0.00	348.18	90.06	2.1	329.7	0.00	0.00	0.00	114.80	29.69	0.23	10.35	18.92	83.84	86.68	12-Nov-12 09:00:00	0.23	10.35	18.92	198.64	116.37
12-Nov-12 10:00:00	12-Nov-12 11:00:00	0.00	0.00	0.00	0.00	12.47	2.1	329.7	0.00	0.00	0.00	0.00	4.11	0.23	10.35	18.92	83.84	86.68	12-Nov-12 10:00:00	0.23	10.35	18.92	83.84	90.79
12-Nov-12 11:00:00	12-Nov-12 12:00:00	0.00	0.00	9.03	0.00	5.60	2.1	329.7	0.00	0.00	2.98	0.00	1.85	0.23	10.35	18.92	83.84	86.68	12-Nov-12 11:00:00	0.23	10.35	21.90	83.84	88.53
12-Nov-12 12:00:00	12-Nov-12 13:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	12-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.46
12-Nov-12 13:00:00	12-Nov-12 14:00:00	0.00	0.00	20.53	0.00	5.21	2.1	329.7	0.00	0.00	6.77	0.00	1.72	0.23	10.35	18.92	83.84	86.68	12-Nov-12 13:00:00	0.23	10.35	25.69	83.84	88.40
12-Nov-12 14:00:00	12-Nov-12 15:00:00	0.00	0.00	0.00	0.00	4.98	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	12-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.32
12-Nov-12 15:00:00	12-Nov-12 16:00:00	0.00	0.00	0.00	0.00	5.04	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	12-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.34
12-Nov-12 16:00:00	12-Nov-12 17:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	12-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.37
12-Nov-12 17:00:00	12-Nov-12 18:00:00	0.00	0.00	0.00	0.00	5.18	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
14-Nov-12 00:00:00	14-Nov-12 01:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	14-Nov-12 00:00:00	0.23	10.35	18.92	83.84	89.10
14-Nov-12 01:00:00	14-Nov-12 02:00:00	0.00	0.00	0.00	0.00	7.58	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	14-Nov-12 01:00:00	0.23	10.35	18.92	83.84	89.18
14-Nov-12 02:00:00	14-Nov-12 03:00:00	0.00	0.00	0.00	0.00	7.66	2.1	329.7	0.00	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	14-Nov-12 02:00:00	0.23	10.35	18.92	83.84	89.21
14-Nov-12 03:00:00	14-Nov-12 04:00:00	0.00	0.00	0.00	0.00	7.72	2.1	329.7	0.00	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	14-Nov-12 03:00:00	0.23	10.35	18.92	83.84	89.22
14-Nov-12 04:00:00	14-Nov-12 05:00:00	0.00	0.00	0.00	0.00	7.78	2.1	329.7	0.00	0.00	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	14-Nov-12 04:00:00	0.23	10.35	18.92	83.84	89.24
14-Nov-12 05:00:00	14-Nov-12 06:00:00	0.00	0.00	0.00	0.00	7.91	2.1	329.7	0.00	0.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	14-Nov-12 05:00:00	0.23	10.35	18.92	83.84	89.29
14-Nov-12 06:00:00	14-Nov-12 07:00:00	0.00	0.00	0.00	0.00	7.95	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	14-Nov-12 06:00:00	0.23	10.35	18.92	83.84	89.30
14-Nov-12 07:00:00	14-Nov-12 08:00:00	0.00	0.00	0.00	0.00	7.96	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	14-Nov-12 07:00:00	0.23	10.35	18.92	83.84	89.30
14-Nov-12 08:00:00	14-Nov-12 09:00:00	0.00	0.00	0.00	0.00	7.96	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	14-Nov-12 08:00:00	0.23	10.35	18.92	83.84	89.31
14-Nov-12 09:00:00	14-Nov-12 10:00:00	0.00	0.00	0.00	0.00	8.00	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	14-Nov-12 09:00:00	0.23	10.35	18.92	83.84	89.32
14-Nov-12 10:00:00	14-Nov-12 11:00:00	0.00	0.00	0.00	0.00	275.00	2.1	329.7	0.00	0.00	0.00	0.00	90.67	0.23	10.35	18.92	83.84	86.68	14-Nov-12 10:00:00	0.23	10.35	18.92	83.84	177.35
14-Nov-12 11:00:00	14-Nov-12 12:00:00	0.00	0.00	0.00	0.00	294.67	2.1	329.7	0.00	0.00	0.00	0.00	97.15	0.23	10.35	18.92	83.84	86.68	14-Nov-12 11:00:00	0.23	10.35	18.92	83.84	183.83
14-Nov-12 12:00:00	14-Nov-12 13:00:00	0.00	0.00	0.00	0.00	7.17	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	14-Nov-12 12:00:00	0.23	10.35	18.92	83.84	89.04
14-Nov-12 13:00:00	14-Nov-12 14:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	14-Nov-12 13:00:00	0.23	10.35	18.92	83.84	89.07
14-Nov-12 14:00:00	14-Nov-12 15:00:00	0.00	0.00	0.00	0.00	6.70	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	14-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.99
14-Nov-12 15:00:00	14-Nov-12 16:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	14-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.82
14-Nov-12 16:00:00	14-Nov-12 17:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	14-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.82
14-Nov-12 17:00:00	14-Nov-12 18:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	14-Nov-12 17:00:00	0.23	10.35	18.92	83.84	88.84
14-Nov-12 18:00:00	14-Nov-12 19:00:00	0.00	0.00	0.00	0.00	6.60	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	14-Nov-12 18:00:00	0.23	10.35	18.92	83.84	88.86
14-Nov-12 19:00:00	14-Nov-12 20:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	14-Nov-12 19:00:00	0.23	10.35	18.92	83.84	88.88
14-Nov-12 20:00:00	14-Nov-12 21:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	14-Nov-12 20:00:00	0.23	10.35	18.92	83.84	88.90
14-Nov-12 21:00:00	14-Nov-12 22:00:00	0.00	0.00	0.00	0.00	6.80	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	14-Nov-12 21:00:00	0.23	10.35	18.92	83.84	88.92
14-Nov-12 22:00:00	14-Nov-12 23:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	14-Nov-12 22:00:00	0.23	10.35	18.92	83.84	88.94
14-Nov-12 23:00:00	15-Nov-12 00:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	14-Nov-12 23:00:00	0.23	10.35	18.92	83.84	88.97
15-Nov-12 00:00:00	15-Nov-12 01:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	15-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.99
15-Nov-12 01:00:00	15-Nov-12 02:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	15-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.99
15-Nov-12 02:00:00	15-Nov-12 03:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	15-Nov-12 02:00:00	0.23	10.35	18.92	83.84	89.00
15-Nov-12 03:00:00	15-Nov-12 04:00:00	0.00	0.00	0.00	0.00	7.05	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	15-Nov-12 03:00:00	0.23	10.35	18.92	83.84	89.00
15-Nov-12 04:00:00	15-Nov-12 05:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	15-Nov-12 04:00:00	0.23	10.35	18.92	83.84	89.05
15-Nov-12 05:00:00	15-Nov-12 06:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	15-Nov-12 05:00:00	0.23	10.35	18.92	83.84	89.14
15-Nov-12 06:00:00	15-Nov-12 07:00:00	0.00	0.00	0.00	0.00	7.71	2.1	329.7	0.00	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	15-Nov-12 06:00:00	0.23	10.35	18.92	83.84	89.22
15-Nov-12 07:00:00	15-Nov-12 08:00:00	0.00	0.00	0.00	0.00	7.92	2.1	329.7	0.00	0.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	15-Nov-12 07:00:00	0.23	10.35	18.92	83.84	89.29
15-Nov-12 08:00:00	15-Nov-12 09:00:00	0.00	0.00	0.00	0.00	7.82	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	15-Nov-12 08:00:00	0.23	10.35	18.92	83.84	89.26
15-Nov-12 09:00:00	15-Nov-12 10:00:00	0.00	0.00	0.00	0.00	7.73	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	15-Nov-12 09:00:00	0.23	10.35	18.92	83.84	89.23
15-Nov-12 10:00:00	15-Nov-12 11:00:00	0.00	0.00	0.00	0.00	7.65	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	15-Nov-12 10:00:00	0.23	10.35	18.92	83.84	89.20
15-Nov-12 11:00:00	15-Nov-12 12:00:00	0.00	0.00	0.00	0.00	7.51	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	15-Nov-12 11:00:00	0.23	10.35	18.92	83.84	89.16
15-Nov-12 12:00:00	15-Nov-12 13:00:00	0.00	0.00	0.00	0.00	7.27	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	15-Nov-12 12:00:00	0.23	10.35	18.92	83.84	89.08
15-Nov-12 13:00:00	15-Nov-12 14:00:00	0.00	0.00	0.00	0.00	7.16	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	15-Nov-12 13:00:00	0.23	10.35	18.92	83.84	89.04
15-Nov-12 14:00:00	15-Nov-12 15:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	15-Nov-12 14:00:00	0.23	10.35	18.92	83.84	89.00
15-Nov-12 15:00:00	15-Nov-12 16:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	15-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.97
15-Nov-12 16:00:00	15-Nov-12 17:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	15-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.95
15-Nov-12 17:00:00	15-Nov-12 18:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)											
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
17-Nov-12 00:00:00	17-Nov-12 01:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	17-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.89					
17-Nov-12 01:00:00	17-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.77	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	17-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.91					
17-Nov-12 02:00:00	17-Nov-12 03:00:00	0.00	0.00	0.00	0.00	6.83	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	17-Nov-12 02:00:00	0.23	10.35	18.92	83.84	88.93					
17-Nov-12 03:00:00	17-Nov-12 04:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	17-Nov-12 03:00:00	0.23	10.35	18.92	83.84	88.95					
17-Nov-12 04:00:00	17-Nov-12 05:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	17-Nov-12 04:00:00	0.23	10.35	18.92	83.84	88.96					
17-Nov-12 05:00:00	17-Nov-12 06:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	17-Nov-12 05:00:00	0.23	10.35	18.92	83.84	88.96					
17-Nov-12 06:00:00	17-Nov-12 07:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	17-Nov-12 06:00:00	0.23	10.35	18.92	83.84	88.96					
17-Nov-12 07:00:00	17-Nov-12 08:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	17-Nov-12 07:00:00	0.23	10.35	18.92	83.84	88.97					
17-Nov-12 08:00:00	17-Nov-12 09:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	17-Nov-12 08:00:00	0.23	10.35	18.92	83.84	88.95					
17-Nov-12 09:00:00	17-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	17-Nov-12 09:00:00	0.23	10.35	18.92	83.84	88.90					
17-Nov-12 10:00:00	17-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	17-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.84					
17-Nov-12 11:00:00	17-Nov-12 12:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	17-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.79					
17-Nov-12 12:00:00	17-Nov-12 13:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	17-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.72					
17-Nov-12 13:00:00	17-Nov-12 14:00:00	0.00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	17-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.67					
17-Nov-12 14:00:00	17-Nov-12 15:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	17-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.63					
17-Nov-12 15:00:00	17-Nov-12 16:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	17-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.57					
17-Nov-12 16:00:00	17-Nov-12 17:00:00	0.00	0.00	0.00	0.00	5.63	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	17-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.54					
17-Nov-12 17:00:00	17-Nov-12 18:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	17-Nov-12 17:00:00	0.23	10.35	18.92	83.84	88.55					
17-Nov-12 18:00:00	17-Nov-12 19:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	17-Nov-12 18:00:00	0.23	10.35	18.92	83.84	88.57					
17-Nov-12 19:00:00	17-Nov-12 20:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	17-Nov-12 19:00:00	0.23	10.35	18.92	83.84	88.59					
17-Nov-12 20:00:00	17-Nov-12 21:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	17-Nov-12 20:00:00	0.23	10.35	18.92	83.84	88.61					
17-Nov-12 21:00:00	17-Nov-12 22:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	17-Nov-12 21:00:00	0.23	10.35	18.92	83.84	88.61					
17-Nov-12 22:00:00	17-Nov-12 23:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	17-Nov-12 22:00:00	0.23	10.35	18.92	83.84	88.62					
17-Nov-12 23:00:00	18-Nov-12 00:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	17-Nov-12 23:00:00	0.23	10.35	18.92	83.84	88.63					
18-Nov-12 00:00:00	18-Nov-12 01:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	18-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.70					
18-Nov-12 01:00:00	18-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	18-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.74					
18-Nov-12 02:00:00	18-Nov-12 03:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-Nov-12 02:00:00	0.23	10.35	18.92	83.84	88.77					
18-Nov-12 03:00:00	18-Nov-12 04:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Nov-12 03:00:00	0.23	10.35	18.92	83.84	88.81					
18-Nov-12 04:00:00	18-Nov-12 05:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	18-Nov-12 04:00:00	0.23	10.35	18.92	83.84	88.82					
18-Nov-12 05:00:00	18-Nov-12 06:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	18-Nov-12 05:00:00	0.23	10.35	18.92	83.84	88.82					
18-Nov-12 06:00:00	18-Nov-12 07:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Nov-12 06:00:00	0.23	10.35	18.92	83.84	88.81					
18-Nov-12 07:00:00	18-Nov-12 08:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Nov-12 07:00:00	0.23	10.35	18.92	83.84	88.81					
18-Nov-12 08:00:00	18-Nov-12 09:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-Nov-12 08:00:00	0.23	10.35	18.92	83.84	88.77					
18-Nov-12 09:00:00	18-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	18-Nov-12 09:00:00	0.23	10.35	18.92	83.84	88.73					
18-Nov-12 10:00:00	18-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.08	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	18-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.69					
18-Nov-12 11:00:00	18-Nov-12 12:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	18-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.64					
18-Nov-12 12:00:00	18-Nov-12 13:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	18-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.58					
18-Nov-12 13:00:00	18-Nov-12 14:00:00	0.00	0.00	0.00	0.00	5.58	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	18-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.52					
18-Nov-12 14:00:00	18-Nov-12 15:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	18-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.46					
18-Nov-12 15:00:00	18-Nov-12 16:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	18-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.40					
18-Nov-12 16:00:00	18-Nov-12 17:00:00	0.00	0.00	0.00	0.00	5.17	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	18-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.38					
18-Nov-12 17:00:00	18-Nov-12 18:00:00	0.00	0																										

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
20-Nov-12 00:00:00	20-Nov-12 01:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	20-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.78
20-Nov-12 01:00:00	20-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	20-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.79
20-Nov-12 02:00:00	20-Nov-12 03:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	20-Nov-12 02:00:00	0.23	10.35	18.92	83.84	88.80
20-Nov-12 03:00:00	20-Nov-12 04:00:00	0.00	0.00	0.00	0.00	6.53	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	20-Nov-12 03:00:00	0.23	10.35	18.92	83.84	88.83
20-Nov-12 04:00:00	20-Nov-12 05:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	20-Nov-12 04:00:00	0.23	10.35	18.92	83.84	88.90
20-Nov-12 05:00:00	20-Nov-12 06:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	20-Nov-12 05:00:00	0.23	10.35	18.92	83.84	88.93
20-Nov-12 06:00:00	20-Nov-12 07:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	20-Nov-12 06:00:00	0.23	10.35	18.92	83.84	88.95
20-Nov-12 07:00:00	20-Nov-12 08:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	20-Nov-12 07:00:00	0.23	10.35	18.92	83.84	88.97
20-Nov-12 08:00:00	20-Nov-12 09:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	20-Nov-12 08:00:00	0.23	10.35	18.92	83.84	88.89
20-Nov-12 09:00:00	20-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	20-Nov-12 09:00:00	0.23	10.35	18.92	83.84	88.81
20-Nov-12 10:00:00	20-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	20-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.72
20-Nov-12 11:00:00	20-Nov-12 12:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	20-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.63
20-Nov-12 12:00:00	20-Nov-12 13:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	20-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.55
20-Nov-12 13:00:00	20-Nov-12 14:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	20-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.50
20-Nov-12 14:00:00	20-Nov-12 15:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	20-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.46
20-Nov-12 15:00:00	20-Nov-12 16:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	20-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.42
20-Nov-12 16:00:00	20-Nov-12 17:00:00	0.00	0.00	0.00	0.00	5.38	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	20-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.45
20-Nov-12 17:00:00	20-Nov-12 18:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	20-Nov-12 17:00:00	0.23	10.35	18.92	83.84	88.53
20-Nov-12 18:00:00	20-Nov-12 19:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	20-Nov-12 18:00:00	0.23	10.35	18.92	83.84	88.60
20-Nov-12 19:00:00	20-Nov-12 20:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	20-Nov-12 19:00:00	0.23	10.35	18.92	83.84	88.68
20-Nov-12 20:00:00	20-Nov-12 21:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	20-Nov-12 20:00:00	0.23	10.35	18.92	83.84	88.75
20-Nov-12 21:00:00	20-Nov-12 22:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	20-Nov-12 21:00:00	0.23	10.35	18.92	83.84	88.82
20-Nov-12 22:00:00	20-Nov-12 23:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	20-Nov-12 22:00:00	0.23	10.35	18.92	83.84	88.88
20-Nov-12 23:00:00	21-Nov-12 00:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	20-Nov-12 23:00:00	0.23	10.35	18.92	83.84	88.94
21-Nov-12 00:00:00	21-Nov-12 01:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	21-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.96
21-Nov-12 01:00:00	21-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	21-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.97
21-Nov-12 02:00:00	21-Nov-12 03:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	21-Nov-12 02:00:00	0.23	10.35	18.92	83.84	88.98
21-Nov-12 03:00:00	21-Nov-12 04:00:00	0.00	0.00	0.00	0.00	7.02	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	21-Nov-12 03:00:00	0.23	10.35	18.92	83.84	89.00
21-Nov-12 04:00:00	21-Nov-12 05:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	21-Nov-12 04:00:00	0.23	10.35	18.92	83.84	89.02
21-Nov-12 05:00:00	21-Nov-12 06:00:00	0.00	0.00	0.00	0.00	7.06	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	21-Nov-12 05:00:00	0.23	10.35	18.92	83.84	89.01
21-Nov-12 06:00:00	21-Nov-12 07:00:00	0.00	0.00	0.00	0.00	7.03	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	21-Nov-12 06:00:00	0.23	10.35	18.92	83.84	89.00
21-Nov-12 07:00:00	21-Nov-12 08:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	21-Nov-12 07:00:00	0.23	10.35	18.92	83.84	88.99
21-Nov-12 08:00:00	21-Nov-12 09:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	21-Nov-12 08:00:00	0.23	10.35	18.92	83.84	88.94
21-Nov-12 09:00:00	21-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.59	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	21-Nov-12 09:00:00	0.23	10.35	18.92	83.84	88.85
21-Nov-12 10:00:00	21-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	21-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.76
21-Nov-12 11:00:00	21-Nov-12 12:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	21-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.66
21-Nov-12 12:00:00	21-Nov-12 13:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	21-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.57
21-Nov-12 13:00:00	21-Nov-12 14:00:00	0.00	0.00	0.00	0.00	5.49	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	21-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.49
21-Nov-12 14:00:00	21-Nov-12 15:00:00	0.00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	21-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.41
21-Nov-12 15:00:00	21-Nov-12 16:00:00	0.00	0.00	0.00	0.00	5.01	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	21-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.33
21-Nov-12 16:00:00	21-Nov-12 17:00:00	0.00	0.00	0.00	0.00	5.09	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	21-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.36
21-Nov-12 17:00:00	21-Nov-12 18:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68						

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
23-Nov-12 00:00:00	23-Nov-12 01:00:00	0.00	0.00	0.00	0.00	7.13	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	23-Nov-12 00:00:00	0.23	10.35	18.92	83.84	89.03
23-Nov-12 01:00:00	23-Nov-12 02:00:00	0.08	0.00	0.00	0.00	7.30	2.1	329.7	0.03	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	23-Nov-12 01:00:00	0.26	10.35	18.92	83.84	89.09
23-Nov-12 02:00:00	23-Nov-12 03:00:00	0.50	0.00	0.00	0.00	7.47	2.1	329.7	0.17	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	23-Nov-12 02:00:00	0.40	10.35	18.92	83.84	89.14
23-Nov-12 03:00:00	23-Nov-12 04:00:00	0.90	0.00	0.00	0.00	7.64	2.1	329.7	0.30	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	23-Nov-12 03:00:00	0.53	10.35	18.92	83.84	89.20
23-Nov-12 04:00:00	23-Nov-12 05:00:00	1.01	0.00	0.00	0.00	7.67	2.1	329.7	0.33	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	23-Nov-12 04:00:00	0.56	10.35	18.92	83.84	89.21
23-Nov-12 05:00:00	23-Nov-12 06:00:00	1.01	0.00	0.00	0.00	7.61	2.1	329.7	0.33	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	23-Nov-12 05:00:00	0.56	10.35	18.92	83.84	89.19
23-Nov-12 06:00:00	23-Nov-12 07:00:00	1.01	0.00	0.00	0.00	7.55	2.1	329.7	0.33	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	23-Nov-12 06:00:00	0.56	10.35	18.92	83.84	89.17
23-Nov-12 07:00:00	23-Nov-12 08:00:00	0.86	0.00	0.00	0.00	7.48	2.1	329.7	0.29	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	23-Nov-12 07:00:00	0.52	10.35	18.92	83.84	89.15
23-Nov-12 08:00:00	23-Nov-12 09:00:00	0.00	0.00	0.00	0.00	7.16	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	23-Nov-12 08:00:00	0.23	10.35	18.92	83.84	89.04
23-Nov-12 09:00:00	23-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	23-Nov-12 09:00:00	0.23	10.35	18.92	83.84	89.00
23-Nov-12 10:00:00	23-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	23-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.76
23-Nov-12 11:00:00	23-Nov-12 12:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	23-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.61
23-Nov-12 12:00:00	23-Nov-12 13:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	23-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.50
23-Nov-12 13:00:00	23-Nov-12 14:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	23-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.45
23-Nov-12 14:00:00	23-Nov-12 15:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	23-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.40
23-Nov-12 15:00:00	23-Nov-12 16:00:00	0.00	0.00	0.00	0.00	5.06	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	23-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.35
23-Nov-12 16:00:00	23-Nov-12 17:00:00	0.00	0.00	0.00	0.00	5.01	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	23-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.33
23-Nov-12 17:00:00	23-Nov-12 18:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	23-Nov-12 17:00:00	0.23	10.35	18.92	83.84	88.35
23-Nov-12 18:00:00	23-Nov-12 19:00:00	0.00	0.00	0.00	0.00	5.15	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	23-Nov-12 18:00:00	0.23	10.35	18.92	83.84	88.38
23-Nov-12 19:00:00	23-Nov-12 20:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	23-Nov-12 19:00:00	0.23	10.35	18.92	83.84	88.40
23-Nov-12 20:00:00	23-Nov-12 21:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	23-Nov-12 20:00:00	0.23	10.35	18.92	83.84	88.43
23-Nov-12 21:00:00	23-Nov-12 22:00:00	0.00	0.00	0.00	0.00	5.42	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	23-Nov-12 21:00:00	0.23	10.35	18.92	83.84	88.47
23-Nov-12 22:00:00	23-Nov-12 23:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	23-Nov-12 22:00:00	0.23	10.35	18.92	83.84	88.51
23-Nov-12 23:00:00	24-Nov-12 00:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	23-Nov-12 23:00:00	0.23	10.35	18.92	83.84	88.53
24-Nov-12 00:00:00	24-Nov-12 01:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.56
24-Nov-12 01:00:00	24-Nov-12 02:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	24-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.65
24-Nov-12 02:00:00	24-Nov-12 03:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Nov-12 02:00:00	0.23	10.35	18.92	83.84	88.74
24-Nov-12 03:00:00	24-Nov-12 04:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	24-Nov-12 03:00:00	0.23	10.35	18.92	83.84	88.84
24-Nov-12 04:00:00	24-Nov-12 05:00:00	0.00	0.00	0.00	0.00	6.84	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	24-Nov-12 04:00:00	0.23	10.35	18.92	83.84	88.93
24-Nov-12 05:00:00	24-Nov-12 06:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	24-Nov-12 05:00:00	0.23	10.35	18.92	83.84	88.99
24-Nov-12 06:00:00	24-Nov-12 07:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	24-Nov-12 06:00:00	0.23	10.35	18.92	83.84	89.05
24-Nov-12 07:00:00	24-Nov-12 08:00:00	0.00	0.00	0.00	0.00	7.31	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	24-Nov-12 07:00:00	0.23	10.35	18.92	83.84	89.09
24-Nov-12 08:00:00	24-Nov-12 09:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	24-Nov-12 08:00:00	0.23	10.35	18.92	83.84	89.03
24-Nov-12 09:00:00	24-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	24-Nov-12 09:00:00	0.23	10.35	18.92	83.84	88.95
24-Nov-12 10:00:00	24-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	24-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.87
24-Nov-12 11:00:00	24-Nov-12 12:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	24-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.80
24-Nov-12 12:00:00	24-Nov-12 13:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	24-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.76
24-Nov-12 13:00:00	24-Nov-12 14:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	24-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.75
24-Nov-12 14:00:00	24-Nov-12 15:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.74
24-Nov-12 15:00:00	24-Nov-12 16:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.74
24-Nov-12 16:00:00	24-Nov-12 17:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.74
24-Nov-12 17:00:00	24-Nov-12 18:00:00	0.00	0.00	0.00	0.00	6.15	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
26-Nov-12 00:00:00	26-Nov-12 01:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	26-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.90
26-Nov-12 01:00:00	26-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	26-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.98
26-Nov-12 02:00:00	26-Nov-12 03:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	26-Nov-12 02:00:00	0.23	10.35	18.92	83.84	89.05
26-Nov-12 03:00:00	26-Nov-12 04:00:00	0.57	0.00	0.00	0.00	7.36	2.1	329.7	0.19	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	26-Nov-12 03:00:00	0.42	10.35	18.92	83.84	89.10
26-Nov-12 04:00:00	26-Nov-12 05:00:00	0.40	0.00	0.00	0.00	7.31	2.1	329.7	0.13	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	26-Nov-12 04:00:00	0.36	10.35	18.92	83.84	89.09
26-Nov-12 05:00:00	26-Nov-12 06:00:00	0.24	0.00	0.00	0.00	7.36	2.1	329.7	0.08	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	26-Nov-12 05:00:00	0.31	10.35	18.92	83.84	89.11
26-Nov-12 06:00:00	26-Nov-12 07:00:00	0.12	0.00	0.00	0.00	7.41	2.1	329.7	0.04	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	26-Nov-12 06:00:00	0.27	10.35	18.92	83.84	89.12
26-Nov-12 07:00:00	26-Nov-12 08:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	26-Nov-12 07:00:00	0.23	10.35	18.92	83.84	89.14
26-Nov-12 08:00:00	26-Nov-12 09:00:00	0.00	0.00	0.00	0.00	7.17	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	26-Nov-12 08:00:00	0.23	10.35	18.92	83.84	89.04
26-Nov-12 09:00:00	26-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	26-Nov-12 09:00:00	0.23	10.35	18.92	83.84	89.00
26-Nov-12 10:00:00	26-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	26-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.76
26-Nov-12 11:00:00	26-Nov-12 12:00:00	0.00	0.00	24.82	0.00	5.87	2.1	329.7	0.00	0.00	8.18	0.00	1.94	0.23	10.35	18.92	83.84	86.68	26-Nov-12 11:00:00	0.23	10.35	27.10	83.84	88.62
26-Nov-12 12:00:00	26-Nov-12 13:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	26-Nov-12 12:00:00	0.23	10.35	18.92	83.84	88.51
26-Nov-12 13:00:00	26-Nov-12 14:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	26-Nov-12 13:00:00	0.23	10.35	18.92	83.84	88.42
26-Nov-12 14:00:00	26-Nov-12 15:00:00	0.00	0.00	0.00	0.00	4.98	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	26-Nov-12 14:00:00	0.23	10.35	18.92	83.84	88.32
26-Nov-12 15:00:00	26-Nov-12 16:00:00	0.00	0.00	0.00	0.00	4.72	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	26-Nov-12 15:00:00	0.23	10.35	18.92	83.84	88.24
26-Nov-12 16:00:00	26-Nov-12 17:00:00	0.00	0.00	0.00	0.00	4.83	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	26-Nov-12 16:00:00	0.23	10.35	18.92	83.84	88.27
26-Nov-12 17:00:00	26-Nov-12 18:00:00	0.00	0.00	0.00	0.00	5.05	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	26-Nov-12 17:00:00	0.23	10.35	18.92	83.84	88.35
26-Nov-12 18:00:00	26-Nov-12 19:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	26-Nov-12 18:00:00	0.23	10.35	18.92	83.84	88.42
26-Nov-12 19:00:00	26-Nov-12 20:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	26-Nov-12 19:00:00	0.23	10.35	18.92	83.84	88.50
26-Nov-12 20:00:00	26-Nov-12 21:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	26-Nov-12 20:00:00	0.23	10.35	18.92	83.84	88.57
26-Nov-12 21:00:00	26-Nov-12 22:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	26-Nov-12 21:00:00	0.23	10.35	18.92	83.84	88.60
26-Nov-12 22:00:00	26-Nov-12 23:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	26-Nov-12 22:00:00	0.23	10.35	18.92	83.84	88.63
26-Nov-12 23:00:00	27-Nov-12 00:00:00	0.00	0.00	0.00	0.00	5.96	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	26-Nov-12 23:00:00	0.23	10.35	18.92	83.84	88.65
27-Nov-12 00:00:00	27-Nov-12 01:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	27-Nov-12 00:00:00	0.23	10.35	18.92	83.84	88.64
27-Nov-12 01:00:00	27-Nov-12 02:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	27-Nov-12 01:00:00	0.23	10.35	18.92	83.84	88.67
27-Nov-12 02:00:00	27-Nov-12 03:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	27-Nov-12 02:00:00	0.23	10.35	18.92	83.84	88.70
27-Nov-12 03:00:00	27-Nov-12 04:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	27-Nov-12 03:00:00	0.23	10.35	18.92	83.84	88.74
27-Nov-12 04:00:00	27-Nov-12 05:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Nov-12 04:00:00	0.23	10.35	18.92	83.84	88.77
27-Nov-12 05:00:00	27-Nov-12 06:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Nov-12 05:00:00	0.23	10.35	18.92	83.84	88.77
27-Nov-12 06:00:00	27-Nov-12 07:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Nov-12 06:00:00	0.23	10.35	18.92	83.84	88.77
27-Nov-12 07:00:00	27-Nov-12 08:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	27-Nov-12 07:00:00	0.23	10.35	18.92	83.84	88.78
27-Nov-12 08:00:00	27-Nov-12 09:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	27-Nov-12 08:00:00	0.23	10.35	18.92	83.84	88.79
27-Nov-12 09:00:00	27-Nov-12 10:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	27-Nov-12 09:00:00	0.23	10.35	18.92	83.84	88.80
27-Nov-12 10:00:00	27-Nov-12 11:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	27-Nov-12 10:00:00	0.23	10.35	18.92	83.84	88.80
27-Nov-12 11:00:00	27-Nov-12 12:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	27-Nov-12 11:00:00	0.23	10.35	18.92	83.84	88.79
27-Nov-12 12:00:00	27-Nov-12 13:00:00	0.00	0.00	0.00	139.70	6.31	2.1	329.7	0.00	0.00	46.06	2.08	2.35	0.23	10.35	18.92	83.84	86.68	27-Nov-12 12:00:00	0.23	10.35	18.92	129.90	88.76
27-Nov-12 13:00:00	27-Nov-12 14:00:00	0.00	0.00	0.00	573.90	6.26	2.1	329.7	0.00	0.00	189.22	2.06	2.35	0.23	10.35	18.92	83.84	86.68	27-Nov-12 13:00:00	0.23	10.35	1		

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
29-Nov-12 00:00:00	29-Nov-12 01:00:00	1,901.54	0.00	1,591.88	0.00	616.70	2.1	329.7	626.94	0.00	524.84	0.00	203.33	0.23	10.35	18.92	83.84	86.68	29-Nov-12 00:00:00	627.17	10.35	543.76	83.84	290.01
29-Nov-12 01:00:00	29-Nov-12 02:00:00	1,829.21	0.00	1,581.51	0.00	594.62	2.1	329.7	603.09	0.00	521.42	0.00	196.05	0.23	10.35	18.92	83.84	86.68	29-Nov-12 01:00:00	603.32	10.35	540.34	83.84	282.73
29-Nov-12 02:00:00	29-Nov-12 03:00:00	1,405.33	0.00	1,575.29	0.00	591.64	2.1	329.7	463.34	0.00	519.37	0.00	195.06	0.23	10.35	18.92	83.84	86.68	29-Nov-12 02:00:00	463.57	10.35	538.29	83.84	281.74
29-Nov-12 03:00:00	29-Nov-12 04:00:00	1,705.30	0.00	1,573.23	0.00	580.45	2.1	329.7	562.24	0.00	518.70	0.00	191.38	0.23	10.35	18.92	83.84	86.68	29-Nov-12 03:00:00	562.47	10.35	537.62	83.84	278.06
29-Nov-12 04:00:00	29-Nov-12 05:00:00	1,516.73	0.00	1,571.90	0.00	573.91	2.1	329.7	500.06	0.00	518.26	0.00	189.22	0.23	10.35	18.92	83.84	86.68	29-Nov-12 04:00:00	500.29	10.35	537.18	83.84	275.90
29-Nov-12 05:00:00	29-Nov-12 06:00:00	1,363.55	0.00	1,569.60	0.00	570.75	2.1	329.7	449.56	0.00	517.50	0.00	188.18	0.23	10.35	18.92	83.84	86.68	29-Nov-12 05:00:00	449.79	10.35	536.42	83.84	274.86
29-Nov-12 06:00:00	29-Nov-12 07:00:00	1,368.29	0.00	1,568.58	0.00	567.13	2.1	329.7	451.12	0.00	517.16	0.00	186.98	0.23	10.35	18.92	83.84	86.68	29-Nov-12 06:00:00	451.35	10.35	536.08	83.84	273.61
29-Nov-12 07:00:00	29-Nov-12 08:00:00	1,466.15	0.00	1,565.85	0.00	565.44	2.1	329.7	483.39	0.00	516.26	0.00	186.43	0.23	10.35	18.92	83.84	86.68	29-Nov-12 07:00:00	483.62	10.35	535.18	83.84	273.11
29-Nov-12 08:00:00	29-Nov-12 09:00:00	1,572.45	0.00	1,565.52	0.00	216.68	2.1	329.7	518.44	0.00	516.15	0.00	71.44	0.23	10.35	18.92	83.84	86.68	29-Nov-12 08:00:00	518.67	10.35	535.07	83.84	158.12
29-Nov-12 09:00:00	29-Nov-12 10:00:00	1,549.01	0.00	1,566.71	0.00	10.11	2.1	329.7	510.71	0.00	516.54	0.00	3.33	0.23	10.35	18.92	83.84	86.68	29-Nov-12 09:00:00	510.94	10.35	535.46	83.84	90.01
29-Nov-12 10:00:00	29-Nov-12 11:00:00	1,379.00	0.00	1,512.95	0.00	8.75	2.1	329.7	454.66	0.00	498.82	0.00	2.89	0.23	10.35	18.92	83.84	86.68	29-Nov-12 10:00:00	454.89	10.35	517.74	83.84	89.57
29-Nov-12 11:00:00	29-Nov-12 12:00:00	1,462.78	0.00	1,565.89	0.00	7.40	2.1	329.7	482.28	0.00	516.27	0.00	2.44	0.23	10.35	18.92	83.84	86.68	29-Nov-12 11:00:00	482.51	10.35	535.19	83.84	89.12
29-Nov-12 12:00:00	29-Nov-12 13:00:00	1,501.97	0.00	1,590.19	0.00	6.26	2.1	329.7	495.20	0.00	524.28	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Nov-12 12:00:00	495.43	10.35	543.20	83.84	88.74
29-Nov-12 13:00:00	29-Nov-12 14:00:00	1,524.19	0.00	1,592.91	0.00	6.00	2.1	329.7	502.52	0.00	525.18	0.00	1.98	0.23	10.35	18.92	83.84	86.68	29-Nov-12 13:00:00	502.75	10.35	544.10	83.84	88.66
29-Nov-12 14:00:00	29-Nov-12 15:00:00	1,695.85	0.00	1,594.80	0.00	5.84	2.1	329.7	559.12	0.00	525.81	0.00	1.93	0.23	10.35	18.92	83.84	86.68	29-Nov-12 14:00:00	559.35	10.35	544.73	83.84	88.61
29-Nov-12 15:00:00	29-Nov-12 16:00:00	1,884.33	0.00	1,600.73	0.00	5.68	2.1	329.7	621.26	0.00	527.76	0.00	1.87	0.23	10.35	18.92	83.84	86.68	29-Nov-12 15:00:00	621.49	10.35	546.68	83.84	88.55
29-Nov-12 16:00:00	29-Nov-12 17:00:00	1,822.90	0.00	1,602.00	0.00	5.56	2.1	329.7	601.01	0.00	528.18	0.00	1.83	0.23	10.35	18.92	83.84	86.68	29-Nov-12 16:00:00	601.24	10.35	547.10	83.84	88.51
29-Nov-12 17:00:00	29-Nov-12 18:00:00	1,801.93	0.00	1,605.20	0.00	5.73	2.1	329.7	594.10	0.00	529.23	0.00	1.89	0.23	10.35	18.92	83.84	86.68	29-Nov-12 17:00:00	594.33	10.35	548.15	83.84	88.57
29-Nov-12 18:00:00	29-Nov-12 19:00:00	2,015.01	0.00	1,604.62	0.00	5.95	2.1	329.7	664.35	0.00	529.04	0.00	1.96	0.23	10.35	18.92	83.84	86.68	29-Nov-12 18:00:00	664.58	10.35	547.96	83.84	88.64
29-Nov-12 19:00:00	29-Nov-12 20:00:00	1,826.72	0.00	1,596.83	0.00	6.16	2.1	329.7	602.27	0.00	526.47	0.00	2.03	0.23	10.35	18.92	83.84	86.68	29-Nov-12 19:00:00	602.50	10.35	545.39	83.84	88.71
29-Nov-12 20:00:00	29-Nov-12 21:00:00	1,983.35	0.00	1,587.98	0.00	6.36	2.1	329.7	653.91	0.00	523.56	0.00	2.10	0.23	10.35	18.92	83.84	86.68	29-Nov-12 20:00:00	654.14	10.35	542.48	83.84	88.78
29-Nov-12 21:00:00	29-Nov-12 22:00:00	2,102.99	0.00	1,583.20	0.00	6.53	2.1	329.7	693.36	0.00	521.98	0.00	2.15	0.23	10.35	18.92	83.84	86.68	29-Nov-12 21:00:00	693.59	10.35	540.90	83.84	88.83
29-Nov-12 22:00:00	29-Nov-12 23:00:00	2,009.35	0.00	1,328.17	0.00	6.71	2.1	329.7	662.48	0.00	437.90	0.00	2.21	0.23	10.35	18.92	83.84	86.68	29-Nov-12 22:00:00	662.71	10.35	456.82	83.84	88.89
29-Nov-12 23:00:00	30-Nov-12 00:00:00	1,932.91	0.00	39.94	0.00	6.89	2.1	329.7	637.28	0.00	13.17	0.00	2.27	0.23	10.35	18.92	83.84	86.68	29-Nov-12 23:00:00	637.51	10.35	32.09	83.84	88.95
30-Nov-12 00:00:00	30-Nov-12 01:00:00	1,939.40	0.00	0.00	0.00	7.02	2.1	329.7	639.42	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	30-Nov-12 00:00:00	639.65	10.35	18.92	83.84	89.00
30-Nov-12 01:00:00	30-Nov-12 02:00:00	1,946.81	0.00	0.00	0.00	11.52	2.1	329.7	641.86	0.00	0.00	0.00	3.80	0.23	10.35	18.92	83.84	86.68	30-Nov-12 01:00:00	642.09	10.35	18.92	83.84	90.48
30-Nov-12 02:00:00	30-Nov-12 03:00:00	1,689.81	0.00	6.01	0.00	7.37	2.1	329.7	557.13	0.00	1.98	0.00	2.43	0.23	10.35	18.92	83.84	86.68	30-Nov-12 02:00:00	557.36	10.35	20.90	83.84	89.11
30-Nov-12 03:00:00	30-Nov-12 04:00:00	1,530.16	0.00	0.00	0.00	7.44	2.1	329.7	504.49	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	30-Nov-12 03:00:00	504.72	10.35	18.92	83.84	89.13
30-Nov-12 04:00:00	30-Nov-12 05:00:00	1,369.30	0.00	0.00	0.00	7.52	2.1	329.7	451.46	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	30-Nov-12 04:00:00	451.69	10.35	18.92	83.84	89.16
30-Nov-12 05:00:00	30-Nov-12 06:00:00	1,570.67	0.00	189.72	0.00	7.52	2.1	329.7	517.85	0.00	62.55	0.00	2.48	0.23	10.35	18.92	83.84	86.68	30-Nov-12 05:00:00	518.08	10.35	81.47	83.84	89.16
30-Nov-12 06:00:00	30-Nov-12 07:00:00	1,729.19	0.00	709.21	0.00	7.48	2.1	329.7	570.11	0.00	233.83	0.00	2.47	0.23	10.35	18.92	83.84	86.68	30-Nov-12 06:00:00	570.34	10.35	252.75	83.84	89.15
30-Nov-12 07:00:00	30-Nov-12 08:00:00	1,499.33	0.00	806.53	0.00	27.59	2.1	329.7	494.33	0.00	265.91	0.00	9.10	0.23	10.35	18.92	83.84	86.68	30-Nov-12 07:00:00	494.56	10.35	284.83	83.84	95.78
30-Nov-12 08:00:00	30-Nov-12 09:00:00	1,313.20	0.00	1,027.87	0.00	7.48	2.1	329.7	432.96	0.00	338.89	0.00	2.47	0.23	10.35	18.92	83.84	86.68	30-Nov-12 08:00:00	433.19	10.35	357.81	83.84	89.15
30-Nov-12 09:00:00	30-Nov-12 10:00:00	1,185.68	0.00	1,117.87	2.83	26.83	2.1	329.7	390.92	0.00	368.56	0.93	8.84	0.23	10.35	18.92	83.84	86.68	30-Nov-12 09:00:00	391.15	10.35	387.48	84.77	95.52
30-Nov-12 10:00:00	30-Nov-12 11:00:00	237.44	0.00	1,268.35	35.71	21.50	2.1	329.7	78.28	0.00	418.18	11.77	7.09	0.23	10.35	18.92	83.84	86.68	30-Nov-12 10:00:00	78.51	10.35	437.10	95.61	93.77
30-Nov-12 11:00:00	30-Nov-12 12:00:00	0.00	0.00	933.95	28.54	45.57	2.1	329.7	0.00	0.00	307.92	9.41	15.02	0.23	10.35	18.92	83.84	86.68	30-Nov-12 11:00:00	0.23	10.35	326.84	93.25	101.70
30-Nov-12 12:00:00	30-Nov-12 13:00																							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
02-Dec-12 00:00:00	02-Dec-12 01:00:00	0.00	0.00	0.00	0.00	7.55	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	02-Dec-12 00:00:00	0.23	10.35	18.92	83.84	89.17
02-Dec-12 01:00:00	02-Dec-12 02:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	02-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.80
02-Dec-12 02:00:00	02-Dec-12 03:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	02-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.81
02-Dec-12 03:00:00	02-Dec-12 04:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	02-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.82
02-Dec-12 04:00:00	02-Dec-12 05:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	02-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.81
02-Dec-12 05:00:00	02-Dec-12 06:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	02-Dec-12 05:00:00	0.23	10.35	18.92	83.84	88.79
02-Dec-12 06:00:00	02-Dec-12 07:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	02-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.79
02-Dec-12 07:00:00	02-Dec-12 08:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	02-Dec-12 07:00:00	0.23	10.35	18.92	83.84	88.78
02-Dec-12 08:00:00	02-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	02-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.74
02-Dec-12 09:00:00	02-Dec-12 10:00:00	0.00	0.00	0.00	7.62	5.95	2.1	329.7	0.00	0.00	0.00	2.51	1.96	0.23	10.35	18.92	83.84	86.68	02-Dec-12 09:00:00	0.23	10.35	18.92	86.35	88.64
02-Dec-12 10:00:00	02-Dec-12 11:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	02-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.55
02-Dec-12 11:00:00	02-Dec-12 12:00:00	0.00	0.00	0.00	0.00	5.38	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	02-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.45
02-Dec-12 12:00:00	02-Dec-12 13:00:00	0.00	0.00	0.00	0.54	5.28	2.1	329.7	0.00	0.00	0.00	0.18	1.74	0.23	10.35	18.92	83.84	86.68	02-Dec-12 12:00:00	0.23	10.35	18.92	84.02	88.42
02-Dec-12 13:00:00	02-Dec-12 14:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	02-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.42
02-Dec-12 14:00:00	02-Dec-12 15:00:00	0.00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	02-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.41
02-Dec-12 15:00:00	02-Dec-12 16:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	02-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.40
02-Dec-12 16:00:00	02-Dec-12 17:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	02-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.40
02-Dec-12 17:00:00	02-Dec-12 18:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	02-Dec-12 17:00:00	0.23	10.35	18.92	83.84	88.41
02-Dec-12 18:00:00	02-Dec-12 19:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	02-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.41
02-Dec-12 19:00:00	02-Dec-12 20:00:00	0.00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	02-Dec-12 19:00:00	0.23	10.35	18.92	83.84	88.41
02-Dec-12 20:00:00	02-Dec-12 21:00:00	0.00	0.00	0.00	0.00	5.35	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	02-Dec-12 20:00:00	0.23	10.35	18.92	83.84	88.45
02-Dec-12 21:00:00	02-Dec-12 22:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	02-Dec-12 21:00:00	0.23	10.35	18.92	83.84	88.50
02-Dec-12 22:00:00	02-Dec-12 23:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	02-Dec-12 22:00:00	0.23	10.35	18.92	83.84	88.56
02-Dec-12 23:00:00	03-Dec-12 00:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	02-Dec-12 23:00:00	0.23	10.35	18.92	83.84	88.62
03-Dec-12 00:00:00	03-Dec-12 01:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Dec-12 00:00:00	0.23	10.35	18.92	83.84	88.66
03-Dec-12 01:00:00	03-Dec-12 02:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.66
03-Dec-12 02:00:00	03-Dec-12 03:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.66
03-Dec-12 03:00:00	03-Dec-12 04:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.66
03-Dec-12 04:00:00	03-Dec-12 05:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	03-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.65
03-Dec-12 05:00:00	03-Dec-12 06:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	03-Dec-12 05:00:00	0.23	10.35	18.92	83.84	88.68
03-Dec-12 06:00:00	03-Dec-12 07:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	03-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.71
03-Dec-12 07:00:00	03-Dec-12 08:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	03-Dec-12 07:00:00	0.23	10.35	18.92	83.84	88.75
03-Dec-12 08:00:00	03-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	03-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.78
03-Dec-12 09:00:00	03-Dec-12 10:00:00	0.00	0.00	0.00	0.00	6.14	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	03-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.70
03-Dec-12 10:00:00	03-Dec-12 11:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	03-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.61
03-Dec-12 11:00:00	03-Dec-12 12:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	03-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.52
03-Dec-12 12:00:00	03-Dec-12 13:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	03-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.50
03-Dec-12 13:00:00	03-Dec-12 14:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	03-Dec-12 13:00:00	0.23	10.35			

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
05-Dec-12 00:00:00	05-Dec-12 01:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	05-Dec-12 00:00:00	0.23	10.35	18.92	83.84	88.55
05-Dec-12 01:00:00	05-Dec-12 02:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	05-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.57
05-Dec-12 02:00:00	05-Dec-12 03:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	05-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.58
05-Dec-12 03:00:00	05-Dec-12 04:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	05-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.59
05-Dec-12 04:00:00	05-Dec-12 05:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	05-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.60
05-Dec-12 05:00:00	05-Dec-12 06:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	05-Dec-12 05:00:00	0.23	10.35	18.92	83.84	88.63
05-Dec-12 06:00:00	05-Dec-12 07:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	05-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.65
05-Dec-12 07:00:00	05-Dec-12 08:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	05-Dec-12 07:00:00	0.23	10.35	18.92	83.84	88.68
05-Dec-12 08:00:00	05-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	05-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.68
05-Dec-12 09:00:00	05-Dec-12 10:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	05-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.65
05-Dec-12 10:00:00	05-Dec-12 11:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	05-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.62
05-Dec-12 11:00:00	05-Dec-12 12:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	05-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.59
05-Dec-12 12:00:00	05-Dec-12 13:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	05-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.57
05-Dec-12 13:00:00	05-Dec-12 14:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	05-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.54
05-Dec-12 14:00:00	05-Dec-12 15:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	05-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.51
05-Dec-12 15:00:00	05-Dec-12 16:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	05-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.47
05-Dec-12 16:00:00	05-Dec-12 17:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	05-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.48
05-Dec-12 17:00:00	05-Dec-12 18:00:00	0.00	0.00	0.00	0.00	5.70	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	05-Dec-12 17:00:00	0.23	10.35	18.92	83.84	88.56
05-Dec-12 18:00:00	05-Dec-12 19:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	05-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.64
05-Dec-12 19:00:00	05-Dec-12 20:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	05-Dec-12 19:00:00	0.23	10.35	18.92	83.84	88.72
05-Dec-12 20:00:00	05-Dec-12 21:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	05-Dec-12 20:00:00	0.23	10.35	18.92	83.84	88.75
05-Dec-12 21:00:00	05-Dec-12 22:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	05-Dec-12 21:00:00	0.23	10.35	18.92	83.84	88.74
05-Dec-12 22:00:00	05-Dec-12 23:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	05-Dec-12 22:00:00	0.23	10.35	18.92	83.84	88.73
05-Dec-12 23:00:00	06-Dec-12 00:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	05-Dec-12 23:00:00	0.23	10.35	18.92	83.84	88.73
06-Dec-12 00:00:00	06-Dec-12 01:00:00	0.00	0.00	0.00	0.00	6.18	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	06-Dec-12 00:00:00	0.23	10.35	18.92	83.84	88.72
06-Dec-12 01:00:00	06-Dec-12 02:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	06-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.77
06-Dec-12 02:00:00	06-Dec-12 03:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	06-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.84
06-Dec-12 03:00:00	06-Dec-12 04:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	06-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.90
06-Dec-12 04:00:00	06-Dec-12 05:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	06-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.95
06-Dec-12 05:00:00	06-Dec-12 06:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Dec-12 05:00:00	0.23	10.35	18.92	83.84	88.96
06-Dec-12 06:00:00	06-Dec-12 07:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.96
06-Dec-12 07:00:00	06-Dec-12 08:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Dec-12 07:00:00	0.23	10.35	18.92	83.84	88.96
06-Dec-12 08:00:00	06-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	06-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.97
06-Dec-12 09:00:00	06-Dec-12 10:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	06-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.97
06-Dec-12 10:00:00	06-Dec-12 11:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.96
06-Dec-12 11:00:00	06-Dec-12 12:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.96
06-Dec-12 12:00:00	06-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.96
06-Dec-12 13:00:00	06-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	06-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.95
06-Dec-12 14:00:00	06-Dec-12 15:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	06-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.95
06-Dec-12 15:00:00	06-Dec-12 16:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	06-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.94
06-Dec-12 16:00:00	06-Dec-12 17:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.96
06-Dec-12 17:00:00	06-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
08-Dec-12 00:00:00	08-Dec-12 01:00:00	1,706.69	0.00	0.00	0.00	6.27	2.1	329.7	562.69	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	08-Dec-12 00:00:00	562.92	10.35	18.92	83.84	88.75
08-Dec-12 01:00:00	08-Dec-12 02:00:00	1,830.71	0.00	0.00	0.00	6.30	2.1	329.7	603.59	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	08-Dec-12 01:00:00	603.82	10.35	18.92	83.84	88.76
08-Dec-12 02:00:00	08-Dec-12 03:00:00	1,598.86	0.00	0.00	0.00	6.32	2.1	329.7	527.14	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	08-Dec-12 02:00:00	527.37	10.35	18.92	83.84	88.76
08-Dec-12 03:00:00	08-Dec-12 04:00:00	1,018.86	0.00	0.00	0.00	6.35	2.1	329.7	335.92	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	08-Dec-12 03:00:00	336.15	10.35	18.92	83.84	88.77
08-Dec-12 04:00:00	08-Dec-12 05:00:00	1,005.71	0.00	0.00	0.00	6.39	2.1	329.7	331.58	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	08-Dec-12 04:00:00	331.81	10.35	18.92	83.84	88.79
08-Dec-12 05:00:00	08-Dec-12 06:00:00	189.23	0.00	0.00	0.00	6.38	2.1	329.7	62.39	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	08-Dec-12 05:00:00	62.62	10.35	18.92	83.84	88.78
08-Dec-12 06:00:00	08-Dec-12 07:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	08-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.78
08-Dec-12 07:00:00	08-Dec-12 08:00:00	0.00	0.00	277.60	0.00	6.36	2.1	329.7	0.00	0.00	91.52	0.00	2.10	0.23	10.35	18.92	83.84	86.68	08-Dec-12 07:00:00	0.23	10.35	110.44	83.84	88.78
08-Dec-12 08:00:00	08-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	08-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.76
08-Dec-12 09:00:00	08-Dec-12 10:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	08-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.73
08-Dec-12 10:00:00	08-Dec-12 11:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	08-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.69
08-Dec-12 11:00:00	08-Dec-12 12:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	08-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.67
08-Dec-12 12:00:00	08-Dec-12 13:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	08-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.66
08-Dec-12 13:00:00	08-Dec-12 14:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	08-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.58
08-Dec-12 14:00:00	08-Dec-12 15:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	08-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.50
08-Dec-12 15:00:00	08-Dec-12 16:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	08-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.43
08-Dec-12 16:00:00	08-Dec-12 17:00:00	0.00	0.00	0.00	0.00	5.42	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	08-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.47
08-Dec-12 17:00:00	08-Dec-12 18:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	08-Dec-12 17:00:00	0.23	10.35	18.92	83.84	88.49
08-Dec-12 18:00:00	08-Dec-12 19:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	08-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.52
08-Dec-12 19:00:00	08-Dec-12 20:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	08-Dec-12 19:00:00	0.23	10.35	18.92	83.84	88.54
08-Dec-12 20:00:00	08-Dec-12 21:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	08-Dec-12 20:00:00	0.23	10.35	18.92	83.84	88.57
08-Dec-12 21:00:00	08-Dec-12 22:00:00	0.00	0.00	168.56	0.00	5.74	2.1	329.7	0.00	0.00	55.57	0.00	1.89	0.23	10.35	18.92	83.84	86.68	08-Dec-12 21:00:00	0.23	10.35	74.49	83.84	88.57
08-Dec-12 22:00:00	08-Dec-12 23:00:00	0.00	0.00	1,579.14	0.00	5.75	2.1	329.7	0.00	0.00	520.64	0.00	1.90	0.23	10.35	18.92	83.84	86.68	08-Dec-12 22:00:00	0.23	10.35	539.56	83.84	88.58
08-Dec-12 23:00:00	09-Dec-12 00:00:00	0.00	0.00	1,577.54	0.00	5.77	2.1	329.7	0.00	0.00	520.12	0.00	1.90	0.23	10.35	18.92	83.84	86.68	08-Dec-12 23:00:00	0.23	10.35	539.04	83.84	88.58
09-Dec-12 00:00:00	09-Dec-12 01:00:00	0.00	0.00	1,576.23	0.00	5.78	2.1	329.7	0.00	0.00	519.68	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Dec-12 00:00:00	0.23	10.35	538.60	83.84	88.58
09-Dec-12 01:00:00	09-Dec-12 02:00:00	0.00	0.00	644.72	0.00	5.78	2.1	329.7	0.00	0.00	212.56	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Dec-12 01:00:00	0.23	10.35	231.48	83.84	88.58
09-Dec-12 02:00:00	09-Dec-12 03:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	09-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.59
09-Dec-12 03:00:00	09-Dec-12 04:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	09-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.59
09-Dec-12 04:00:00	09-Dec-12 05:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	09-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.60
09-Dec-12 05:00:00	09-Dec-12 06:00:00	0.48	0.00	0.00	0.00	5.86	2.1	329.7	0.16	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	09-Dec-12 05:00:00	0.39	10.35	18.92	83.84	88.61
09-Dec-12 06:00:00	09-Dec-12 07:00:00	1.37	0.00	0.00	0.00	5.90	2.1	329.7	0.45	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	09-Dec-12 06:00:00	0.68	10.35	18.92	83.84	88.62
09-Dec-12 07:00:00	09-Dec-12 08:00:00	2.28	0.00	0.00	0.00	5.93	2.1	329.7	0.75	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	09-Dec-12 07:00:00	0.98	10.35	18.92	83.84	88.63
09-Dec-12 08:00:00	09-Dec-12 09:00:00	1.40	0.00	0.00	0.00	5.81	2.1	329.7	0.46	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	09-Dec-12 08:00:00	0.69	10.35	18.92	83.84	88.60
09-Dec-12 09:00:00	09-Dec-12 10:00:00	0.23	0.00	0.00	0.00	5.73	2.1	329.7	0.08	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	09-Dec-12 09:00:00	0.31	10.35	18.92	83.84	88.57
09-Dec-12 10:00:00	09-Dec-12 11:00:00	0.44	0.00	0.00	0.00	5.64	2.1	329.7	0.15	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	09-Dec-12 10:00:00	0.38	10.35	18.92	83.84	88.54
09-Dec-12 11:00:00	09-Dec-12 12:00:00	0.34	0.00	0.00	0.00	5.57	2.1	329.7	0.11	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	09-Dec-12 11:00:00	0.34	10.35	18.92	83.84	88.52
09-Dec-12 12:00:00	09-Dec-12 13:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	09-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.50
09-Dec-12 13:00:00	09-Dec-12 14:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26F7143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
11-Dec-12 00:00:00	11-Dec-12 01:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Dec-12 00:00:00	0.23	10.35	18.92	83.84	88.58
11-Dec-12 01:00:00	11-Dec-12 02:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.58
11-Dec-12 02:00:00	11-Dec-12 03:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.58
11-Dec-12 03:00:00	11-Dec-12 04:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	11-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.60
11-Dec-12 04:00:00	11-Dec-12 05:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	11-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.62
11-Dec-12 05:00:00	11-Dec-12 06:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	11-Dec-12 05:00:00	0.23	10.35	18.92	83.84	88.63
11-Dec-12 06:00:00	11-Dec-12 07:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	11-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.64
11-Dec-12 07:00:00	11-Dec-12 08:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	11-Dec-12 07:00:00	0.23	10.35	18.92	83.84	88.69
11-Dec-12 08:00:00	11-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	11-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.69
11-Dec-12 09:00:00	11-Dec-12 10:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	11-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.66
11-Dec-12 10:00:00	11-Dec-12 11:00:00	0.00	0.00	0.00	97.12	5.93	2.1	329.7	0.00	0.00	0.00	32.02	1.95	0.23	10.35	18.92	83.84	86.68	11-Dec-12 10:00:00	0.23	10.35	18.92	115.86	88.63
11-Dec-12 11:00:00	11-Dec-12 12:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	11-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.66
11-Dec-12 12:00:00	11-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.00	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	11-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.66
11-Dec-12 13:00:00	11-Dec-12 14:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	11-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.63
11-Dec-12 14:00:00	11-Dec-12 15:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	11-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.60
11-Dec-12 15:00:00	11-Dec-12 16:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	11-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.60
11-Dec-12 16:00:00	11-Dec-12 17:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	11-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.64
11-Dec-12 17:00:00	11-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	11-Dec-12 17:00:00	0.23	10.35	18.92	83.84	88.68
11-Dec-12 18:00:00	11-Dec-12 19:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	11-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.72
11-Dec-12 19:00:00	11-Dec-12 20:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	11-Dec-12 19:00:00	0.23	10.35	18.92	83.84	88.77
11-Dec-12 20:00:00	11-Dec-12 21:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	11-Dec-12 20:00:00	0.23	10.35	18.92	83.84	88.81
11-Dec-12 21:00:00	11-Dec-12 22:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	11-Dec-12 21:00:00	0.23	10.35	18.92	83.84	88.85
11-Dec-12 22:00:00	11-Dec-12 23:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	11-Dec-12 22:00:00	0.23	10.35	18.92	83.84	88.88
11-Dec-12 23:00:00	12-Dec-12 00:00:00	0.00	0.00	0.00	0.00	6.78	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	11-Dec-12 23:00:00	0.23	10.35	18.92	83.84	88.92
12-Dec-12 00:00:00	12-Dec-12 01:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	12-Dec-12 00:00:00	0.23	10.35	18.92	83.84	88.95
12-Dec-12 01:00:00	12-Dec-12 02:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	12-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.98
12-Dec-12 02:00:00	12-Dec-12 03:00:00	0.00	0.00	0.00	0.00	7.07	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	12-Dec-12 02:00:00	0.23	10.35	18.92	83.84	89.01
12-Dec-12 03:00:00	12-Dec-12 04:00:00	0.00	0.00	0.00	0.00	7.15	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	12-Dec-12 03:00:00	0.23	10.35	18.92	83.84	89.04
12-Dec-12 04:00:00	12-Dec-12 05:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	12-Dec-12 04:00:00	0.23	10.35	18.92	83.84	89.05
12-Dec-12 05:00:00	12-Dec-12 06:00:00	0.00	0.00	0.00	0.00	7.19	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	12-Dec-12 05:00:00	0.23	10.35	18.92	83.84	89.05
12-Dec-12 06:00:00	12-Dec-12 07:00:00	0.00	0.00	0.00	0.00	7.21	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	12-Dec-12 06:00:00	0.23	10.35	18.92	83.84	89.06
12-Dec-12 07:00:00	12-Dec-12 08:00:00	0.00	0.00	0.00	0.00	7.25	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	12-Dec-12 07:00:00	0.23	10.35	18.92	83.84	89.07
12-Dec-12 08:00:00	12-Dec-12 09:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	12-Dec-12 08:00:00	0.23	10.35	18.92	83.84	89.06
12-Dec-12 09:00:00	12-Dec-12 10:00:00	0.00	0.00	0.00	0.00	7.17	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	12-Dec-12 09:00:00	0.23	10.35	18.92	83.84	89.04
12-Dec-12 10:00:00	12-Dec-12 11:00:00	0.00	0.00	0.00	0.00	7.12	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	12-Dec-12 10:00:00	0.23	10.35	18.92	83.84	89.03
12-Dec-12 11:00:00	12-Dec-12 12:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	12-Dec-12 11:00:00	0.23	10.35	18.92	83.84	89.06
12-Dec-12 12:00:00	12-Dec-12 13:00:00	0.00	0.00	0.00	0.00	7.24	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	12-Dec-12 12:00:00	0.23	10.35	18.92	83.84	89.07
12-Dec-12 13:00:00	12-Dec-12 14:00:00	0.00	0.00	0.00	0.00	7.21	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	12-Dec-12 13:00:00	0.23	10.35	18.92	83.84	89.06
12-Dec-12 14:00:00	12-Dec-12 15:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	12-Dec-12 14:00:00	0.23	10.35	18.92	83.84	89.05
12-Dec-12 15:00:00	12-Dec-12 16:00:00	0.00	0.00	0.00	0.00	7.36	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	12-Dec-12 15:00:00	0.23	10.35	18.92	83.84	89.11
12-Dec-12 16:00:00	12-Dec-12 17:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	12-Dec-12 16:00:00	0.23	10.35	18.92	83.84	89.13
12-Dec-12 17:00:00	12-Dec-12 18:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.8							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
14-Dec-12 00:00:00	14-Dec-12 01:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	14-Dec-12 00:00:00	0.23	10.35	18.92	83.84	89.02
14-Dec-12 01:00:00	14-Dec-12 02:00:00	0.00	0.00	0.00	0.00	7.24	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	14-Dec-12 01:00:00	0.23	10.35	18.92	83.84	89.07
14-Dec-12 02:00:00	14-Dec-12 03:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	14-Dec-12 02:00:00	0.23	10.35	18.92	83.84	89.11
14-Dec-12 03:00:00	14-Dec-12 04:00:00	0.00	0.00	0.00	0.00	7.51	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	14-Dec-12 03:00:00	0.23	10.35	18.92	83.84	89.15
14-Dec-12 04:00:00	14-Dec-12 05:00:00	0.00	0.00	0.00	0.00	7.62	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	14-Dec-12 04:00:00	0.23	10.35	18.92	83.84	89.19
14-Dec-12 05:00:00	14-Dec-12 06:00:00	0.00	0.00	0.00	0.00	7.75	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	14-Dec-12 05:00:00	0.23	10.35	18.92	83.84	89.23
14-Dec-12 06:00:00	14-Dec-12 07:00:00	0.25	0.00	0.00	0.00	7.87	2.1	329.7	0.08	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	14-Dec-12 06:00:00	0.31	10.35	18.92	83.84	89.27
14-Dec-12 07:00:00	14-Dec-12 08:00:00	0.00	0.00	0.00	0.00	7.85	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	14-Dec-12 07:00:00	0.23	10.35	18.92	83.84	89.27
14-Dec-12 08:00:00	14-Dec-12 09:00:00	0.00	0.00	0.00	0.00	7.60	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	14-Dec-12 08:00:00	0.23	10.35	18.92	83.84	89.18
14-Dec-12 09:00:00	14-Dec-12 10:00:00	0.00	0.00	0.00	0.00	7.35	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	14-Dec-12 09:00:00	0.23	10.35	18.92	83.84	89.10
14-Dec-12 10:00:00	14-Dec-12 11:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	14-Dec-12 10:00:00	0.23	10.35	18.92	83.84	89.02
14-Dec-12 11:00:00	14-Dec-12 12:00:00	0.00	0.00	0.00	0.00	6.83	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	14-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.93
14-Dec-12 12:00:00	14-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	14-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.84
14-Dec-12 13:00:00	14-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	14-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.75
14-Dec-12 14:00:00	14-Dec-12 15:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	14-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.66
14-Dec-12 15:00:00	14-Dec-12 16:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	14-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.60
14-Dec-12 16:00:00	14-Dec-12 17:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	14-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.63
14-Dec-12 17:00:00	14-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	14-Dec-12 17:00:00	0.23	10.35	18.92	83.84	88.67
14-Dec-12 18:00:00	14-Dec-12 19:00:00	0.00	0.00	0.00	0.00	6.15	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	14-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.71
14-Dec-12 19:00:00	14-Dec-12 20:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	14-Dec-12 19:00:00	0.23	10.35	18.92	83.84	88.76
14-Dec-12 20:00:00	14-Dec-12 21:00:00	1.41	0.00	0.00	0.00	6.60	2.1	329.7	0.46	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	14-Dec-12 20:00:00	0.69	10.35	18.92	83.84	88.86
14-Dec-12 21:00:00	14-Dec-12 22:00:00	0.91	0.00	0.00	0.00	6.92	2.1	329.7	0.30	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	14-Dec-12 21:00:00	0.53	10.35	18.92	83.84	88.96
14-Dec-12 22:00:00	14-Dec-12 23:00:00	1.17	0.00	0.00	0.00	7.23	2.1	329.7	0.39	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	14-Dec-12 22:00:00	0.62	10.35	18.92	83.84	89.06
14-Dec-12 23:00:00	15-Dec-12 00:00:00	0.45	0.00	0.00	0.00	7.46	2.1	329.7	0.15	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	14-Dec-12 23:00:00	0.38	10.35	18.92	83.84	89.14
15-Dec-12 00:00:00	15-Dec-12 01:00:00	1.32	0.00	0.00	0.00	7.48	2.1	329.7	0.43	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	15-Dec-12 00:00:00	0.66	10.35	18.92	83.84	89.15
15-Dec-12 01:00:00	15-Dec-12 02:00:00	0.13	0.00	0.00	0.00	7.49	2.1	329.7	0.04	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	15-Dec-12 01:00:00	0.27	10.35	18.92	83.84	89.15
15-Dec-12 02:00:00	15-Dec-12 03:00:00	0.44	0.00	0.00	0.00	7.50	2.1	329.7	0.15	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	15-Dec-12 02:00:00	0.38	10.35	18.92	83.84	89.15
15-Dec-12 03:00:00	15-Dec-12 04:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	15-Dec-12 03:00:00	0.23	10.35	18.92	83.84	89.15
15-Dec-12 04:00:00	15-Dec-12 05:00:00	0.00	0.00	0.00	0.00	7.42	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	15-Dec-12 04:00:00	0.23	10.35	18.92	83.84	89.13
15-Dec-12 05:00:00	15-Dec-12 06:00:00	0.15	0.00	0.00	0.00	7.36	2.1	329.7	0.05	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	15-Dec-12 05:00:00	0.28	10.35	18.92	83.84	89.11
15-Dec-12 06:00:00	15-Dec-12 07:00:00	0.00	0.00	0.00	0.00	7.30	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	15-Dec-12 06:00:00	0.23	10.35	18.92	83.84	89.09
15-Dec-12 07:00:00	15-Dec-12 08:00:00	0.22	0.00	0.00	0.00	7.20	2.1	329.7	0.07	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	15-Dec-12 07:00:00	0.30	10.35	18.92	83.84	89.05
15-Dec-12 08:00:00	15-Dec-12 09:00:00	1.11	0.00	0.00	0.00	7.02	2.1	329.7	0.37	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	15-Dec-12 08:00:00	0.60	10.35	18.92	83.84	88.99
15-Dec-12 09:00:00	15-Dec-12 10:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	15-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.94
15-Dec-12 10:00:00	15-Dec-12 11:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	15-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.88
15-Dec-12 11:00:00	15-Dec-12 12:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	15-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.81
15-Dec-12 12:00:00	15-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	15-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.73
15-Dec-12 13:00:00	15-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	15-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.67
15-Dec-12 14:00:00	15-Dec-12 15:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	15-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.60
15-Dec-12 15:00:00	15-Dec-12 16:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	15-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.55
15-Dec-12 16:00:00	15-Dec-12 17:00:00	0.00	0.00	0.00	0.00	5.70	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	15-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.56
15-Dec-12 17:00:00	15-Dec-12 18:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
17-Dec-12 00:00:00	17-Dec-12 01:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	17-Dec-12 00:00:00	0.23	10.35	18.92	83.84	88.72
17-Dec-12 01:00:00	17-Dec-12 02:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	17-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.74
17-Dec-12 02:00:00	17-Dec-12 03:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	17-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.75
17-Dec-12 03:00:00	17-Dec-12 04:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.77
17-Dec-12 04:00:00	17-Dec-12 05:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.77
17-Dec-12 05:00:00	17-Dec-12 06:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Dec-12 05:00:00	0.23	10.35	18.92	83.84	88.77
17-Dec-12 06:00:00	17-Dec-12 07:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.77
17-Dec-12 07:00:00	17-Dec-12 08:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	17-Dec-12 07:00:00	0.23	10.35	18.92	83.84	88.76
17-Dec-12 08:00:00	17-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	17-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.74
17-Dec-12 09:00:00	17-Dec-12 10:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	17-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.73
17-Dec-12 10:00:00	17-Dec-12 11:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	17-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.72
17-Dec-12 11:00:00	17-Dec-12 12:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	17-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.67
17-Dec-12 12:00:00	17-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.00	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	17-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.66
17-Dec-12 13:00:00	17-Dec-12 14:00:00	0.32	0.00	0.00	0.00	6.02	2.1	329.7	0.11	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	17-Dec-12 13:00:00	0.34	10.35	18.92	83.84	88.66
17-Dec-12 14:00:00	17-Dec-12 15:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	17-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.67
17-Dec-12 15:00:00	17-Dec-12 16:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	17-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.67
17-Dec-12 16:00:00	17-Dec-12 17:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	17-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.67
17-Dec-12 17:00:00	17-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	17-Dec-12 17:00:00	0.23	10.35	18.92	83.84	88.67
17-Dec-12 18:00:00	17-Dec-12 19:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	17-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.66
17-Dec-12 19:00:00	17-Dec-12 20:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	17-Dec-12 19:00:00	0.23	10.35	18.92	83.84	88.67
17-Dec-12 20:00:00	17-Dec-12 21:00:00	0.00	0.00	0.00	0.00	6.12	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	17-Dec-12 20:00:00	0.23	10.35	18.92	83.84	88.70
17-Dec-12 21:00:00	17-Dec-12 22:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	17-Dec-12 21:00:00	0.23	10.35	18.92	83.84	88.72
17-Dec-12 22:00:00	17-Dec-12 23:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	17-Dec-12 22:00:00	0.23	10.35	18.92	83.84	88.75
17-Dec-12 23:00:00	18-Dec-12 00:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Dec-12 23:00:00	0.23	10.35	18.92	83.84	88.77
18-Dec-12 00:00:00	18-Dec-12 01:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	18-Dec-12 00:00:00	0.23	10.35	18.92	83.84	88.78
18-Dec-12 01:00:00	18-Dec-12 02:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	18-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.79
18-Dec-12 02:00:00	18-Dec-12 03:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	18-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.79
18-Dec-12 03:00:00	18-Dec-12 04:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.81
18-Dec-12 04:00:00	18-Dec-12 05:00:00	0.00	0.00	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	18-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.85
18-Dec-12 05:00:00	18-Dec-12 06:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	18-Dec-12 05:00:00	0.23	10.35	18.92	83.84	88.88
18-Dec-12 06:00:00	18-Dec-12 07:00:00	0.00	0.00	0.00	0.00	6.78	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	18-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.92
18-Dec-12 07:00:00	18-Dec-12 08:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	18-Dec-12 07:00:00	0.23	10.35	18.92	83.84	88.95
18-Dec-12 08:00:00	18-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.96
18-Dec-12 09:00:00	18-Dec-12 10:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	18-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.95
18-Dec-12 10:00:00	18-Dec-12 11:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	18-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.95
18-Dec-12 11:00:00	18-Dec-12 12:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	18-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.90
18-Dec-12 12:00:00	18-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	18-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.85
18-Dec-12 13:00:00	18-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.81
18-Dec-12 14:00:00	18-Dec-12 15:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.77
18-Dec-12 15:00:00	18-Dec-12 16:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	18-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.75
18-Dec-12 16:00:00	18-Dec-12 17:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.77
18-Dec-12 17:00:00	18-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
20-Dec-12 00:00:00	20-Dec-12 01:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	20-Dec-12 00:00:00	0.23	10.35	18.92	83.84	89.14
20-Dec-12 01:00:00	20-Dec-12 02:00:00	0.00	0.00	0.00	0.00	7.57	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	20-Dec-12 01:00:00	0.23	10.35	18.92	83.84	89.17
20-Dec-12 02:00:00	20-Dec-12 03:00:00	0.00	0.00	0.00	0.00	7.68	2.1	329.7	0.00	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	20-Dec-12 02:00:00	0.23	10.35	18.92	83.84	89.21
20-Dec-12 03:00:00	20-Dec-12 04:00:00	0.33	0.00	0.00	0.00	7.70	2.1	329.7	0.11	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	20-Dec-12 03:00:00	0.34	10.35	18.92	83.84	89.22
20-Dec-12 04:00:00	20-Dec-12 05:00:00	0.13	0.00	0.00	0.00	7.65	2.1	329.7	0.04	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	20-Dec-12 04:00:00	0.27	10.35	18.92	83.84	89.20
20-Dec-12 05:00:00	20-Dec-12 06:00:00	0.00	0.00	0.00	0.00	7.61	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	20-Dec-12 05:00:00	0.23	10.35	18.92	83.84	89.19
20-Dec-12 06:00:00	20-Dec-12 07:00:00	0.00	0.00	0.00	0.00	7.57	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	20-Dec-12 06:00:00	0.23	10.35	18.92	83.84	89.18
20-Dec-12 07:00:00	20-Dec-12 08:00:00	0.00	0.00	0.00	0.00	7.49	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	20-Dec-12 07:00:00	0.23	10.35	18.92	83.84	89.15
20-Dec-12 08:00:00	20-Dec-12 09:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	20-Dec-12 08:00:00	0.23	10.35	18.92	83.84	89.11
20-Dec-12 09:00:00	20-Dec-12 10:00:00	0.00	0.00	0.00	0.00	7.28	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	20-Dec-12 09:00:00	0.23	10.35	18.92	83.84	89.08
20-Dec-12 10:00:00	20-Dec-12 11:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	20-Dec-12 10:00:00	0.23	10.35	18.92	83.84	89.05
20-Dec-12 11:00:00	20-Dec-12 12:00:00	0.00	0.00	0.00	0.00	7.02	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	20-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.99
20-Dec-12 12:00:00	20-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.83	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	20-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.93
20-Dec-12 13:00:00	20-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	20-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.87
20-Dec-12 14:00:00	20-Dec-12 15:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	20-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.82
20-Dec-12 15:00:00	20-Dec-12 16:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	20-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.78
20-Dec-12 16:00:00	20-Dec-12 17:00:00	0.00	0.00	0.00	0.00	15.78	2.1	329.7	0.00	0.00	0.00	0.00	5.20	0.23	10.35	18.92	83.84	86.68	20-Dec-12 16:00:00	0.23	10.35	18.92	83.84	91.88
20-Dec-12 17:00:00	20-Dec-12 18:00:00	0.00	0.00	0.00	0.00	10.87	2.1	329.7	0.00	0.00	0.00	0.00	3.58	0.23	10.35	18.92	83.84	86.68	20-Dec-12 17:00:00	0.23	10.35	18.92	83.84	90.26
20-Dec-12 18:00:00	20-Dec-12 19:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	20-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.87
20-Dec-12 19:00:00	20-Dec-12 20:00:00	0.00	0.00	0.00	0.00	71.66	2.1	329.7	0.00	0.00	0.00	0.00	23.63	0.23	10.35	18.92	83.84	86.68	20-Dec-12 19:00:00	0.23	10.35	18.92	83.84	110.31
20-Dec-12 20:00:00	20-Dec-12 21:00:00	0.00	0.00	0.00	0.00	54.22	2.1	329.7	0.00	0.00	0.00	0.00	17.88	0.23	10.35	18.92	83.84	86.68	20-Dec-12 20:00:00	0.23	10.35	18.92	83.84	104.56
20-Dec-12 21:00:00	20-Dec-12 22:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	20-Dec-12 21:00:00	0.23	10.35	18.92	83.84	88.95
20-Dec-12 22:00:00	20-Dec-12 23:00:00	0.00	0.00	0.00	0.00	7.33	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	20-Dec-12 22:00:00	0.23	10.35	18.92	83.84	89.10
20-Dec-12 23:00:00	21-Dec-12 00:00:00	0.00	0.00	0.00	0.00	7.79	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	20-Dec-12 23:00:00	0.23	10.35	18.92	83.84	89.25
21-Dec-12 00:00:00	21-Dec-12 01:00:00	0.00	0.00	0.00	0.00	8.26	2.1	329.7	0.00	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	21-Dec-12 00:00:00	0.23	10.35	18.92	83.84	89.40
21-Dec-12 01:00:00	21-Dec-12 02:00:00	0.00	0.00	0.00	0.00	8.57	2.1	329.7	0.00	0.00	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	21-Dec-12 01:00:00	0.23	10.35	18.92	83.84	89.51
21-Dec-12 02:00:00	21-Dec-12 03:00:00	0.00	0.00	0.00	0.00	8.51	2.1	329.7	0.00	0.00	0.00	0.00	2.80	0.23	10.35	18.92	83.84	86.68	21-Dec-12 02:00:00	0.23	10.35	18.92	83.84	89.48
21-Dec-12 03:00:00	21-Dec-12 04:00:00	0.00	0.00	0.00	0.00	8.44	2.1	329.7	0.00	0.00	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	21-Dec-12 03:00:00	0.23	10.35	18.92	83.84	89.46
21-Dec-12 04:00:00	21-Dec-12 05:00:00	0.00	0.00	0.00	0.00	8.38	2.1	329.7	0.00	0.00	0.00	0.00	2.76	0.23	10.35	18.92	83.84	86.68	21-Dec-12 04:00:00	0.23	10.35	18.92	83.84	89.44
21-Dec-12 05:00:00	21-Dec-12 06:00:00	0.00	0.00	0.00	0.00	8.34	2.1	329.7	0.00	0.00	0.00	0.00	2.75	0.23	10.35	18.92	83.84	86.68	21-Dec-12 05:00:00	0.23	10.35	18.92	83.84	89.43
21-Dec-12 06:00:00	21-Dec-12 07:00:00	0.00	0.00	0.00	0.00	8.40	2.1	329.7	0.00	0.00	0.00	0.00	2.77	0.23	10.35	18.92	83.84	86.68	21-Dec-12 06:00:00	0.23	10.35	18.92	83.84	89.45
21-Dec-12 07:00:00	21-Dec-12 08:00:00	0.00	0.00	0.00	0.00	8.46	2.1	329.7	0.00	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	21-Dec-12 07:00:00	0.23	10.35	18.92	83.84	89.47
21-Dec-12 08:00:00	21-Dec-12 09:00:00	0.00	0.00	0.00	0.00	8.53	2.1	329.7	0.00	0.00	0.00	0.00	2.81	0.23	10.35	18.92	83.84	86.68	21-Dec-12 08:00:00	0.23	10.35	18.92	83.84	89.49
21-Dec-12 09:00:00	21-Dec-12 10:00:00	0.02	0.00	0.00	0.00	19.94	2.1	329.7	0.01	0.00	0.00	0.00	6.57	0.23	10.35	18.92	83.84	86.68	21-Dec-12 09:00:00	0.24	10.35	18.92	83.84	93.25
21-Dec-12 10:00:00	21-Dec-12 11:00:00	0.00	0.00	0.00	0.00	8.93	2.1	329.7	0.00	0.00	0.00	0.00	2.94	0.23	10.35	18.92	83.84	86.68	21-Dec-12 10:00:00	0.23	10.35	18.92	83.84	89.62
21-Dec-12 11:00:00	21-Dec-12 12:00:00	0.00	0.00	0.00	0.00	8.22	2.1	329.7	0.00	0.00	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	21-Dec-12 11:00:00	0.23	10.35	18.92	83.84	89.39
21-Dec-12 12:00:00	21-Dec-12 13:00:00	0.00	0.00	0.00	0.00	7.92	2.1	329.7	0.00	0.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	21-Dec-12 12:00:00	0.23	10.35	18.92	83.84	89.29
21-Dec-12 13:00:00	21-Dec-12 14:00:00	0.00	0.00	0.00	0.00	7.63	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	21-Dec-12 13:00:00	0.23	10.35	18.92	83.84	89.19
21-Dec-12 14:00:00	21-Dec-12 15:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	21-Dec-12 14:00:00	0.23	10.35	18.92	83.84	89.15
21-Dec-12 15:00:00	21-Dec-12 16:00:00	0.00	0.00	0.00	0.00	7.51	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	21-Dec-12 15:00:00	0.23	10.35	18.92	83.84	89.16
21-Dec-12 16:00:00	21-Dec-12 17:00:00	0.00	0.00	0.00	0.00	7.52	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	21-Dec-12 16:00:00	0.23	10.35	18.92	83.84	89.16
21-Dec-12 17:00:00	21-Dec-12 18:00:00	0.00	0.00	0.00	0.00	7.54	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92								

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
23-Dec-12 00:00:00	23-Dec-12 01:00:00	1.17	0.00	0.00	0.00	7.72	2.1	329.7	0.39	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	23-Dec-12 00:00:00	0.62	10.35	18.92	83.84	89.23
23-Dec-12 01:00:00	23-Dec-12 02:00:00	0.89	0.00	0.00	0.00	8.01	2.1	329.7	0.29	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	23-Dec-12 01:00:00	0.52	10.35	18.92	83.84	89.32
23-Dec-12 02:00:00	23-Dec-12 03:00:00	1.30	0.00	0.00	0.00	8.09	2.1	329.7	0.43	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	23-Dec-12 02:00:00	0.66	10.35	18.92	83.84	89.35
23-Dec-12 03:00:00	23-Dec-12 04:00:00	2.30	0.00	0.00	0.00	8.17	2.1	329.7	0.76	0.00	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	23-Dec-12 03:00:00	0.99	10.35	18.92	83.84	89.37
23-Dec-12 04:00:00	23-Dec-12 05:00:00	0.73	0.00	0.00	0.00	8.25	2.1	329.7	0.24	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	23-Dec-12 04:00:00	0.47	10.35	18.92	83.84	89.40
23-Dec-12 05:00:00	23-Dec-12 06:00:00	1.09	0.00	0.00	0.00	8.33	2.1	329.7	0.36	0.00	0.00	0.00	2.75	0.23	10.35	18.92	83.84	86.68	23-Dec-12 05:00:00	0.59	10.35	18.92	83.84	89.43
23-Dec-12 06:00:00	23-Dec-12 07:00:00	2.06	0.00	0.00	0.00	8.28	2.1	329.7	0.68	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	23-Dec-12 06:00:00	0.91	10.35	18.92	83.84	89.41
23-Dec-12 07:00:00	23-Dec-12 08:00:00	2.30	0.00	0.00	0.00	8.24	2.1	329.7	0.76	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	23-Dec-12 07:00:00	0.99	10.35	18.92	83.84	89.40
23-Dec-12 08:00:00	23-Dec-12 09:00:00	2.17	0.00	0.00	0.00	8.19	2.1	329.7	0.72	0.00	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	23-Dec-12 08:00:00	0.95	10.35	18.92	83.84	89.38
23-Dec-12 09:00:00	23-Dec-12 10:00:00	1.67	0.00	0.00	0.00	8.15	2.1	329.7	0.55	0.00	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	23-Dec-12 09:00:00	0.78	10.35	18.92	83.84	89.37
23-Dec-12 10:00:00	23-Dec-12 11:00:00	1.16	0.00	0.00	0.00	7.75	2.1	329.7	0.38	0.00	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	23-Dec-12 10:00:00	0.61	10.35	18.92	83.84	89.24
23-Dec-12 11:00:00	23-Dec-12 12:00:00	0.39	0.00	0.00	0.00	7.22	2.1	329.7	0.13	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	23-Dec-12 11:00:00	0.36	10.35	18.92	83.84	89.06
23-Dec-12 12:00:00	23-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.69	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	23-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.89
23-Dec-12 13:00:00	23-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	23-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.71
23-Dec-12 14:00:00	23-Dec-12 15:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	23-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.60
23-Dec-12 15:00:00	23-Dec-12 16:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	23-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.61
23-Dec-12 16:00:00	23-Dec-12 17:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	23-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.61
23-Dec-12 17:00:00	23-Dec-12 18:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	23-Dec-12 17:00:00	0.23	10.35	18.92	83.84	88.62
23-Dec-12 18:00:00	23-Dec-12 19:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	23-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.72
23-Dec-12 19:00:00	23-Dec-12 20:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	23-Dec-12 19:00:00	0.23	10.35	18.92	83.84	88.77
23-Dec-12 20:00:00	23-Dec-12 21:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	23-Dec-12 20:00:00	0.23	10.35	18.92	83.84	88.82
23-Dec-12 21:00:00	23-Dec-12 22:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	23-Dec-12 21:00:00	0.23	10.35	18.92	83.84	88.86
23-Dec-12 22:00:00	23-Dec-12 23:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	23-Dec-12 22:00:00	0.23	10.35	18.92	83.84	88.84
23-Dec-12 23:00:00	24-Dec-12 00:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	23-Dec-12 23:00:00	0.23	10.35	18.92	83.84	88.87
24-Dec-12 00:00:00	24-Dec-12 01:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	24-Dec-12 00:00:00	0.23	10.35	18.92	83.84	88.90
24-Dec-12 01:00:00	24-Dec-12 02:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	24-Dec-12 01:00:00	0.23	10.35	18.92	83.84	88.94
24-Dec-12 02:00:00	24-Dec-12 03:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	24-Dec-12 02:00:00	0.23	10.35	18.92	83.84	88.96
24-Dec-12 03:00:00	24-Dec-12 04:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	24-Dec-12 03:00:00	0.23	10.35	18.92	83.84	88.97
24-Dec-12 04:00:00	24-Dec-12 05:00:00	0.00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	24-Dec-12 04:00:00	0.23	10.35	18.92	83.84	88.97
24-Dec-12 05:00:00	24-Dec-12 06:00:00	0.00	0.00	0.00	0.00	6.98	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	24-Dec-12 05:00:00	0.23	10.35	18.92	83.84	88.98
24-Dec-12 06:00:00	24-Dec-12 07:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	24-Dec-12 06:00:00	0.23	10.35	18.92	83.84	88.97
24-Dec-12 07:00:00	24-Dec-12 08:00:00	0.60	0.00	0.00	0.00	6.92	2.1	329.7	0.20	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	24-Dec-12 07:00:00	0.43	10.35	18.92	83.84	88.96
24-Dec-12 08:00:00	24-Dec-12 09:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	24-Dec-12 08:00:00	0.23	10.35	18.92	83.84	88.96
24-Dec-12 09:00:00	24-Dec-12 10:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	24-Dec-12 09:00:00	0.23	10.35	18.92	83.84	88.95
24-Dec-12 10:00:00	24-Dec-12 11:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	24-Dec-12 10:00:00	0.23	10.35	18.92	83.84	88.94
24-Dec-12 11:00:00	24-Dec-12 12:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	24-Dec-12 11:00:00	0.23	10.35	18.92	83.84	88.95
24-Dec-12 12:00:00	24-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	24-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.97
24-Dec-12 13:00:00	24-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	24-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.98
24-Dec-12 14:00:00	24-Dec-12 15:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	24-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.99
24-Dec-12 15:00:00	24-Dec-12 16:00:00	0.18	0.00	0.00	0.00	6.98	2.1	329.7	0.06	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	24-Dec-12 15:00:00	0.29	10.35	18.92	83.84	88.98
24-Dec-12 16:00:00	24-Dec-12 17:00:00	0.00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	24-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.98
24-Dec-12 17:00:00	24-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84							

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)							
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2	
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
26-Dec-12 00:00:00	26-Dec-12 01:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	26-Dec-12 00:00:00	0.23	10.35	18.92	83.84	89.05	
26-Dec-12 01:00:00	26-Dec-12 02:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	26-Dec-12 01:00:00	0.23	10.35	18.92	83.84	89.06	
26-Dec-12 02:00:00	26-Dec-12 03:00:00	0.80	0.00	0.00	0.00	7.23	2.1	329.7	0.26	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	26-Dec-12 02:00:00	0.49	10.35	18.92	83.84	89.06	
26-Dec-12 03:00:00	26-Dec-12 04:00:00	0.38	0.00	0.00	0.00	7.23	2.1	329.7	0.13	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	26-Dec-12 03:00:00	0.36	10.35	18.92	83.84	89.06	
26-Dec-12 04:00:00	26-Dec-12 05:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	26-Dec-12 04:00:00	0.23	10.35	18.92	83.84	89.13	
26-Dec-12 05:00:00	26-Dec-12 06:00:00	0.00	0.00	0.00	0.00	7.65	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	26-Dec-12 05:00:00	0.23	10.35	18.92	83.84	89.20	
26-Dec-12 06:00:00	26-Dec-12 07:00:00	0.00	0.00	0.00	0.00	7.84	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	26-Dec-12 06:00:00	0.23	10.35	18.92	83.84	89.27	
26-Dec-12 07:00:00	26-Dec-12 08:00:00	0.80	0.00	0.00	0.00	7.74	2.1	329.7	0.26	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	26-Dec-12 07:00:00	0.49	10.35	18.92	83.84	89.23	
26-Dec-12 08:00:00	26-Dec-12 09:00:00	1.36	0.00	0.00	0.00	7.64	2.1	329.7	0.45	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	26-Dec-12 08:00:00	0.68	10.35	18.92	83.84	89.20	
26-Dec-12 09:00:00	26-Dec-12 10:00:00	0.00	0.00	0.00	0.00	7.53	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	26-Dec-12 09:00:00	0.23	10.35	18.92	83.84	89.16	
26-Dec-12 10:00:00	26-Dec-12 11:00:00	0.00	0.00	0.00	0.00	7.41	2.1	329.7	0.00	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	26-Dec-12 10:00:00	0.23	10.35	18.92	83.84	89.12	
26-Dec-12 11:00:00	26-Dec-12 12:00:00	0.00	0.00	0.00	0.00	7.15	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	26-Dec-12 11:00:00	0.23	10.35	18.92	83.84	89.04	
26-Dec-12 12:00:00	26-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	26-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.97	
26-Dec-12 13:00:00	26-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	26-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.90	
26-Dec-12 14:00:00	26-Dec-12 15:00:00	0.00	0.00	0.00	0.00	6.53	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	26-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.83	
26-Dec-12 15:00:00	26-Dec-12 16:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	26-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.87	
26-Dec-12 16:00:00	26-Dec-12 17:00:00	0.00	0.00	0.00	0.00	7.06	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	26-Dec-12 16:00:00	0.23	10.35	18.92	83.84	89.01	
26-Dec-12 17:00:00	26-Dec-12 18:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	26-Dec-12 17:00:00	0.23	10.35	18.92	83.84	89.15	
26-Dec-12 18:00:00	26-Dec-12 19:00:00	0.00	0.00	0.00	0.00	7.88	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	26-Dec-12 18:00:00	0.23	10.35	18.92	83.84	89.28	
26-Dec-12 19:00:00	26-Dec-12 20:00:00	0.00	0.00	0.00	0.00	7.95	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	26-Dec-12 19:00:00	0.23	10.35	18.92	83.84	89.30	
26-Dec-12 20:00:00	26-Dec-12 21:00:00	0.00	0.00	0.00	0.00	7.98	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	26-Dec-12 20:00:00	0.23	10.35	18.92	83.84	89.31	
26-Dec-12 21:00:00	26-Dec-12 22:00:00	0.00	0.00	0.00	0.00	8.01	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	26-Dec-12 21:00:00	0.23	10.35	18.92	83.84	89.32	
26-Dec-12 22:00:00	26-Dec-12 23:00:00	0.00	0.00	0.00	0.00	8.05	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	26-Dec-12 22:00:00	0.23	10.35	18.92	83.84	89.33	
26-Dec-12 23:00:00	27-Dec-12 00:00:00	0.00	0.00	0.00	0.00	8.16	2.1	329.7	0.00	0.00	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	26-Dec-12 23:00:00	0.23	10.35	18.92	83.84	89.37	
27-Dec-12 00:00:00	27-Dec-12 01:00:00	0.00	0.00	0.00	0.00	8.29	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	27-Dec-12 00:00:00	0.23	10.35	18.92	83.84	89.41	
27-Dec-12 01:00:00	27-Dec-12 02:00:00	0.00	0.00	0.00	0.00	8.42	2.1	329.7	0.00	0.00	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	27-Dec-12 01:00:00	0.23	10.35	18.92	83.84	89.46	
27-Dec-12 02:00:00	27-Dec-12 03:00:00	0.00	0.00	0.00	0.00	8.55	2.1	329.7	0.00	0.00	0.00	0.00	2.82	0.23	10.35	18.92	83.84	86.68	27-Dec-12 02:00:00	0.23	10.35	18.92	83.84	89.50	
27-Dec-12 03:00:00	27-Dec-12 04:00:00	0.00	0.00	0.00	0.00	8.63	2.1	329.7	0.00	0.00	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	27-Dec-12 03:00:00	0.23	10.35	18.92	83.84	89.52	
27-Dec-12 04:00:00	27-Dec-12 05:00:00	0.00	0.00	0.00	0.00	8.67	2.1	329.7	0.00	0.00	0.00	0.00	2.86	0.23	10.35	18.92	83.84	86.68	27-Dec-12 04:00:00	0.23	10.35	18.92	83.84	89.54	
27-Dec-12 05:00:00	27-Dec-12 06:00:00	0.00	0.00	0.00	0.00	8.71	2.1	329.7	0.00	0.00	0.00	0.00	2.87	0.23	10.35	18.92	83.84	86.68	27-Dec-12 05:00:00	0.23	10.35	18.92	83.84	89.55	
27-Dec-12 06:00:00	27-Dec-12 07:00:00	0.00	0.00	0.00	0.00	8.73	2.1	329.7	0.00	0.00	0.00	0.00	2.88	0.23	10.35	18.92	83.84	86.68	27-Dec-12 06:00:00	0.23	10.35	18.92	83.84	89.56	
27-Dec-12 07:00:00	27-Dec-12 08:00:00	0.00	0.00	0.00	0.00	9.21	2.1	329.7	0.00	0.00	0.00	0.00	3.04	0.23	10.35	18.92	83.84	86.68	27-Dec-12 07:00:00	0.23	10.35	18.92	86.88	89.52	
27-Dec-12 08:00:00	27-Dec-12 09:00:00	0.00	0.00	0.00	0.00	289.23	634.52	2.1	329.7	0.00	0.00	0.00	95.36	209.20	0.23	10.35	18.92	83.84	86.68	27-Dec-12 08:00:00	0.23	10.35	18.92	179.20	295.88
27-Dec-12 09:00:00	27-Dec-12 10:00:00	0.00	0.00	0.00	1.38	1,681.31	2.1	329.7	0.00	0.00	0.00	0.00	4.45	554.33	0.23	10.35	18.92	83.84	86.68	27-Dec-12 09:00:00	0.23	10.35	18.92	84.29	641.01
27-Dec-12 10:00:00	27-Dec-12 11:00:00	0.46	0.00	0.00	0.00	1,683.94	2.1	329.7	0.15	0.00	0.00	0.00	552.04	0.23	10.35	18.92	83.84	86.68	27-Dec-12 10:00:00	0.38	10.35	18.92	83.84	641.88	
27-Dec-12 11:00:00	27-Dec-12 12:00:00	0.00	0.00	0.00	0.00	1,669.98	2.1	329.7	0.00	0.00	0.00	0.00	550.59	0.23	10.35	18.92	83.84	86.68	27-Dec-12 11:00:00	0.23	10.35	18.92	83.84	637.27	
27-Dec-12 12:00:00	27-Dec-12 13:00:00	0.00	0.00	0.00	0.00	1,674.38	2.1	329.7	0.00	0.00	0.00	0.00	552.04	0.23	10.35	18.92	83.84	86.68	27-Dec-12 12:00:00	0.23	10.35	18.92	83.84	638.72	
27-Dec-12 13:00:00	27-Dec-12 14:00:00	0.00	0.00	0.00	0.00	1,732.64	2.1	329.7	0.00	0.00	0.00	0.00	571.25	0.23	10.35	18.92	83.84	86.68	27-Dec-12 13:00:00	0.23	10.35	18.92	83.84	657.93	
27-Dec-12 14:00:00	27-Dec-12 15:00:00	0.00	0.00	0.00	0.00	851.44	2.1	329.7	0.00	0.00	0.00	0.00	280.72	0.23	10.35	18.92	83.84	86.68	27-Dec-12 14:00:00	0.23	10.35	18.92	83.84	367.40	
27-Dec-12 15:00:00	27-Dec-12 16:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	27-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.76	
27-Dec-12 16:00:00	27-Dec-12 17:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	27-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.82	
27-Dec-12 17:00:00	27-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00</															

2012 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

Start Time	End Time	ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)						MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
		RB1 / Swing / Power Boiler		RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC1	FUTC2
		gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
29-Dec-12 00:00:00	29-Dec-12 01:00:00	0.00	0.00	0.00	0.00	7.53	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	29-Dec-12 00:00:00	0.23	10.35	18.92	83.84	89.16
29-Dec-12 01:00:00	29-Dec-12 02:00:00	0.00	0.00	0.00	0.00	7.56	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	29-Dec-12 01:00:00	0.23	10.35	18.92	83.84	89.17
29-Dec-12 02:00:00	29-Dec-12 03:00:00	0.00	0.00	0.00	0.00	7.57	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	29-Dec-12 02:00:00	0.23	10.35	18.92	83.84	89.17
29-Dec-12 03:00:00	29-Dec-12 04:00:00	0.00	0.00	0.00	0.00	7.55	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	29-Dec-12 03:00:00	0.23	10.35	18.92	83.84	89.17
29-Dec-12 04:00:00	29-Dec-12 05:00:00	0.32	0.00	0.00	0.00	7.58	2.1	329.7	0.11	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	29-Dec-12 04:00:00	0.34	10.35	18.92	83.84	89.18
29-Dec-12 05:00:00	29-Dec-12 06:00:00	0.55	0.00	0.00	0.00	7.61	2.1	329.7	0.18	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	29-Dec-12 05:00:00	0.41	10.35	18.92	83.84	89.19
29-Dec-12 06:00:00	29-Dec-12 07:00:00	0.00	0.00	0.00	0.00	7.61	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	29-Dec-12 06:00:00	0.23	10.35	18.92	83.84	89.19
29-Dec-12 07:00:00	29-Dec-12 08:00:00	0.00	0.00	0.00	0.00	7.52	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	29-Dec-12 07:00:00	0.23	10.35	18.92	83.84	89.16
29-Dec-12 08:00:00	29-Dec-12 09:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	29-Dec-12 08:00:00	0.23	10.35	18.92	83.84	89.14
29-Dec-12 09:00:00	29-Dec-12 10:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	29-Dec-12 09:00:00	0.23	10.35	18.92	83.84	89.11
29-Dec-12 10:00:00	29-Dec-12 11:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	29-Dec-12 10:00:00	0.23	10.35	18.92	83.84	89.06
29-Dec-12 11:00:00	29-Dec-12 12:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	29-Dec-12 11:00:00	0.23	10.35	18.92	83.84	89.00
29-Dec-12 12:00:00	29-Dec-12 13:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	29-Dec-12 12:00:00	0.23	10.35	18.92	83.84	88.98
29-Dec-12 13:00:00	29-Dec-12 14:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	29-Dec-12 13:00:00	0.23	10.35	18.92	83.84	88.97
29-Dec-12 14:00:00	29-Dec-12 15:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	29-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.96
29-Dec-12 15:00:00	29-Dec-12 16:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	29-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.96
29-Dec-12 16:00:00	29-Dec-12 17:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	29-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.95
29-Dec-12 17:00:00	29-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.83	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	29-Dec-12 17:00:00	0.23	10.35	18.92	83.84	88.93
29-Dec-12 18:00:00	29-Dec-12 19:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	29-Dec-12 18:00:00	0.23	10.35	18.92	83.84	88.93
29-Dec-12 19:00:00	29-Dec-12 20:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	29-Dec-12 19:00:00	0.23	10.35	18.92	83.84	88.98
29-Dec-12 20:00:00	29-Dec-12 21:00:00	0.00	0.00	0.00	0.00	7.14	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	29-Dec-12 20:00:00	0.23	10.35	18.92	83.84	89.03
29-Dec-12 21:00:00	29-Dec-12 22:00:00	0.00	0.00	0.00	0.00	7.31	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	29-Dec-12 21:00:00	0.23	10.35	18.92	83.84	89.09
29-Dec-12 22:00:00	29-Dec-12 23:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	29-Dec-12 22:00:00	0.23	10.35	18.92	83.84	89.13
29-Dec-12 23:00:00	30-Dec-12 00:00:00	0.00	0.00	0.00	0.00	7.54	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	29-Dec-12 23:00:00	0.23	10.35	18.92	83.84	89.17
30-Dec-12 00:00:00	30-Dec-12 01:00:00	0.00	0.00	0.00	0.00	7.70	2.1	329.7	0.00	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	30-Dec-12 00:00:00	0.23	10.35	18.92	83.84	89.22
30-Dec-12 01:00:00	30-Dec-12 02:00:00	0.00	0.00	0.00	0.00	7.85	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	30-Dec-12 01:00:00	0.23	10.35	18.92	83.84	89.27
30-Dec-12 02:00:00	30-Dec-12 03:00:00	0.00	0.00	0.00	0.00	7.99	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	30-Dec-12 02:00:00	0.23	10.35	18.92	83.84	89.31
30-Dec-12 03:00:00	30-Dec-12 04:00:00	0.00	0.00	0.00	0.00	8.12	2.1	329.7	0.00	0.00	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	30-Dec-12 03:00:00	0.23	10.35	18.92	83.84	89.36
30-Dec-12 04:00:00	30-Dec-12 05:00:00	0.00	0.00	0.00	0.00	8.26	2.1	329.7	0.00	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	30-Dec-12 04:00:00	0.23	10.35	18.92	83.84	89.40
30-Dec-12 05:00:00	30-Dec-12 06:00:00	0.00	0.00	0.00	0.00	8.40	2.1	329.7	0.00	0.00	0.00	0.00	2.77	0.23	10.35	18.92	83.84	86.68	30-Dec-12 05:00:00	0.23	10.35	18.92	83.84	89.45
30-Dec-12 06:00:00	30-Dec-12 07:00:00	0.00	0.00	0.00	0.00	8.53	2.1	329.7	0.00	0.00	0.00	0.00	2.81	0.23	10.35	18.92	83.84	86.68	30-Dec-12 06:00:00	0.23	10.35	18.92	83.84	89.49
30-Dec-12 07:00:00	30-Dec-12 08:00:00	0.00	0.00	0.00	0.00	8.37	2.1	329.7	0.00	0.00	0.00	0.00	2.76	0.23	10.35	18.92	83.84	86.68	30-Dec-12 07:00:00	0.23	10.35	18.92	83.84	89.44
30-Dec-12 08:00:00	30-Dec-12 09:00:00	0.00	0.00	0.00	0.00	8.08	2.1	329.7	0.00	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	30-Dec-12 08:00:00	0.23	10.35	18.92	83.84	89.35
30-Dec-12 09:00:00	30-Dec-12 10:00:00	0.00	0.00	0.00	0.00	7.80	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	30-Dec-12 09:00:00	0.23	10.35	18.92	83.84	89.25
30-Dec-12 10:00:00	30-Dec-12 11:00:00	0.05	0.00	0.00	0.00	7.57	2.1	329.7	0.02	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	30-Dec-12 10:00:00	0.25	10.35	18.92	83.84	89.18
30-Dec-12 11:00:00	30-Dec-12 12:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	30-Dec-12 11:00:00	0.23	10.35	18.92	83.84	89.13
30-Dec-12 12:00:00	30-Dec-12 13:00:00	0.00	0.00	0.00	0.00	7.27	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	30-Dec-12 12:00:00	0.23	10.35	18.92	83.84	89.08
30-Dec-12 13:00:00	30-Dec-12 14:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	30-Dec-12 13:00:00	0.23	10.35	18.92	83.84	89.02
30-Dec-12 14:00:00	30-Dec-12 15:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	30-Dec-12 14:00:00	0.23	10.35	18.92	83.84	88.95
30-Dec-12 15:00:00	30-Dec-12 16:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	30-Dec-12 15:00:00	0.23	10.35	18.92	83.84	88.93
30-Dec-12 16:00:00	30-Dec-12 17:00:00	0.00	0.00	0.00	0.00	6.84	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	30-Dec-12 16:00:00	0.23	10.35	18.92	83.84	88.93
30-Dec-12 17:00:00	30-Dec-12 18:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84							

APPENDIX D

Resolute Catawba 2013 Hourly Emission Calculations

2013 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)					MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)						
Start Time	End Time	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	Maximum Sulfur Content	AP-42 Emission Factor	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	RB1 / Swing / Power Boiler	RB2	RB3	CB1	CB2	FUTS8	FUTRF2	FUTRF3	FUTCB1	FUTCB2
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	lb/hr	lb/hr	lb/hr	lb/hr
Start Time	End Time	gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
01-Jan-13 00:00:00	01-Jan-13 01:00:00	0.00	0.00	0.00	0.00	6.77	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.91
01-Jan-13 01:00:00	01-Jan-13 02:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.90
01-Jan-13 02:00:00	01-Jan-13 03:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.90
01-Jan-13 03:00:00	01-Jan-13 04:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.90
01-Jan-13 04:00:00	01-Jan-13 05:00:00	0.00	0.00	0.00	0.00	6.69	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.89
01-Jan-13 05:00:00	01-Jan-13 06:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.87
01-Jan-13 06:00:00	01-Jan-13 07:00:00	0.00	0.00	0.00	0.00	6.66	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.88
01-Jan-13 07:00:00	01-Jan-13 08:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.93
01-Jan-13 08:00:00	01-Jan-13 09:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.95
01-Jan-13 09:00:00	01-Jan-13 10:00:00	0.00	0.00	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.97
01-Jan-13 10:00:00	01-Jan-13 11:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.96
01-Jan-13 11:00:00	01-Jan-13 12:00:00	0.00	0.00	0.00	0.00	6.77	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.91
01-Jan-13 12:00:00	01-Jan-13 13:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.90
01-Jan-13 13:00:00	01-Jan-13 14:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.90
01-Jan-13 14:00:00	01-Jan-13 15:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.87
01-Jan-13 15:00:00	01-Jan-13 16:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.83
01-Jan-13 16:00:00	01-Jan-13 17:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.84
01-Jan-13 17:00:00	01-Jan-13 18:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.84
01-Jan-13 18:00:00	01-Jan-13 19:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.84
01-Jan-13 19:00:00	01-Jan-13 20:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.84
01-Jan-13 20:00:00	01-Jan-13 21:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.82
01-Jan-13 21:00:00	01-Jan-13 22:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.80
01-Jan-13 22:00:00	01-Jan-13 23:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.79
01-Jan-13 23:00:00	02-Jan-13 00:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.84
02-Jan-13 00:00:00	02-Jan-13 01:00:00	0.00	0.00	0.00	0.00	6.66	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.90
02-Jan-13 01:00:00	02-Jan-13 02:00:00	0.00	0.00	0.00	0.00	6.79	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.92
02-Jan-13 02:00:00	02-Jan-13 03:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.95
02-Jan-13 03:00:00	02-Jan-13 04:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.94
02-Jan-13 04:00:00	02-Jan-13 05:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.94
02-Jan-13 05:00:00	02-Jan-13 06:00:00	0.00	0.00	0.00	0.00	6.85	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.94
02-Jan-13 06:00:00	02-Jan-13 07:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.94
02-Jan-13 07:00:00	02-Jan-13 08:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.95
02-Jan-13 08:00:00	02-Jan-13 09:00:00	0.00	0.00	7.88	0.00	6.87	2.1	329.7	0.00	0.00	2.60	0.00	2.26	0.23	10.35	18.92	83.84	86.68	0.23	10.35	21.52	83.84	88.94
02-Jan-13 09:00:00	02-Jan-13 10:00:00	0.00	0.00	10.21	0.00	6.85	2.1	329.7	0.00	0.00	3.37	0.00	2.26	0.23	10.35	18.92	83.84	86.68	0.23	10.35	22.29	83.84	88.94
02-Jan-13 10:00:00	02-Jan-13 11:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.94
02-Jan-13 11:00:00	02-Jan-13 12:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	88.98
02-Jan-13 12:00:00	02-Jan-13 13:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.00
02-Jan-13 13:00:00	02-Jan-13 14:00:00	0.00	0.00	0.00	0.00	7.12	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.03
02-Jan-13 14:00:00	02-Jan-13 15:00:00	0.00	0.00	0.00	0.00	7.12	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.03
02-Jan-13 15:00:00	02-Jan-13 16:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.02
02-Jan-13 16:00:00	02-Jan-13 17:00:00	0.00	0.00	0.00	0.00	7.21	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.06
02-Jan-13 17:00:00	02-Jan-13 18:00:00	0.00	0.00	0.00	0.00	7.32	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.09
02-Jan-13 18:00:00	02-Jan-13 19:00:00	0.00	0.00	0.00	0.00	7.42	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.13
02-Jan-13 19:00:00	02-Jan-13 20:00:00	0.00	0.00	0.00	0.00	7.44	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.13
02-Jan-13 20:00:00	02-Jan-13 21:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	0.23	10.35	18.92	83.84	89.14

04-Jan-13 05:00:00	04-Jan-13 06:00:00	1.68	0.00	1,548.77	0.00	8.49	2.1	329.7	0.55	0.00	510.63	0.00	2.80	0.23	10.35	18.92	83.84	86.68	04-Jan-13 05:00:00	0.78	10.35	529.55	83.84	89.48
04-Jan-13 06:00:00	04-Jan-13 07:00:00	2.03	0.00	1,551.01	0.00	8.49	2.1	329.7	0.67	0.00	511.37	0.00	2.80	0.23	10.35	18.92	83.84	86.68	04-Jan-13 06:00:00	0.90	10.35	530.29	83.84	89.48
04-Jan-13 07:00:00	04-Jan-13 08:00:00	2.60	0.00	1,548.77	34.89	97.80	2.1	329.7	0.86	0.00	510.63	11.50	32.25	0.23	10.35	18.92	83.84	86.68	04-Jan-13 07:00:00	1.09	10.35	529.55	95.34	118.93
04-Jan-13 08:00:00	04-Jan-13 09:00:00	2.06	0.00	1,549.33	280.46	408.36	2.1	329.7	0.68	0.00	510.81	92.47	134.64	0.23	10.35	18.92	83.84	86.68	04-Jan-13 08:00:00	0.91	10.35	529.73	176.31	221.32
04-Jan-13 09:00:00	04-Jan-13 10:00:00	1.16	0.00	1,560.51	276.50	351.53	2.1	329.7	0.37	0.00	514.50	91.16	115.90	0.23	10.35	18.92	83.84	86.68	04-Jan-13 09:00:00	0.60	10.35	533.42	175.00	202.58
04-Jan-13 10:00:00	04-Jan-13 11:00:00	0.00	0.00	1,572.31	120.33	269.89	2.1	329.7	0.00	0.00	518.39	39.67	89.98	0.23	10.35	18.92	83.84	86.68	04-Jan-13 10:00:00	0.23	10.35	537.31	123.51	175.66
04-Jan-13 11:00:00	04-Jan-13 12:00:00	0.00	0.00	1,584.15	0.00	6.90	2.1	329.7	0.00	0.00	522.30	0.00	2.30	0.23	10.35	18.92	83.84	86.68	04-Jan-13 11:00:00	0.23	10.35	541.22	83.84	89.98
04-Jan-13 12:00:00	04-Jan-13 13:00:00	0.00	0.00	1,582.27	0.00	6.90	2.1	329.7	0.00	0.00	521.67	0.00	2.27	0.23	10.35	18.92	83.84	86.68	04-Jan-13 12:00:00	0.23	10.35	540.59	83.84	89.98
04-Jan-13 13:00:00	04-Jan-13 14:00:00	0.00	0.00	1,578.33	0.00	6.82	2.1	329.7	0.00	0.00	520.38	0.00	2.25	0.23	10.35	18.92	83.84	86.68	04-Jan-13 13:00:00	0.23	10.35	539.30	83.84	89.93
04-Jan-13 14:00:00	04-Jan-13 15:00:00	0.00	0.00	1,590.71	0.00	6.74	2.1	329.7	0.00	0.00	524.46	0.00	2.22	0.23	10.35	18.92	83.84	86.68	04-Jan-13 14:00:00	0.23	10.35	543.38	83.84	89.90
04-Jan-13 15:00:00	04-Jan-13 16:00:00	0.00	0.00	1,599.19	0.00	6.70	2.1	329.7	0.00	0.00	527.25	0.00	2.21	0.23	10.35	18.92	83.84	86.68	04-Jan-13 15:00:00	0.23	10.35	546.17	83.84	88.89
04-Jan-13 16:00:00	04-Jan-13 17:00:00	0.00	0.00	1,603.15	0.00	6.68	2.1	329.7	0.00	0.00	528.56	0.00	2.20	0.23	10.35	18.92	83.84	86.68	04-Jan-13 16:00:00	0.23	10.35	547.48	83.84	88.88
04-Jan-13 17:00:00	04-Jan-13 18:00:00	178.06	0.00	1,576.53	0.00	6.67	2.1	329.7	58.71	0.00	519.78	0.00	2.20	0.23	10.35	18.92	83.84	86.68	04-Jan-13 17:00:00	58.94	10.35	538.70	83.84	88.88
04-Jan-13 18:00:00	04-Jan-13 19:00:00	1,304.78	0.00	1,606.05	0.00	6.66	2.1	329.7	430.18	0.00	529.52	0.00	2.20	0.23	10.35	18.92	83.84	86.68	04-Jan-13 18:00:00	430.41	10.35	548.44	83.84	88.88
04-Jan-13 19:00:00	04-Jan-13 20:00:00	1,344.56	0.00	1,595.84	0.00	6.79	2.1	329.7	443.30	0.00	526.15	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Jan-13 19:00:00	443.53	10.35	545.07	83.84	88.92
04-Jan-13 20:00:00	04-Jan-13 21:00:00	1,306.95	0.00	624.73	0.00	6.97	2.1	329.7	430.90	0.00	205.97	0.00	2.30	0.23	10.35	18.92	83.84	86.68	04-Jan-13 20:00:00	431.13	10.35	224.89	83.84	88.98
04-Jan-13 21:00:00	04-Jan-13 22:00:00	1,021.57	0.00	0.00	0.00	7.14	2.1	329.7	336.81	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	04-Jan-13 21:00:00	337.04	10.35	18.92	83.84	89.03
04-Jan-13 22:00:00	04-Jan-13 23:00:00	21.49	0.00	0.00	0.00	7.52	2.1	329.7	7.08	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	04-Jan-13 22:00:00	7.31	10.35	18.92	83.84	89.09
04-Jan-13 23:00:00	05-Jan-13 00:00:00	0.00	0.00	0.00	0.00	7.53	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	04-Jan-13 23:00:00	0.23	10.35	18.92	83.84	89.16
05-Jan-13 00:00:00	05-Jan-13 01:00:00	0.00	0.00	0.00	0.00	7.69	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	05-Jan-13 00:00:00	0.23	10.35	18.92	83.84	89.21
05-Jan-13 01:00:00	05-Jan-13 02:00:00	1.34	0.00	0.00	0.00	7.85	2.1	329.7	0.44	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	05-Jan-13 01:00:00	0.67	10.35	18.92	83.84	89.27
05-Jan-13 02:00:00	05-Jan-13 03:00:00	0.00	0.00	0.00	0.00	8.02	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	05-Jan-13 02:00:00	0.23	10.35	18.92	83.84	89.32
05-Jan-13 03:00:00	05-Jan-13 04:00:00	2.65	0.00	0.00	0.00	8.20	2.1	329.7	0.87	0.00	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	05-Jan-13 03:00:00	1.10	10.35	18.92	83.84	89.38
05-Jan-13 04:00:00	05-Jan-13 05:00:00	2.41	0.00	0.00	0.00	8.32	2.1	329.7	0.80	0.00	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	05-Jan-13 04:00:00	1.03	10.35	18.92	83.84	89.42
05-Jan-13 05:00:00	05-Jan-13 06:00:00	2.50	0.00	0.00	0.00	8.45	2.1	329.7	0.82	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	05-Jan-13 05:00:00	1.05	10.35	18.92	83.84	89.47
05-Jan-13 06:00:00	05-Jan-13 07:00:00	2.58	0.00	0.00	0.00	8.58	2.1	329.7	0.85	0.00	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	05-Jan-13 06:00:00	1.08	10.35	18.92	83.84	89.51
05-Jan-13 07:00:00	05-Jan-13 08:00:00	2.62	0.00	0.00	0.00	8.48	2.1	329.7	0.86	0.00	0.00	0.00	2.80	0.23	10.35	18.92	83.84	86.68	05-Jan-13 07:00:00	1.09	10.35	18.92	83.84	89.48
05-Jan-13 08:00:00	05-Jan-13 09:00:00	1.48	0.00	0.00	0.00	8.23	2.1	329.7	0.49	0.00	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	05-Jan-13 08:00:00	0.72	10.35	18.92	83.84	89.39
05-Jan-13 09:00:00	05-Jan-13 10:00:00	0.00	0.00	0.00	0.00	7.99	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	05-Jan-13 09:00:00	0.23	10.35	18.92	83.84	89.31
05-Jan-13 10:00:00	05-Jan-13 11:00:00	0.00	0.00	0.00	0.00	7.78	2.1	329.7	0.00	0.00	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	05-Jan-13 10:00:00	0.23	10.35	18.92	83.84	89.24
05-Jan-13 11:00:00	05-Jan-13 12:00:00	0.00	0.00	0.00	0.00	7.62	2.1	329.7	0.00	0.00	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	05-Jan-13 11:00:00	0.23	10.35	18.92	83.84	89.19
05-Jan-13 12:00:00	05-Jan-13 13:00:00	0.00	0.00	0.00	0.00	7.53	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	05-Jan-13 12:00:00	0.23	10.35	18.92	83.84	89.16
05-Jan-13 13:00:00	05-Jan-13 14:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	05-Jan-13 13:00:00	0.23	10.35	18.92	83.84	89.07
05-Jan-13 14:00:00	05-Jan-13 15:00:00	0.00	0.00	0.00	0.00	6.59	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	05-Jan-13 14:00:00	0.23	10.35	18.92	83.84	88.85
05-Jan-13 15:00:00	05-Jan-13 16:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	05-Jan-13 15:00:00	0.23	10.35	18.92	83.84	88.82
05-Jan-13 16:00:00	05-Jan-13 17:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	05-Jan-13 16:00:00	0.23	10.35	18.92	83.84	88.84
05-Jan-13 17:00:00	05-Jan-13 18:00:00	0.00	0.00	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	05-Jan-13 17:00:00	0.23	10.35	18.92	83.84	88.85
05-Jan-13 18:00:00	05-Jan-13 19:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	05-Jan-13 18:00:00	0.23	10.35	18.92	83.84	88.86
05-Jan-13 19:00:00	05-Jan-13 20:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	05-Jan-13 19:00:00	0.23	10.35	18.92	83.84	88.89
05-Jan-13 20:00:00	05-Jan-13 21:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	05-Jan-13 20:00:00	0.23	10.35	18.92	83.84	88.92
05-Jan-13 21:00:00	05-Jan-13 22:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0															

08-Jan-13 00:00:00	08-Jan-13 01:00:00	0.00	0.00	0.00	0.00	7.96	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	08-Jan-13 00:00:00	0.23	10.35	18.92	83.84	89.30
08-Jan-13 01:00:00	08-Jan-13 02:00:00	1.36	0.00	0.00	0.00	8.00	2.1	329.7	0.45	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	08-Jan-13 01:00:00	0.68	10.35	18.92	83.84	89.32
08-Jan-13 02:00:00	08-Jan-13 03:00:00	0.55	0.00	0.00	0.00	8.04	2.1	329.7	0.18	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	08-Jan-13 02:00:00	0.41	10.35	18.92	83.84	89.33
08-Jan-13 03:00:00	08-Jan-13 04:00:00	0.00	0.00	0.00	0.00	8.03	2.1	329.7	0.00	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	08-Jan-13 03:00:00	0.23	10.35	18.92	83.84	89.33
08-Jan-13 04:00:00	08-Jan-13 05:00:00	0.00	0.00	0.00	0.00	7.95	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	08-Jan-13 04:00:00	0.23	10.35	18.92	83.84	89.30
08-Jan-13 05:00:00	08-Jan-13 06:00:00	0.00	0.00	0.00	0.00	7.87	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	08-Jan-13 05:00:00	0.23	10.35	18.92	83.84	89.28
08-Jan-13 06:00:00	08-Jan-13 07:00:00	0.00	0.00	0.00	0.00	7.99	2.1	329.7	0.00	0.00	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	08-Jan-13 06:00:00	0.23	10.35	18.92	83.84	89.25
08-Jan-13 07:00:00	08-Jan-13 08:00:00	0.00	0.00	0.00	0.00	7.57	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	08-Jan-13 07:00:00	0.23	10.35	18.92	83.84	89.18
08-Jan-13 08:00:00	08-Jan-13 09:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Jan-13 08:00:00	0.23	10.35	18.92	83.84	89.10
08-Jan-13 09:00:00	08-Jan-13 10:00:00	0.00	0.00	0.00	0.00	7.12	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	08-Jan-13 09:00:00	0.23	10.35	18.92	83.84	89.03
08-Jan-13 10:00:00	08-Jan-13 11:00:00	0.00	0.00	0.00	0.00	6.90	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	08-Jan-13 10:00:00	0.23	10.35	18.92	83.84	88.96
08-Jan-13 11:00:00	08-Jan-13 12:00:00	0.00	0.00	0.00	0.00	32.48	2.1	329.7	0.00	0.00	0.00	0.00	10.71	0.23	10.35	18.92	83.84	86.68	08-Jan-13 11:00:00	0.23	10.35	18.92	83.84	89.39
08-Jan-13 12:00:00	08-Jan-13 13:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	08-Jan-13 12:00:00	0.23	10.35	18.92	83.84	88.74
08-Jan-13 13:00:00	08-Jan-13 14:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	08-Jan-13 13:00:00	0.23	10.35	18.92	83.84	88.69
08-Jan-13 14:00:00	08-Jan-13 15:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	08-Jan-13 14:00:00	0.23	10.35	18.92	83.84	88.64
08-Jan-13 15:00:00	08-Jan-13 16:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	08-Jan-13 15:00:00	0.23	10.35	18.92	83.84	88.59
08-Jan-13 16:00:00	08-Jan-13 17:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	08-Jan-13 16:00:00	0.23	10.35	18.92	83.84	88.57
08-Jan-13 17:00:00	08-Jan-13 18:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	08-Jan-13 17:00:00	0.23	10.35	18.92	83.84	88.58
08-Jan-13 18:00:00	08-Jan-13 19:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	08-Jan-13 18:00:00	0.23	10.35	18.92	83.84	88.59
08-Jan-13 19:00:00	08-Jan-13 20:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	08-Jan-13 19:00:00	0.23	10.35	18.92	83.84	88.59
08-Jan-13 20:00:00	08-Jan-13 21:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	08-Jan-13 20:00:00	0.23	10.35	18.92	83.84	88.62
08-Jan-13 21:00:00	08-Jan-13 22:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	08-Jan-13 21:00:00	0.23	10.35	18.92	83.84	88.67
08-Jan-13 22:00:00	08-Jan-13 23:00:00	0.00	0.00	0.00	0.00	6.18	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	08-Jan-13 22:00:00	0.23	10.35	18.92	83.84	88.72
08-Jan-13 23:00:00	09-Jan-13 00:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	08-Jan-13 23:00:00	0.23	10.35	18.92	83.84	88.76
09-Jan-13 00:00:00	09-Jan-13 01:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	09-Jan-13 00:00:00	0.23	10.35	18.92	83.84	88.78
09-Jan-13 01:00:00	09-Jan-13 02:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	09-Jan-13 01:00:00	0.23	10.35	18.92	83.84	88.80
09-Jan-13 02:00:00	09-Jan-13 03:00:00	0.00	0.00	0.00	0.00	6.51	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	09-Jan-13 02:00:00	0.23	10.35	18.92	83.84	88.83
09-Jan-13 03:00:00	09-Jan-13 04:00:00	0.00	0.00	0.00	0.00	6.51	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	09-Jan-13 03:00:00	0.23	10.35	18.92	83.84	88.83
09-Jan-13 04:00:00	09-Jan-13 05:00:00	0.00	0.00	0.00	0.00	6.51	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	09-Jan-13 04:00:00	0.23	10.35	18.92	83.84	88.83
09-Jan-13 05:00:00	09-Jan-13 06:00:00	0.00	0.00	0.00	0.00	6.63	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	09-Jan-13 05:00:00	0.23	10.35	18.92	83.84	88.87
09-Jan-13 06:00:00	09-Jan-13 07:00:00	0.00	0.00	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	09-Jan-13 06:00:00	0.23	10.35	18.92	83.84	88.91
09-Jan-13 07:00:00	09-Jan-13 08:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	09-Jan-13 07:00:00	0.23	10.35	18.92	83.84	88.94
09-Jan-13 08:00:00	09-Jan-13 09:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	09-Jan-13 08:00:00	0.23	10.35	18.92	83.84	88.95
09-Jan-13 09:00:00	09-Jan-13 10:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	09-Jan-13 09:00:00	0.23	10.35	18.92	83.84	88.89
09-Jan-13 10:00:00	09-Jan-13 11:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	09-Jan-13 10:00:00	0.23	10.35	18.92	83.84	88.83
09-Jan-13 11:00:00	09-Jan-13 12:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	09-Jan-13 11:00:00	0.23	10.35	18.92	83.84	88.77
09-Jan-13 12:00:00	09-Jan-13 13:00:00	8.90	0.00	0.00	0.00	6.08	2.1	329.7	2.93	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	09-Jan-13 12:00:00	3.16	10.35	18.92	83.84	88.69
09-Jan-13 13:00:00	09-Jan-13 14:00:00	499.46	0.00	0.00	2.62	5.81	2.1	329.7	164.67	0.00	0.00	0.86	1.91	0.23	10.35	18.92	83.84	86.68	09-Jan-13 13:00:00	164.90	10.35	18.92	83.84	88.59
09-Jan-13 14:00:00	09-Jan-13 15:00:00	560.72	0.00	0.00	0.00	5.53	2.1	329.7	184.87	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	09-Jan-13 14:00:00	185.10	10.35	18.92	83.84	88.50
09-Jan-13 15:00:00	09-Jan-13 16:00:00	507.96	0.00	0.00	0.00	5.25	2.1	329.7	167.47	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	09-Jan-13 15:00:00	167.70	10.35	18.92	83.84	88.41
09-Jan-13 16:00:00	09-Jan-13 17:00:00	313.78	0.00	0.00	0.00	5.23	2.1	329.7	103.45	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	09-Jan-13 16:00:00	103.68	10.35	18.92		

26-Jan-13 23:00:00	27-Jan-13 00:00:00	0.73	0.00	0.00	0.00	7.41	2.1	329.7	0.24	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	26-Jan-13 23:00:00	0.47	10.35	18.92	83.84	89.12
27-Jan-13 00:00:00	27-Jan-13 01:00:00	0.05	0.00	0.00	0.00	7.47	2.1	329.7	0.02	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-Jan-13 00:00:00	0.25	10.35	18.92	83.84	89.14
27-Jan-13 01:00:00	27-Jan-13 02:00:00	0.00	0.00	0.00	0.00	7.52	2.1	329.7	0.00	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	27-Jan-13 01:00:00	0.23	10.35	18.92	83.84	89.16
27-Jan-13 02:00:00	27-Jan-13 03:00:00	0.00	0.00	0.00	0.00	7.46	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-Jan-13 02:00:00	0.23	10.35	18.92	83.84	89.14
27-Jan-13 03:00:00	27-Jan-13 04:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-Jan-13 03:00:00	0.23	10.35	18.92	83.84	89.14
27-Jan-13 04:00:00	27-Jan-13 05:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-Jan-13 04:00:00	0.23	10.35	18.92	83.84	89.14
27-Jan-13 05:00:00	27-Jan-13 06:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-Jan-13 05:00:00	0.23	10.35	18.92	83.84	89.14
27-Jan-13 06:00:00	27-Jan-13 07:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	27-Jan-13 06:00:00	0.23	10.35	18.92	83.84	89.14
27-Jan-13 07:00:00	27-Jan-13 08:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	27-Jan-13 07:00:00	0.23	10.35	18.92	83.84	89.15
27-Jan-13 08:00:00	27-Jan-13 09:00:00	0.00	0.00	13.36	0.00	7.48	2.1	329.7	0.00	0.00	4.41	0.00	2.47	0.23	10.35	18.92	83.84	86.68	27-Jan-13 08:00:00	0.23	10.35	23.33	83.84	89.15
27-Jan-13 09:00:00	27-Jan-13 10:00:00	0.60	0.00	0.00	0.00	7.48	2.1	329.7	0.20	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	27-Jan-13 09:00:00	0.43	10.35	18.92	83.84	89.15
27-Jan-13 10:00:00	27-Jan-13 11:00:00	1.74	0.00	0.00	0.00	7.38	2.1	329.7	0.57	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	27-Jan-13 10:00:00	0.80	10.35	18.92	83.84	89.11
27-Jan-13 11:00:00	27-Jan-13 12:00:00	1.02	0.00	0.00	0.00	7.24	2.1	329.7	0.34	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	27-Jan-13 11:00:00	0.57	10.35	18.92	83.84	89.07
27-Jan-13 12:00:00	27-Jan-13 13:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	27-Jan-13 12:00:00	0.23	10.35	18.92	83.84	89.02
27-Jan-13 13:00:00	27-Jan-13 14:00:00	0.00	0.00	0.00	0.00	6.93	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	27-Jan-13 13:00:00	0.23	10.35	18.92	83.84	88.97
27-Jan-13 14:00:00	27-Jan-13 15:00:00	0.00	0.27	0.00	0.00	6.76	2.1	329.7	0.00	0.09	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	27-Jan-13 14:00:00	0.23	10.44	18.92	83.84	88.91
27-Jan-13 15:00:00	27-Jan-13 16:00:00	0.00	1.21	0.00	0.00	6.68	2.1	329.7	0.00	0.40	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	27-Jan-13 15:00:00	0.23	10.75	18.92	83.84	88.88
27-Jan-13 16:00:00	27-Jan-13 17:00:00	0.18	2.90	0.00	15.44	6.60	2.1	329.7	0.06	0.95	0.00	5.09	2.17	0.23	10.35	18.92	83.84	86.68	27-Jan-13 16:00:00	0.29	11.30	18.92	86.99	88.85
27-Jan-13 17:00:00	27-Jan-13 18:00:00	0.00	185.53	0.00	120.58	6.54	2.1	329.7	0.00	61.17	0.00	39.75	2.16	0.23	10.35	18.92	83.84	86.68	27-Jan-13 17:00:00	0.23	71.52	18.92	123.59	88.84
27-Jan-13 18:00:00	27-Jan-13 19:00:00	0.00	147.30	0.00	0.00	6.73	2.1	329.7	0.00	48.57	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	27-Jan-13 18:00:00	0.23	58.92	18.92	83.84	88.90
27-Jan-13 19:00:00	27-Jan-13 20:00:00	0.00	111.26	0.00	0.00	6.83	2.1	329.7	0.00	36.68	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	27-Jan-13 19:00:00	0.23	47.03	18.92	83.84	88.93
27-Jan-13 20:00:00	27-Jan-13 21:00:00	0.03	125.07	0.00	0.00	6.93	2.1	329.7	0.01	41.24	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-Jan-13 20:00:00	0.24	51.59	18.92	83.84	88.96
27-Jan-13 21:00:00	27-Jan-13 22:00:00	0.55	128.49	0.00	0.00	7.01	2.1	329.7	0.18	42.36	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	27-Jan-13 21:00:00	0.41	52.71	18.92	83.84	88.99
27-Jan-13 22:00:00	27-Jan-13 23:00:00	0.95	263.74	0.00	0.00	6.99	2.1	329.7	0.31	86.96	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	27-Jan-13 22:00:00	0.54	97.31	18.92	83.84	88.98
27-Jan-13 23:00:00	28-Jan-13 00:00:00	1.20	399.76	0.00	0.00	7.09	2.1	329.7	0.40	131.80	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	27-Jan-13 23:00:00	0.63	142.15	18.92	83.84	89.02
28-Jan-13 00:00:00	28-Jan-13 01:00:00	1.45	361.56	0.00	0.00	7.19	2.1	329.7	0.48	119.21	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	28-Jan-13 00:00:00	0.71	129.56	18.92	83.84	89.05
28-Jan-13 01:00:00	28-Jan-13 02:00:00	0.71	370.50	0.00	0.00	7.32	2.1	329.7	0.23	122.15	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	28-Jan-13 01:00:00	0.46	132.50	18.92	83.84	89.09
28-Jan-13 02:00:00	28-Jan-13 03:00:00	0.27	409.82	0.00	0.00	7.43	2.1	329.7	0.09	135.12	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	28-Jan-13 02:00:00	0.32	145.47	18.92	83.84	89.13
28-Jan-13 03:00:00	28-Jan-13 04:00:00	0.53	414.92	0.00	0.00	7.35	2.1	329.7	0.17	136.80	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	28-Jan-13 03:00:00	0.40	147.15	18.92	83.84	89.10
28-Jan-13 04:00:00	28-Jan-13 05:00:00	0.78	411.14	0.00	0.00	7.26	2.1	329.7	0.26	135.55	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	28-Jan-13 04:00:00	0.49	145.90	18.92	83.84	89.07
28-Jan-13 05:00:00	28-Jan-13 06:00:00	1.13	381.07	0.00	0.00	7.17	2.1	329.7	0.37	125.64	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	28-Jan-13 05:00:00	0.60	135.99	18.92	83.84	89.04
28-Jan-13 06:00:00	28-Jan-13 07:00:00	0.06	375.11	0.00	0.00	7.07	2.1	329.7	0.02	123.67	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	28-Jan-13 06:00:00	0.23	134.23	18.92	83.84	89.00
28-Jan-13 07:00:00	28-Jan-13 08:00:00	0.00	399.69	0.00	0.00	7.00	2.1	329.7	0.00	131.78	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	28-Jan-13 07:00:00	0.23	142.13	18.92	83.84	88.99
28-Jan-13 08:00:00	28-Jan-13 09:00:00	0.62	0.00	0.00	0.00	6.96	2.1	329.7	0.20	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	28-Jan-13 08:00:00	0.43	10.35	18.92	83.84	88.98
28-Jan-13 09:00:00	28-Jan-13 10:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	28-Jan-13 09:00:00	0.23	10.35	18.92	83.84	88.96
28-Jan-13 10:00:00	28-Jan-13 11:00:00	0.00	0.00	6.73	0.00	6.76	2.1	329.7	0.00	0.00	2.22	0.00	2.23	0.23	10.35	18.92	83.84	86.68	28-Jan-13 10:00:00	0.23	10.35	21.14	83.84	88.91
28-Jan-13 11:00:00	28-Jan-13 12:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	28-Jan-13 11:00:00	0.23	10.35	18.92	83.84	88.83
28-Jan-13 12:00:00	28-Jan-13 13:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Jan-13 12:00:00	0.23	10.35	18.92	83.84	88.75
28-Jan-13 13:00:00	28-Jan-13 14:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	28-Jan-13 13:00:00	0.23	10.35	18.92	83.84	88.67
28-Jan-13 14:00:00	28-Jan-13 15:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	28-Jan-13 14:00:00	0.23	10.35	18.92	83.84	88.61
28-Jan-13 15:00:00	28-Jan-13 16:00:00	0.00	0.00	5.17	0.00	5.85	2.1	329.7	0.00	0.00	1.70	0.00	1.93	0.23	10.35	18.92	83.84	86.68	28-Jan-13					

14-Feb-13 22:00:00	14-Feb-13 23:00:00	0.75	0.00	0.00	0.00	6.72	2.1	329.7	0.25	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	14-Feb-13 22:00:00	0.48	10.35	18.92	83.84	88.89
14-Feb-13 23:00:00	15-Feb-13 00:00:00	1.15	0.00	0.00	0.00	6.90	2.1	329.7	0.38	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	14-Feb-13 23:00:00	0.61	10.35	18.92	83.84	88.95
15-Feb-13 00:00:00	15-Feb-13 01:00:00	0.93	0.00	0.00	0.00	7.08	2.1	329.7	0.31	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	15-Feb-13 00:00:00	0.54	10.35	18.92	83.84	89.01
15-Feb-13 01:00:00	15-Feb-13 02:00:00	2.09	0.00	0.00	0.00	7.12	2.1	329.7	0.69	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	15-Feb-13 01:00:00	0.92	10.35	18.92	83.84	89.03
15-Feb-13 02:00:00	15-Feb-13 03:00:00	2.99	0.00	0.00	0.00	7.25	2.1	329.7	0.97	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	15-Feb-13 02:00:00	1.20	10.35	18.92	83.84	89.07
15-Feb-13 03:00:00	15-Feb-13 04:00:00	2.85	0.00	0.00	0.00	7.42	2.1	329.7	0.94	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	15-Feb-13 03:00:00	1.17	10.35	18.92	83.84	89.12
15-Feb-13 04:00:00	15-Feb-13 05:00:00	2.77	0.00	0.00	0.00	7.49	2.1	329.7	0.91	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	15-Feb-13 04:00:00	1.14	10.35	18.92	83.84	89.16
15-Feb-13 05:00:00	15-Feb-13 06:00:00	2.27	0.00	0.00	0.00	7.56	2.1	329.7	0.75	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	15-Feb-13 05:00:00	0.98	10.35	18.92	83.84	89.17
15-Feb-13 06:00:00	15-Feb-13 07:00:00	1.66	0.00	0.00	0.00	7.53	2.1	329.7	0.55	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	15-Feb-13 06:00:00	0.78	10.35	18.92	83.84	89.16
15-Feb-13 07:00:00	15-Feb-13 08:00:00	1.32	0.00	0.00	0.00	7.51	2.1	329.7	0.44	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	15-Feb-13 07:00:00	0.67	10.35	18.92	83.84	89.15
15-Feb-13 08:00:00	15-Feb-13 09:00:00	0.99	107.32	0.00	0.00	7.49	2.1	329.7	0.33	35.38	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	15-Feb-13 08:00:00	0.56	45.73	18.92	83.84	89.15
15-Feb-13 09:00:00	15-Feb-13 10:00:00	0.34	0.00	0.00	0.00	7.28	2.1	329.7	0.11	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	15-Feb-13 09:00:00	0.34	10.35	18.92	83.84	89.08
15-Feb-13 10:00:00	15-Feb-13 11:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	15-Feb-13 10:00:00	0.23	10.35	18.92	83.84	88.90
15-Feb-13 11:00:00	15-Feb-13 12:00:00	0.00	0.00	0.00	0.00	6.15	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	15-Feb-13 11:00:00	0.23	10.35	18.92	83.84	88.71
15-Feb-13 12:00:00	15-Feb-13 13:00:00	0.00	0.00	0.00	0.00	5.58	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	15-Feb-13 12:00:00	0.23	10.35	18.92	83.84	88.52
15-Feb-13 13:00:00	15-Feb-13 14:00:00	0.00	918.15	0.00	0.00	5.23	2.1	329.7	0.00	302.71	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	15-Feb-13 13:00:00	0.23	313.06	18.92	83.84	88.40
15-Feb-13 14:00:00	15-Feb-13 15:00:00	0.00	0.00	0.00	0.00	5.09	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	15-Feb-13 14:00:00	0.23	10.35	18.92	83.84	88.36
15-Feb-13 15:00:00	15-Feb-13 16:00:00	0.00	0.00	0.00	0.00	4.95	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	15-Feb-13 15:00:00	0.23	10.35	18.92	83.84	88.31
15-Feb-13 16:00:00	15-Feb-13 17:00:00	0.00	0.00	0.00	0.00	4.81	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	15-Feb-13 16:00:00	0.23	10.35	18.92	83.84	88.27
15-Feb-13 17:00:00	15-Feb-13 18:00:00	0.00	0.00	0.00	0.00	4.95	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	15-Feb-13 17:00:00	0.23	10.35	18.92	83.84	88.31
15-Feb-13 18:00:00	15-Feb-13 19:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	15-Feb-13 18:00:00	0.23	10.35	18.92	83.84	88.40
15-Feb-13 19:00:00	15-Feb-13 20:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	15-Feb-13 19:00:00	0.23	10.35	18.92	83.84	88.48
15-Feb-13 20:00:00	15-Feb-13 21:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	15-Feb-13 20:00:00	0.23	10.35	18.92	83.84	88.56
15-Feb-13 21:00:00	15-Feb-13 22:00:00	0.00	0.00	0.00	0.00	5.96	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	15-Feb-13 21:00:00	0.23	10.35	18.92	83.84	88.65
15-Feb-13 22:00:00	15-Feb-13 23:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	15-Feb-13 22:00:00	0.23	10.35	18.92	83.84	88.67
15-Feb-13 23:00:00	16-Feb-13 00:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	15-Feb-13 23:00:00	0.23	10.35	18.92	83.84	88.69
16-Feb-13 00:00:00	16-Feb-13 01:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	16-Feb-13 00:00:00	0.23	10.35	18.92	83.84	88.71
16-Feb-13 01:00:00	16-Feb-13 02:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	16-Feb-13 01:00:00	0.23	10.35	18.92	83.84	88.72
16-Feb-13 02:00:00	16-Feb-13 03:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	16-Feb-13 02:00:00	0.23	10.35	18.92	83.84	88.78
16-Feb-13 03:00:00	16-Feb-13 04:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	16-Feb-13 03:00:00	0.23	10.35	18.92	83.84	88.84
16-Feb-13 04:00:00	16-Feb-13 05:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	16-Feb-13 04:00:00	0.23	10.35	18.92	83.84	88.90
16-Feb-13 05:00:00	16-Feb-13 06:00:00	0.00	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	16-Feb-13 05:00:00	0.23	10.35	18.92	83.84	88.96
16-Feb-13 06:00:00	16-Feb-13 07:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	16-Feb-13 06:00:00	0.23	10.35	18.92	83.84	89.02
16-Feb-13 07:00:00	16-Feb-13 08:00:00	0.00	0.00	0.00	0.00	7.25	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	16-Feb-13 07:00:00	0.23	10.35	18.92	83.84	89.07
16-Feb-13 08:00:00	16-Feb-13 09:00:00	0.00	0.00	0.00	0.00	7.38	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	16-Feb-13 08:00:00	0.23	10.35	18.92	83.84	89.11
16-Feb-13 09:00:00	16-Feb-13 10:00:00	0.00	0.00	0.00	0.00	7.47	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	16-Feb-13 09:00:00	0.23	10.35	18.92	83.84	89.14
16-Feb-13 10:00:00	16-Feb-13 11:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	16-Feb-13 10:00:00	0.23	10.35	18.92	83.84	89.14
16-Feb-13 11:00:00	16-Feb-13 12:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	16-Feb-13 11:00:00	0.23	10.35	18.92	83.84	89.15
16-Feb-13 12:00:00	16-Feb-13 13:00:00	0.67	0.00	0.00	0.00	7.48	2.1	329.7	0.22	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	16-Feb-13 12:00:00	0.45	10.35	18.92	83.84	89.15
16-Feb-13 13:00:00	16-Feb-13 14:00:00	0.19	0.00	0.00	0.00	7.43	2.1	329.7	0.06	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	16-Feb-13 13:00:00	0.29	10.35	18.92	83.84	89.13
16-Feb-13 14:00:00	16-Feb-13 15:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	16-Feb-13 14:00:00	0.23	10.35	18.92	83.84	89.08
16-Feb-13 15:00:00	16-Feb-13 16:00:00	1.34	0.00	0.00	0.00	7.15	2.1	329.7	0.44	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	16-Feb-13 15:00:00	0.67	10.35	18.92	83.84	89.04
16-Feb-13 16:00:00	16-Feb-13 17:00:00	1.37	0.00	0.00	0.00	7.00	2.1	329.7	0.45	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	16-Feb-13 16:00:00	0.68	10.35	18.92	83.84	88.99
16-Feb-13 17:00:00	16-Feb-13 18:00:00	0.00	0.00	0.00	0.00	7.02	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	16-Feb-13 17:00:00	0.23	10.35	18.92	83.84	89.00
16-Feb-13 18:00:00	16-Feb-13 19:00:00	0.00	0.00	0.00	0.00	7.13	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	16-Feb-13 18:00:00	0.23	10.35	18.92	83.84	89.02
16-Feb-13 19:00:00	16-Feb-13																							

18-Feb-13 17:00:00	18-Feb-13 18:00:00	0.00	1.50	0.00	0.00	5.30	2.1	329.7	0.00	0.49	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	18-Feb-13 17:00:00	0.23	10.84	18.92	83.84	88.43	
18-Feb-13 18:00:00	18-Feb-13 19:00:00	0.00	2.14	0.00	0.00	5.78	2.1	329.7	0.00	0.71	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	18-Feb-13 18:00:00	0.23	11.06	18.92	83.84	88.58	
18-Feb-13 19:00:00	18-Feb-13 20:00:00	0.00	1.10	0.00	0.00	5.58	2.1	329.7	0.00	0.36	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	18-Feb-13 19:00:00	0.23	10.71	18.92	83.84	88.52	
18-Feb-13 20:00:00	18-Feb-13 21:00:00	0.00	0.00	0.215	0.00	5.87	2.1	329.7	0.00	0.00	7.01	0.00	1.93	0.23	10.35	18.92	83.84	86.68	18-Feb-13 20:00:00	0.23	10.35	25.93	83.84	88.61	
18-Feb-13 21:00:00	18-Feb-13 22:00:00	0.00	0.00	0.00	0.00	6.15	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	18-Feb-13 21:00:00	0.23	10.35	18.92	83.84	88.71	
18-Feb-13 22:00:00	18-Feb-13 23:00:00	0.00	0.70	18.00	0.00	6.39	2.1	329.7	0.00	0.23	5.93	0.00	2.11	0.23	10.35	18.92	83.84	86.68	18-Feb-13 22:00:00	0.23	10.58	24.85	83.84	88.79	
18-Feb-13 23:00:00	19-Feb-13 00:00:00	0.00	4.04	0.00	0.00	6.98	2.1	329.7	0.00	1.33	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Feb-13 23:00:00	0.23	11.68	18.92	83.84	88.81	
19-Feb-13 00:00:00	19-Feb-13 01:00:00	0.06	3.81	0.00	0.00	6.61	2.1	329.7	0.02	1.26	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Feb-13 00:00:00	0.25	11.61	18.92	83.84	88.86	
19-Feb-13 01:00:00	19-Feb-13 02:00:00	0.40	1.87	0.00	0.00	6.75	2.1	329.7	0.13	0.62	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	19-Feb-13 01:00:00	0.36	10.97	18.92	83.84	88.91	
19-Feb-13 02:00:00	19-Feb-13 03:00:00	0.35	1.05	0.00	0.00	6.89	2.1	329.7	0.12	0.35	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	19-Feb-13 02:00:00	0.35	10.70	18.92	83.84	88.95	
19-Feb-13 03:00:00	19-Feb-13 04:00:00	0.79	2.04	0.00	0.00	6.93	2.1	329.7	0.26	0.67	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	19-Feb-13 03:00:00	0.49	11.02	18.92	83.84	88.96	
19-Feb-13 04:00:00	19-Feb-13 05:00:00	1.47	1.89	0.00	0.00	6.91	2.1	329.7	0.48	0.62	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	19-Feb-13 04:00:00	0.71	10.97	18.92	83.84	88.96	
19-Feb-13 05:00:00	19-Feb-13 06:00:00	2.87	0.67	0.00	0.00	6.89	2.1	329.7	0.95	0.22	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	19-Feb-13 05:00:00	1.18	10.57	18.92	83.84	88.95	
19-Feb-13 06:00:00	19-Feb-13 07:00:00	2.41	0.42	0.00	0.00	6.87	2.1	329.7	0.79	0.14	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	19-Feb-13 06:00:00	1.02	10.49	18.92	83.84	88.94	
19-Feb-13 07:00:00	19-Feb-13 08:00:00	0.19	0.17	0.00	0.00	6.81	2.1	329.7	0.06	0.06	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	19-Feb-13 07:00:00	0.29	10.41	18.92	83.84	88.93	
19-Feb-13 08:00:00	19-Feb-13 09:00:00	0.00	0.01	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	19-Feb-13 08:00:00	0.23	10.35	18.92	83.84	88.91	
19-Feb-13 09:00:00	19-Feb-13 10:00:00	0.64	0.00	0.00	0.00	6.71	2.1	329.7	0.21	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	19-Feb-13 09:00:00	0.44	10.35	18.92	83.84	88.89	
19-Feb-13 10:00:00	19-Feb-13 11:00:00	1.55	0.00	0.00	0.00	6.64	2.1	329.7	0.51	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Feb-13 10:00:00	0.74	10.35	18.92	83.84	88.87	
19-Feb-13 11:00:00	19-Feb-13 12:00:00	0.00	0.00	0.00	0.00	95.31	103.14	2.1	329.7	0.00	0.00	0.00	31.43	34.00	0.23	10.35	18.92	83.84	86.68	19-Feb-13 11:00:00	0.23	10.35	18.92	115.27	120.68
19-Feb-13 12:00:00	19-Feb-13 13:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	19-Feb-13 12:00:00	0.23	10.35	18.92	83.84	88.81	
19-Feb-13 13:00:00	19-Feb-13 14:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	19-Feb-13 13:00:00	0.23	10.35	18.92	83.84	88.79	
19-Feb-13 14:00:00	19-Feb-13 15:00:00	0.00	1.46	0.00	0.00	6.37	2.1	329.7	0.00	0.48	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	19-Feb-13 14:00:00	0.23	10.83	18.92	83.84	88.78	
19-Feb-13 15:00:00	19-Feb-13 16:00:00	0.00	2.07	0.00	0.00	6.34	2.1	329.7	0.00	0.68	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	19-Feb-13 15:00:00	0.23	11.03	18.92	83.84	88.77	
19-Feb-13 16:00:00	19-Feb-13 17:00:00	0.00	1.48	0.00	0.00	6.16	2.1	329.7	0.00	0.49	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	19-Feb-13 16:00:00	0.23	10.84	18.92	83.84	88.71	
19-Feb-13 17:00:00	19-Feb-13 18:00:00	0.00	1.22	0.00	0.00	5.95	2.1	329.7	0.00	0.40	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	19-Feb-13 17:00:00	0.23	10.75	18.92	83.84	88.64	
19-Feb-13 18:00:00	19-Feb-13 19:00:00	0.00	0.83	0.00	0.00	6.58	2.1	329.7	0.00	0.27	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	19-Feb-13 18:00:00	0.23	10.62	18.92	83.84	88.85	
19-Feb-13 19:00:00	19-Feb-13 20:00:00	0.00	0.44	0.00	0.00	5.69	2.1	329.7	0.00	0.15	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	19-Feb-13 19:00:00	0.23	10.50	18.92	83.84	88.55	
19-Feb-13 20:00:00	19-Feb-13 21:00:00	0.00	0.08	0.00	0.00	5.53	2.1	329.7	0.00	0.03	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	19-Feb-13 20:00:00	0.23	10.38	18.92	83.84	88.50	
19-Feb-13 21:00:00	19-Feb-13 22:00:00	0.00	0.00	0.00	0.00	5.38	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	19-Feb-13 21:00:00	0.23	10.35	18.92	83.84	88.45	
19-Feb-13 22:00:00	19-Feb-13 23:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	19-Feb-13 22:00:00	0.23	10.35	18.92	83.84	88.50	
19-Feb-13 23:00:00	20-Feb-13 00:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	19-Feb-13 23:00:00	0.23	10.35	18.92	83.84	88.58	
20-Feb-13 00:00:00	20-Feb-13 01:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.05	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	20-Feb-13 00:00:00	0.23	10.40	18.92	83.84	88.65	
20-Feb-13 01:00:00	20-Feb-13 02:00:00	0.89	0.00	0.00	0.00	6.20	2.1	329.7	0.29	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	20-Feb-13 01:00:00	0.52	10.35	18.92	83.84	88.72	
20-Feb-13 02:00:00	20-Feb-13 03:00:00	0.00	0.98	0.00	0.00	6.41	2.1	329.7	0.00	0.32	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	20-Feb-13 02:00:00	0.23	10.67	18.92	83.84	88.79	
20-Feb-13 03:00:00	20-Feb-13 04:00:00	0.21	0.00	0.00	0.00	6.55	2.1	329.7	0.07	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	20-Feb-13 03:00:00	0.30	10.35	18.92	83.84	88.84	
20-Feb-13 04:00:00	20-Feb-13 05:00:00	1.15	0.81	0.00	0.00	6.69	2.1	329.7	0.38	0.27	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	20-Feb-13 04:00:00	0.61	10.62	18.92	83.84	88.88	
20-Feb-13 05:00:00	20-Feb-13 06:00:00	2.40	3.06	0.00	0.00	6.82	2.1	329.7	0.79	1.01	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	20-Feb-13 05:00:00	1.02	11.36	18.92	83.84	88.93	
20-Feb-13 06:00:00	20-Feb-13 07:00:00	2.67	1.67	0.00	0.00	6.86	2.1	329.7	0.88	0.55	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	20-Feb-13 06:00:00	1.11	10.90	18.92	83.84	88.94	
20-Feb-13 07:00:00	20-Feb-13 08:00:00	2.32	0.42	0.00	0.00	6.68	2.1	329.7	0.76	0.14	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	20-Feb-13 07:00:00	0.99	10.49	18.92	83.84	88.88	
20-Feb-13 08:00:00	20-Feb-13 09:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	20-Feb-13 08:00:00	0.23	10.35	18.92	83.84	88.82	
20-Feb-13 09:00:00	20-Feb-13 10:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	20-Feb-13 09:00:00	0.23	10.35	18.92	83.84	88.76	
20-Feb-13 10:00:00	20-Feb-13 11:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	20-Feb-13 10:00:00	0.23	10.35	18.92	83.84	88.69	
20-Feb-13 11:00:00	20-Feb-13 12:00:00	0.00	0.27	0.00	0.00	5.82	2.1	329.7	0.00	0.09	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	20-Feb-13 11:00:00	0.23	10.44	18.92	83.84	88.60	
20-Feb-13 12:00:00	20-Feb-13 13:00:00	0.00	0.97	0.00	0.00	5.54	2.1	329.7	0.00	0.32	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	20-Feb-13 12:00:00	0.23	10.67	18.92	83.84	88.51	
20-Feb-13 13:00:00	20-Feb-13 14:00:00	0.00	1.66	0.00	0.00	5.26	2.1	329.7	0.00	0.55	0.00	0.00													

26-Feb-13 07:00:00	26-Feb-13 08:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	26-Feb-13 07:00:00	0.23	10.35	18.92	83.84	88.78
26-Feb-13 08:00:00	26-Feb-13 09:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	26-Feb-13 08:00:00	0.23	10.35	18.92	83.84	88.74
26-Feb-13 09:00:00	26-Feb-13 10:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	26-Feb-13 09:00:00	0.23	10.35	18.92	83.84	88.61
26-Feb-13 10:00:00	26-Feb-13 11:00:00	0.14	0.00	0.00	0.00	5.62	2.1	329.7	0.05	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	26-Feb-13 10:00:00	0.28	10.35	18.92	83.84	88.53
26-Feb-13 11:00:00	26-Feb-13 12:00:00	0.47	0.00	0.00	0.00	74.88	2.1	329.7	0.16	0.00	0.00	0.00	24.69	0.23	10.35	18.92	83.84	86.68	26-Feb-13 11:00:00	0.39	10.35	18.92	83.84	111.37
26-Feb-13 12:00:00	26-Feb-13 13:00:00	0.00	0.00	0.00	0.00	10.73	2.1	329.7	0.00	0.00	0.00	0.00	3.54	0.23	10.35	18.92	83.84	86.68	26-Feb-13 12:00:00	0.23	10.35	18.92	83.84	90.22
26-Feb-13 13:00:00	26-Feb-13 14:00:00	0.00	0.00	0.00	0.00	10.95	2.1	329.7	0.00	0.00	0.00	0.00	4.41	0.23	10.35	18.92	83.84	86.68	26-Feb-13 13:00:00	0.23	10.35	18.92	83.84	90.06
26-Feb-13 14:00:00	26-Feb-13 15:00:00	0.00	0.00	0.00	0.00	14.91	2.1	329.7	0.00	0.00	0.00	0.00	4.92	0.23	10.35	18.92	83.84	86.68	26-Feb-13 14:00:00	0.23	10.35	18.92	83.84	91.60
26-Feb-13 15:00:00	26-Feb-13 16:00:00	0.00	0.00	0.00	0.00	4.03	2.1	329.7	0.00	0.00	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	26-Feb-13 15:00:00	0.23	10.35	18.92	83.84	88.01
26-Feb-13 16:00:00	26-Feb-13 17:00:00	0.00	0.00	0.00	0.00	3.94	2.1	329.7	0.00	0.00	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	26-Feb-13 16:00:00	0.23	10.35	18.92	83.84	87.98
26-Feb-13 17:00:00	26-Feb-13 18:00:00	0.00	0.00	0.00	0.00	3.85	2.1	329.7	0.00	0.00	0.00	0.00	1.27	0.23	10.35	18.92	83.84	86.68	26-Feb-13 17:00:00	0.23	10.35	18.92	83.84	87.95
26-Feb-13 18:00:00	26-Feb-13 19:00:00	0.00	0.00	0.00	0.00	3.88	2.1	329.7	0.00	0.00	0.00	0.00	1.28	0.23	10.35	18.92	83.84	86.68	26-Feb-13 18:00:00	0.23	10.35	18.92	83.84	87.96
26-Feb-13 19:00:00	26-Feb-13 20:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	26-Feb-13 19:00:00	0.23	10.35	18.92	83.84	88.81
26-Feb-13 20:00:00	26-Feb-13 21:00:00	0.00	0.00	0.00	0.00	215.44	2.1	329.7	0.00	0.00	0.00	0.00	71.03	0.23	10.35	18.92	83.84	86.68	26-Feb-13 20:00:00	0.23	10.35	18.92	83.84	157.71
26-Feb-13 21:00:00	26-Feb-13 22:00:00	0.00	0.00	0.00	0.00	7.69	2.1	329.7	0.00	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	26-Feb-13 21:00:00	0.23	10.35	18.92	83.84	89.22
26-Feb-13 22:00:00	26-Feb-13 23:00:00	0.00	0.00	0.00	0.00	35.21	2.1	329.7	0.00	0.00	0.00	0.00	11.61	0.23	10.35	18.92	83.84	86.68	26-Feb-13 22:00:00	0.23	10.35	18.92	83.84	98.29
26-Feb-13 23:00:00	27-Feb-13 00:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	26-Feb-13 23:00:00	0.23	10.35	18.92	83.84	88.52
27-Feb-13 00:00:00	27-Feb-13 01:00:00	0.00	0.00	0.00	0.00	4.51	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	27-Feb-13 00:00:00	0.23	10.35	18.92	83.84	88.17
27-Feb-13 01:00:00	27-Feb-13 02:00:00	0.00	0.00	0.00	0.00	25.14	2.1	329.7	0.00	0.00	0.00	0.00	8.29	0.23	10.35	18.92	83.84	86.68	27-Feb-13 01:00:00	0.23	10.35	18.92	83.84	94.97
27-Feb-13 02:00:00	27-Feb-13 03:00:00	0.00	0.00	0.00	0.00	10.06	2.1	329.7	0.00	0.00	0.00	0.00	3.32	0.23	10.35	18.92	83.84	86.68	27-Feb-13 02:00:00	0.23	10.35	18.92	83.84	90.00
27-Feb-13 03:00:00	27-Feb-13 04:00:00	0.00	0.00	0.00	0.00	35.92	2.1	329.7	0.00	0.00	0.00	0.00	11.84	0.23	10.35	18.92	83.84	86.68	27-Feb-13 03:00:00	0.23	10.35	18.92	83.84	98.52
27-Feb-13 04:00:00	27-Feb-13 05:00:00	0.00	0.00	0.00	0.00	18.15	2.1	329.7	0.00	0.00	0.00	0.00	5.99	0.23	10.35	18.92	83.84	86.68	27-Feb-13 04:00:00	0.23	10.35	18.92	83.84	92.67
27-Feb-13 05:00:00	27-Feb-13 06:00:00	0.00	0.00	0.00	0.00	161.35	2.1	329.7	0.00	0.00	0.00	0.00	53.20	0.23	10.35	18.92	83.84	86.68	27-Feb-13 05:00:00	0.23	10.35	18.92	83.84	139.88
27-Feb-13 06:00:00	27-Feb-13 07:00:00	0.00	0.00	0.00	0.00	236.72	2.1	329.7	0.00	0.00	0.00	0.00	78.05	0.23	10.35	18.92	83.84	86.68	27-Feb-13 06:00:00	0.23	10.35	18.92	83.84	164.73
27-Feb-13 07:00:00	27-Feb-13 08:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	27-Feb-13 07:00:00	0.23	10.35	18.92	83.84	88.43
27-Feb-13 08:00:00	27-Feb-13 09:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	27-Feb-13 08:00:00	0.23	10.35	18.92	83.84	88.34
27-Feb-13 09:00:00	27-Feb-13 10:00:00	0.00	0.00	0.00	0.00	10.29	2.1	329.7	0.00	0.00	0.00	0.00	3.39	0.23	10.35	18.92	83.84	86.68	27-Feb-13 09:00:00	0.23	10.35	18.92	83.84	90.07
27-Feb-13 10:00:00	27-Feb-13 11:00:00	0.00	0.00	0.00	0.00	14.85	2.1	329.7	0.00	0.00	0.00	0.00	4.90	0.23	10.35	18.92	83.84	86.68	27-Feb-13 10:00:00	0.23	10.35	18.92	83.84	91.58
27-Feb-13 11:00:00	27-Feb-13 12:00:00	0.00	0.00	0.00	0.00	46.30	2.1	329.7	0.00	0.00	0.00	0.00	15.26	0.23	10.35	18.92	83.84	86.68	27-Feb-13 11:00:00	0.23	10.35	18.92	83.84	101.94
27-Feb-13 12:00:00	27-Feb-13 13:00:00	0.00	0.00	0.00	0.00	47.85	2.1	329.7	0.00	0.00	0.00	0.00	15.78	0.23	10.35	18.92	83.84	86.68	27-Feb-13 12:00:00	0.23	10.35	18.92	83.84	102.46
27-Feb-13 13:00:00	27-Feb-13 14:00:00	0.00	0.00	0.00	0.00	117.57	2.1	329.7	0.00	0.00	0.00	0.00	38.76	0.23	10.35	18.92	83.84	86.68	27-Feb-13 13:00:00	0.23	10.35	18.92	83.84	125.54
27-Feb-13 14:00:00	27-Feb-13 15:00:00	0.00	0.00	0.00	0.00	69.11	2.1	329.7	0.00	0.00	0.00	0.00	19.82	0.23	10.35	18.92	83.84	86.68	27-Feb-13 14:00:00	0.23	10.35	18.92	83.84	106.50
27-Feb-13 15:00:00	27-Feb-13 16:00:00	0.00	0.00	0.00	0.00	2.90	2.1	329.7	0.00	0.00	0.00	0.00	0.96	0.23	10.35	18.92	83.84	86.68	27-Feb-13 15:00:00	0.23	10.35	18.92	83.84	87.64
27-Feb-13 16:00:00	27-Feb-13 17:00:00	0.00	0.00	0.00	0.00	2.70	2.1	329.7	0.00	0.00	0.00	0.00	0.89	0.23	10.35	18.92	83.84	86.68	27-Feb-13 16:00:00	0.23	10.35	18.92	83.84	87.57
27-Feb-13 17:00:00	27-Feb-13 18:00:00	0.00	0.00	0.00	0.00	5.20	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	27-Feb-13 17:00:00	0.23	10.35	18.92	83.84	88.39
27-Feb-13 18:00:00	27-Feb-13 19:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	27-Feb-13 18:00:00	0.23	10.35	18.92	83.84	88.76
27-Feb-13 19:00:00	27-Feb-13 20:00:00	0.00	0.00	0.00	0.00	4.61	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	27-Feb-13 19:00:00	0.23	10.35	18.92	83.84	88.20
27-Feb-13 20:00:00	27-Feb-13 21:00:00	0.00	0.00	0.00	0.00	3.37	2.1	329.7	0.00	0.00	0.00	0.00	1.11	0.23	10.35	18.92	83.84	86.68	27-Feb-13 20:00:00	0.23	10.35	18.92	83.84	87.79
27-Feb-13 21:00:00	27-Feb-13 22:00:00	0.00	0.00	0.00	0.00	9.50	2.1	329.7	0.00	0.00	0.00	0.00	3.13	0.23	10.35	18.92	83.84	86.68	27-Feb-13 21:00:00	0.23	10.35	18.92	83.84	89.81
27-Feb-13 22:00:00	27-Feb-13 23:00:00	0.00	0.00	0.00	0.00	3.99	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	27-Feb-13 22:00:00	0.23	10.35	18.92	83.84	87.99
27-Feb-13 23:00:00	28-Feb-13 00:00:00	0.00	0.00	0.00	0.00	4.06	2.1	329.7	0.00	0.00	0.00	0.00	1.34	0.23	10.35	18.92	83.84	86.68	27-Feb-13 23:00:00	0.23	10.35	18.92	83.84	88.02
28-Feb-13 00:00:00	28-Feb-13 01:00:00	0.00	0.00	0.00	0.00	4.80	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	28-Feb-13 00:00:00	0.23	10.35	18.92	83.84	88.26
28-Feb-13 01:00:00	28-Feb-13 02:00:00	51.47	0.00	0.00	0.00	85.38	2.1	329.7	16.97	0.00	0.00	0.00	28.15	0.23	10.35	18.92	83.84	86.68	28-Feb-13 01:00:00	17.20	10.35	18.92	83.84	114.83
28-Feb-13 02:00:00	28-Feb-13 03:00:00	448.49	0.00	0.00	0.00	65.45	2.1	329.7	147.87	0.00	0.00	0.00	21.58	0.23	10.35	18.92	83.84	86.68	28-Feb-13 02:00:00	148.10	10.35	18.92	83.84	108.26
28-Feb-13 03:00:00	28-Feb-13 04:00:00	750.35	0.00	0.00	0.00	146.60	2.1	329.7	247.39	0.00	0.00	0.00	48.23	0.23	10.35	18.92	83.84	86.68	28-Feb-13 03:00:00	247.62	10.35	18.92		

02-Mar-13 02:00:00	02-Mar-13 03:00:00	0.00	0.00	0.00	0.00	381.18	2.1	329.7	0.00	0.00	0.00	0.00	125.67	0.23	10.35	18.92	83.84	86.68	02-Mar-13 02:00:00	0.23	10.35	18.92	83.84	212.35
02-Mar-13 03:00:00	02-Mar-13 04:00:00	0.00	0.00	0.00	0.00	377.89	2.1	329.7	0.00	0.00	0.00	0.00	124.59	0.23	10.35	18.92	83.84	86.68	02-Mar-13 03:00:00	0.23	10.35	18.92	83.84	211.27
02-Mar-13 04:00:00	02-Mar-13 05:00:00	0.00	0.00	0.00	0.00	382.62	2.1	329.7	0.00	0.00	0.00	0.00	126.15	0.23	10.35	18.92	83.84	86.68	02-Mar-13 04:00:00	0.23	10.35	18.92	83.84	212.83
02-Mar-13 05:00:00	02-Mar-13 06:00:00	0.00	0.00	0.00	0.00	133.83	2.1	329.7	0.00	0.00	0.00	0.00	44.13	0.23	10.35	18.92	83.84	86.68	02-Mar-13 05:00:00	0.23	10.35	18.92	83.84	130.81
02-Mar-13 06:00:00	02-Mar-13 07:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	02-Mar-13 06:00:00	0.23	10.35	18.92	83.84	88.99
02-Mar-13 07:00:00	02-Mar-13 08:00:00	0.00	0.00	0.00	0.00	5.15	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	02-Mar-13 07:00:00	0.23	10.35	18.92	83.84	88.38
02-Mar-13 08:00:00	02-Mar-13 09:00:00	0.00	0.00	0.00	0.00	4.69	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	02-Mar-13 08:00:00	0.23	10.35	18.92	83.84	89.78
02-Mar-13 09:00:00	02-Mar-13 10:00:00	0.00	0.00	0.00	0.00	4.55	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	02-Mar-13 09:00:00	0.23	10.35	18.92	83.84	88.18
02-Mar-13 10:00:00	02-Mar-13 11:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	02-Mar-13 10:00:00	0.23	10.35	18.92	83.84	88.65
02-Mar-13 11:00:00	02-Mar-13 12:00:00	0.00	0.00	0.00	0.00	5.13	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	02-Mar-13 11:00:00	0.23	10.35	18.92	83.84	88.37
02-Mar-13 12:00:00	02-Mar-13 13:00:00	0.00	0.00	0.00	0.00	49.92	2.1	329.7	0.00	0.00	0.00	0.00	16.46	0.23	10.35	18.92	83.84	86.68	02-Mar-13 12:00:00	0.23	10.35	18.92	83.84	103.14
02-Mar-13 13:00:00	02-Mar-13 14:00:00	0.00	0.00	0.00	0.00	4.38	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	02-Mar-13 13:00:00	0.23	10.35	18.92	83.84	88.12
02-Mar-13 14:00:00	02-Mar-13 15:00:00	0.00	0.00	0.00	0.00	4.27	2.1	329.7	0.00	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	02-Mar-13 14:00:00	0.23	10.35	18.92	83.84	88.09
02-Mar-13 15:00:00	02-Mar-13 16:00:00	0.00	0.00	0.00	0.00	4.15	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	02-Mar-13 15:00:00	0.23	10.35	18.92	83.84	88.05
02-Mar-13 16:00:00	02-Mar-13 17:00:00	0.00	0.00	0.00	0.00	3.70	2.1	329.7	0.00	0.00	0.00	0.00	1.22	0.23	10.35	18.92	83.84	86.68	02-Mar-13 16:00:00	0.23	10.35	18.92	83.84	87.90
02-Mar-13 17:00:00	02-Mar-13 18:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	02-Mar-13 17:00:00	0.23	10.35	18.92	83.84	89.15
02-Mar-13 18:00:00	02-Mar-13 19:00:00	0.00	0.00	0.00	0.00	5.49	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	02-Mar-13 18:00:00	0.23	10.35	18.92	83.84	88.49
02-Mar-13 19:00:00	02-Mar-13 20:00:00	0.00	0.00	0.00	0.00	3.76	2.1	329.7	0.00	0.00	0.00	0.00	1.24	0.23	10.35	18.92	83.84	86.68	02-Mar-13 19:00:00	0.23	10.35	18.92	83.84	87.92
02-Mar-13 20:00:00	02-Mar-13 21:00:00	0.00	0.00	0.00	0.00	4.18	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	02-Mar-13 20:00:00	0.23	10.35	18.92	83.84	88.06
02-Mar-13 21:00:00	02-Mar-13 22:00:00	0.00	0.00	0.00	0.00	4.14	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	02-Mar-13 21:00:00	0.23	10.35	18.92	83.84	88.05
02-Mar-13 22:00:00	02-Mar-13 23:00:00	0.00	0.00	0.00	0.00	4.20	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	02-Mar-13 22:00:00	0.23	10.35	18.92	83.84	88.06
02-Mar-13 23:00:00	03-Mar-13 00:00:00	0.00	0.00	0.00	0.00	4.26	2.1	329.7	0.00	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	02-Mar-13 23:00:00	0.23	10.35	18.92	83.84	88.08
03-Mar-13 00:00:00	03-Mar-13 01:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	03-Mar-13 00:00:00	0.23	10.35	18.92	83.84	88.11
03-Mar-13 01:00:00	03-Mar-13 02:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	03-Mar-13 01:00:00	0.23	10.35	18.92	83.84	88.11
03-Mar-13 02:00:00	03-Mar-13 03:00:00	0.00	0.00	0.00	0.00	4.70	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	03-Mar-13 02:00:00	0.23	10.35	18.92	83.84	88.23
03-Mar-13 03:00:00	03-Mar-13 04:00:00	0.00	0.00	0.00	0.00	4.69	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	03-Mar-13 03:00:00	0.23	10.35	18.92	83.84	88.23
03-Mar-13 04:00:00	03-Mar-13 05:00:00	0.00	0.00	0.00	0.00	8.62	2.1	329.7	0.00	0.00	0.00	0.00	2.91	0.23	10.35	18.92	83.84	86.68	03-Mar-13 04:00:00	0.23	10.35	18.92	83.84	89.59
03-Mar-13 05:00:00	03-Mar-13 06:00:00	0.00	0.00	0.00	0.00	5.16	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	03-Mar-13 05:00:00	0.23	10.35	18.92	83.84	88.38
03-Mar-13 06:00:00	03-Mar-13 07:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	03-Mar-13 06:00:00	0.23	10.35	18.92	83.84	88.40
03-Mar-13 07:00:00	03-Mar-13 08:00:00	0.16	0.00	0.00	0.00	5.58	2.1	329.7	0.05	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	03-Mar-13 07:00:00	0.28	10.35	18.92	83.84	88.52
03-Mar-13 08:00:00	03-Mar-13 09:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	03-Mar-13 08:00:00	0.23	10.35	18.92	83.84	88.76
03-Mar-13 09:00:00	03-Mar-13 10:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	03-Mar-13 09:00:00	0.23	10.35	18.92	83.84	88.95
03-Mar-13 10:00:00	03-Mar-13 11:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	03-Mar-13 10:00:00	0.23	10.35	18.92	83.84	88.61
03-Mar-13 11:00:00	03-Mar-13 12:00:00	0.00	0.00	0.00	0.00	8.56	2.1	329.7	0.00	0.00	0.00	0.00	2.82	0.23	10.35	18.92	83.84	86.68	03-Mar-13 11:00:00	0.23	10.35	18.92	83.84	89.50
03-Mar-13 12:00:00	03-Mar-13 13:00:00	0.00	0.00	0.00	0.00	4.70	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	03-Mar-13 12:00:00	0.23	10.35	18.92	83.84	88.23
03-Mar-13 13:00:00	03-Mar-13 14:00:00	0.00	0.00	0.00	0.00	7.97	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	03-Mar-13 13:00:00	0.23	10.35	18.92	83.84	89.31
03-Mar-13 14:00:00	03-Mar-13 15:00:00	0.00	0.00	0.00	0.00	11.77	2.1	329.7	0.00	0.00	0.00	0.00	3.88	0.23	10.35	18.92	83.84	86.68	03-Mar-13 14:00:00	0.23	10.35	18.92	83.84	90.56
03-Mar-13 15:00:00	03-Mar-13 16:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	03-Mar-13 15:00:00	0.23	10.35	18.92	83.84	88.61
03-Mar-13 16:00:00	03-Mar-13 17:00:00	0.00	0.00	0.00	0.00	4.10	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	03-Mar-13 16:00:00	0.23	10.35	18.92	83.84	88.03
03-Mar-13 17:00:00	03-Mar-13 18:00:00	0.00	0.00	0.00	0.00	3.38	2.1	329.7	0.00	0.00	0.00	0.00	1.11	0.23	10.35	18.92	83.84	86.68	03-Mar-13 17:00:00	0.23	10.35	18.92	83.84	87.79
03-Mar-13 18:00:00	03-Mar-13 19:00:00	0.00	0.00	0.00	0.00	3.42	2.1	329.7	0.00	0.00	0.00	0.00	1.13	0.23	10.35	18.92	83.84	86.68	03-Mar-13 18:00:00	0.23	10.35	18.92		

09-Mar-13 16:00:00	09-Mar-13 17:00:00	0.00	0.00	0.00	0.00	15.96	2.1	329.7	0.00	0.00	0.00	0.00	5.26	0.23	10.35	18.92	83.84	86.68	09-Mar-13 16:00:00	0.23	10.35	18.92	83.84	91.94	
09-Mar-13 17:00:00	09-Mar-13 18:00:00	0.00	0.00	0.00	0.00	36.35	2.1	329.7	0.00	0.00	0.00	0.00	11.98	0.23	10.35	18.92	83.84	86.68	09-Mar-13 17:00:00	0.23	10.35	18.92	83.84	98.66	
09-Mar-13 18:00:00	09-Mar-13 19:00:00	0.00	0.00	0.00	0.00	17.01	2.1	329.7	0.00	0.00	0.00	0.00	5.61	0.23	10.35	18.92	83.84	86.68	09-Mar-13 18:00:00	0.23	10.35	18.92	83.84	92.29	
09-Mar-13 19:00:00	09-Mar-13 20:00:00	0.00	0.00	0.00	0.00	19.16	2.1	329.7	0.00	0.00	0.00	0.00	6.32	0.23	10.35	18.92	83.84	86.68	09-Mar-13 19:00:00	0.23	10.35	18.92	83.84	93.00	
09-Mar-13 20:00:00	09-Mar-13 21:00:00	0.00	0.00	0.00	0.00	10.28	2.1	329.7	0.00	0.00	0.00	0.00	3.39	0.23	10.35	18.92	83.84	86.68	09-Mar-13 20:00:00	0.23	10.35	18.92	83.84	90.07	
09-Mar-13 21:00:00	09-Mar-13 22:00:00	0.00	0.00	0.00	0.00	5.06	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	09-Mar-13 21:00:00	0.23	10.35	18.92	83.84	88.35	
09-Mar-13 22:00:00	09-Mar-13 23:00:00	0.00	0.00	0.00	0.00	15.83	2.1	329.7	0.00	0.00	0.00	0.00	5.23	0.23	10.35	18.92	83.84	86.68	09-Mar-13 22:00:00	0.23	10.35	18.92	83.84	91.91	
09-Mar-13 23:00:00	10-Mar-13 00:00:00	0.00	0.00	0.00	0.00	16.33	2.1	329.7	0.00	0.00	0.00	0.00	5.38	0.23	10.35	18.92	83.84	86.68	09-Mar-13 23:00:00	0.23	10.35	18.92	83.84	92.06	
10-Mar-13 00:00:00	10-Mar-13 01:00:00	0.00	0.00	0.00	0.00	45.59	2.1	329.7	0.00	0.00	0.00	0.00	15.03	0.23	10.35	18.92	83.84	86.68	10-Mar-13 00:00:00	0.23	10.35	18.92	83.84	101.71	
10-Mar-13 01:00:00	10-Mar-13 02:00:00	0.00	0.00	0.00	0.00	101.48	2.1	329.7	0.00	0.00	0.00	0.00	33.46	0.23	10.35	18.92	83.84	86.68	10-Mar-13 01:00:00	0.23	10.35	18.92	83.84	120.14	
10-Mar-13 03:00:00	10-Mar-13 04:00:00	0.00	0.00	0.00	0.00	15.73	2.1	329.7	0.00	0.00	0.00	0.00	5.19	0.23	10.35	18.92	83.84	86.68	10-Mar-13 03:00:00	0.23	10.35	18.92	83.84	91.87	
10-Mar-13 04:00:00	10-Mar-13 05:00:00	0.00	0.00	0.00	0.00	80.67	2.1	329.7	0.00	0.00	0.00	0.00	26.60	0.23	10.35	18.92	83.84	86.68	10-Mar-13 04:00:00	0.23	10.35	18.92	83.84	113.28	
10-Mar-13 05:00:00	10-Mar-13 06:00:00	0.00	0.00	0.00	0.00	39.68	2.1	329.7	0.00	0.00	0.00	0.00	13.08	0.23	10.35	18.92	83.84	86.68	10-Mar-13 05:00:00	0.23	10.35	18.92	83.84	99.76	
10-Mar-13 06:00:00	10-Mar-13 07:00:00	0.00	0.00	0.00	0.00	46.96	2.1	329.7	0.00	0.00	0.00	0.00	15.48	0.23	10.35	18.92	83.84	86.68	10-Mar-13 06:00:00	0.23	10.35	18.92	83.84	102.16	
10-Mar-13 07:00:00	10-Mar-13 08:00:00	0.00	0.00	0.00	0.00	26.96	2.1	329.7	0.00	0.00	0.00	0.00	8.89	0.23	10.35	18.92	83.84	86.68	10-Mar-13 07:00:00	0.23	10.35	18.92	83.84	95.57	
10-Mar-13 08:00:00	10-Mar-13 09:00:00	0.00	0.00	0.00	0.00	34.51	2.1	329.7	0.00	0.00	0.00	0.00	11.38	0.23	10.35	18.92	83.84	86.68	10-Mar-13 08:00:00	0.23	10.35	18.92	83.84	98.06	
10-Mar-13 09:00:00	10-Mar-13 10:00:00	0.00	0.00	0.00	0.00	43.31	2.1	329.7	0.00	0.00	0.00	0.00	14.28	0.23	10.35	18.92	83.84	86.68	10-Mar-13 09:00:00	0.23	10.35	18.92	83.84	100.96	
10-Mar-13 10:00:00	10-Mar-13 11:00:00	0.00	0.00	0.00	0.00	41.78	2.1	329.7	0.00	0.00	0.00	0.00	13.78	0.23	10.35	18.92	83.84	86.68	10-Mar-13 10:00:00	0.23	10.35	18.92	83.84	100.46	
10-Mar-13 11:00:00	10-Mar-13 12:00:00	0.00	0.00	0.00	0.00	9.80	2.1	329.7	0.00	0.00	0.00	0.00	3.23	0.23	10.35	18.92	83.84	86.68	10-Mar-13 11:00:00	0.23	10.35	18.92	83.84	89.91	
10-Mar-13 12:00:00	10-Mar-13 13:00:00	0.00	0.00	0.00	0.00	227.77	2.1	329.7	0.00	0.00	0.00	0.00	75.10	0.23	10.35	18.92	83.84	86.68	10-Mar-13 12:00:00	0.23	10.35	18.92	83.84	161.78	
10-Mar-13 13:00:00	10-Mar-13 14:00:00	0.00	0.00	0.00	0.00	0.69	2.1	329.7	0.00	0.00	0.00	0.00	0.23	0.23	10.35	18.92	83.84	86.68	10-Mar-13 13:00:00	0.23	10.35	18.92	83.84	86.91	
10-Mar-13 14:00:00	10-Mar-13 15:00:00	0.00	0.00	0.00	0.00	2.53	2.1	329.7	0.00	0.00	0.00	0.00	0.83	0.23	10.35	18.92	83.84	86.68	10-Mar-13 14:00:00	0.23	10.35	18.92	83.84	87.51	
10-Mar-13 15:00:00	10-Mar-13 16:00:00	0.00	0.00	0.00	0.00	2.40	2.1	329.7	0.00	0.00	0.00	0.00	0.79	0.23	10.35	18.92	83.84	86.68	10-Mar-13 15:00:00	0.23	10.35	18.92	83.84	87.47	
10-Mar-13 16:00:00	10-Mar-13 17:00:00	0.00	0.00	0.00	0.00	0.04	2.1	329.7	0.00	0.00	0.00	0.00	0.01	0.23	10.35	18.92	83.84	86.68	10-Mar-13 16:00:00	0.23	10.35	18.92	83.84	86.69	
10-Mar-13 17:00:00	10-Mar-13 18:00:00	0.00	0.00	0.00	0.00	3.65	2.1	329.7	0.00	0.00	0.00	0.00	1.20	0.23	10.35	18.92	83.84	86.68	10-Mar-13 17:00:00	0.23	10.35	18.92	83.84	87.88	
10-Mar-13 18:00:00	10-Mar-13 19:00:00	0.00	0.00	0.00	0.00	3.82	2.1	329.7	0.00	0.00	0.00	0.00	1.26	0.23	10.35	18.92	83.84	86.68	10-Mar-13 18:00:00	0.23	10.35	18.92	83.84	87.94	
10-Mar-13 19:00:00	10-Mar-13 20:00:00	0.00	0.00	0.00	0.00	2.54	2.1	329.7	0.00	0.00	0.00	0.00	0.84	0.23	10.35	18.92	83.84	86.68	10-Mar-13 19:00:00	0.23	10.35	18.92	83.84	87.52	
10-Mar-13 20:00:00	10-Mar-13 21:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	10-Mar-13 20:00:00	0.23	10.35	18.92	83.84	88.50	
10-Mar-13 21:00:00	10-Mar-13 22:00:00	0.00	0.00	0.00	0.00	10.04	2.1	329.7	0.00	0.00	0.00	0.00	3.31	0.23	10.35	18.92	83.84	86.68	10-Mar-13 21:00:00	0.23	10.35	18.92	83.84	89.99	
10-Mar-13 22:00:00	10-Mar-13 23:00:00	0.00	0.00	0.00	0.00	10.47	2.1	329.7	0.00	0.00	0.00	0.00	3.45	0.23	10.35	18.92	83.84	86.68	10-Mar-13 22:00:00	0.23	10.35	18.92	83.84	90.13	
10-Mar-13 23:00:00	11-Mar-13 00:00:00	0.00	0.00	0.00	0.00	11.03	2.1	329.7	0.00	0.00	0.00	0.00	3.64	0.23	10.35	18.92	83.84	86.68	10-Mar-13 23:00:00	0.23	10.35	18.92	83.84	90.32	
11-Mar-13 00:00:00	11-Mar-13 01:00:00	0.00	0.00	0.00	0.00	16.55	2.1	329.7	0.00	0.00	0.00	0.00	5.46	0.23	10.35	18.92	83.84	86.68	11-Mar-13 00:00:00	0.23	10.35	18.92	83.84	92.14	
11-Mar-13 01:00:00	11-Mar-13 02:00:00	0.00	0.00	0.00	0.00	9.32	2.1	329.7	0.00	0.00	0.00	0.00	3.07	0.23	10.35	18.92	83.84	86.68	11-Mar-13 01:00:00	0.23	10.35	18.92	83.84	89.75	
11-Mar-13 02:00:00	11-Mar-13 03:00:00	0.00	0.00	0.00	0.00	12.63	2.1	329.7	0.00	0.00	0.00	0.00	4.16	0.23	10.35	18.92	83.84	86.68	11-Mar-13 02:00:00	0.23	10.35	18.92	83.84	90.84	
11-Mar-13 03:00:00	11-Mar-13 04:00:00	0.00	0.00	0.00	0.00	11.87	2.1	329.7	0.00	0.00	0.00	0.00	3.91	0.23	10.35	18.92	83.84	86.68	11-Mar-13 03:00:00	0.23	10.35	18.92	83.84	90.59	
11-Mar-13 04:00:00	11-Mar-13 05:00:00	0.11	0.00	0.00	0.00	5.67	2.1	329.7	0.04	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	11-Mar-13 04:00:00	0.27	10.35	18.92	83.84	88.55	
11-Mar-13 05:00:00	11-Mar-13 06:00:00	0.34	0.00	0.00	0.00	8.97	2.1	329.7	0.11	0.00	0.00	0.00	2.96	0.23	10.35	18.92	83.84	86.68	11-Mar-13 05:00:00	0.34	10.35	18.92	83.84	89.64	
11-Mar-13 06:00:00	11-Mar-13 07:00:00	0.34	0.00	0.00	0.00	2.41	2.1	329.7	0.11	0.00	0.00	0.00	0.79	0.23	10.35	18.92	83.84	86.68	11-Mar-13 06:00:00	0.34	10.35	18.92	83.84	87.47	
11-Mar-13 07:00:00	11-Mar-13 08:00:00	0.34	0.00	0.00	0.00	6.70	2.1	329.7	0.11	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	11-Mar-13 07:00:00	0.34	10.35	18.92	83.84	88.89	
11-Mar-13 08:00:00	11-Mar-13 09:00:00	0.00	0.00	0.00	0.00	1.22	11.75	2.1	329.7	0.00	0.00	0.00	0.40	3.87	0.23	10.35	18.92	83.84	86.68	11-Mar-13 08:00:00	0.23	10.35	18.92	83.84	90.55
11-Mar-13 09:00:00	11-Mar-13 10:00:00	0.00	0.00	0.00	0.00	4.38	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	11-Mar-13 09:00:00						

13-Mar-13 12:00:00	13-Mar-13 13:00:00	0.00	0.00	0.00	0.00	1.40	2.1	329.7	0.00	0.00	0.00	0.00	0.46	0.23	10.35	18.92	83.84	86.68	13-Mar-13 12:00:00	0.23	10.35	18.92	83.84	87.14
13-Mar-13 13:00:00	13-Mar-13 14:00:00	0.00	0.00	0.00	0.00	1.06	2.1	329.7	0.00	0.00	0.00	0.00	0.35	0.23	10.35	18.92	83.84	86.68	13-Mar-13 13:00:00	0.23	10.35	18.92	83.84	87.03
13-Mar-13 14:00:00	13-Mar-13 15:00:00	0.00	0.00	0.00	0.94	0.80	2.1	329.7	0.00	0.00	0.00	0.31	0.26	0.23	10.35	18.92	83.84	86.68	13-Mar-13 14:00:00	0.23	10.35	18.92	84.15	86.94
13-Mar-13 15:00:00	13-Mar-13 16:00:00	0.00	0.00	0.00	0.00	0.54	2.1	329.7	0.00	0.00	0.00	0.00	0.18	0.23	10.35	18.92	83.84	86.68	13-Mar-13 15:00:00	0.23	10.35	18.92	83.84	86.86
13-Mar-13 16:00:00	13-Mar-13 17:00:00	0.00	0.00	0.00	0.00	0.27	2.1	329.7	0.00	0.00	0.00	0.00	0.09	0.23	10.35	18.92	83.84	86.68	13-Mar-13 16:00:00	0.23	10.35	18.92	83.84	86.77
13-Mar-13 17:00:00	13-Mar-13 18:00:00	0.00	0.00	0.00	0.00	0.14	2.1	329.7	0.00	0.00	0.00	0.00	0.06	0.23	10.35	18.92	83.84	86.68	13-Mar-13 17:00:00	0.23	10.35	18.92	83.84	86.73
13-Mar-13 18:00:00	13-Mar-13 19:00:00	0.00	0.00	0.00	0.00	0.08	2.1	329.7	0.00	0.00	0.00	0.00	0.06	0.23	10.35	18.92	83.84	86.68	13-Mar-13 18:00:00	0.23	10.35	18.92	83.84	86.74
13-Mar-13 19:00:00	13-Mar-13 20:00:00	0.00	0.00	0.00	0.00	0.22	2.1	329.7	0.00	0.00	0.00	0.00	0.07	0.23	10.35	18.92	83.84	86.68	13-Mar-13 19:00:00	0.23	10.35	18.92	83.84	86.75
13-Mar-13 20:00:00	13-Mar-13 21:00:00	0.00	0.00	0.00	0.00	0.29	2.1	329.7	0.00	0.00	0.00	0.00	0.10	0.23	10.35	18.92	83.84	86.68	13-Mar-13 20:00:00	0.23	10.35	18.92	83.84	86.78
13-Mar-13 21:00:00	13-Mar-13 22:00:00	0.00	0.00	0.00	0.00	0.76	2.1	329.7	0.00	0.00	0.00	0.00	0.25	0.23	10.35	18.92	83.84	86.68	13-Mar-13 21:00:00	0.23	10.35	18.92	83.84	86.93
13-Mar-13 22:00:00	13-Mar-13 23:00:00	0.00	0.00	0.00	0.00	1.28	2.1	329.7	0.00	0.00	0.00	0.00	0.42	0.23	10.35	18.92	83.84	86.68	13-Mar-13 22:00:00	0.23	10.35	18.92	83.84	87.10
13-Mar-13 23:00:00	14-Mar-13 00:00:00	0.00	0.00	0.00	0.00	1.80	2.1	329.7	0.00	0.00	0.00	0.00	0.59	0.23	10.35	18.92	83.84	86.68	13-Mar-13 23:00:00	0.23	10.35	18.92	83.84	87.27
14-Mar-13 00:00:00	14-Mar-13 01:00:00	0.00	0.00	0.00	0.00	2.32	2.1	329.7	0.00	0.00	0.00	0.00	0.77	0.23	10.35	18.92	83.84	86.68	14-Mar-13 00:00:00	0.23	10.35	18.92	83.84	87.45
14-Mar-13 01:00:00	14-Mar-13 02:00:00	0.43	0.00	0.00	0.00	2.71	2.1	329.7	0.14	0.00	0.00	0.00	0.89	0.23	10.35	18.92	83.84	86.68	14-Mar-13 01:00:00	0.37	10.35	18.92	83.84	87.57
14-Mar-13 02:00:00	14-Mar-13 03:00:00	0.18	0.00	0.00	0.00	101.67	2.1	329.7	0.06	0.00	0.00	0.00	33.52	0.23	10.35	18.92	83.84	86.68	14-Mar-13 02:00:00	0.29	10.35	18.92	83.84	120.20
14-Mar-13 03:00:00	14-Mar-13 04:00:00	0.00	0.00	0.00	0.00	3.43	2.1	329.7	0.00	0.00	0.00	0.00	1.13	0.23	10.35	18.92	83.84	86.68	14-Mar-13 03:00:00	0.23	10.35	18.92	83.84	87.81
14-Mar-13 04:00:00	14-Mar-13 05:00:00	0.00	0.00	0.00	0.00	3.61	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	14-Mar-13 04:00:00	0.23	10.35	18.92	83.84	87.87
14-Mar-13 05:00:00	14-Mar-13 06:00:00	0.00	0.00	0.00	0.00	3.78	2.1	329.7	0.00	0.00	0.00	0.00	1.25	0.23	10.35	18.92	83.84	86.68	14-Mar-13 05:00:00	0.23	10.35	18.92	83.84	87.99
14-Mar-13 06:00:00	14-Mar-13 07:00:00	0.00	0.00	0.00	0.00	3.98	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	14-Mar-13 06:00:00	0.23	10.35	18.92	83.84	87.99
14-Mar-13 07:00:00	14-Mar-13 08:00:00	0.00	0.50	0.00	0.00	3.86	2.1	329.7	0.00	0.17	0.00	0.00	1.27	0.23	10.35	18.92	83.84	86.68	14-Mar-13 07:00:00	0.23	10.52	18.92	83.84	87.95
14-Mar-13 08:00:00	14-Mar-13 09:00:00	0.00	0.68	0.00	0.00	3.67	2.1	329.7	0.00	0.22	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	14-Mar-13 08:00:00	0.23	10.57	18.92	83.84	87.89
14-Mar-13 09:00:00	14-Mar-13 10:00:00	0.00	0.00	0.00	0.00	3.48	2.1	329.7	0.00	0.00	0.00	0.00	1.15	0.23	10.35	18.92	83.84	86.68	14-Mar-13 09:00:00	0.23	10.35	18.92	83.84	87.83
14-Mar-13 10:00:00	14-Mar-13 11:00:00	0.00	0.00	0.00	0.00	3.16	2.1	329.7	0.00	0.00	0.00	0.00	1.04	0.23	10.35	18.92	83.84	86.68	14-Mar-13 10:00:00	0.23	10.35	18.92	83.84	87.72
14-Mar-13 11:00:00	14-Mar-13 12:00:00	0.00	0.00	0.00	0.00	2.65	2.1	329.7	0.00	0.00	0.00	0.00	0.87	0.23	10.35	18.92	83.84	86.68	14-Mar-13 11:00:00	0.23	10.35	18.92	83.84	87.55
14-Mar-13 12:00:00	14-Mar-13 13:00:00	0.00	0.08	0.00	0.00	2.16	2.1	329.7	0.00	0.02	0.00	0.00	0.71	0.23	10.35	18.92	83.84	86.68	14-Mar-13 12:00:00	0.23	10.37	18.92	83.84	87.39
14-Mar-13 13:00:00	14-Mar-13 14:00:00	0.00	0.00	0.00	0.00	1.66	2.1	329.7	0.00	0.00	0.00	0.00	0.55	0.23	10.35	18.92	83.84	86.68	14-Mar-13 13:00:00	0.23	10.35	18.92	83.84	87.23
14-Mar-13 14:00:00	14-Mar-13 15:00:00	0.00	0.00	0.00	0.00	1.29	2.1	329.7	0.00	0.00	0.00	0.00	0.43	0.23	10.35	18.92	83.84	86.68	14-Mar-13 14:00:00	0.23	10.35	18.92	83.84	87.11
14-Mar-13 15:00:00	14-Mar-13 16:00:00	0.00	0.00	0.00	0.00	1.06	2.1	329.7	0.00	0.00	0.00	0.00	0.35	0.23	10.35	18.92	83.84	86.68	14-Mar-13 15:00:00	0.23	10.35	18.92	83.84	87.03
14-Mar-13 16:00:00	14-Mar-13 17:00:00	0.00	0.00	0.00	0.00	0.81	2.1	329.7	0.00	0.00	0.00	0.00	0.27	0.23	10.35	18.92	83.84	86.68	14-Mar-13 16:00:00	0.23	10.35	18.92	83.84	86.95
14-Mar-13 17:00:00	14-Mar-13 18:00:00	0.00	0.00	0.00	0.00	0.55	2.1	329.7	0.00	0.00	0.00	0.00	0.18	0.23	10.35	18.92	83.84	86.68	14-Mar-13 17:00:00	0.23	10.35	18.92	83.84	86.86
14-Mar-13 18:00:00	14-Mar-13 19:00:00	0.00	0.00	0.00	0.00	0.49	2.1	329.7	0.00	0.00	0.00	0.00	0.16	0.23	10.35	18.92	83.84	86.68	14-Mar-13 18:00:00	0.23	10.35	18.92	83.84	86.84
14-Mar-13 19:00:00	14-Mar-13 20:00:00	0.00	0.00	0.00	0.00	0.28	2.1	329.7	0.00	0.00	0.00	0.00	0.28	0.23	10.35	18.92	83.84	86.68	14-Mar-13 19:00:00	0.23	10.35	18.92	83.84	86.96
14-Mar-13 20:00:00	14-Mar-13 21:00:00	0.00	0.00	0.00	0.00	1.18	2.1	329.7	0.00	0.00	0.00	0.00	0.39	0.23	10.35	18.92	83.84	86.68	14-Mar-13 20:00:00	0.23	10.35	18.92	83.84	87.07
14-Mar-13 21:00:00	14-Mar-13 22:00:00	0.00	0.00	0.00	0.00	1.53	2.1	329.7	0.00	0.00	0.00	0.00	0.50	0.23	10.35	18.92	83.84	86.68	14-Mar-13 21:00:00	0.23	10.35	18.92	83.84	87.15
14-Mar-13 22:00:00	14-Mar-13 23:00:00	0.00	0.00	0.00	0.00	1.93	2.1	329.7	0.00	0.00	0.00	0.00	0.64	0.23	10.35	18.92	83.84	86.68	14-Mar-13 22:00:00	0.23	10.35	18.92	83.84	87.32
14-Mar-13 23:00:00	15-Mar-13 00:00:00	0.00	0.00	0.00	0.00	2.35	2.1	329.7	0.00	0.00	0.00	0.00	0.78	0.23	10.35	18.92	83.84	86.68	14-Mar-13 23:00:00	0.23	10.35	18.92	83.84	87.46
15-Mar-13 00:00:00	15-Mar-13 01:00:00	0.22	0.00	0.00	0.00	2.75	2.1	329.7	0.07	0.00	0.00	0.00	0.91	0.23	10.35	18.92	83.84	86.68	15-Mar-13 00:00:00	0.30	10.35	18.92	83.84	87.59
15-Mar-13 01:00:00	15-Mar-13 02:00:00	0.14	0.00	0.00	0.00	3.15	2.1	329.7	0.04	0.00	0.00	0.00	1.04	0.23	10.35	18.92	83.84	86.68	15-Mar-13 01:00:00	0.27	10.35	18.92	83.84	87.72
15-Mar-13 02:00:00	15-Mar-13 03:00:00	0.23	0.00	0.00	0.00	3.49	2.1	329.7	0.08	0.00	0.00	0.00	1.15	0.23	10.35	18.92	83.84	86.68	15-Mar-13 02:00:00	0.31	10.35	18.92	83.84	87.83
15-Mar-13 03:00:00	15-Mar-13 04:00:00	0.40	0.00	0.00	0.00	3.66	2.1	329.7	0.13	0.00	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	15-Mar-13 03:00:00	0.36	10.35	18.92	83.84	87.89
15-Mar-13 04:00:00	15-Mar-13 05:00:00	0.57	0.00	0.00	0.00	3.81	2.1	329.7	0.19	0.00	0.00	0.00	1.26	0.23	10.35	18.92	83.84	86.68	15-Mar-13 04:00:00	0.42	10.35	18.92	83.84	87.94

17-Mar-13 07:00:00	17-Mar-13 08:00:00	1,646.91	0.00	4.41	0.00	3.09	2.1	329.7	542.99	0.00	1.45	0.00	1.02	0.23	10.35	18.92	83.84	86.68	17-Mar-13 07:00:00	543.22	10.35	20.37	83.84	87.70
17-Mar-13 08:00:00	17-Mar-13 09:00:00	1,366.05	0.00	0.00	0.00	3.22	2.1	329.7	450.39	0.00	0.00	0.00	1.06	0.23	10.35	18.92	83.84	86.68	17-Mar-13 08:00:00	450.62	10.35	18.92	83.84	87.74
17-Mar-13 09:00:00	17-Mar-13 10:00:00	1,460.85	0.00	0.00	0.00	3.35	2.1	329.7	481.64	0.00	0.00	0.00	1.11	0.23	10.35	18.92	83.84	86.68	17-Mar-13 09:00:00	481.87	10.35	18.92	83.84	87.79
17-Mar-13 10:00:00	17-Mar-13 11:00:00	939.94	0.00	0.00	0.00	3.34	2.1	329.7	309.90	0.00	0.00	0.00	1.10	0.23	10.35	18.92	83.84	86.68	17-Mar-13 10:00:00	310.13	10.35	18.92	83.84	87.78
17-Mar-13 11:00:00	17-Mar-13 12:00:00	459.49	0.00	0.00	0.00	2.57	2.1	329.7	151.49	0.00	0.00	0.00	0.85	0.23	10.35	18.92	83.84	86.68	17-Mar-13 11:00:00	151.72	10.35	18.92	83.84	87.53
17-Mar-13 12:00:00	17-Mar-13 13:00:00	449.83	0.00	0.00	0.00	2.26	2.1	329.7	148.31	0.00	0.00	0.00	0.74	0.23	10.35	18.92	83.84	86.68	17-Mar-13 12:00:00	148.54	10.35	18.92	83.84	87.42
17-Mar-13 13:00:00	17-Mar-13 14:00:00	449.74	0.00	0.00	0.00	1.96	2.1	329.7	148.28	0.00	0.00	0.00	0.70	0.23	10.35	18.92	83.84	86.68	17-Mar-13 13:00:00	148.51	10.35	18.92	83.84	87.38
17-Mar-13 14:00:00	17-Mar-13 15:00:00	484.18	0.00	0.00	0.00	1.96	2.1	329.7	159.62	0.00	0.00	0.00	0.65	0.23	10.35	18.92	83.84	86.68	17-Mar-13 14:00:00	159.86	10.35	18.92	83.84	87.33
17-Mar-13 15:00:00	17-Mar-13 16:00:00	448.74	0.00	0.00	0.00	1.79	2.1	329.7	147.95	0.00	0.00	0.00	0.59	0.23	10.35	18.92	83.84	86.68	17-Mar-13 15:00:00	148.18	10.35	18.92	83.84	87.27
17-Mar-13 16:00:00	17-Mar-13 17:00:00	448.62	0.00	0.00	0.00	1.69	2.1	329.7	147.91	0.00	0.00	0.00	0.56	0.23	10.35	18.92	83.84	86.68	17-Mar-13 16:00:00	148.14	10.35	18.92	83.84	87.24
17-Mar-13 17:00:00	17-Mar-13 18:00:00	457.61	0.00	0.00	0.00	1.69	2.1	329.7	150.87	0.00	0.00	0.00	0.56	0.23	10.35	18.92	83.84	86.68	17-Mar-13 17:00:00	151.10	10.35	18.92	83.84	87.24
17-Mar-13 18:00:00	17-Mar-13 19:00:00	591.50	0.00	0.00	0.00	1.69	2.1	329.7	195.02	0.00	0.00	0.00	0.56	0.23	10.35	18.92	83.84	86.68	17-Mar-13 18:00:00	195.25	10.35	18.92	83.84	87.24
17-Mar-13 19:00:00	17-Mar-13 20:00:00	692.03	0.00	0.00	0.00	1.70	2.1	329.7	228.16	0.00	0.00	0.00	0.56	0.23	10.35	18.92	83.84	86.68	17-Mar-13 19:00:00	228.39	10.35	18.92	83.84	87.24
17-Mar-13 20:00:00	17-Mar-13 21:00:00	729.90	0.00	0.00	0.00	1.93	2.1	329.7	240.65	0.00	0.00	0.00	0.64	0.23	10.35	18.92	83.84	86.68	17-Mar-13 20:00:00	240.88	10.35	18.92	83.84	87.32
17-Mar-13 21:00:00	17-Mar-13 22:00:00	713.41	0.00	0.00	0.00	2.23	2.1	329.7	235.21	0.00	0.00	0.00	0.73	0.23	10.35	18.92	83.84	86.68	17-Mar-13 21:00:00	235.44	10.35	18.92	83.84	87.41
17-Mar-13 22:00:00	17-Mar-13 23:00:00	747.28	0.00	0.00	0.00	2.52	2.1	329.7	246.38	0.00	0.00	0.00	0.83	0.23	10.35	18.92	83.84	86.68	17-Mar-13 22:00:00	246.61	10.35	18.92	83.84	87.51
17-Mar-13 23:00:00	18-Mar-13 00:00:00	762.05	0.00	0.00	0.00	2.84	2.1	329.7	251.25	0.00	0.00	0.00	0.94	0.23	10.35	18.92	83.84	86.68	17-Mar-13 23:00:00	251.48	10.35	18.92	83.84	87.62
18-Mar-13 00:00:00	18-Mar-13 01:00:00	690.66	0.00	0.00	0.00	3.18	2.1	329.7	227.71	0.00	0.00	0.00	1.05	0.23	10.35	18.92	83.84	86.68	18-Mar-13 00:00:00	227.94	10.35	18.92	83.84	87.73
18-Mar-13 01:00:00	18-Mar-13 02:00:00	664.58	0.00	0.00	0.00	3.47	2.1	329.7	219.11	0.00	0.00	0.00	1.14	0.23	10.35	18.92	83.84	86.68	18-Mar-13 01:00:00	219.34	10.35	18.92	83.84	87.82
18-Mar-13 02:00:00	18-Mar-13 03:00:00	606.41	0.00	0.00	0.00	3.76	2.1	329.7	199.92	0.00	0.00	0.00	1.24	0.23	10.35	18.92	83.84	86.68	18-Mar-13 02:00:00	200.16	10.35	18.92	83.84	87.92
18-Mar-13 03:00:00	18-Mar-13 04:00:00	661.29	0.00	0.00	0.00	4.06	2.1	329.7	218.03	0.00	0.00	0.00	1.34	0.23	10.35	18.92	83.84	86.68	18-Mar-13 03:00:00	218.26	10.35	18.92	83.84	88.02
18-Mar-13 04:00:00	18-Mar-13 05:00:00	632.49	0.00	0.00	0.00	4.17	2.1	329.7	208.53	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	18-Mar-13 04:00:00	209.76	10.35	18.92	83.84	88.05
18-Mar-13 05:00:00	18-Mar-13 06:00:00	603.53	0.00	0.00	0.00	4.17	2.1	329.7	198.98	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	18-Mar-13 05:00:00	199.21	10.35	18.92	83.84	88.05
18-Mar-13 06:00:00	18-Mar-13 07:00:00	632.16	0.00	0.00	0.00	4.16	2.1	329.7	208.42	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	18-Mar-13 06:00:00	208.65	10.35	18.92	83.84	88.05
18-Mar-13 07:00:00	18-Mar-13 08:00:00	176.84	0.00	0.00	0.00	4.17	2.1	329.7	58.30	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	18-Mar-13 07:00:00	58.53	10.35	18.92	83.84	88.06
18-Mar-13 08:00:00	18-Mar-13 09:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	18-Mar-13 08:00:00	0.23	10.35	18.92	83.84	88.11
18-Mar-13 09:00:00	18-Mar-13 10:00:00	0.00	0.00	0.00	0.00	4.53	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	18-Mar-13 09:00:00	0.23	10.35	18.92	83.84	88.17
18-Mar-13 10:00:00	18-Mar-13 11:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	18-Mar-13 10:00:00	0.23	10.35	18.92	83.84	88.21
18-Mar-13 11:00:00	18-Mar-13 12:00:00	0.00	1.01	0.00	0.00	4.53	2.1	329.7	0.00	0.33	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	18-Mar-13 11:00:00	0.23	10.68	18.92	83.84	88.17
18-Mar-13 12:00:00	18-Mar-13 13:00:00	0.00	16.26	0.00	0.00	5.94	2.1	329.7	0.00	5.36	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	18-Mar-13 12:00:00	0.23	15.71	18.92	83.84	88.64
18-Mar-13 13:00:00	18-Mar-13 14:00:00	0.00	0.00	0.00	0.00	5.05	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	18-Mar-13 13:00:00	0.23	10.35	18.92	83.84	88.35
18-Mar-13 14:00:00	18-Mar-13 15:00:00	0.00	0.00	0.00	0.00	4.70	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	18-Mar-13 14:00:00	0.23	10.35	18.92	83.84	88.29
18-Mar-13 15:00:00	18-Mar-13 16:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	18-Mar-13 15:00:00	0.23	10.35	18.92	83.84	88.22
18-Mar-13 16:00:00	18-Mar-13 17:00:00	0.12	0.00	0.00	0.00	4.66	2.1	329.7	0.04	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	18-Mar-13 16:00:00	0.27	10.35	18.92	83.84	88.22
18-Mar-13 17:00:00	18-Mar-13 18:00:00	0.00	0.00	0.00	0.00	4.46	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	18-Mar-13 17:00:00	0.23	10.35	18.92	83.84	88.15
18-Mar-13 18:00:00	18-Mar-13 19:00:00	0.00	0.00	0.00	0.00	4.35	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	18-Mar-13 18:00:00	0.23	10.35	18.92	83.84	88.11
18-Mar-13 19:00:00	18-Mar-13 20:00:00	0.00	0.00	0.00	0.00	4.25	2.1	329.7	0.00	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	18-Mar-13 19:00:00	0.23	10.35	18.92	83.84	88.08
18-Mar-13 20:00:00	18-Mar-13 21:00:00	0.00	0.00	0.00	0.00	4.16	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	18-Mar-13 20:00:00	0.23	10.35	18.92	83.84	88.05
18-Mar-13 21:00:00	18-Mar-13 22:00:00	0.00	0.00	0.00	0.00	114.55	2.1	329.7	0.00	0.00	0.00	0.00	37.77	0.23	10.35	18.92	83.84	86.68	18-Mar-13 21:00:00	0.23	10.35	18.92	83.84	124.45
18-Mar-13 22:00:00	18-Mar-13 23:00:00	0.86	0.00	0.00	0.00	4.72	2.1	329.7	0.28	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	18-Mar-13 22:00:00	0.51	10.35	18.92	83.84	88.24
18-Mar-13 23:00:00	19-Mar-13 00:00:00	0.30	0.00	0.00	0.00	4.66	2.1	329.7	0.10	0.00														

21-Mar-13 02:00:00	21-Mar-13 03:00:00	558.64	0.00	0.00	0.00	7.08	2.1	329.7	184.18	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	21-Mar-13 02:00:00	184.41	10.35	18.92	83.84	89.01
21-Mar-13 03:00:00	21-Mar-13 04:00:00	557.35	0.00	0.00	0.00	4.29	2.1	329.7	183.76	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	21-Mar-13 03:00:00	183.99	10.35	18.92	83.84	88.10
21-Mar-13 04:00:00	21-Mar-13 05:00:00	548.08	0.00	0.00	0.00	5.15	2.1	329.7	180.70	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	21-Mar-13 04:00:00	180.93	10.35	18.92	83.84	88.38
21-Mar-13 05:00:00	21-Mar-13 06:00:00	575.58	2.51	0.00	0.00	5.71	2.1	329.7	189.77	0.83	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	21-Mar-13 05:00:00	190.00	11.18	18.92	83.84	88.56
21-Mar-13 06:00:00	21-Mar-13 07:00:00	602.54	2.09	0.00	0.00	7.80	2.1	329.7	198.66	0.69	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	21-Mar-13 06:00:00	198.89	11.04	18.92	83.84	89.25
21-Mar-13 07:00:00	21-Mar-13 08:00:00	49.54	1.77	0.00	0.00	6.22	2.1	329.7	16.33	0.58	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	21-Mar-13 07:00:00	16.56	10.93	18.92	83.84	88.73
21-Mar-13 08:00:00	21-Mar-13 09:00:00	0.00	2.30	0.00	0.00	5.29	2.1	329.7	0.00	0.76	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	21-Mar-13 08:00:00	0.23	11.11	18.92	83.84	89.52
21-Mar-13 09:00:00	21-Mar-13 10:00:00	0.00	2.83	0.00	0.00	7.02	2.1	329.7	0.00	0.93	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	21-Mar-13 09:00:00	0.23	11.28	18.92	83.84	89.99
21-Mar-13 10:00:00	21-Mar-13 11:00:00	0.00	4.08	0.00	0.00	4.33	2.1	329.7	0.00	1.35	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	21-Mar-13 10:00:00	0.23	11.70	18.92	83.84	88.11
21-Mar-13 11:00:00	21-Mar-13 12:00:00	0.00	2.07	0.00	0.00	4.96	2.1	329.7	0.00	0.68	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	21-Mar-13 11:00:00	0.23	11.03	18.92	83.84	88.32
21-Mar-13 12:00:00	21-Mar-13 13:00:00	0.00	0.72	0.00	0.00	6.29	2.1	329.7	0.00	0.24	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	21-Mar-13 12:00:00	0.23	10.59	18.92	83.84	88.75
21-Mar-13 13:00:00	21-Mar-13 14:00:00	0.00	1.37	0.00	0.00	4.51	2.1	329.7	0.00	0.45	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	21-Mar-13 13:00:00	0.23	10.80	18.92	83.84	88.17
21-Mar-13 14:00:00	21-Mar-13 15:00:00	0.00	3.13	0.00	0.00	8.36	2.1	329.7	0.00	1.03	0.00	0.00	2.75	0.23	10.35	18.92	83.84	86.68	21-Mar-13 14:00:00	0.23	11.38	18.92	83.84	89.43
21-Mar-13 15:00:00	21-Mar-13 16:00:00	0.00	6.26	0.00	0.00	5.19	2.1	329.7	0.00	2.06	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	21-Mar-13 15:00:00	0.23	12.41	18.92	83.84	88.39
21-Mar-13 16:00:00	21-Mar-13 17:00:00	0.00	3.27	0.00	0.00	4.45	2.1	329.7	0.00	1.08	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	21-Mar-13 16:00:00	0.23	11.43	18.92	83.84	88.15
21-Mar-13 17:00:00	21-Mar-13 18:00:00	0.00	0.00	0.00	0.00	4.17	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	21-Mar-13 17:00:00	0.23	10.35	18.92	83.84	88.05
21-Mar-13 18:00:00	21-Mar-13 19:00:00	0.00	0.00	0.00	0.00	3.88	2.1	329.7	0.00	0.00	0.00	0.00	1.28	0.23	10.35	18.92	83.84	86.68	21-Mar-13 18:00:00	0.23	10.35	18.92	83.84	87.96
21-Mar-13 19:00:00	21-Mar-13 20:00:00	0.00	0.00	0.00	0.00	3.62	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	21-Mar-13 19:00:00	0.23	10.35	18.92	83.84	87.87
21-Mar-13 20:00:00	21-Mar-13 21:00:00	0.00	0.17	0.00	0.00	3.93	2.1	329.7	0.00	0.06	0.00	0.00	1.26	0.23	10.35	18.92	83.84	86.68	21-Mar-13 20:00:00	0.23	10.41	18.92	83.84	87.94
21-Mar-13 21:00:00	21-Mar-13 22:00:00	0.00	1.37	0.00	0.00	4.22	2.1	329.7	0.00	0.45	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	21-Mar-13 21:00:00	0.23	10.80	18.92	83.84	88.07
21-Mar-13 22:00:00	21-Mar-13 23:00:00	0.00	2.48	0.00	0.00	4.61	2.1	329.7	0.00	0.82	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	21-Mar-13 22:00:00	0.23	11.17	18.92	83.84	88.20
21-Mar-13 23:00:00	22-Mar-13 00:00:00	0.00	3.07	0.00	0.00	5.00	2.1	329.7	0.00	1.01	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	21-Mar-13 23:00:00	0.23	11.36	18.92	83.84	88.33
22-Mar-13 00:00:00	22-Mar-13 01:00:00	0.00	0.75	0.00	0.00	8.88	2.1	329.7	0.00	0.25	0.00	0.00	2.93	0.23	10.35	18.92	83.84	86.68	22-Mar-13 00:00:00	0.23	10.60	18.92	83.84	89.61
22-Mar-13 01:00:00	22-Mar-13 02:00:00	0.00	0.00	0.00	0.00	4.79	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	22-Mar-13 01:00:00	0.23	10.35	18.92	83.84	88.26
22-Mar-13 02:00:00	22-Mar-13 03:00:00	0.23	0.00	0.00	0.00	5.43	2.1	329.7	0.08	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	22-Mar-13 02:00:00	0.31	10.35	18.92	83.84	88.47
22-Mar-13 03:00:00	22-Mar-13 04:00:00	0.20	0.00	0.00	0.00	8.88	2.1	329.7	0.07	0.00	0.00	0.00	2.93	0.23	10.35	18.92	83.84	86.68	22-Mar-13 03:00:00	0.30	10.35	18.92	83.84	89.61
22-Mar-13 04:00:00	22-Mar-13 05:00:00	0.48	0.00	0.00	0.00	7.53	2.1	329.7	0.16	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	22-Mar-13 04:00:00	0.39	10.35	18.92	83.84	89.16
22-Mar-13 05:00:00	22-Mar-13 06:00:00	1.16	0.00	0.00	0.00	6.77	2.1	329.7	0.38	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	22-Mar-13 05:00:00	0.61	10.35	18.92	83.84	88.91
22-Mar-13 06:00:00	22-Mar-13 07:00:00	1.83	0.00	0.00	0.00	7.10	2.1	329.7	0.60	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	22-Mar-13 06:00:00	0.83	10.35	18.92	83.84	89.02
22-Mar-13 07:00:00	22-Mar-13 08:00:00	2.24	0.00	0.00	0.00	8.04	2.1	329.7	0.74	0.00	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	22-Mar-13 07:00:00	0.97	10.35	18.92	83.84	89.33
22-Mar-13 08:00:00	22-Mar-13 09:00:00	1.09	0.00	0.00	0.00	6.41	2.1	329.7	0.36	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	22-Mar-13 08:00:00	0.59	10.35	18.92	83.84	88.79
22-Mar-13 09:00:00	22-Mar-13 10:00:00	0.27	0.00	0.00	0.00	5.89	2.1	329.7	0.09	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	22-Mar-13 09:00:00	0.23	10.35	18.92	83.84	89.63
22-Mar-13 10:00:00	22-Mar-13 11:00:00	0.00	0.00	0.00	0.00	5.36	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	22-Mar-13 10:00:00	0.23	10.35	18.92	83.84	88.45
22-Mar-13 11:00:00	22-Mar-13 12:00:00	0.00	0.00	0.00	0.00	4.85	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	22-Mar-13 11:00:00	0.23	10.35	18.92	83.84	88.28
22-Mar-13 12:00:00	22-Mar-13 13:00:00	0.00	0.02	0.00	0.00	4.50	2.1	329.7	0.00	0.01	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	22-Mar-13 12:00:00	0.23	10.36	18.92	83.84	88.17
22-Mar-13 13:00:00	22-Mar-13 14:00:00	0.00	1.10	0.00	0.00	4.25	2.1	329.7	0.00	0.36	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	22-Mar-13 13:00:00	0.23	10.71	18.92	83.84	88.08
22-Mar-13 14:00:00	22-Mar-13 15:00:00	0.00	0.86	0.00	0.00	3.99	2.1	329.7	0.00	0.28	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	22-Mar-13 14:00:00	0.23	10.63	18.92	83.84	87.99
22-Mar-13 15:00:00	22-Mar-13 16:00:00	0.00	0.00	0.00	0.00	3.74	2.1	329.7	0.00	0.00	0.00	0.00	1.23	0.23	10.35	18.92	83.84	86.68	22-Mar-13 15:00:00	0.23	10.35	18.92	83.84	87.91
22-Mar-13 16:00:00	22-Mar-13 17:00:00	0.00	0.00	0.00	0.00	3.61	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	22-Mar-13 16:00:00	0.23	10.35	18.92	83.84	87.87
22-Mar-13 17:00:00	22-Mar-13 18:00:00	0.00	0.00	0.00	0.00	3.52	2.1	329.7	0.00	0.00	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	22-Mar-13 17:00:00	0.23	10.35	18.92	83.84	87.84
22-Mar-13 18:00:00	22-Mar-13 19:00:00	0.00	0.00	0.00	0.00	3.43	2.1	329.7	0.00	0.00	0.00	0.00	1.13	0.23	10.35	18.92	83.84	86.68	22-Mar-13 18:00:00	0.23	10.35			

24-Mar-13 21:00:00	24-Mar-13 22:00:00	1,536.38	0.00	0.00	0.00	5.30	2.1	329.7	506.55	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	24-Mar-13 21:00:00	506.78	10.35	18.92	83.84	88.43
24-Mar-13 22:00:00	24-Mar-13 23:00:00	1,050.74	0.00	0.00	0.00	5.40	2.1	329.7	346.43	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	24-Mar-13 22:00:00	346.66	10.35	18.92	83.84	88.46
24-Mar-13 23:00:00	25-Mar-13 00:00:00	1,454.93	0.00	0.00	0.00	5.63	2.1	329.7	479.69	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	24-Mar-13 23:00:00	479.92	10.35	18.92	83.84	88.54
25-Mar-13 00:00:00	25-Mar-13 01:00:00	1,764.55	0.00	0.00	0.00	5.82	2.1	329.7	581.77	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	25-Mar-13 00:00:00	582.00	10.35	18.92	83.84	88.60
25-Mar-13 01:00:00	25-Mar-13 02:00:00	1,460.16	0.00	0.00	0.00	6.01	2.1	329.7	481.42	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	25-Mar-13 01:00:00	481.65	10.35	18.92	83.84	88.66
25-Mar-13 02:00:00	25-Mar-13 03:00:00	1,346.82	0.00	0.00	0.00	6.22	2.1	329.7	444.94	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	25-Mar-13 02:00:00	444.27	10.35	18.92	83.84	88.73
25-Mar-13 03:00:00	25-Mar-13 04:00:00	1,095.52	0.00	0.00	0.00	6.43	2.1	329.7	430.43	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	25-Mar-13 03:00:00	430.66	10.35	18.92	83.84	88.79
25-Mar-13 04:00:00	25-Mar-13 05:00:00	1,549.01	0.00	0.00	0.00	6.38	2.1	329.7	510.71	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	25-Mar-13 04:00:00	510.94	10.35	18.92	83.84	88.78
25-Mar-13 05:00:00	25-Mar-13 06:00:00	1,598.52	0.00	0.00	0.00	6.41	2.1	329.7	527.03	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	25-Mar-13 05:00:00	527.26	10.35	18.92	83.84	88.79
25-Mar-13 06:00:00	25-Mar-13 07:00:00	1,611.49	0.00	0.00	0.00	6.42	2.1	329.7	531.31	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	25-Mar-13 06:00:00	531.54	10.35	18.92	83.84	88.80
25-Mar-13 07:00:00	25-Mar-13 08:00:00	1,487.91	0.00	0.00	0.00	6.45	2.1	329.7	490.57	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	25-Mar-13 07:00:00	490.80	10.35	18.92	83.84	88.81
25-Mar-13 08:00:00	25-Mar-13 09:00:00	988.51	0.00	0.00	0.00	6.54	2.1	329.7	325.91	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	25-Mar-13 08:00:00	326.14	10.35	18.92	83.84	88.84
25-Mar-13 09:00:00	25-Mar-13 10:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	25-Mar-13 09:00:00	0.23	10.35	18.92	83.84	88.87
25-Mar-13 10:00:00	25-Mar-13 11:00:00	0.00	0.00	0.00	0.00	6.77	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	25-Mar-13 10:00:00	0.23	10.35	18.92	83.84	88.91
25-Mar-13 11:00:00	25-Mar-13 12:00:00	161.90	0.00	0.00	0.00	6.75	2.1	329.7	53.38	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	25-Mar-13 11:00:00	53.61	10.35	18.92	83.84	88.90
25-Mar-13 12:00:00	25-Mar-13 13:00:00	478.27	0.00	0.00	0.00	6.56	2.1	329.7	157.69	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	25-Mar-13 12:00:00	157.92	10.35	18.92	83.84	88.84
25-Mar-13 13:00:00	25-Mar-13 14:00:00	387.48	0.00	0.00	0.00	6.37	2.1	329.7	127.75	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	25-Mar-13 13:00:00	127.98	10.35	18.92	83.84	88.78
25-Mar-13 14:00:00	25-Mar-13 15:00:00	471.82	0.00	0.00	0.00	6.25	2.1	329.7	155.56	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	25-Mar-13 14:00:00	155.79	10.35	18.92	83.84	88.74
25-Mar-13 15:00:00	25-Mar-13 16:00:00	639.31	0.00	0.00	0.00	6.28	2.1	329.7	210.78	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	25-Mar-13 15:00:00	211.01	10.35	18.92	83.84	88.75
25-Mar-13 16:00:00	25-Mar-13 17:00:00	585.44	0.00	0.00	0.00	6.25	2.1	329.7	196.32	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	25-Mar-13 16:00:00	196.55	10.35	18.92	83.84	88.74
25-Mar-13 17:00:00	25-Mar-13 18:00:00	990.49	0.00	0.00	0.00	6.21	2.1	329.7	326.56	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	25-Mar-13 17:00:00	326.79	10.35	18.92	83.84	88.73
25-Mar-13 18:00:00	25-Mar-13 19:00:00	1,885.21	0.00	0.00	0.00	6.18	2.1	329.7	621.55	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	25-Mar-13 18:00:00	621.78	10.35	18.92	83.84	88.72
25-Mar-13 19:00:00	25-Mar-13 20:00:00	1,692.85	0.00	0.00	0.00	6.00	2.1	329.7	558.13	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	25-Mar-13 19:00:00	558.36	10.35	18.92	83.84	88.66
25-Mar-13 20:00:00	25-Mar-13 21:00:00	1,584.60	0.00	0.00	0.00	5.75	2.1	329.7	522.44	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	25-Mar-13 20:00:00	522.67	10.35	18.92	83.84	88.58
25-Mar-13 21:00:00	25-Mar-13 22:00:00	1,858.61	0.00	0.00	0.00	5.50	2.1	329.7	612.79	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	25-Mar-13 21:00:00	612.02	10.35	18.92	83.84	88.49
25-Mar-13 22:00:00	25-Mar-13 23:00:00	1,709.02	0.00	0.00	0.00	5.26	2.1	329.7	564.47	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	25-Mar-13 22:00:00	563.70	10.35	18.92	83.84	88.42
25-Mar-13 23:00:00	26-Mar-13 00:00:00	1,925.84	0.00	0.00	0.00	5.31	2.1	329.7	634.95	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	25-Mar-13 23:00:00	635.18	10.35	18.92	83.84	88.43
26-Mar-13 00:00:00	26-Mar-13 01:00:00	1,624.58	0.00	0.00	0.00	5.46	2.1	329.7	535.62	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	26-Mar-13 00:00:00	535.85	10.35	18.92	83.84	88.48
26-Mar-13 01:00:00	26-Mar-13 02:00:00	1,599.93	0.00	0.00	0.00	5.61	2.1	329.7	527.50	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	26-Mar-13 01:00:00	527.73	10.35	18.92	83.84	88.53
26-Mar-13 02:00:00	26-Mar-13 03:00:00	1,429.90	0.00	0.00	0.00	5.81	2.1	329.7	471.44	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	26-Mar-13 02:00:00	471.67	10.35	18.92	83.84	88.60
26-Mar-13 03:00:00	26-Mar-13 04:00:00	1,315.35	0.00	0.00	0.00	6.04	2.1	329.7	433.67	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	26-Mar-13 03:00:00	433.90	10.35	18.92	83.84	88.67
26-Mar-13 04:00:00	26-Mar-13 05:00:00	1,388.70	0.00	0.00	0.00	6.09	2.1	329.7	457.86	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	26-Mar-13 04:00:00	458.09	10.35	18.92	83.84	88.72
26-Mar-13 05:00:00	26-Mar-13 06:00:00	1,445.46	0.00	0.00	0.00	6.23	2.1	329.7	476.57	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	26-Mar-13 05:00:00	476.80	10.35	18.92	83.84	88.77
26-Mar-13 06:00:00	26-Mar-13 07:00:00	1,717.26	0.00	0.00	0.00	6.31	2.1	329.7	566.18	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	26-Mar-13 06:00:00	566.41	10.35	18.92	83.84	88.76
26-Mar-13 07:00:00	26-Mar-13 08:00:00	1,723.83	0.63	0.00	0.00	6.22	2.1	329.7	568.35	0.21	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	26-Mar-13 07:00:00	568.58	10.56	18.92	83.84	88.73
26-Mar-13 08:00:00	26-Mar-13 09:00:00	1,781.18	0.60	0.00	0.00	6.08	2.1	329.7	587.25	0.20	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	26-Mar-13 08:00:00	587.48	10.56	18.92	83.84	88.68
26-Mar-13 09:00:00	26-Mar-13 10:00:00	1,852.14	0.40	0.00	0.00	5.94	2.1	329.7	610.65	0.13	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	26-Mar-13 09:00:00	610.88	10.48	18.92	83.84	88.64
26-Mar-13 10:00:00	26-Mar-13 11:00:00	1,789.21	0.21	0.00	0.00	5.82	2.1	329.7	589.90	0.07	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	26-Mar-13 10:00:00	590.13	10.42	18.92	83.84	88.60
26-Mar-13 11:00:00	26-Mar-13 12:00:00	1,250.92	0.03	0.00	0.00	5.71	2.1	329.7	412.43	0.01	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	26-Mar-13 11:00:00	412.66	10.36	18.92	83.84	88.56
26-Mar-13 12:00:00	26-Mar-13 13:00:00	1,543.87	0.00	0.00	0.00	5.54	2.1	329.7	509.01	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	26-Mar-13 12:00:00	509.24	10.35	18.92	83.84	88.51
26-Mar-1																								

28-Mar-13 16:00:00	28-Mar-13 17:00:00	1,932.86	0.00	0.00	0.00	4.25	2.1	329.7	637.27	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	28-Mar-13 16:00:00	637.50	10.35	18.92	83.84	88.08
28-Mar-13 17:00:00	28-Mar-13 18:00:00	1,951.27	0.00	0.00	0.00	4.17	2.1	329.7	643.33	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	28-Mar-13 17:00:00	643.56	10.35	18.92	83.84	88.06
28-Mar-13 18:00:00	28-Mar-13 19:00:00	1,924.10	0.00	0.00	0.00	4.09	2.1	329.7	634.38	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	28-Mar-13 18:00:00	634.61	10.35	18.92	83.84	88.03
28-Mar-13 19:00:00	28-Mar-13 20:00:00	1,909.43	0.00	0.00	0.00	4.12	2.1	329.7	629.54	0.00	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	28-Mar-13 19:00:00	629.77	10.35	18.92	83.84	88.04
28-Mar-13 20:00:00	28-Mar-13 21:00:00	1,364.54	0.00	0.00	0.00	4.40	2.1	329.7	449.89	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	28-Mar-13 20:00:00	450.12	10.35	18.92	83.84	88.13
28-Mar-13 21:00:00	28-Mar-13 22:00:00	1,323.59	0.00	0.00	0.00	4.67	2.1	329.7	436.39	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	28-Mar-13 21:00:00	436.62	10.35	18.92	83.84	88.22
28-Mar-13 22:00:00	28-Mar-13 23:00:00	1,745.12	0.00	0.00	0.00	4.65	2.1	329.7	575.37	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	28-Mar-13 22:00:00	575.60	10.35	18.92	83.84	88.23
28-Mar-13 23:00:00	29-Mar-13 00:00:00	1,866.90	0.00	0.00	0.00	5.29	2.1	329.7	615.52	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	28-Mar-13 23:00:00	615.75	10.35	18.92	83.84	88.42
29-Mar-13 00:00:00	29-Mar-13 01:00:00	1,601.08	0.00	0.00	0.00	5.60	2.1	329.7	527.88	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	29-Mar-13 00:00:00	528.11	10.35	18.92	83.84	88.53
29-Mar-13 01:00:00	29-Mar-13 02:00:00	1,374.12	0.00	0.00	0.00	5.89	2.1	329.7	453.05	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	29-Mar-13 01:00:00	453.28	10.35	18.92	83.84	88.62
29-Mar-13 02:00:00	29-Mar-13 03:00:00	1,704.47	0.00	0.00	0.00	6.18	2.1	329.7	561.96	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	29-Mar-13 02:00:00	562.19	10.35	18.92	83.84	88.72
29-Mar-13 03:00:00	29-Mar-13 04:00:00	1,780.87	0.00	0.00	0.00	6.38	2.1	329.7	587.15	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	29-Mar-13 03:00:00	587.38	10.35	18.92	83.84	88.78
29-Mar-13 04:00:00	29-Mar-13 05:00:00	2,007.63	3.52	0.00	0.00	6.47	2.1	329.7	661.92	1.16	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	29-Mar-13 04:00:00	662.15	11.51	18.92	83.84	88.81
29-Mar-13 05:00:00	29-Mar-13 06:00:00	1,908.83	1.40	0.00	0.00	6.56	2.1	329.7	629.34	0.46	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	29-Mar-13 05:00:00	629.57	10.81	18.92	83.84	88.84
29-Mar-13 06:00:00	29-Mar-13 07:00:00	1,771.01	0.75	0.00	0.00	6.65	2.1	329.7	583.90	0.25	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	29-Mar-13 06:00:00	584.13	10.60	18.92	83.84	88.87
29-Mar-13 07:00:00	29-Mar-13 08:00:00	1,637.34	0.46	0.00	0.00	6.60	2.1	329.7	539.83	0.15	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	29-Mar-13 07:00:00	540.06	10.50	18.92	83.84	88.86
29-Mar-13 08:00:00	29-Mar-13 09:00:00	1,847.27	0.17	0.00	0.00	6.25	2.1	329.7	605.05	0.06	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Mar-13 08:00:00	605.28	10.41	18.92	83.84	88.74
29-Mar-13 09:00:00	29-Mar-13 10:00:00	1,775.63	0.00	0.00	0.00	5.89	2.1	329.7	589.45	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	29-Mar-13 09:00:00	585.66	10.35	18.92	83.84	88.62
29-Mar-13 10:00:00	29-Mar-13 11:00:00	1,495.24	0.00	0.00	0.00	5.53	2.1	329.7	492.98	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	29-Mar-13 10:00:00	493.21	10.35	18.92	83.84	88.50
29-Mar-13 11:00:00	29-Mar-13 12:00:00	1,515.10	0.00	0.00	0.00	5.20	2.1	329.7	499.52	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	29-Mar-13 11:00:00	499.76	10.35	18.92	83.84	88.39
29-Mar-13 12:00:00	29-Mar-13 13:00:00	1,571.65	0.00	0.00	0.00	4.91	2.1	329.7	518.17	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	29-Mar-13 12:00:00	518.40	10.35	18.92	83.84	88.30
29-Mar-13 13:00:00	29-Mar-13 14:00:00	1,401.51	0.00	231.73	0.00	4.62	2.1	329.7	462.08	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	29-Mar-13 13:00:00	462.31	10.35	95.22	83.84	88.20
29-Mar-13 14:00:00	29-Mar-13 15:00:00	1,368.30	0.00	1,536.06	0.00	4.33	2.1	329.7	451.13	0.00	506.44	0.00	1.43	0.23	10.35	18.92	83.84	86.68	29-Mar-13 14:00:00	451.36	10.35	525.36	83.84	88.11
29-Mar-13 15:00:00	29-Mar-13 16:00:00	1,559.84	0.00	1,569.50	0.00	4.16	2.1	329.7	514.28	0.00	517.46	0.00	1.37	0.23	10.35	18.92	83.84	86.68	29-Mar-13 15:00:00	514.51	10.35	536.38	83.84	88.05
29-Mar-13 16:00:00	29-Mar-13 17:00:00	1,317.60	0.00	1,586.67	0.00	4.14	2.1	329.7	434.41	0.00	523.12	0.00	1.37	0.23	10.35	18.92	83.84	86.68	29-Mar-13 16:00:00	434.64	10.35	542.04	83.84	88.05
29-Mar-13 17:00:00	29-Mar-13 18:00:00	1,255.41	0.00	1,597.64	0.00	4.12	2.1	329.7	413.91	0.00	526.74	0.00	1.36	0.23	10.35	18.92	83.84	86.68	29-Mar-13 17:00:00	414.14	10.35	545.66	83.84	88.04
29-Mar-13 18:00:00	29-Mar-13 19:00:00	1,388.52	0.00	1,600.94	0.00	4.09	2.1	329.7	457.79	0.00	527.83	0.00	1.35	0.23	10.35	18.92	83.84	86.68	29-Mar-13 18:00:00	458.02	10.35	546.75	83.84	88.03
29-Mar-13 19:00:00	29-Mar-13 20:00:00	1,328.90	0.00	1,603.88	0.00	4.13	2.1	329.7	438.14	0.00	528.80	0.00	1.36	0.23	10.35	18.92	83.84	86.68	29-Mar-13 19:00:00	438.37	10.35	547.72	83.84	88.04
29-Mar-13 20:00:00	29-Mar-13 21:00:00	1,452.55	0.00	1,604.84	0.00	4.23	2.1	329.7	478.91	0.00	529.12	0.00	1.41	0.23	10.35	18.92	83.84	86.68	29-Mar-13 20:00:00	479.14	10.35	548.04	83.84	88.09
29-Mar-13 21:00:00	29-Mar-13 22:00:00	1,314.57	0.00	1,607.09	0.00	4.40	2.1	329.7	434.41	0.00	529.86	0.00	1.45	0.23	10.35	18.92	83.84	86.68	29-Mar-13 21:00:00	434.64	10.35	548.78	83.84	88.13
29-Mar-13 22:00:00	29-Mar-13 23:00:00	1,398.58	0.00	1,605.36	0.00	4.54	2.1	329.7	461.11	0.00	529.29	0.00	1.50	0.23	10.35	18.92	83.84	86.68	29-Mar-13 22:00:00	461.34	10.35	548.21	83.84	88.18
29-Mar-13 23:00:00	30-Mar-13 00:00:00	1,604.59	0.00	1,601.59	0.00	4.69	2.1	329.7	426.86	0.00	529.03	0.00	1.52	0.23	10.35	18.92	83.84	86.68	29-Mar-13 23:00:00	427.06	10.35	547.92	83.84	88.23
30-Mar-13 00:00:00	30-Mar-13 01:00:00	1,269.33	0.00	1,601.79	0.00	4.83	2.1	329.7	418.50	0.00	528.11	0.00	1.59	0.23	10.35	18.92	83.84	86.68	30-Mar-13 00:00:00	418.73	10.35	547.03	83.84	88.27
30-Mar-13 01:00:00	30-Mar-13 02:00:00	1,303.29	0.00	1,598.41	0.00	4.96	2.1	329.7	429.69	0.00	526.99	0.00	1.64	0.23	10.35	18.92	83.84	86.68	30-Mar-13 01:00:00	429.92	10.35	545.91	83.84	88.32
30-Mar-13 02:00:00	30-Mar-13 03:00:00	1,411.38	0.00	1,533.50	0.00	5.10	2.1	329.7	465.33	0.00	505.60	0.00	1.68	0.23	10.35	18.92	83.84	86.68	30-Mar-13 02:00:00	465.56	10.35	524.52	83.84	88.36
30-Mar-13 03:00:00	30-Mar-13 04:00:00	1,304.62	0.00	1,582.75	0.00	5.24	2.1	329.7	430.13	0.00	521.83	0.00	1.73	0.23	10.35	18.92	83.84	86.68	30-Mar-13 03:00:00	430.36	10.35	540.75	83.84	88.41
30-Mar-13 04:00:00	30-Mar-13 05:00:00	1,323.30	0.00	1,596.70	0.00	5.36	2.1	329.7	436.29	0.00	526.43	0.00	1.77	0.23	10.35	18.92	83.84	86.68	30-Mar-13 04:00:00	436.52	10.35	545.35	83.84	88.45
30-Mar-13 05:00:00	30-Mar-13 06:00:00	1,386.09	0.00	1,593.36	0.00	5.48	2.1	329.7	456.99	0.00	525.33	0.00	1.81	0.23	10.35	18.92	83.84	86.68	30-Mar-13 05:00:00	457.22	10.35	544.25	83.84	88.49
30-Mar-13 06:00:00	30-Mar-13 07:00:00	1,334.89	0.00	1,590.58	0.00	5.60	2.1	329.7	440.11	0.00	524.41	0.00	1.85	0.23	10.35	18.92	83.84	86.68	30-Mar-13 06:00:00	440.34	10.35	543.33	83.84	88.53
30-Mar-13 07:00:00	30-Mar-13 08:00:00	1,405.32	0.00	53.00	0.00	5.65	2.1	329.7	463.33	0.00	17.47	0.00												

05-Apr-13 06:00:00	05-Apr-13 07:00:00	0.00	2.28	0.00	0.00	6.80	2.1	329.7	0.00	0.75	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	05-Apr-13 06:00:00	0.23	11.10	18.92	83.84	88.92
05-Apr-13 07:00:00	05-Apr-13 08:00:00	0.00	0.21	0.00	0.00	6.46	2.1	329.7	0.00	0.07	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	05-Apr-13 07:00:00	0.23	10.42	18.92	83.84	88.81
05-Apr-13 08:00:00	05-Apr-13 09:00:00	0.00	0.44	0.00	0.00	6.42	2.1	329.7	0.00	0.15	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	05-Apr-13 08:00:00	0.23	10.50	18.92	83.84	88.80
05-Apr-13 09:00:00	05-Apr-13 10:00:00	0.00	0.67	25.66	0.00	6.39	2.1	329.7	0.00	0.22	8.46	0.00	2.11	0.23	10.35	18.92	83.84	86.68	05-Apr-13 09:00:00	0.23	10.57	27.38	83.84	88.79
05-Apr-13 10:00:00	05-Apr-13 11:00:00	0.00	1.17	22.15	0.00	7.01	2.1	329.7	0.00	0.39	7.30	0.00	2.31	0.23	10.35	18.92	83.84	86.68	05-Apr-13 10:00:00	0.23	10.74	26.22	83.84	88.99
05-Apr-13 11:00:00	05-Apr-13 12:00:00	0.00	0.85	14.64	0.00	7.33	2.1	329.7	0.00	0.28	4.83	0.00	2.42	0.23	10.35	18.92	83.84	86.68	05-Apr-13 11:00:00	0.23	10.63	23.75	83.84	89.10
05-Apr-13 12:00:00	05-Apr-13 13:00:00	0.00	0.86	0.00	0.00	6.92	2.1	329.7	0.00	0.28	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	05-Apr-13 12:00:00	0.23	10.63	0.00	83.84	89.66
05-Apr-13 13:00:00	05-Apr-13 14:00:00	0.00	0.14	0.00	0.00	5.73	2.1	329.7	0.00	0.05	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	05-Apr-13 13:00:00	0.23	10.40	18.92	83.84	88.57
05-Apr-13 14:00:00	05-Apr-13 15:00:00	0.00	0.00	0.00	0.00	5.44	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	05-Apr-13 14:00:00	0.23	10.35	18.92	83.84	88.47
05-Apr-13 15:00:00	05-Apr-13 16:00:00	0.00	0.00	0.00	0.00	6.14	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	05-Apr-13 15:00:00	0.23	10.35	18.92	83.84	88.71
05-Apr-13 16:00:00	05-Apr-13 17:00:00	0.00	1.01	0.00	0.00	5.46	2.1	329.7	0.00	0.33	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	05-Apr-13 16:00:00	0.23	10.68	18.92	83.84	88.48
05-Apr-13 17:00:00	05-Apr-13 18:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	05-Apr-13 17:00:00	0.23	10.35	18.92	83.84	88.53
05-Apr-13 18:00:00	05-Apr-13 19:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	05-Apr-13 18:00:00	0.23	10.35	18.92	83.84	88.54
05-Apr-13 19:00:00	05-Apr-13 20:00:00	0.00	0.00	0.00	0.00	4.84	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	05-Apr-13 19:00:00	0.23	10.35	18.92	83.84	88.28
05-Apr-13 20:00:00	05-Apr-13 21:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	05-Apr-13 20:00:00	0.23	10.35	18.92	83.84	88.51
05-Apr-13 21:00:00	05-Apr-13 22:00:00	0.00	0.00	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	05-Apr-13 21:00:00	0.23	10.35	18.92	83.84	88.91
05-Apr-13 22:00:00	05-Apr-13 23:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	05-Apr-13 22:00:00	0.23	10.35	18.92	83.84	88.58
05-Apr-13 23:00:00	06-Apr-13 00:00:00	0.00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	05-Apr-13 23:00:00	0.23	10.35	18.92	83.84	88.67
06-Apr-13 00:00:00	06-Apr-13 01:00:00	0.00	0.00	0.00	0.00	6.79	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	06-Apr-13 00:00:00	0.23	10.35	18.92	83.84	88.92
06-Apr-13 01:00:00	06-Apr-13 02:00:00	0.00	0.07	0.00	0.00	6.77	2.1	329.7	0.00	0.02	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	06-Apr-13 01:00:00	0.23	10.37	18.92	83.84	89.91
06-Apr-13 02:00:00	06-Apr-13 03:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	06-Apr-13 02:00:00	0.23	10.35	18.92	83.84	88.89
06-Apr-13 03:00:00	06-Apr-13 04:00:00	0.00	0.00	0.00	0.00	7.23	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	06-Apr-13 03:00:00	0.23	10.35	18.92	83.84	89.06
06-Apr-13 04:00:00	06-Apr-13 05:00:00	0.00	0.00	0.00	0.00	7.42	2.1	329.7	0.00	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	06-Apr-13 04:00:00	0.23	10.35	18.92	83.84	89.12
06-Apr-13 05:00:00	06-Apr-13 06:00:00	0.00	0.03	0.00	0.00	7.21	2.1	329.7	0.00	0.01	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	06-Apr-13 05:00:00	0.23	10.36	18.92	83.84	89.06
06-Apr-13 06:00:00	06-Apr-13 07:00:00	0.00	0.18	0.00	0.00	7.49	2.1	329.7	0.00	0.06	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	06-Apr-13 06:00:00	0.23	10.41	18.92	83.84	89.15
06-Apr-13 07:00:00	06-Apr-13 08:00:00	0.00	0.22	0.00	0.00	6.70	2.1	329.7	0.00	0.07	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	06-Apr-13 07:00:00	0.23	10.42	18.92	83.84	88.89
06-Apr-13 08:00:00	06-Apr-13 09:00:00	0.00	0.00	0.00	0.00	7.88	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	06-Apr-13 08:00:00	0.23	10.35	18.92	83.84	89.28
06-Apr-13 09:00:00	06-Apr-13 10:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	06-Apr-13 09:00:00	0.23	10.35	18.92	83.84	88.82
06-Apr-13 10:00:00	06-Apr-13 11:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	06-Apr-13 10:00:00	0.23	10.35	18.92	83.84	88.68
06-Apr-13 11:00:00	06-Apr-13 12:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	06-Apr-13 11:00:00	0.23	10.35	18.92	83.84	88.54
06-Apr-13 12:00:00	06-Apr-13 13:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	06-Apr-13 12:00:00	0.23	10.35	18.92	83.84	88.40
06-Apr-13 13:00:00	06-Apr-13 14:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	06-Apr-13 13:00:00	0.23	10.35	18.92	83.84	89.46
06-Apr-13 14:00:00	06-Apr-13 15:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	06-Apr-13 14:00:00	0.23	10.35	18.92	83.84	88.76
06-Apr-13 15:00:00	06-Apr-13 16:00:00	0.00	0.00	0.00	0.00	4.90	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	06-Apr-13 15:00:00	0.23	10.35	18.92	83.84	88.30
06-Apr-13 16:00:00	06-Apr-13 17:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	06-Apr-13 16:00:00	0.23	10.35	18.92	83.84	88.72
06-Apr-13 17:00:00	06-Apr-13 18:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	06-Apr-13 17:00:00	0.23	10.35	18.92	83.84	88.50
06-Apr-13 18:00:00	06-Apr-13 19:00:00	0.00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	06-Apr-13 18:00:00	0.23	10.35	18.92	83.84	88.41
06-Apr-13 19:00:00	06-Apr-13 20:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	06-Apr-13 19:00:00	0.23	10.35	18.92	83.84	88.51
06-Apr-13 20:00:00	06-Apr-13 21:00:00	0.00	0.00	0.00	0.00	7.84	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	06-Apr-13 20:00:00	0.23	10.35	18.92	83.84	89.26
06-Apr-13 21:00:00	06-Apr-13 22:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	06-Apr-13 21:00:00	0.23	10.35	18.92	83.84	88.71
06-Apr-13 22:00:00	06-Apr-13 23:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	06-Apr-13 22:00:00	0.23	10.35	18.92	83.84	88.88

09-Apr-13 01:00:00	09-Apr-13 02:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	09-Apr-13 01:00:00	0.23	10.35	18.92	83.84	88.53
09-Apr-13 02:00:00	09-Apr-13 03:00:00	0.00	0.00	0.00	0.00	6.12	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	09-Apr-13 02:00:00	0.23	10.35	18.92	83.84	88.70
09-Apr-13 03:00:00	09-Apr-13 04:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	09-Apr-13 03:00:00	0.23	10.35	18.92	83.84	88.67
09-Apr-13 04:00:00	09-Apr-13 05:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	09-Apr-13 04:00:00	0.23	10.35	18.92	83.84	88.74
09-Apr-13 05:00:00	09-Apr-13 06:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	09-Apr-13 05:00:00	0.23	10.35	18.92	83.84	88.81
09-Apr-13 06:00:00	09-Apr-13 07:00:00	0.00	0.00	0.00	0.00	49.36	2.1	329.7	0.00	0.00	0.00	0.00	16.27	0.23	10.35	18.92	83.84	86.68	09-Apr-13 06:00:00	0.23	10.35	18.92	83.84	102.95
09-Apr-13 07:00:00	09-Apr-13 08:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	09-Apr-13 07:00:00	0.23	10.35	18.92	83.84	88.87
09-Apr-13 08:00:00	09-Apr-13 09:00:00	0.00	0.00	0.00	0.00	6.61	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	09-Apr-13 08:00:00	0.23	10.35	18.92	83.84	88.86
09-Apr-13 09:00:00	09-Apr-13 10:00:00	0.00	6.13	0.00	0.00	6.59	2.1	329.7	0.00	2.02	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	09-Apr-13 09:00:00	0.23	12.37	18.92	83.84	88.85
09-Apr-13 10:00:00	09-Apr-13 11:00:00	0.00	216.13	0.00	0.00	6.52	2.1	329.7	0.00	71.26	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	09-Apr-13 10:00:00	0.23	81.61	18.92	83.84	88.83
09-Apr-13 11:00:00	09-Apr-13 12:00:00	0.00	225.91	0.00	0.00	6.25	2.1	329.7	0.00	74.48	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	09-Apr-13 11:00:00	0.23	84.83	18.92	83.84	88.74
09-Apr-13 12:00:00	09-Apr-13 13:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	09-Apr-13 12:00:00	0.23	10.35	18.92	83.84	88.68
09-Apr-13 13:00:00	09-Apr-13 14:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	09-Apr-13 13:00:00	0.23	10.35	18.92	83.84	88.62
09-Apr-13 14:00:00	09-Apr-13 15:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	09-Apr-13 14:00:00	0.23	10.35	18.92	83.84	88.57
09-Apr-13 15:00:00	09-Apr-13 16:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	09-Apr-13 15:00:00	0.23	10.35	18.92	83.84	88.53
09-Apr-13 16:00:00	09-Apr-13 17:00:00	0.00	0.00	0.00	0.00	5.36	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	09-Apr-13 16:00:00	0.23	10.35	18.92	83.84	88.45
09-Apr-13 17:00:00	09-Apr-13 18:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	09-Apr-13 17:00:00	0.23	10.35	18.92	83.84	88.37
09-Apr-13 18:00:00	09-Apr-13 19:00:00	0.00	0.00	0.00	0.00	4.85	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	09-Apr-13 18:00:00	0.23	10.35	18.92	83.84	88.28
09-Apr-13 19:00:00	09-Apr-13 20:00:00	0.00	0.00	0.00	0.00	4.99	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	09-Apr-13 19:00:00	0.23	10.35	18.92	83.84	88.33
09-Apr-13 20:00:00	09-Apr-13 21:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	09-Apr-13 20:00:00	0.23	10.35	18.92	83.84	88.46
09-Apr-13 21:00:00	09-Apr-13 22:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	09-Apr-13 21:00:00	0.23	10.35	18.92	83.84	88.60
09-Apr-13 22:00:00	09-Apr-13 23:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	09-Apr-13 22:00:00	0.23	10.35	18.92	83.84	88.77
09-Apr-13 23:00:00	10-Apr-13 00:00:00	0.00	0.00	0.00	0.00	5.05	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	09-Apr-13 23:00:00	0.23	10.35	18.92	83.84	88.35
10-Apr-13 00:00:00	10-Apr-13 01:00:00	0.00	0.00	0.00	0.00	5.16	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	10-Apr-13 00:00:00	0.23	10.35	18.92	83.84	88.38
10-Apr-13 01:00:00	10-Apr-13 02:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	10-Apr-13 01:00:00	0.23	10.35	18.92	83.84	88.42
10-Apr-13 02:00:00	10-Apr-13 03:00:00	0.00	0.00	24.22	0.00	5.34	2.1	329.7	0.00	0.00	7.99	0.00	1.76	0.23	10.35	18.92	83.84	86.68	10-Apr-13 02:00:00	0.23	10.35	26.91	83.84	88.44
10-Apr-13 03:00:00	10-Apr-13 04:00:00	0.00	0.00	0.00	0.00	7.80	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	10-Apr-13 03:00:00	0.23	10.35	18.92	83.84	89.25
10-Apr-13 04:00:00	10-Apr-13 05:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	10-Apr-13 04:00:00	0.23	10.35	18.92	83.84	88.88
10-Apr-13 05:00:00	10-Apr-13 06:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	10-Apr-13 05:00:00	0.23	10.35	18.92	83.84	88.63
10-Apr-13 06:00:00	10-Apr-13 07:00:00	0.00	0.00	0.00	0.00	5.90	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	10-Apr-13 06:00:00	0.23	10.35	18.92	83.84	88.63
10-Apr-13 07:00:00	10-Apr-13 08:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	10-Apr-13 07:00:00	0.23	10.35	18.92	83.84	88.66
10-Apr-13 08:00:00	10-Apr-13 09:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	10-Apr-13 08:00:00	0.23	10.35	18.92	83.84	88.54
10-Apr-13 09:00:00	10-Apr-13 10:00:00	0.00	0.00	0.00	0.00	5.51	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	10-Apr-13 09:00:00	0.23	10.35	18.92	83.84	88.50
10-Apr-13 10:00:00	10-Apr-13 11:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	10-Apr-13 10:00:00	0.23	10.35	18.92	83.84	88.45
10-Apr-13 11:00:00	10-Apr-13 12:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	10-Apr-13 11:00:00	0.23	10.35	18.92	83.84	88.43
10-Apr-13 12:00:00	10-Apr-13 13:00:00	0.00	0.00	0.00	0.00	4.87	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	10-Apr-13 12:00:00	0.23	10.35	18.92	83.84	88.28
10-Apr-13 13:00:00	10-Apr-13 14:00:00	0.00	0.00	0.00	0.00	4.60	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	10-Apr-13 13:00:00	0.23	10.35	18.92	83.84	88.20
10-Apr-13 14:00:00	10-Apr-13 15:00:00	0.00	0.00	0.00	0.00	4.34	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	10-Apr-13 14:00:00	0.23	10.35	18.92	83.84	88.11
10-Apr-13 15:00:00	10-Apr-13 16:00:00	0.00	0.00	0.00	0.00	4.27	2.1	329.7	0.00	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	10-Apr-13 15:00:00	0.23	10.35	18.92	83.84	88.09
10-Apr-13 16:00:00	10-Apr-13 17:00:00	0.00	0.00	0.00	0.00	4.57	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	10-Apr-13 16:00:00	0.23	10.35	18.92	83.84	88.19
10-Apr-13 17:00:00	10-Apr-13 18:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	10-Apr-13 17:00:00	0.23	10.35	18.92	83.84	8

20-Apr-13 10:00:00	20-Apr-13 11:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	20-Apr-13 10:00:00	0.23	10.35	18.92	83.84	88.79
20-Apr-13 11:00:00	20-Apr-13 12:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	20-Apr-13 11:00:00	0.23	10.35	18.92	83.84	88.86
20-Apr-13 12:00:00	20-Apr-13 13:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	20-Apr-13 12:00:00	0.23	10.35	18.92	83.84	88.76
20-Apr-13 13:00:00	20-Apr-13 14:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	20-Apr-13 13:00:00	0.23	10.35	18.92	83.84	88.66
20-Apr-13 14:00:00	20-Apr-13 15:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	20-Apr-13 14:00:00	0.23	10.35	18.92	83.84	88.57
20-Apr-13 15:00:00	20-Apr-13 16:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	20-Apr-13 15:00:00	0.23	10.35	18.92	83.84	88.59
20-Apr-13 16:00:00	20-Apr-13 17:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	20-Apr-13 16:00:00	0.23	10.35	18.92	83.84	88.54
20-Apr-13 17:00:00	20-Apr-13 18:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	20-Apr-13 17:00:00	0.23	10.35	18.92	83.84	88.74
20-Apr-13 18:00:00	20-Apr-13 19:00:00	0.00	0.00	0.00	0.00	6.70	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	20-Apr-13 18:00:00	0.23	10.35	18.92	83.84	88.89
20-Apr-13 19:00:00	20-Apr-13 20:00:00	0.00	0.00	0.00	0.00	5.55	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	20-Apr-13 19:00:00	0.23	10.35	18.92	83.84	88.51
20-Apr-13 20:00:00	20-Apr-13 21:00:00	0.00	0.00	0.00	0.00	7.16	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	20-Apr-13 20:00:00	0.23	10.35	18.92	83.84	89.04
20-Apr-13 21:00:00	20-Apr-13 22:00:00	0.00	0.00	0.00	0.00	5.20	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	20-Apr-13 21:00:00	0.23	10.35	18.92	83.84	88.40
20-Apr-13 22:00:00	20-Apr-13 23:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	20-Apr-13 22:00:00	0.23	10.35	18.92	83.84	88.74
20-Apr-13 23:00:00	21-Apr-13 00:00:00	0.00	1.61	0.00	0.00	6.65	2.1	329.7	0.00	0.53	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	20-Apr-13 23:00:00	0.23	10.35	18.92	83.84	88.87
21-Apr-13 00:00:00	21-Apr-13 01:00:00	0.00	4.01	0.00	0.00	7.06	2.1	329.7	0.00	1.32	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	21-Apr-13 00:00:00	0.23	11.67	18.92	83.84	89.01
21-Apr-13 01:00:00	21-Apr-13 02:00:00	0.00	5.56	0.00	0.00	7.30	2.1	329.7	0.00	1.83	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	21-Apr-13 01:00:00	0.23	12.18	18.92	83.84	89.09
21-Apr-13 02:00:00	21-Apr-13 03:00:00	0.00	2.48	0.00	0.00	7.04	2.1	329.7	0.00	0.82	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	21-Apr-13 02:00:00	0.23	11.17	18.92	83.84	89.00
21-Apr-13 03:00:00	21-Apr-13 04:00:00	0.00	0.65	0.00	0.00	7.07	2.1	329.7	0.00	0.21	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	21-Apr-13 03:00:00	0.23	10.56	18.92	83.84	89.01
21-Apr-13 04:00:00	21-Apr-13 05:00:00	0.00	1.80	0.00	0.00	6.97	2.1	329.7	0.00	0.59	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	21-Apr-13 04:00:00	0.23	10.94	18.92	83.84	88.98
21-Apr-13 05:00:00	21-Apr-13 06:00:00	0.00	2.18	0.00	0.00	7.09	2.1	329.7	0.00	0.72	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	21-Apr-13 05:00:00	0.23	11.07	18.92	83.84	89.02
21-Apr-13 06:00:00	21-Apr-13 07:00:00	0.00	1.05	0.00	0.00	6.94	2.1	329.7	0.00	0.35	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	21-Apr-13 06:00:00	0.23	10.70	18.92	83.84	88.97
21-Apr-13 07:00:00	21-Apr-13 08:00:00	0.00	0.65	0.00	0.00	7.01	2.1	329.7	0.00	0.22	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	21-Apr-13 07:00:00	0.23	10.57	18.92	83.84	88.99
21-Apr-13 08:00:00	21-Apr-13 09:00:00	0.00	0.26	0.00	0.00	9.39	2.1	329.7	0.00	0.09	0.00	0.00	3.10	0.23	10.35	18.92	83.84	86.68	21-Apr-13 08:00:00	0.23	10.44	18.92	83.84	89.78
21-Apr-13 09:00:00	21-Apr-13 10:00:00	0.00	0.52	0.00	0.00	8.04	2.1	329.7	0.00	0.17	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	21-Apr-13 09:00:00	0.23	10.52	18.92	83.84	89.33
21-Apr-13 10:00:00	21-Apr-13 11:00:00	0.00	2.51	0.00	0.00	6.47	2.1	329.7	0.00	0.83	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	21-Apr-13 10:00:00	0.23	11.18	18.92	83.84	88.81
21-Apr-13 11:00:00	21-Apr-13 12:00:00	0.00	0.40	0.00	0.00	6.05	2.1	329.7	0.00	0.13	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	21-Apr-13 11:00:00	0.23	10.48	18.92	83.84	88.67
21-Apr-13 12:00:00	21-Apr-13 13:00:00	0.00	0.00	0.00	0.00	6.66	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	21-Apr-13 12:00:00	0.23	10.35	18.92	83.84	88.87
21-Apr-13 13:00:00	21-Apr-13 14:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	21-Apr-13 13:00:00	0.23	10.35	18.92	83.84	88.72
21-Apr-13 14:00:00	21-Apr-13 15:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	21-Apr-13 14:00:00	0.23	10.35	18.92	83.84	89.06
21-Apr-13 15:00:00	21-Apr-13 16:00:00	0.00	0.00	0.00	0.00	8.28	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	21-Apr-13 15:00:00	0.23	10.35	18.92	83.84	89.41
21-Apr-13 16:00:00	21-Apr-13 17:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	21-Apr-13 16:00:00	0.23	10.35	18.92	83.84	88.64
21-Apr-13 17:00:00	21-Apr-13 18:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	21-Apr-13 17:00:00	0.23	10.35	18.92	83.84	88.78
21-Apr-13 18:00:00	21-Apr-13 19:00:00	0.00	0.00	0.00	0.00	7.39	2.1	329.7	0.00	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	21-Apr-13 18:00:00	0.23	10.35	18.92	83.84	89.12
21-Apr-13 19:00:00	21-Apr-13 20:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	21-Apr-13 19:00:00	0.23	10.35	18.92	83.84	88.63
21-Apr-13 20:00:00	21-Apr-13 21:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	21-Apr-13 20:00:00	0.23	10.35	18.92	83.84	88.88
21-Apr-13 21:00:00	21-Apr-13 22:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	21-Apr-13 21:00:00	0.23	10.35	18.92	83.84	88.56
21-Apr-13 22:00:00	21-Apr-13 23:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	21-Apr-13 22:00:00	0.23	10.35	18.92	83.84	88.64
21-Apr-13 23:00:00	22-Apr-13 00:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	21-Apr-13 23:00:00	0.23	10.35	18.92	83.84	88.72
22-Apr-13 00:00:00	22-Apr-13 01:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	22-Apr-13 00:00:00	0.23	10.35	18.92	83.84	88.79
22-Apr-13 01:00:00	22-Apr-13 02:00:00	0.00	0.00	0.00	0.00	6.63	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	22-Apr-13 01:00:00	0.23	10.35	18.92	83.84	88.87
22-Apr-13 02:00:00	22-Apr-13 03:00:00	0.00	0.00	0.00	0.00	7.84	2.1	329.7	0.00	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	22-Apr-13 02:00:00	0.23	10.35	18.92	83.84	89.27
22-Apr-13 03:00:00	22-Apr-13 04:00:00	0.00	0.00	0.00	0.00	9.06	2.1	329.7	0.00	0.00	0.00	0.00	2.99	0.23	10.35	18.92	83.84	86.68	22-Apr-13 03:00:00	0.23	10.35	18.92	83.84	89.67
22-Apr-13 04:00:00	22-Apr-13 05:00:00	0.00	0.00	0.00	0.00	9.86	2.1	329.7	0.00	0.00	0.00	0.00	3.25	0.23	10.35	18.92	83.84	86.68	22-Apr-13 04:00:00	0.23	10.35	18.92	83.84	89.93
22-Apr-13 05:00:00	22-Apr-13 06:00:00	0.00	0.00	0.00	0.00	7.91	2.1	329.7	0.00	0.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	22-Apr-13 05:00:00	0.23	10.35	18.92	83.84	89.29
22-Apr-13 06:00:00	22-Apr-13 07:00:00	0.00	22.80	0.00	0.00	7.89	2.1	329.7	0.00	7.52	0.00	0.00	2.60	0.23										

13-May-13 04:00:00	13-May-13 05:00:00	0.00	1.14	0.00	0.00	8.66	2.1	329.7	0.00	0.38	0.00	0.00	2.86	0.23	10.35	18.92	83.84	86.68	13-May-13 04:00:00	0.23	10.73	18.92	83.84	89.54
13-May-13 05:00:00	13-May-13 06:00:00	0.00	0.80	0.00	0.00	7.83	2.1	329.7	0.00	0.26	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	13-May-13 05:00:00	0.23	10.61	18.92	83.84	89.26
13-May-13 06:00:00	13-May-13 07:00:00	0.00	0.45	0.00	0.00	8.11	2.1	329.7	0.00	0.15	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	13-May-13 06:00:00	0.23	10.50	18.92	83.84	89.35
13-May-13 07:00:00	13-May-13 08:00:00	0.00	0.12	0.00	0.00	8.16	2.1	329.7	0.00	0.04	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	13-May-13 07:00:00	0.23	10.39	18.92	83.84	89.37
13-May-13 08:00:00	13-May-13 09:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	13-May-13 08:00:00	0.23	10.35	18.92	83.84	89.00
13-May-13 09:00:00	13-May-13 10:00:00	0.00	0.00	0.00	0.00	6.76	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	13-May-13 09:00:00	0.23	10.35	18.92	83.84	88.91
13-May-13 10:00:00	13-May-13 11:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	13-May-13 10:00:00	0.23	10.35	18.92	83.84	88.92
13-May-13 11:00:00	13-May-13 12:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	13-May-13 11:00:00	0.23	10.35	18.92	83.84	88.75
13-May-13 12:00:00	13-May-13 13:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	13-May-13 12:00:00	0.23	10.35	18.92	83.84	88.89
13-May-13 13:00:00	13-May-13 14:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	13-May-13 13:00:00	0.23	10.35	18.92	83.84	88.68
13-May-13 14:00:00	13-May-13 15:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	13-May-13 14:00:00	0.23	10.35	18.92	83.84	88.74
13-May-13 15:00:00	13-May-13 16:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	13-May-13 15:00:00	0.23	10.35	18.92	83.84	88.91
13-May-13 16:00:00	13-May-13 17:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	13-May-13 16:00:00	0.23	10.35	18.92	83.84	88.74
13-May-13 17:00:00	13-May-13 18:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	13-May-13 17:00:00	0.23	10.35	18.92	83.84	88.75
13-May-13 18:00:00	13-May-13 19:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	13-May-13 18:00:00	0.23	10.35	18.92	83.84	88.54
13-May-13 19:00:00	13-May-13 20:00:00	0.00	0.00	0.00	0.00	6.63	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	13-May-13 19:00:00	0.23	10.35	18.92	83.84	88.87
13-May-13 20:00:00	13-May-13 21:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	13-May-13 20:00:00	0.23	10.35	18.92	83.84	88.94
13-May-13 21:00:00	13-May-13 22:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	13-May-13 21:00:00	0.23	10.35	18.92	83.84	88.78
13-May-13 22:00:00	13-May-13 23:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	13-May-13 22:00:00	0.23	10.35	18.92	83.84	88.62
13-May-13 23:00:00	14-May-13 00:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	13-May-13 23:00:00	0.23	10.35	18.92	83.84	88.67
14-May-13 00:00:00	14-May-13 01:00:00	0.00	0.00	0.00	0.00	6.51	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	14-May-13 00:00:00	0.23	10.35	18.92	83.84	88.83
14-May-13 01:00:00	14-May-13 02:00:00	0.00	2.19	0.00	0.00	6.98	2.1	329.7	0.00	0.72	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	14-May-13 01:00:00	0.23	11.07	18.92	83.84	88.98
14-May-13 02:00:00	14-May-13 03:00:00	0.00	1.45	0.00	0.00	8.85	2.1	329.7	0.00	0.48	0.00	0.00	2.92	0.23	10.35	18.92	83.84	86.68	14-May-13 02:00:00	0.23	10.83	18.92	83.84	89.60
14-May-13 03:00:00	14-May-13 04:00:00	0.00	2.68	0.00	0.00	7.44	2.1	329.7	0.00	0.88	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	14-May-13 03:00:00	0.23	11.23	18.92	83.84	89.13
14-May-13 04:00:00	14-May-13 05:00:00	0.00	16.57	0.00	0.00	7.48	2.1	329.7	0.00	5.46	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	14-May-13 04:00:00	0.23	15.81	18.92	83.84	89.15
14-May-13 05:00:00	14-May-13 06:00:00	0.00	7.65	0.00	0.00	8.29	2.1	329.7	0.00	2.52	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	14-May-13 05:00:00	0.23	12.87	18.92	83.84	89.41
14-May-13 06:00:00	14-May-13 07:00:00	0.00	2.04	0.00	0.00	7.38	2.1	329.7	0.00	0.67	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	14-May-13 06:00:00	0.23	11.02	18.92	83.84	89.11
14-May-13 07:00:00	14-May-13 08:00:00	0.00	3.74	0.00	0.00	7.29	2.1	329.7	0.00	1.23	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	14-May-13 07:00:00	0.23	11.58	18.92	83.84	89.08
14-May-13 08:00:00	14-May-13 09:00:00	0.00	1.14	0.00	0.00	7.19	2.1	329.7	0.00	0.38	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	14-May-13 08:00:00	0.23	10.73	18.92	83.84	89.05
14-May-13 09:00:00	14-May-13 10:00:00	0.00	4.49	0.00	0.00	7.27	2.1	329.7	0.00	0.82	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	14-May-13 09:00:00	0.23	11.17	18.92	83.84	89.08
14-May-13 10:00:00	14-May-13 11:00:00	0.00	2.09	0.00	0.00	6.71	2.1	329.7	0.00	1.35	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	14-May-13 10:00:00	0.23	11.70	18.92	83.84	88.89
14-May-13 11:00:00	14-May-13 12:00:00	0.00	3.45	0.00	0.00	6.21	2.1	329.7	0.00	1.14	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	14-May-13 11:00:00	0.23	11.23	18.92	83.84	88.92
14-May-13 12:00:00	14-May-13 13:00:00	0.00	1.20	0.00	0.00	5.71	2.1	329.7	0.00	0.39	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	14-May-13 12:00:00	0.23	10.74	18.92	83.84	88.56
14-May-13 13:00:00	14-May-13 14:00:00	0.00	0.00	0.00	0.00	5.38	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	14-May-13 13:00:00	0.23	10.35	18.92	83.84	88.45
14-May-13 14:00:00	14-May-13 15:00:00	0.00	0.05	0.00	0.00	6.04	2.1	329.7	0.00	0.02	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	14-May-13 14:00:00	0.23	10.37	18.92	83.84	88.67
14-May-13 15:00:00	14-May-13 16:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	14-May-13 15:00:00	0.23	10.35	18.92	83.84	88.70
14-May-13 16:00:00	14-May-13 17:00:00	0.00	0.00	0.00	0.00	5.58	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	14-May-13 16:00:00	0.23	10.35	18.92	83.84	88.52
14-May-13 17:00:00	14-May-13 18:00:00	0.00	0.00	0.00	0.00	6.12	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	14-May-13 17:00:00	0.23	10.35	18.92	83.84	88.70
14-May-13 18:00:00	14-May-13 19:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	14-May-13 18:00:00	0.23	10.35	18.92	83.84	88.40
14-May-13 19:00:00	14-May-13 20:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	14-May-13 19:00:00	0.23	10.35	18.92	83.84	88.41
14-May-13 20:00:00	14-May-13 21:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	14-May-13 20:00:00	0.23	10.35	18.92	83.84	88.43

24-May-13 13:00:00	24-May-13 14:00:00	0.00	0.00	0.00	0.00	3.73	2.1	329.7	0.00	0.00	0.00	0.00	1.23	0.23	10.35	18.92	83.84	86.68	24-May-13 13:00:00	0.23	10.35	18.92	83.84	87.91
24-May-13 14:00:00	24-May-13 15:00:00	0.00	0.00	0.00	0.00	3.62	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	24-May-13 14:00:00	0.23	10.35	18.92	83.84	87.87
24-May-13 15:00:00	24-May-13 16:00:00	0.00	0.00	0.00	0.00	3.53	2.1	329.7	0.00	0.00	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	24-May-13 15:00:00	0.23	10.35	18.92	83.84	87.84
24-May-13 16:00:00	24-May-13 17:00:00	0.00	0.00	0.00	0.00	3.55	2.1	329.7	0.00	0.00	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	24-May-13 16:00:00	0.23	10.35	18.92	83.84	87.85
24-May-13 17:00:00	24-May-13 18:00:00	0.00	0.00	0.00	0.00	3.59	2.1	329.7	0.00	0.00	0.00	0.00	1.18	0.23	10.35	18.92	83.84	86.68	24-May-13 17:00:00	0.23	10.35	18.92	83.84	87.86
24-May-13 18:00:00	24-May-13 19:00:00	0.00	0.00	0.00	0.00	3.62	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	24-May-13 18:00:00	0.23	10.35	18.92	83.84	87.87
24-May-13 19:00:00	24-May-13 20:00:00	0.00	0.00	0.00	0.00	3.69	2.1	329.7	0.00	0.00	0.00	0.00	1.23	0.23	10.35	18.92	83.84	86.68	24-May-13 19:00:00	0.23	10.35	18.92	83.84	87.90
24-May-13 20:00:00	24-May-13 21:00:00	0.00	0.00	0.00	0.00	4.09	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	24-May-13 20:00:00	0.23	10.35	18.92	83.84	88.02
24-May-13 21:00:00	24-May-13 22:00:00	0.00	0.00	0.00	0.00	4.51	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	24-May-13 21:00:00	0.23	10.35	18.92	83.84	88.17
24-May-13 22:00:00	24-May-13 23:00:00	0.00	0.00	0.00	0.00	4.94	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	24-May-13 22:00:00	0.23	10.35	18.92	83.84	88.31
24-May-13 23:00:00	25-May-13 00:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	24-May-13 23:00:00	0.23	10.35	18.92	83.84	88.43
25-May-13 00:00:00	25-May-13 01:00:00	0.00	2.14	0.00	0.00	5.62	2.1	329.7	0.00	0.71	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	25-May-13 00:00:00	0.23	11.06	18.92	83.84	88.53
25-May-13 01:00:00	25-May-13 02:00:00	0.00	1.43	0.00	0.00	5.94	2.1	329.7	0.00	0.47	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	25-May-13 01:00:00	0.23	10.82	18.92	83.84	88.64
25-May-13 02:00:00	25-May-13 03:00:00	0.00	0.65	0.00	0.00	6.25	2.1	329.7	0.00	0.22	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	25-May-13 02:00:00	0.23	10.57	18.92	83.84	88.74
25-May-13 03:00:00	25-May-13 04:00:00	0.00	0.05	0.00	0.00	6.45	2.1	329.7	0.00	0.02	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	25-May-13 03:00:00	0.23	10.37	18.92	83.84	88.81
25-May-13 04:00:00	25-May-13 05:00:00	0.00	3.78	0.00	0.00	6.57	2.1	329.7	0.00	1.25	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	25-May-13 04:00:00	0.23	11.60	18.92	83.84	88.85
25-May-13 05:00:00	25-May-13 06:00:00	0.00	16.86	0.00	0.00	6.71	2.1	329.7	0.00	5.56	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	25-May-13 05:00:00	0.23	15.91	18.92	83.84	88.89
25-May-13 06:00:00	25-May-13 07:00:00	0.00	13.10	0.00	0.00	6.84	2.1	329.7	0.00	4.32	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	25-May-13 06:00:00	0.23	14.67	18.92	83.84	88.94
25-May-13 07:00:00	25-May-13 08:00:00	0.00	13.39	0.00	0.00	6.86	2.1	329.7	0.00	4.42	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	25-May-13 07:00:00	0.23	14.77	18.92	83.84	88.94
25-May-13 08:00:00	25-May-13 09:00:00	0.00	7.74	0.00	0.00	6.51	2.1	329.7	0.00	2.55	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	25-May-13 08:00:00	0.23	12.90	18.92	83.84	88.82
25-May-13 09:00:00	25-May-13 10:00:00	0.00	2.00	0.00	0.00	6.15	2.1	329.7	0.00	0.66	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	25-May-13 09:00:00	0.23	11.01	18.92	83.84	88.71
25-May-13 10:00:00	25-May-13 11:00:00	0.00	3.49	0.00	0.00	5.78	2.1	329.7	0.00	1.15	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	25-May-13 10:00:00	0.23	11.50	18.92	83.84	88.59
25-May-13 11:00:00	25-May-13 12:00:00	0.00	1.57	0.00	0.00	5.47	2.1	329.7	0.00	0.52	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	25-May-13 11:00:00	0.23	10.87	18.92	83.84	88.48
25-May-13 12:00:00	25-May-13 13:00:00	0.00	3.50	0.00	0.00	5.28	2.1	329.7	0.00	1.15	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	25-May-13 12:00:00	0.23	11.50	18.92	83.84	88.42
25-May-13 13:00:00	25-May-13 14:00:00	0.00	0.08	0.00	0.00	5.09	2.1	329.7	0.00	0.03	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	25-May-13 13:00:00	0.23	10.38	18.92	83.84	88.36
25-May-13 14:00:00	25-May-13 15:00:00	0.00	0.00	0.00	0.00	4.91	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	25-May-13 14:00:00	0.23	10.35	18.92	83.84	88.30
25-May-13 15:00:00	25-May-13 16:00:00	0.00	0.16	0.00	0.00	4.87	2.1	329.7	0.00	0.05	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	25-May-13 15:00:00	0.23	10.40	18.92	83.84	88.29
25-May-13 16:00:00	25-May-13 17:00:00	0.00	0.00	0.00	0.00	4.95	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	25-May-13 16:00:00	0.23	10.35	18.92	83.84	88.31
25-May-13 17:00:00	25-May-13 18:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	25-May-13 17:00:00	0.23	10.35	18.92	83.84	88.34
25-May-13 18:00:00	25-May-13 19:00:00	0.00	0.00	0.00	0.00	5.10	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	25-May-13 18:00:00	0.23	10.35	18.92	83.84	88.36
25-May-13 19:00:00	25-May-13 20:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	25-May-13 19:00:00	0.23	10.35	18.92	83.84	88.41
25-May-13 20:00:00	25-May-13 21:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	25-May-13 20:00:00	0.23	10.35	18.92	83.84	88.46
25-May-13 21:00:00	25-May-13 22:00:00	0.00	0.00	0.00	0.00	5.55	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	25-May-13 21:00:00	0.23	10.35	18.92	83.84	88.51
25-May-13 22:00:00	25-May-13 23:00:00	0.00	0.12	0.00	0.00	5.70	2.1	329.7	0.00	0.04	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	25-May-13 22:00:00	0.23	10.39	18.92	83.84	88.56
25-May-13 23:00:00	26-May-13 00:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	25-May-13 23:00:00	0.23	10.35	18.92	83.84	88.59
26-May-13 00:00:00	26-May-13 01:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	26-May-13 00:00:00	0.23	10.35	18.92	83.84	88.64
26-May-13 01:00:00	26-May-13 02:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	26-May-13 01:00:00	0.23	10.35	18.92	83.84	88.69
26-May-13 02:00:00	26-May-13 03:00:00	0.00	0.13	0.00	0.00	6.24	2.1	329.7	0.00	0.04	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	26-May-13 02:00:00	0.23	10.39	18.92	83.84	88.74
26-May-13 03:00:00	26-May-13 04:00:00	0.00	0.52	0.00	0.00	6.33	2.1	329.7	0.00	0.17	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	26-May-13 03:00:00	0.23	10.52	18.92	83.84	88.77
26-May-13 04:00:00	26-May-13 05:00:00	0.00	0.91	0.00	0.00	6.33	2.1	329.7	0.00	0.30	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	26-May-13 04:00:00	0.23	10.65	18.92	83.84	88.77
26-May-13 05:00:00	26-May-13 06:00:00	0.00	1.61	0.00	0.00	6.34	2.1	329.7	0.00	0.53	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	26-May-13 05:00:00	0.23	10.88	18.92	83.84	88.77

01-Jun-13 03:00:00	01-Jun-13 04:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	01-Jun-13 03:00:00	0.23	10.35	18.92	83.84	88.58	
01-Jun-13 04:00:00	01-Jun-13 05:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	01-Jun-13 04:00:00	0.23	10.35	18.92	83.84	88.59	
01-Jun-13 05:00:00	01-Jun-13 06:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	01-Jun-13 05:00:00	0.23	10.35	18.92	83.84	88.59	
01-Jun-13 06:00:00	01-Jun-13 07:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	01-Jun-13 06:00:00	0.23	10.35	18.92	83.84	88.60	
01-Jun-13 07:00:00	01-Jun-13 08:00:00	0.00	0.32	0.00	0.00	5.86	2.1	329.7	0.00	0.11	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	01-Jun-13 07:00:00	0.23	10.46	18.92	83.84	88.61	
01-Jun-13 08:00:00	01-Jun-13 09:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	01-Jun-13 08:00:00	0.23	10.35	18.92	83.84	88.59	
01-Jun-13 09:00:00	01-Jun-13 10:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	01-Jun-13 09:00:00	0.23	10.35	18.92	83.84	88.59	
01-Jun-13 10:00:00	01-Jun-13 11:00:00	0.00	0.00	0.00	0.00	5.58	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	01-Jun-13 10:00:00	0.23	10.35	18.92	83.84	88.52	
01-Jun-13 11:00:00	01-Jun-13 12:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	01-Jun-13 11:00:00	0.23	10.35	18.92	83.84	88.50	
01-Jun-13 12:00:00	01-Jun-13 13:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	01-Jun-13 12:00:00	0.23	10.35	18.92	83.84	88.42	
01-Jun-13 13:00:00	01-Jun-13 14:00:00	0.00	0.00	0.00	0.00	4.98	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	01-Jun-13 13:00:00	0.23	10.35	18.92	83.84	88.32	
01-Jun-13 14:00:00	01-Jun-13 15:00:00	0.00	0.00	0.00	0.00	4.70	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	01-Jun-13 14:00:00	0.23	10.35	18.92	83.84	88.23	
01-Jun-13 15:00:00	01-Jun-13 16:00:00	0.00	1.80	0.00	0.00	4.44	2.1	329.7	0.00	0.59	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	01-Jun-13 15:00:00	0.23	10.94	18.92	83.84	88.14	
01-Jun-13 16:00:00	01-Jun-13 17:00:00	0.00	1.55	0.00	0.00	4.44	2.1	329.7	0.00	0.51	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	01-Jun-13 16:00:00	0.23	10.86	18.92	83.84	88.15	
01-Jun-13 17:00:00	01-Jun-13 18:00:00	0.00	0.97	0.00	0.00	4.47	2.1	329.7	0.00	0.32	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	01-Jun-13 17:00:00	0.23	10.67	18.92	83.84	88.15	
01-Jun-13 18:00:00	01-Jun-13 19:00:00	0.00	0.40	0.00	0.00	4.49	2.1	329.7	0.00	0.13	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	01-Jun-13 18:00:00	0.23	10.48	18.92	83.84	88.16	
01-Jun-13 19:00:00	01-Jun-13 20:00:00	0.00	0.01	0.00	0.00	4.53	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	01-Jun-13 19:00:00	0.23	10.35	18.92	83.84	88.17	
01-Jun-13 20:00:00	01-Jun-13 21:00:00	0.00	0.00	0.00	0.00	4.71	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	01-Jun-13 20:00:00	0.23	10.35	18.92	83.84	88.23	
01-Jun-13 21:00:00	01-Jun-13 22:00:00	0.00	0.00	0.00	0.00	4.90	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	01-Jun-13 21:00:00	0.23	10.35	18.92	83.84	88.30	
01-Jun-13 22:00:00	01-Jun-13 23:00:00	0.00	0.00	0.00	0.00	5.09	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	01-Jun-13 22:00:00	0.23	10.35	18.92	83.84	88.36	
01-Jun-13 23:00:00	02-Jun-13 00:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	01-Jun-13 23:00:00	0.23	10.35	18.92	83.84	88.43	
02-Jun-13 00:00:00	02-Jun-13 01:00:00	0.00	0.00	0.00	0.00	5.50	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	02-Jun-13 00:00:00	0.23	10.35	18.92	83.84	88.49	
02-Jun-13 01:00:00	02-Jun-13 02:00:00	0.00	0.00	0.00	0.00	5.70	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	02-Jun-13 01:00:00	0.23	10.35	18.92	83.84	88.56	
02-Jun-13 02:00:00	02-Jun-13 03:00:00	0.00	0.00	0.00	0.00	9.74	5.89	2.1	329.7	0.00	0.00	0.00	3.21	1.94	0.23	10.35	18.92	83.84	86.68	02-Jun-13 02:00:00	0.23	10.35	18.92	87.05	88.62
02-Jun-13 03:00:00	02-Jun-13 04:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	02-Jun-13 03:00:00	0.23	10.35	18.92	83.84	88.71	
02-Jun-13 04:00:00	02-Jun-13 05:00:00	0.00	0.00	0.00	0.00	6.18	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	02-Jun-13 04:00:00	0.23	10.35	18.92	83.84	88.72	
02-Jun-13 05:00:00	02-Jun-13 06:00:00	0.00	0.00	0.00	0.00	6.15	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	02-Jun-13 05:00:00	0.23	10.35	18.92	83.84	88.71	
02-Jun-13 06:00:00	02-Jun-13 07:00:00	0.00	0.00	0.00	0.00	6.12	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	02-Jun-13 06:00:00	0.23	10.35	18.92	83.84	88.70	
02-Jun-13 07:00:00	02-Jun-13 08:00:00	0.00	0.00	0.00	0.00	46.96	5.99	2.1	329.7	0.00	0.00	0.00	15.48	1.98	0.23	10.35	18.92	83.84	86.68	02-Jun-13 07:00:00	0.23	10.35	18.92	99.32	88.66
02-Jun-13 08:00:00	02-Jun-13 09:00:00	0.00	0.00	0.00	0.00	51.69	5.90	2.1	329.7	0.00	0.00	0.00	17.04	1.95	0.23	10.35	18.92	83.84	86.68	02-Jun-13 08:00:00	0.23	10.35	18.92	100.88	88.63
02-Jun-13 09:00:00	02-Jun-13 10:00:00	0.00	0.00	0.00	0.00	108.48	5.82	2.1	329.7	0.00	0.00	0.00	35.76	1.92	0.23	10.35	18.92	83.84	86.68	02-Jun-13 09:00:00	0.23	10.35	18.92	112.60	88.60
02-Jun-13 10:00:00	02-Jun-13 11:00:00	0.00	0.00	0.00	0.00	91.78	5.75	2.1	329.7	0.00	0.00	0.00	30.26	1.90	0.23	10.35	18.92	83.84	86.68	02-Jun-13 10:00:00	0.23	10.35	18.92	109.59	88.58
02-Jun-13 11:00:00	02-Jun-13 12:00:00	0.00	0.00	0.00	0.00	72.14	5.70	2.1	329.7	0.00	0.00	0.00	23.78	1.88	0.23	10.35	18.92	83.84	86.68	02-Jun-13 11:00:00	0.23	10.35	18.92	107.62	88.56
02-Jun-13 12:00:00	02-Jun-13 13:00:00	0.00	0.00	0.00	0.00	96.98	5.46	2.1	329.7	0.00	0.00	0.00	31.97	1.80	0.23	10.35	18.92	83.84	86.68	02-Jun-13 12:00:00	0.23	10.35	18.92	115.81	88.48
02-Jun-13 13:00:00	02-Jun-13 14:00:00	0.00	0.00	0.00	0.00	53.60	5.20	2.1	329.7	0.00	0.00	0.00	17.67	1.71	0.23	10.35	18.92	83.84	86.68	02-Jun-13 13:00:00	0.23	10.35	18.92	101.51	88.39
02-Jun-13 14:00:00	02-Jun-13 15:00:00	0.00	0.00	0.00	0.00	58.74	4.94	2.1	329.7	0.00	0.00	0.00	19.37	1.63	0.23	10.35	18.92	83.84	86.68	02-Jun-13 14:00:00	0.23	10.35	18.92	103.21	88.31
02-Jun-13 15:00:00	02-Jun-13 16:00:00	0.00	0.00	0.00	0.00	95.26	4.67	2.1	329.7	0.00	0.00	0.00	31.41	1.54	0.23	10.35	18.92	83.84	86.68	02-Jun-13 15:00:00	0.23	10.35	18.92	115.25	88.22
02-Jun-13 16:00:00	02-Jun-13 17:00:00	0.00	0.00	0.00	0.00	99.66	4.59	2.1	329.7	0.00	0.00	0.00	32.86	1.51	0.23	10.35	18.92	83.84	86.68	02-Jun-13 16:00:00	0.23	10.35	18.92	116.70	88.19
02-Jun-13 17:00:00	02-Jun-13 18:00:00	0.00	0.00	0.00	0.00	88.39	4.54	2.1	329.7	0.00	0.00	0.00	29.14	1.50	0.23	10.35	18.92	83.84	86.68	02-Jun-13 17:00:00	0.23	10.35	18.92	112.98	88.18
02-Jun-13 18:00:00	02-Jun-13 19:00:00	0.00	0.00	0.00	0.00	103.72	4.48	2.1	329.7	0.00	0.00	0.00	34.20	1.48	0.23	10.35	18.92	83.84	86.68	02-Jun-13 18:00:00	0.23	10.35	18.92	118.04	88.16
02-Jun-13 19:00:00	02-Jun-13 20:00:00	0.00	0.00	0.00	0.00	65.35	4.68	2.1	329.7	0															

04-Jun-13 22:00:00	04-Jun-13 23:00:00	0.00	0.00	0.00	214.92	5.63	2.1	329.7	0.00	0.00	0.00	70.86	1.86	0.23	10.35	18.92	83.84	86.68	04-Jun-13 22:00:00	0.23	10.35	18.92	154.70	88.54
04-Jun-13 23:00:00	05-Jun-13 00:00:00	0.00	0.00	0.00	203.02	5.81	2.1	329.7	0.00	0.00	0.00	66.93	1.91	0.23	10.35	18.92	83.84	86.68	04-Jun-13 23:00:00	0.23	10.35	18.92	150.77	88.59
05-Jun-13 00:00:00	05-Jun-13 01:00:00	0.00	0.00	0.00	198.75	5.92	2.1	329.7	0.00	0.00	0.00	65.53	1.95	0.23	10.35	18.92	83.84	86.68	05-Jun-13 00:00:00	0.23	10.35	18.92	149.37	88.63
05-Jun-13 01:00:00	05-Jun-13 02:00:00	0.00	0.00	0.00	175.76	6.03	2.1	329.7	0.00	0.00	0.00	57.95	1.99	0.23	10.35	18.92	83.84	86.68	05-Jun-13 01:00:00	0.23	10.35	18.92	141.79	88.67
05-Jun-13 02:00:00	05-Jun-13 03:00:00	0.00	0.00	0.00	242.71	6.14	2.1	329.7	0.00	0.00	0.00	80.02	2.02	0.23	10.35	18.92	83.84	86.68	05-Jun-13 02:00:00	0.23	10.35	18.92	163.86	88.70
05-Jun-13 03:00:00	05-Jun-13 04:00:00	0.00	0.00	0.00	168.54	6.26	2.1	329.7	0.00	0.00	0.00	55.57	2.06	0.23	10.35	18.92	83.84	86.68	05-Jun-13 03:00:00	0.23	10.35	18.92	139.41	88.74
05-Jun-13 04:00:00	05-Jun-13 05:00:00	0.00	0.00	0.00	175.52	6.35	2.1	329.7	0.00	0.00	0.00	57.87	2.06	0.23	10.35	18.92	83.84	86.68	05-Jun-13 04:00:00	0.23	10.35	18.92	141.71	88.74
05-Jun-13 05:00:00	05-Jun-13 06:00:00	0.00	0.00	0.00	181.25	6.23	2.1	329.7	0.00	0.00	0.00	59.76	2.05	0.23	10.35	18.92	83.84	86.68	05-Jun-13 05:00:00	0.23	10.35	18.92	143.60	88.73
05-Jun-13 06:00:00	05-Jun-13 07:00:00	0.00	0.00	0.00	147.88	6.21	2.1	329.7	0.00	0.00	0.00	48.76	2.05	0.23	10.35	18.92	83.84	86.68	05-Jun-13 06:00:00	0.23	10.35	18.92	132.60	88.73
05-Jun-13 07:00:00	05-Jun-13 08:00:00	0.00	0.00	0.00	178.22	6.27	2.1	329.7	0.00	0.00	0.00	58.76	2.07	0.23	10.35	18.92	83.84	86.68	05-Jun-13 07:00:00	0.23	10.35	18.92	142.60	88.75
05-Jun-13 08:00:00	05-Jun-13 09:00:00	0.00	0.00	0.00	178.69	6.20	2.1	329.7	0.00	0.00	0.00	58.91	2.04	0.23	10.35	18.92	83.84	86.68	05-Jun-13 08:00:00	0.23	10.35	18.92	142.75	88.72
05-Jun-13 09:00:00	05-Jun-13 10:00:00	0.00	0.00	0.00	141.84	6.10	2.1	329.7	0.00	0.00	0.00	46.76	2.01	0.23	10.35	18.92	83.84	86.68	05-Jun-13 09:00:00	0.23	10.35	18.92	130.60	88.69
05-Jun-13 10:00:00	05-Jun-13 11:00:00	0.00	0.00	0.00	190.71	6.01	2.1	329.7	0.00	0.00	0.00	62.88	1.98	0.23	10.35	18.92	83.84	86.68	05-Jun-13 10:00:00	0.23	10.35	18.92	146.72	88.66
05-Jun-13 11:00:00	05-Jun-13 12:00:00	0.00	0.00	0.00	199.87	5.85	2.1	329.7	0.00	0.00	0.00	65.90	1.93	0.23	10.35	18.92	83.84	86.68	05-Jun-13 11:00:00	0.23	10.35	18.92	149.74	88.61
05-Jun-13 12:00:00	05-Jun-13 13:00:00	0.00	0.00	0.00	180.97	5.69	2.1	329.7	0.00	0.00	0.00	59.67	1.88	0.23	10.35	18.92	83.84	86.68	05-Jun-13 12:00:00	0.23	10.35	18.92	143.51	88.56
05-Jun-13 13:00:00	05-Jun-13 14:00:00	0.00	0.00	0.00	187.11	5.55	2.1	329.7	0.00	0.00	0.00	61.69	1.83	0.23	10.35	18.92	83.84	86.68	05-Jun-13 13:00:00	0.23	10.35	18.92	145.53	88.51
05-Jun-13 14:00:00	05-Jun-13 15:00:00	0.00	0.00	0.00	166.20	5.40	2.1	329.7	0.00	0.00	0.00	54.80	1.78	0.23	10.35	18.92	83.84	86.68	05-Jun-13 14:00:00	0.23	10.35	18.92	138.64	88.46
05-Jun-13 15:00:00	05-Jun-13 16:00:00	0.00	0.00	0.00	209.36	5.46	2.1	329.7	0.00	0.00	0.00	69.03	1.80	0.23	10.35	18.92	83.84	86.68	05-Jun-13 15:00:00	0.23	10.35	18.92	152.87	88.48
05-Jun-13 16:00:00	05-Jun-13 17:00:00	0.00	0.00	0.00	231.51	5.67	2.1	329.7	0.00	0.00	0.00	76.33	1.87	0.23	10.35	18.92	83.84	86.68	05-Jun-13 16:00:00	0.23	10.35	18.92	160.17	88.55
05-Jun-13 17:00:00	05-Jun-13 18:00:00	0.00	0.00	0.00	220.29	5.87	2.1	329.7	0.00	0.00	0.00	72.63	1.93	0.23	10.35	18.92	83.84	86.68	05-Jun-13 17:00:00	0.23	10.35	18.92	156.47	88.61
05-Jun-13 18:00:00	05-Jun-13 19:00:00	0.00	0.00	0.00	182.65	6.07	2.1	329.7	0.00	0.00	0.00	60.22	2.00	0.23	10.35	18.92	83.84	86.68	05-Jun-13 18:00:00	0.23	10.35	18.92	144.06	88.68
05-Jun-13 19:00:00	05-Jun-13 20:00:00	0.00	0.00	0.00	170.93	6.29	2.1	329.7	0.00	0.00	0.00	56.36	2.07	0.23	10.35	18.92	83.84	86.68	05-Jun-13 19:00:00	0.23	10.35	18.92	140.20	88.75
05-Jun-13 20:00:00	05-Jun-13 21:00:00	0.00	0.00	0.00	175.57	6.30	2.1	329.7	0.00	0.00	0.00	57.89	2.08	0.23	10.35	18.92	83.84	86.68	05-Jun-13 20:00:00	0.23	10.35	18.92	141.73	88.76
05-Jun-13 21:00:00	05-Jun-13 22:00:00	0.00	0.00	0.00	170.68	6.29	2.1	329.7	0.00	0.00	0.00	56.27	2.07	0.23	10.35	18.92	83.84	86.68	05-Jun-13 21:00:00	0.23	10.35	18.92	140.11	88.75
05-Jun-13 22:00:00	05-Jun-13 23:00:00	0.00	0.00	0.00	227.74	6.28	2.1	329.7	0.00	0.00	0.00	75.09	2.07	0.23	10.35	18.92	83.84	86.68	05-Jun-13 22:00:00	0.23	10.35	18.92	158.93	88.75
05-Jun-13 23:00:00	06-Jun-13 00:00:00	0.00	0.00	0.00	154.07	5.99	2.1	329.7	0.00	0.00	0.00	50.80	1.97	0.23	10.35	18.92	83.84	86.68	05-Jun-13 23:00:00	0.23	10.35	18.92	134.64	88.65
06-Jun-13 00:00:00	06-Jun-13 01:00:00	0.00	0.00	0.00	158.20	5.92	2.1	329.7	0.00	0.00	0.00	52.16	1.95	0.23	10.35	18.92	83.84	86.68	06-Jun-13 00:00:00	0.23	10.35	18.92	136.00	88.63
06-Jun-13 01:00:00	06-Jun-13 02:00:00	0.00	0.00	0.00	149.50	5.91	2.1	329.7	0.00	0.00	0.00	49.29	1.95	0.23	10.35	18.92	83.84	86.68	06-Jun-13 01:00:00	0.23	10.35	18.92	133.13	88.63
06-Jun-13 02:00:00	06-Jun-13 03:00:00	0.00	0.00	0.00	150.14	5.90	2.1	329.7	0.00	0.00	0.00	49.50	1.95	0.23	10.35	18.92	83.84	86.68	06-Jun-13 02:00:00	0.23	10.35	18.92	133.34	88.63
06-Jun-13 03:00:00	06-Jun-13 04:00:00	0.00	0.00	0.00	194.58	5.90	2.1	329.7	0.00	0.00	0.00	64.15	1.94	0.23	10.35	18.92	83.84	86.68	06-Jun-13 03:00:00	0.23	10.35	18.92	147.99	88.62
06-Jun-13 04:00:00	06-Jun-13 05:00:00	0.00	0.00	0.00	191.78	5.99	2.1	329.7	0.00	0.00	0.00	63.23	1.97	0.23	10.35	18.92	83.84	86.68	06-Jun-13 04:00:00	0.23	10.35	18.92	147.07	88.65
06-Jun-13 05:00:00	06-Jun-13 06:00:00	0.00	0.00	0.00	243.69	6.25	2.1	329.7	0.00	0.00	0.00	80.34	2.07	0.23	10.35	18.92	83.84	86.68	06-Jun-13 05:00:00	0.23	10.35	18.92	164.18	88.69
06-Jun-13 06:00:00	06-Jun-13 07:00:00	0.00	0.00	0.00	132.68	6.19	2.1	329.7	0.00	0.00	0.00	43.75	2.04	0.23	10.35	18.92	83.84	86.68	06-Jun-13 06:00:00	0.23	10.35	18.92	127.59	88.72
06-Jun-13 07:00:00	06-Jun-13 08:00:00	0.00	0.00	0.00	118.57	6.13	2.1	329.7	0.00	0.00	0.00	39.09	2.02	0.23	10.35	18.92	83.84	86.68	06-Jun-13 07:00:00	0.23	10.35	18.92	122.93	88.70
06-Jun-13 08:00:00	06-Jun-13 09:00:00	0.00	0.00	0.00	143.17	6.00	2.1	329.7	0.00	0.00	0.00	47.20	1.98	0.23	10.35	18.92	83.84	86.68	06-Jun-13 08:00:00	0.23	10.35	18.92	131.04	88.66
06-Jun-13 09:00:00	06-Jun-13 10:00:00	0.00	0.00	0.00	121.32	5.89	2.1	329.7	0.00	0.00	0.00	40.00	1.94	0.23	10.35	18.92	83.84	86.68	06-Jun-13 09:00:00	0.23	10.35	18.92	123.84	88.62
06-Jun-13 10:00:00	06-Jun-13 11:00:00	0.00	0.00	0.00	124.61	5.77	2.1	329.7	0.00	0.00	0.00	41.08	1.90	0.23	10.35	18.92	83.84	86.68	06-Jun-13 10:00:00	0.23	10.35	18.92	124.92	88.58
06-Jun-13 11:00:00	06-Jun-13 12:00:00	0.00	0.00	0.00	102.54	5.47	2.1	329.7	0.00	0.00	0.00	33.81	1.80	0.23	10.35	18.92	83.84	86.68	06-Jun-13 11:00:00	0.23	10.35	18.92	117.65	88.48
06-Jun-13 12:00:00	06-Jun-13 13:00:00	0.00	0.00	0.00	90.73	5.37	2.1	329.7	0.00	0.00	0.00	29.91	1.77	0.23	10.35	18.92	83.84	86.68	06-Jun-13 12:00:00	0.23	10.35	18.92	113.75	88.45
06-Jun-13 13:00:00	06-Jun-13 14:00:00	0.00	0.00	0.00	73.60	5.32	2.1	329.7	0.00	0.00	0.00	24.27	1.75	0.23	10.35	18.92	83.84	86.68	06-Jun-13 13:00:00	0.23	10.35	18.92	108.11	88.43
06-Jun-13 14:00:00	06-Jun-13 15:00:00	0.00	0.00	0.00	94.02	5.27	2.1	329.7	0.00	0.00														

27-Jun-13 16:00:00	27-Jun-13 17:00:00	1,588.83	0.00	0.00	0.00	6.64	2.1	329.7	523.84	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	27-Jun-13 16:00:00	524.07	10.35	18.92	83.84	88.87
27-Jun-13 17:00:00	27-Jun-13 18:00:00	1,563.49	0.00	0.00	0.00	5.24	2.1	329.7	515.48	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	27-Jun-13 17:00:00	515.71	10.35	18.92	83.84	88.41
27-Jun-13 18:00:00	27-Jun-13 19:00:00	1,410.99	0.00	0.00	0.00	5.27	2.1	329.7	465.20	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	27-Jun-13 18:00:00	465.43	10.35	18.92	83.84	88.42
27-Jun-13 19:00:00	27-Jun-13 20:00:00	1,904.60	0.00	0.00	0.00	5.29	2.1	329.7	627.95	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	27-Jun-13 19:00:00	628.18	10.35	18.92	83.84	88.42
27-Jun-13 20:00:00	27-Jun-13 21:00:00	1,687.75	0.00	0.00	0.00	5.51	2.1	329.7	556.45	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	27-Jun-13 20:00:00	556.68	10.35	18.92	83.84	88.43
27-Jun-13 21:00:00	27-Jun-13 22:00:00	1,446.09	0.00	0.00	0.00	5.29	2.1	329.7	476.77	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	27-Jun-13 21:00:00	477.00	10.35	18.92	83.84	88.42
27-Jun-13 22:00:00	27-Jun-13 23:00:00	1,272.66	0.00	0.00	0.00	5.26	2.1	329.7	419.60	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	27-Jun-13 22:00:00	419.83	10.35	18.92	83.84	88.41
27-Jun-13 23:00:00	28-Jun-13 00:00:00	1,395.27	0.00	0.00	0.00	5.22	2.1	329.7	460.02	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	27-Jun-13 23:00:00	460.25	10.35	18.92	83.84	88.40
28-Jun-13 00:00:00	28-Jun-13 01:00:00	1,555.14	0.00	0.00	0.00	5.22	2.1	329.7	512.73	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	28-Jun-13 00:00:00	512.96	10.35	18.92	83.84	88.40
28-Jun-13 01:00:00	28-Jun-13 02:00:00	1,727.35	0.00	0.00	0.00	5.23	2.1	329.7	569.51	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	28-Jun-13 01:00:00	569.74	10.35	18.92	83.84	88.41
28-Jun-13 02:00:00	28-Jun-13 03:00:00	1,347.55	0.00	0.00	0.00	5.23	2.1	329.7	444.29	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	28-Jun-13 02:00:00	444.52	10.35	18.92	83.84	88.41
28-Jun-13 03:00:00	28-Jun-13 04:00:00	1,354.80	0.00	0.00	0.00	5.23	2.1	329.7	446.68	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	28-Jun-13 03:00:00	446.91	10.35	18.92	83.84	88.41
28-Jun-13 04:00:00	28-Jun-13 05:00:00	1,423.74	0.00	0.00	0.00	0.00	2.1	329.7	469.41	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Jun-13 04:00:00	469.64	10.35	18.92	83.84	86.68
28-Jun-13 05:00:00	28-Jun-13 06:00:00	1,430.77	0.00	0.00	0.00	0.00	2.1	329.7	471.73	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Jun-13 05:00:00	471.96	10.35	18.92	83.84	86.68
28-Jun-13 06:00:00	28-Jun-13 07:00:00	1,437.81	0.00	0.00	0.00	0.00	2.1	329.7	474.05	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Jun-13 06:00:00	474.28	10.35	18.92	83.84	86.68
28-Jun-13 07:00:00	28-Jun-13 08:00:00	1,444.84	0.00	0.00	0.00	0.00	2.1	329.7	476.36	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Jun-13 07:00:00	476.59	10.35	18.92	83.84	86.68
28-Jun-13 08:00:00	28-Jun-13 09:00:00	1,451.88	0.00	0.00	0.00	0.00	2.1	329.7	478.68	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Jun-13 08:00:00	478.91	10.35	18.92	83.84	86.68
28-Jun-13 09:00:00	28-Jun-13 10:00:00	1,458.91	0.00	0.00	0.00	0.00	2.1	329.7	481.00	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Jun-13 09:00:00	481.23	10.35	18.92	83.84	86.68
28-Jun-13 10:00:00	28-Jun-13 11:00:00	1,465.95	0.00	0.00	0.00	0.00	2.1	329.7	483.32	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Jun-13 10:00:00	483.55	10.35	18.92	83.84	86.68
28-Jun-13 11:00:00	28-Jun-13 12:00:00	1,472.98	0.00	0.00	0.00	0.00	2.1	329.7	485.64	0.00	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	28-Jun-13 11:00:00	485.87	10.35	18.92	83.84	86.68
28-Jun-13 12:00:00	28-Jun-13 13:00:00	1,479.55	0.00	0.00	0.00	5.19	2.1	329.7	487.81	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	28-Jun-13 12:00:00	488.04	10.35	18.92	83.84	88.39
28-Jun-13 13:00:00	28-Jun-13 14:00:00	1,484.73	0.00	0.00	0.00	5.11	2.1	329.7	489.52	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	28-Jun-13 13:00:00	489.75	10.35	18.92	83.84	88.36
28-Jun-13 14:00:00	28-Jun-13 15:00:00	1,522.28	0.00	0.00	0.00	4.97	2.1	329.7	501.90	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	28-Jun-13 14:00:00	502.13	10.35	18.92	83.84	88.32
28-Jun-13 15:00:00	28-Jun-13 16:00:00	1,887.39	0.00	0.00	0.00	4.82	2.1	329.7	622.27	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	28-Jun-13 15:00:00	622.50	10.35	18.92	83.84	88.27
28-Jun-13 16:00:00	28-Jun-13 17:00:00	1,914.80	0.00	0.00	0.00	4.70	2.1	329.7	631.31	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	28-Jun-13 16:00:00	631.54	10.35	18.92	83.84	88.23
28-Jun-13 17:00:00	28-Jun-13 18:00:00	1,256.94	0.00	0.00	0.00	4.73	2.1	329.7	414.41	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	28-Jun-13 17:00:00	414.64	10.35	18.92	83.84	88.24
28-Jun-13 18:00:00	28-Jun-13 19:00:00	1,154.07	0.00	0.00	0.00	4.70	2.1	329.7	380.50	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	28-Jun-13 18:00:00	380.73	10.35	18.92	83.84	88.23
28-Jun-13 19:00:00	28-Jun-13 20:00:00	1,132.81	0.00	0.00	0.00	4.68	2.1	329.7	373.49	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	28-Jun-13 19:00:00	373.72	10.35	18.92	83.84	88.22
28-Jun-13 20:00:00	28-Jun-13 21:00:00	972.96	0.00	0.00	0.00	4.70	2.1	329.7	320.78	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	28-Jun-13 20:00:00	321.01	10.35	18.92	83.84	88.23
28-Jun-13 21:00:00	28-Jun-13 22:00:00	283.19	0.00	0.00	0.00	5.07	2.1	329.7	93.37	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	28-Jun-13 21:00:00	93.60	10.35	18.92	83.84	88.25
28-Jun-13 22:00:00	28-Jun-13 23:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	28-Jun-13 22:00:00	0.23	10.35	18.92	83.84	88.43
29-Jun-13 00:00:00	29-Jun-13 01:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	29-Jun-13 00:00:00	0.23	10.35	18.92	83.84	88.44
29-Jun-13 01:00:00	29-Jun-13 02:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	29-Jun-13 01:00:00	0.23	10.35	18.92	83.84	88.60
29-Jun-13 02:00:00	29-Jun-13 03:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	29-Jun-13 02:00:00	0.23	10.35	18.92	83.84	88.65
29-Jun-13 03:00:00	29-Jun-13 04:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	29-Jun-13 03:00:00	0.23	10.35	18.92	83.84	88.69
29-Jun-13 04:00:00	29-Jun-13 05:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Jun-13 04:00:00	0.23	10.35	18.92	83.84	88.74
29-Jun-13 05:00:00	29-Jun-13 06:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	29-Jun-13 05:00:00	0.23	10.35	18.92	83.84	88.77
29-Jun-13 06:00:00	29-Jun-13 07:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	29-Jun-13 06:00:00	0.23	10.35	18.92	83.84	88.77
29-Jun-13 07:00:00	29-Jun-13 08:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	29-Jun-13 07:00:00	0.23	10.35	18.92	83.84	88.77
29-Jun-13 08:00:00	29-Jun-13 09:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	29-Jun-13 08:00:00	0.23	10.35	18.92	83.84	88.77
29-Jun-13 09:00:00	29-Jun-13 10:00:00	0.00	0.00</																					

23-Aug-13 13:00:00	23-Aug-13 14:00:00	0.00	1.17	0.00	0.00	5.32	2.1	329.7	0.00	0.38	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	23-Aug-13 13:00:00	0.23	10.73	18.92	83.84	88.43
23-Aug-13 14:00:00	23-Aug-13 15:00:00	0.00	1.17	0.00	0.00	5.24	2.1	329.7	0.00	0.39	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	23-Aug-13 14:00:00	0.23	10.74	18.92	83.84	88.41
23-Aug-13 15:00:00	23-Aug-13 16:00:00	0.00	2.97	0.00	0.00	5.15	2.1	329.7	0.00	0.98	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	23-Aug-13 15:00:00	0.23	11.33	18.92	83.84	88.38
23-Aug-13 16:00:00	23-Aug-13 17:00:00	0.00	0.72	0.00	0.00	5.11	2.1	329.7	0.00	0.24	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	23-Aug-13 16:00:00	0.23	10.59	18.92	83.84	88.37
23-Aug-13 17:00:00	23-Aug-13 18:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	23-Aug-13 17:00:00	0.23	10.35	18.92	83.84	88.42
23-Aug-13 18:00:00	23-Aug-13 19:00:00	0.00	0.00	0.00	0.00	5.46	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	23-Aug-13 18:00:00	0.23	10.35	18.92	83.84	88.46
23-Aug-13 19:00:00	23-Aug-13 20:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	23-Aug-13 19:00:00	0.23	10.35	18.92	83.84	88.54
23-Aug-13 20:00:00	23-Aug-13 21:00:00	0.00	2.06	0.00	0.00	5.83	2.1	329.7	0.00	0.68	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	23-Aug-13 20:00:00	0.23	11.03	18.92	83.84	88.60
23-Aug-13 21:00:00	23-Aug-13 22:00:00	0.00	1.17	0.00	0.00	6.07	2.1	329.7	0.00	0.39	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	23-Aug-13 21:00:00	0.23	10.74	18.92	83.84	88.68
23-Aug-13 22:00:00	23-Aug-13 23:00:00	0.00	1.04	0.00	0.00	6.32	2.1	329.7	0.00	0.34	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	23-Aug-13 22:00:00	0.23	10.69	18.92	83.84	88.76
23-Aug-13 23:00:00	24-Aug-13 00:00:00	0.00	0.07	0.00	0.00	6.57	2.1	329.7	0.00	0.02	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	23-Aug-13 23:00:00	0.23	10.37	18.92	83.84	88.85
24-Aug-13 00:00:00	24-Aug-13 01:00:00	0.00	0.28	0.00	0.00	6.75	2.1	329.7	0.00	0.09	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	24-Aug-13 00:00:00	0.23	10.44	18.92	83.84	89.01
24-Aug-13 01:00:00	24-Aug-13 02:00:00	0.00	1.12	0.00	0.00	6.88	2.1	329.7	0.00	0.37	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	24-Aug-13 01:00:00	0.23	10.72	18.92	83.84	89.05
24-Aug-13 02:00:00	24-Aug-13 03:00:00	0.00	0.00	0.00	0.00	7.03	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	24-Aug-13 02:00:00	0.23	10.35	18.92	83.84	89.00
24-Aug-13 03:00:00	24-Aug-13 04:00:00	0.00	0.00	0.00	0.00	7.18	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	24-Aug-13 03:00:00	0.23	10.35	18.92	83.84	89.05
24-Aug-13 04:00:00	24-Aug-13 05:00:00	0.00	0.00	0.00	0.00	7.40	2.1	329.7	0.00	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	24-Aug-13 04:00:00	0.23	10.35	18.92	83.84	89.12
24-Aug-13 05:00:00	24-Aug-13 06:00:00	0.00	0.00	0.00	0.00	7.94	2.1	329.7	0.00	0.00	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	24-Aug-13 05:00:00	0.23	10.35	18.92	83.84	89.30
24-Aug-13 06:00:00	24-Aug-13 07:00:00	0.00	0.00	0.00	0.00	8.01	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	24-Aug-13 06:00:00	0.23	10.35	18.92	83.84	89.32
24-Aug-13 07:00:00	24-Aug-13 08:00:00	0.00	0.00	0.00	0.00	8.25	2.1	329.7	0.00	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	24-Aug-13 07:00:00	0.23	10.35	18.92	83.84	89.40
24-Aug-13 08:00:00	24-Aug-13 09:00:00	0.00	0.00	0.00	0.00	7.48	2.1	329.7	0.00	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	24-Aug-13 08:00:00	0.23	10.35	18.92	83.84	89.14
24-Aug-13 09:00:00	24-Aug-13 10:00:00	0.00	0.00	0.00	0.00	7.28	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	24-Aug-13 09:00:00	0.23	10.35	18.92	83.84	89.08
24-Aug-13 10:00:00	24-Aug-13 11:00:00	0.00	0.00	0.00	0.00	7.08	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	24-Aug-13 10:00:00	0.23	10.35	18.92	83.84	89.01
24-Aug-13 11:00:00	24-Aug-13 12:00:00	0.00	0.00	0.00	0.00	6.84	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	24-Aug-13 11:00:00	0.23	10.35	18.92	83.84	88.94
24-Aug-13 12:00:00	24-Aug-13 13:00:00	0.00	0.00	0.00	0.00	6.60	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	24-Aug-13 12:00:00	0.23	10.35	18.92	83.84	88.86
24-Aug-13 13:00:00	24-Aug-13 14:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	24-Aug-13 13:00:00	0.23	10.35	18.92	83.84	88.80
24-Aug-13 14:00:00	24-Aug-13 15:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Aug-13 14:00:00	0.23	10.35	18.92	83.84	88.74
24-Aug-13 15:00:00	24-Aug-13 16:00:00	0.00	0.10	0.00	0.00	6.04	2.1	329.7	0.00	0.03	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	24-Aug-13 15:00:00	0.23	10.38	18.92	83.84	88.67
24-Aug-13 16:00:00	24-Aug-13 17:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	24-Aug-13 16:00:00	0.23	10.35	18.92	83.84	88.65
24-Aug-13 17:00:00	24-Aug-13 18:00:00	0.00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	24-Aug-13 17:00:00	0.23	10.35	18.92	83.84	88.68
24-Aug-13 18:00:00	24-Aug-13 19:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	24-Aug-13 18:00:00	0.23	10.35	18.92	83.84	88.70
24-Aug-13 19:00:00	24-Aug-13 20:00:00	0.00	3.62	0.00	0.00	6.14	2.1	329.7	0.00	1.19	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	24-Aug-13 19:00:00	0.23	11.54	18.92	83.84	88.70
24-Aug-13 20:00:00	24-Aug-13 21:00:00	0.00	0.00	0.00	0.00	6.23	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Aug-13 20:00:00	0.23	10.35	18.92	83.84	88.73
24-Aug-13 21:00:00	24-Aug-13 22:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	24-Aug-13 21:00:00	0.23	10.35	18.92	83.84	88.82
24-Aug-13 22:00:00	24-Aug-13 23:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	24-Aug-13 22:00:00	0.23	10.35	18.92	83.84	88.91
24-Aug-13 23:00:00	25-Aug-13 00:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	24-Aug-13 23:00:00	0.23	10.35	18.92	83.84	88.98
25-Aug-13 00:00:00	25-Aug-13 01:00:00	0.00	793.43	0.00	0.00	7.11	2.1	329.7	0.00	261.59	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	25-Aug-13 00:00:00	0.23	271.94	18.92	83.84	89.02
25-Aug-13 01:00:00	25-Aug-13 02:00:00	0.00	1,075.18	0.00	0.00	7.23	2.1	329.7	0.00	354.49	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	25-Aug-13 01:00:00	0.23	364.84	18.92	83.84	89.06
25-Aug-13 02:00:00	25-Aug-13 03:00:00	0.00	1,071.26	0.00	0.00	7.35	2.1	329.7	0.00	353.19	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	25-Aug-13 02:00:00	0.23	363.54	18.92	83.84	89.10
25-Aug-13 03:00:00	25-Aug-13 04:00:00	472.84	679.08	0.00	0.00	7.58	2.1	329.7	155.89	223.89	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	25-Aug-13 03:00:00	156.12	234.24	18.92	83.84	89.18
25-Aug-13 04:00:00	25-Aug-13 05:00:00	641.55	657.15	0.00	0.00	7.52	2.1	329.7	211.52	216.66	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	25-Aug-13 04:00:00	211.75	227.01	18.92	83.84	89.16
25-Aug-13 05:00:00	25-Aug-13 06:00:00	486.90	660.58	0.00	0.00	7.57	2.1	329.7	160.53	217.79	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	25-Aug-13 05:00:00	160.76	228.14	18.92	83.84	89.17
25-Aug-13 06:00:00	25-Aug-13 07:00:00	521.25	362.12	0.00	0.00	7.61	2.1	329.7	171.86	119.39	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	25-Aug-13 06:00:00	172.09	129.74	18.92	83.84	89.19
25-Aug-13 07:00:00	25-Aug-13 08:00:00	519.72	288.67	0.00	0.00	7.61	2.1	329.7	171.35	95.17	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	25-Aug-13 07:00:00	171.58	105.52	18.92	83.84	89.19
25-Aug-13 08:00:00	25-Aug-13 09:00:00	930.25	0.00	0.00	0.00	7.40	2.1	329.7	308.70	0.00	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	25-Aug-13 08:00:00	306.93	0.00	18.92	83.84	89.12
25-Aug-13 09:00:00	25-Aug-13 10:00:00	1,174.00	0.00	0.00	0.00																			

27-Aug-13 08:00:00	27-Aug-13 09:00:00	0.00	11.23	0.00	0.00	7.52	2.1	329.7	0.00	3.70	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	27-Aug-13 08:00:00	0.23	14.05	18.92	83.84	89.16
27-Aug-13 09:00:00	27-Aug-13 10:00:00	0.00	2.88	0.00	0.00	7.37	2.1	329.7	0.00	0.95	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	27-Aug-13 09:00:00	0.23	11.30	18.92	83.84	89.11
27-Aug-13 10:00:00	27-Aug-13 11:00:00	0.00	1.44	0.00	0.00	7.00	2.1	329.7	0.00	0.48	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	27-Aug-13 10:00:00	0.23	10.83	18.92	83.84	88.99
27-Aug-13 11:00:00	27-Aug-13 12:00:00	0.00	0.90	0.00	0.00	6.65	2.1	329.7	0.00	0.30	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	27-Aug-13 11:00:00	0.23	10.65	18.92	83.84	88.87
27-Aug-13 12:00:00	27-Aug-13 13:00:00	0.00	0.35	0.00	0.00	6.30	2.1	329.7	0.00	0.11	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	27-Aug-13 12:00:00	0.23	10.46	18.92	83.84	88.76
27-Aug-13 13:00:00	27-Aug-13 14:00:00	0.00	1.26	0.00	0.00	5.95	2.1	329.7	0.00	0.42	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	27-Aug-13 13:00:00	0.23	10.77	18.92	83.84	88.64
27-Aug-13 14:00:00	27-Aug-13 15:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	27-Aug-13 14:00:00	0.23	10.35	18.92	83.84	88.59
27-Aug-13 15:00:00	27-Aug-13 16:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	27-Aug-13 15:00:00	0.23	10.35	18.92	83.84	88.60
27-Aug-13 16:00:00	27-Aug-13 17:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	27-Aug-13 16:00:00	0.23	10.35	18.92	83.84	88.60
27-Aug-13 17:00:00	27-Aug-13 18:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	27-Aug-13 17:00:00	0.23	10.35	18.92	83.84	88.61
27-Aug-13 18:00:00	27-Aug-13 19:00:00	0.00	0.00	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	27-Aug-13 18:00:00	0.23	10.35	18.92	83.84	88.61
27-Aug-13 19:00:00	27-Aug-13 20:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	27-Aug-13 19:00:00	0.23	10.35	18.92	83.84	88.67
27-Aug-13 20:00:00	27-Aug-13 21:00:00	0.00	0.00	0.00	0.00	6.19	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	27-Aug-13 20:00:00	0.23	10.35	18.92	83.84	88.72
27-Aug-13 21:00:00	27-Aug-13 22:00:00	0.00	0.03	0.00	0.00	6.36	2.1	329.7	0.00	0.01	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	27-Aug-13 21:00:00	0.23	10.35	18.92	83.84	88.78
27-Aug-13 22:00:00	27-Aug-13 23:00:00	0.00	0.27	0.00	0.00	6.48	2.1	329.7	0.00	0.09	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	27-Aug-13 22:00:00	0.23	10.44	18.92	83.84	88.82
27-Aug-13 23:00:00	28-Aug-13 00:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	27-Aug-13 23:00:00	0.23	10.35	18.92	83.84	88.86
28-Aug-13 00:00:00	28-Aug-13 01:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	28-Aug-13 00:00:00	0.23	10.35	18.92	83.84	88.90
28-Aug-13 01:00:00	28-Aug-13 02:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	28-Aug-13 01:00:00	0.23	10.35	18.92	83.84	88.95
28-Aug-13 02:00:00	28-Aug-13 03:00:00	0.00	0.00	0.00	0.00	6.98	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	28-Aug-13 02:00:00	0.23	10.35	18.92	83.84	88.98
28-Aug-13 03:00:00	28-Aug-13 04:00:00	0.00	1.86	0.00	0.00	7.10	2.1	329.7	0.00	0.61	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	28-Aug-13 03:00:00	0.23	10.66	18.92	83.84	89.02
28-Aug-13 04:00:00	28-Aug-13 05:00:00	0.00	3.88	0.00	0.00	7.21	2.1	329.7	0.00	1.28	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	28-Aug-13 04:00:00	0.23	11.63	18.92	83.84	89.06
28-Aug-13 05:00:00	28-Aug-13 06:00:00	0.00	0.36	0.00	0.00	7.33	2.1	329.7	0.00	0.12	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	28-Aug-13 05:00:00	0.23	10.47	18.92	83.84	89.10
28-Aug-13 06:00:00	28-Aug-13 07:00:00	0.00	0.00	0.00	0.00	7.30	2.1	329.7	0.00	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	28-Aug-13 06:00:00	0.23	10.35	18.92	83.84	89.09
28-Aug-13 07:00:00	28-Aug-13 08:00:00	0.00	0.00	0.00	0.00	7.15	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	28-Aug-13 07:00:00	0.23	10.35	18.92	83.84	89.04
28-Aug-13 08:00:00	28-Aug-13 09:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	28-Aug-13 08:00:00	0.23	10.35	18.92	83.84	88.99
28-Aug-13 09:00:00	28-Aug-13 10:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	28-Aug-13 09:00:00	0.23	10.35	18.92	83.84	88.94
28-Aug-13 10:00:00	28-Aug-13 11:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	28-Aug-13 10:00:00	0.23	10.35	18.92	83.84	88.90
28-Aug-13 11:00:00	28-Aug-13 12:00:00	0.00	0.10	0.00	0.00	6.44	2.1	329.7	0.00	0.03	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	28-Aug-13 11:00:00	0.23	10.38	18.92	83.84	88.80
28-Aug-13 12:00:00	28-Aug-13 13:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	28-Aug-13 12:00:00	0.23	10.35	18.92	83.84	88.71
28-Aug-13 13:00:00	28-Aug-13 14:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	28-Aug-13 13:00:00	0.23	10.35	18.92	83.84	88.62
28-Aug-13 14:00:00	28-Aug-13 15:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	28-Aug-13 14:00:00	0.23	10.35	18.92	83.84	88.58
28-Aug-13 15:00:00	28-Aug-13 16:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	28-Aug-13 15:00:00	0.23	10.35	18.92	83.84	88.58
28-Aug-13 16:00:00	28-Aug-13 17:00:00	0.00	0.09	0.00	0.00	5.77	2.1	329.7	0.00	0.03	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	28-Aug-13 16:00:00	0.23	10.38	18.92	83.84	88.58
28-Aug-13 17:00:00	28-Aug-13 18:00:00	0.00	1.19	0.00	0.00	5.77	2.1	329.7	0.00	0.39	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	28-Aug-13 17:00:00	0.23	10.74	18.92	83.84	88.58
28-Aug-13 18:00:00	28-Aug-13 19:00:00	0.00	4.28	0.00	0.00	5.88	2.1	329.7	0.00	1.41	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	28-Aug-13 18:00:00	0.23	11.76	18.92	83.84	88.62
28-Aug-13 19:00:00	28-Aug-13 20:00:00	0.00	2.49	0.00	0.00	6.07	2.1	329.7	0.00	0.82	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	28-Aug-13 19:00:00	0.23	11.17	18.92	83.84	88.68
28-Aug-13 20:00:00	28-Aug-13 21:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	28-Aug-13 20:00:00	0.23	10.35	18.92	83.84	88.74
28-Aug-13 21:00:00	28-Aug-13 22:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	28-Aug-13 21:00:00	0.23	10.35	18.92	83.84	88.80
28-Aug-13 22:00:00	28-Aug-13 23:00:00	0.00	1.14	0.00	0.00	6.57	2.1	329.7	0.00	0.38	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	28-Aug-13 22:00:00	0.23	10.73	18.92	83.84	88.85
28-Aug-13 23:00:00	29-Aug-13 00:00:00	0.00	0.98	0.00	0.00	6.72	2.1	329.7	0.00	0.32	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	28-Aug-13 23:00:00	0.23	10.67	18.92	83.84	88.90
29-Aug-13 00:00:00	29-Aug-13 01:00:00	0.00	0.63	0.00	0.00	6.87	2.1	329.7	0.00	0.21	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	29-Aug-13 00:00:00	0.23	10.56	18.92	83.84	88.95

31-Aug-13 03:00:00	31-Aug-13 04:00:00	0.00	4.56	0.00	0.00	6.78	2.1	329.7	0.00	1.50	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	31-Aug-13 03:00:00	0.23	11.85	18.92	83.84	88.92
31-Aug-13 04:00:00	31-Aug-13 05:00:00	0.00	3.94	0.00	0.00	6.91	2.1	329.7	0.00	1.30	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	31-Aug-13 04:00:00	0.23	11.65	18.92	83.84	88.96
31-Aug-13 05:00:00	31-Aug-13 06:00:00	0.00	5.92	0.00	0.00	6.87	2.1	329.7	0.00	1.82	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	31-Aug-13 05:00:00	0.23	12.17	18.92	83.84	88.94
31-Aug-13 06:00:00	31-Aug-13 07:00:00	0.00	13.17	0.00	0.00	6.88	2.1	329.7	0.00	4.34	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	31-Aug-13 06:00:00	0.23	14.69	18.92	83.84	88.95
31-Aug-13 07:00:00	31-Aug-13 08:00:00	0.00	6.36	0.00	0.00	6.89	2.1	329.7	0.00	2.10	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	31-Aug-13 07:00:00	0.23	12.45	18.92	83.84	88.95
31-Aug-13 08:00:00	31-Aug-13 09:00:00	0.00	2.83	0.00	0.00	6.88	2.1	329.7	0.00	0.93	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	31-Aug-13 08:00:00	0.23	11.28	18.92	83.84	88.95
31-Aug-13 09:00:00	31-Aug-13 10:00:00	0.00	6.39	0.00	0.00	6.89	2.1	329.7	0.00	2.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	31-Aug-13 09:00:00	0.23	11.35	18.92	83.84	88.92
31-Aug-13 10:00:00	31-Aug-13 11:00:00	0.00	3.96	0.00	0.00	7.18	2.1	329.7	0.00	1.31	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	31-Aug-13 10:00:00	0.23	11.66	18.92	83.84	89.05
31-Aug-13 11:00:00	31-Aug-13 12:00:00	0.00	2.23	0.00	0.00	6.25	2.1	329.7	0.00	0.73	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	31-Aug-13 11:00:00	0.23	11.08	18.92	83.84	88.74
31-Aug-13 12:00:00	31-Aug-13 13:00:00	0.00	2.51	0.00	0.00	5.99	2.1	329.7	0.00	0.83	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	31-Aug-13 12:00:00	0.23	11.18	18.92	83.84	88.65
31-Aug-13 13:00:00	31-Aug-13 14:00:00	0.00	1.36	0.00	0.00	5.73	2.1	329.7	0.00	0.45	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	31-Aug-13 13:00:00	0.23	10.80	18.92	83.84	88.57
31-Aug-13 14:00:00	31-Aug-13 15:00:00	0.00	1.37	0.00	0.00	5.47	2.1	329.7	0.00	0.45	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	31-Aug-13 14:00:00	0.23	10.80	18.92	83.84	88.48
31-Aug-13 15:00:00	31-Aug-13 16:00:00	0.00	0.72	0.00	0.00	5.55	2.1	329.7	0.00	0.24	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	31-Aug-13 15:00:00	0.23	10.59	18.92	83.84	88.51
31-Aug-13 16:00:00	31-Aug-13 17:00:00	0.00	1.79	0.00	0.00	5.85	2.1	329.7	0.00	0.59	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	31-Aug-13 16:00:00	0.23	10.94	18.92	83.84	88.61
31-Aug-13 17:00:00	31-Aug-13 18:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	31-Aug-13 17:00:00	0.23	10.35	18.92	83.84	88.87
31-Aug-13 18:00:00	31-Aug-13 19:00:00	0.00	0.00	0.00	0.00	6.00	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	31-Aug-13 18:00:00	0.23	10.35	18.92	83.84	88.66
31-Aug-13 19:00:00	31-Aug-13 20:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	31-Aug-13 19:00:00	0.23	10.35	18.92	83.84	88.69
31-Aug-13 20:00:00	31-Aug-13 21:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	31-Aug-13 20:00:00	0.23	10.35	18.92	83.84	88.65
31-Aug-13 21:00:00	31-Aug-13 22:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	31-Aug-13 21:00:00	0.23	10.35	18.92	83.84	88.69
31-Aug-13 22:00:00	31-Aug-13 23:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	31-Aug-13 22:00:00	0.23	10.35	18.92	83.84	88.72
31-Aug-13 23:00:00	01-Sep-13 00:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	31-Aug-13 23:00:00	0.23	10.35	18.92	83.84	88.80
01-Sep-13 00:00:00	01-Sep-13 01:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	01-Sep-13 00:00:00	0.23	10.35	18.92	83.84	88.81
01-Sep-13 01:00:00	01-Sep-13 02:00:00	0.00	1.93	0.00	0.00	6.67	2.1	329.7	0.00	0.64	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	01-Sep-13 01:00:00	0.23	10.99	18.92	83.84	88.88
01-Sep-13 02:00:00	01-Sep-13 03:00:00	0.00	1.06	0.00	0.00	7.66	2.1	329.7	0.00	0.35	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	01-Sep-13 02:00:00	0.23	10.70	18.92	83.84	89.21
01-Sep-13 03:00:00	01-Sep-13 04:00:00	0.00	1.14	0.00	0.00	6.86	2.1	329.7	0.00	0.38	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	01-Sep-13 03:00:00	0.23	10.73	18.92	83.84	88.94
01-Sep-13 04:00:00	01-Sep-13 05:00:00	0.00	0.04	0.00	0.00	6.86	2.1	329.7	0.00	0.01	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	01-Sep-13 04:00:00	0.23	10.36	18.92	83.84	88.94
01-Sep-13 05:00:00	01-Sep-13 06:00:00	0.00	0.03	0.00	0.00	6.86	2.1	329.7	0.00	0.01	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	01-Sep-13 05:00:00	0.23	10.36	18.92	83.84	88.94
01-Sep-13 06:00:00	01-Sep-13 07:00:00	0.00	0.02	0.00	0.00	6.88	2.1	329.7	0.00	0.01	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	01-Sep-13 06:00:00	0.23	10.36	18.92	83.84	88.95
01-Sep-13 07:00:00	01-Sep-13 08:00:00	0.00	0.01	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Sep-13 07:00:00	0.23	10.35	18.92	83.84	88.97
01-Sep-13 08:00:00	01-Sep-13 09:00:00	0.00	0.73	0.00	0.00	7.32	2.1	329.7	0.00	0.24	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	01-Sep-13 08:00:00	0.23	10.59	18.92	83.84	89.09
01-Sep-13 09:00:00	01-Sep-13 10:00:00	0.00	1.51	0.00	0.00	6.81	2.1	329.7	0.00	0.50	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	01-Sep-13 09:00:00	0.23	10.85	18.92	83.84	88.93
01-Sep-13 10:00:00	01-Sep-13 11:00:00	0.00	0.30	0.00	0.00	6.67	2.1	329.7	0.00	0.10	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	01-Sep-13 10:00:00	0.23	10.46	18.92	83.84	88.79
01-Sep-13 11:00:00	01-Sep-13 12:00:00	0.00	0.60	0.00	0.00	6.53	2.1	329.7	0.00	0.20	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	01-Sep-13 11:00:00	0.23	10.55	18.92	83.84	88.82
01-Sep-13 12:00:00	01-Sep-13 13:00:00	0.00	1.57	0.00	0.00	6.38	2.1	329.7	0.00	0.52	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	01-Sep-13 12:00:00	0.23	10.87	18.92	83.84	88.78
01-Sep-13 13:00:00	01-Sep-13 14:00:00	0.00	5.52	0.00	0.00	6.15	2.1	329.7	0.00	1.82	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	01-Sep-13 13:00:00	0.23	12.17	18.92	83.84	88.71
01-Sep-13 14:00:00	01-Sep-13 15:00:00	0.00	1.76	0.00	0.00	6.76	2.1	329.7	0.00	0.58	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	01-Sep-13 14:00:00	0.23	10.93	18.92	83.84	88.91
01-Sep-13 15:00:00	01-Sep-13 16:00:00	0.00	0.84	0.00	0.00	5.66	2.1	329.7	0.00	0.28	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	01-Sep-13 15:00:00	0.23	10.63	18.92	83.84	88.55
01-Sep-13 16:00:00	01-Sep-13 17:00:00	0.00	0.84	0.00	0.00	5.54	2.1	329.7	0.00	0.28	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	01-Sep-13 16:00:00	0.23	10.63	18.92	83.84	88.51
01-Sep-13 17:00:00	01-Sep-13 18:00:00	0.00	2.91	0.00	0.00	6.13	2.1	329.7	0.00	0.96	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	01-Sep-13 17:00:00	0.23	11.31	18.92	83.84	88.70
01-Sep-13 18:00:00	01-Sep-13 19:00:00	0.00	0.91	0.00	0.00	5.76	2.1	329.7	0.00	0.30	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	01-Sep-13 18:00:00	0.23	10.65	18.92	83.84	88.58
01-Sep-13 19:00:00	01-Sep-13 20:00:00	0.00	0.00	0.00	0.00	5.98	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	01-Sep-13 19:00:00	0.23	10.35	18.92	83.84	88.65

03-Sep-13 22:00:00	03-Sep-13 23:00:00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	03-Sep-13 22:00:00	0.23	10.35	18.92	83.84	86.68
03-Sep-13 23:00:00	04-Sep-13 00:00:00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	03-Sep-13 23:00:00	0.23	10.35	18.92	83.84	86.68
04-Sep-13 00:00:00	04-Sep-13 01:00:00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	04-Sep-13 00:00:00	0.23	10.35	18.92	83.84	86.68
04-Sep-13 01:00:00	04-Sep-13 02:00:00	0.00	1.04	0.00	6.80	2.1	329.7	0.00	0.34	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Sep-13 01:00:00	0.23	10.69	18.92	83.84	86.68
04-Sep-13 02:00:00	04-Sep-13 03:00:00	0.00	1.60	0.00	6.85	2.1	329.7	0.00	0.53	0.00	2.26	0.23	10.35	18.92	83.84	86.68	04-Sep-13 02:00:00	0.23	10.88	18.92	83.84	86.68
04-Sep-13 03:00:00	04-Sep-13 04:00:00	0.00	1.10	0.00	6.87	2.1	329.7	0.00	0.36	0.00	2.26	0.23	10.35	18.92	83.84	86.68	04-Sep-13 03:00:00	0.23	10.71	18.92	83.84	86.68
04-Sep-13 04:00:00	04-Sep-13 05:00:00	0.00	0.59	0.00	6.59	2.1	329.7	0.00	0.19	0.00	2.27	0.23	10.35	18.92	83.84	86.68	04-Sep-13 04:00:00	0.23	10.54	18.92	83.84	86.68
04-Sep-13 05:00:00	04-Sep-13 06:00:00	0.00	0.11	0.00	6.90	2.1	329.7	0.00	0.04	0.00	2.28	0.23	10.35	18.92	83.84	86.68	04-Sep-13 05:00:00	0.23	10.39	18.92	83.84	86.68
04-Sep-13 06:00:00	04-Sep-13 07:00:00	0.00	0.77	0.00	6.91	2.1	329.7	0.00	0.25	0.00	2.28	0.23	10.35	18.92	83.84	86.68	04-Sep-13 06:00:00	0.23	10.60	18.92	83.84	86.68
04-Sep-13 07:00:00	04-Sep-13 08:00:00	0.00	0.39	0.00	6.90	2.1	329.7	0.00	0.13	0.00	2.28	0.23	10.35	18.92	83.84	86.68	04-Sep-13 07:00:00	0.23	10.48	18.92	83.84	86.68
04-Sep-13 08:00:00	04-Sep-13 09:00:00	0.00	0.26	0.00	6.90	2.1	329.7	0.00	0.09	0.00	2.27	0.23	10.35	18.92	83.84	86.68	04-Sep-13 08:00:00	0.23	10.44	18.92	83.84	86.68
04-Sep-13 09:00:00	04-Sep-13 10:00:00	0.00	0.13	0.00	6.87	2.1	329.7	0.00	0.04	0.00	2.27	0.23	10.35	18.92	83.84	86.68	04-Sep-13 09:00:00	0.23	10.39	18.92	83.84	86.68
04-Sep-13 10:00:00	04-Sep-13 11:00:00	0.00	0.12	0.00	6.64	2.1	329.7	0.00	0.04	0.00	2.19	0.23	10.35	18.92	83.84	86.68	04-Sep-13 10:00:00	0.23	10.39	18.92	83.84	86.68
04-Sep-13 11:00:00	04-Sep-13 12:00:00	0.00	0.88	0.00	6.36	2.1	329.7	0.00	0.29	0.00	2.10	0.23	10.35	18.92	83.84	86.68	04-Sep-13 11:00:00	0.23	10.64	18.92	83.84	86.68
04-Sep-13 12:00:00	04-Sep-13 13:00:00	0.00	1.01	0.00	6.07	2.1	329.7	0.00	0.33	0.00	2.00	0.23	10.35	18.92	83.84	86.68	04-Sep-13 12:00:00	0.23	10.68	18.92	83.84	86.68
04-Sep-13 13:00:00	04-Sep-13 14:00:00	0.00	1.10	0.00	5.75	2.1	329.7	0.00	0.36	0.00	1.90	0.23	10.35	18.92	83.84	86.68	04-Sep-13 13:00:00	0.23	10.71	18.92	83.84	86.68
04-Sep-13 14:00:00	04-Sep-13 15:00:00	0.00	0.35	0.00	5.56	2.1	329.7	0.00	0.12	0.00	1.83	0.23	10.35	18.92	83.84	86.68	04-Sep-13 14:00:00	0.23	10.47	18.92	83.84	86.68
04-Sep-13 15:00:00	04-Sep-13 16:00:00	0.00	1.25	0.00	5.48	2.1	329.7	0.00	0.41	0.00	1.81	0.23	10.35	18.92	83.84	86.68	04-Sep-13 15:00:00	0.23	10.76	18.92	83.84	86.68
04-Sep-13 16:00:00	04-Sep-13 17:00:00	0.00	2.18	0.00	5.41	2.1	329.7	0.00	0.72	0.00	1.78	0.23	10.35	18.92	83.84	86.68	04-Sep-13 16:00:00	0.23	11.07	18.92	83.84	86.68
04-Sep-13 17:00:00	04-Sep-13 18:00:00	0.00	1.53	0.00	5.32	2.1	329.7	0.00	0.50	0.00	1.75	0.23	10.35	18.92	83.84	86.68	04-Sep-13 17:00:00	0.23	10.85	18.92	83.84	86.68
04-Sep-13 18:00:00	04-Sep-13 19:00:00	0.00	0.88	0.00	5.48	2.1	329.7	0.00	0.29	0.00	1.81	0.23	10.35	18.92	83.84	86.68	04-Sep-13 18:00:00	0.23	10.64	18.92	83.84	86.68
04-Sep-13 19:00:00	04-Sep-13 20:00:00	0.00	0.23	0.00	5.77	2.1	329.7	0.00	0.08	0.00	1.90	0.23	10.35	18.92	83.84	86.68	04-Sep-13 19:00:00	0.23	10.43	18.92	83.84	86.68
04-Sep-13 20:00:00	04-Sep-13 21:00:00	0.00	0.00	0.00	6.05	2.1	329.7	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	04-Sep-13 20:00:00	0.23	10.35	18.92	83.84	86.68
04-Sep-13 21:00:00	04-Sep-13 22:00:00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	04-Sep-13 21:00:00	0.23	10.35	18.92	83.84	86.68
04-Sep-13 22:00:00	04-Sep-13 23:00:00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	04-Sep-13 22:00:00	0.23	10.35	18.92	83.84	86.68
04-Sep-13 23:00:00	05-Sep-13 00:00:00	0.00	3.27	0.00	6.65	2.1	329.7	0.00	1.08	0.00	2.19	0.23	10.35	18.92	83.84	86.68	04-Sep-13 23:00:00	0.23	11.43	18.92	83.84	86.68
05-Sep-13 00:00:00	05-Sep-13 01:00:00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	05-Sep-13 00:00:00	0.23	10.35	18.92	83.84	86.68
05-Sep-13 01:00:00	05-Sep-13 02:00:00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	05-Sep-13 01:00:00	0.23	10.35	18.92	83.84	86.68
05-Sep-13 02:00:00	05-Sep-13 03:00:00	0.00	0.66	0.00	7.02	2.1	329.7	0.00	0.22	0.00	2.31	0.23	10.35	18.92	83.84	86.68	05-Sep-13 02:00:00	0.23	10.57	18.92	83.84	86.68
05-Sep-13 03:00:00	05-Sep-13 04:00:00	0.00	2.39	0.00	7.07	2.1	329.7	0.00	0.79	0.00	2.33	0.23	10.35	18.92	83.84	86.68	05-Sep-13 03:00:00	0.23	11.14	18.92	83.84	86.68
05-Sep-13 04:00:00	05-Sep-13 05:00:00	0.00	0.09	0.00	7.11	2.1	329.7	0.00	0.03	0.00	2.35	0.23	10.35	18.92	83.84	86.68	05-Sep-13 04:00:00	0.23	10.38	18.92	83.84	86.68
05-Sep-13 05:00:00	05-Sep-13 06:00:00	0.00	2.32	0.00	7.12	2.1	329.7	0.00	0.76	0.00	2.34	0.23	10.35	18.92	83.84	86.68	05-Sep-13 05:00:00	0.23	11.31	18.92	83.84	86.68
05-Sep-13 06:00:00	05-Sep-13 07:00:00	0.00	12.99	0.00	6.99	2.1	329.7	0.00	4.28	0.00	2.30	0.23	10.35	18.92	83.84	86.68	05-Sep-13 06:00:00	0.23	14.63	18.92	83.84	86.68
05-Sep-13 07:00:00	05-Sep-13 08:00:00	0.00	7.76	0.00	6.93	2.1	329.7	0.00	2.56	0.00	2.28	0.23	10.35	18.92	83.84	86.68	05-Sep-13 07:00:00	0.23	12.91	18.92	83.84	86.68
05-Sep-13 08:00:00	05-Sep-13 09:00:00	0.00	8.02	0.00	6.87	2.1	329.7	0.00	2.64	0.00	2.27	0.23	10.35	18.92	83.84	86.68	05-Sep-13 08:00:00	0.23	12.99	18.92	83.84	86.68
05-Sep-13 09:00:00	05-Sep-13 10:00:00	0.00	10.62	0.00	6.83	2.1	329.7	0.00	3.50	0.00	2.25	0.23	10.35	18.92	83.84	86.68	05-Sep-13 09:00:00	0.23	13.85	18.92	83.84	86.68
05-Sep-13 10:00:00	05-Sep-13 11:00:00	0.00	7.43	0.00	6.56	2.1	329.7	0.00	2.45	0.00	2.16	0.23	10.35	18.92	83.84	86.68	05-Sep-13 10:00:00	0.23	12.80	18.92	83.84	86.68
05-Sep-13 11:00:00	05-Sep-13 12:00:00	0.00	3.78	0.00	6.18	2.1	329.7	0.00	1.25	0.00	2.04	0.23	10.35	18.92	83.84	86.68	05-Sep-13 11:00:00	0.23	11.60	18.92	83.84	86.68
05-Sep-13 12:00:00	05-Sep-13 13:00:00	0.00	0.40	0.00	5.79	2.1	329.7	0.00	0.13	0.00	1.91	0.23	10.35	18.92	83.84	86.68	05-Sep-13 12:00:00	0.23	10.48	18.92	83.84	86.68
05-Sep-13 13:00:00	05-Sep-13 14:00:00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	05-Sep-13 13:00:00	0.23	10.35	18.92	83.84	86.68
05-Sep-13 14:00:00	05-Sep-13 15:00:00	0.00	1.40	0.00	5.39	2.1	329.7	0.00	0.46	0.00	1.78	0.23	10.35	18.92	83.84	86.68	05-Sep-13 14:00:00	0.23	10.81	18.92	83.84	86.68
05-Sep-13 15:00:00	05-Sep-13 16:00:00	0.00	348.18	0.00	5.33	2.1	329.7	0.00	114.79	0.00	1.76	0.23	10.35	18.92	83.84	86.68	05-Sep-13 15:00:00	0.23	125.14	18.92	83.84	86.68
05-Sep-13 16:00:00	05-Sep-13 17:00:00	0.00	285.10	0.00	5.27	2.1	329.7	0.00	93.34	0.00	1.74	0.23	10.35	18.92	83.84	86.68	05-Sep-13 16:00:00	0.23	103.69	18.92	83.84	86.68
05-Sep-13 17:00:00	05-Sep-13 18:00:00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	05-Sep-13 17:00:00	0.23	10.35	18.92		

07-Sep-13 17:00:00	07-Sep-13 18:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	07-Sep-13 17:00:00	0.23	10.35	18.92	83.84	86.68
07-Sep-13 18:00:00	07-Sep-13 19:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	07-Sep-13 18:00:00	0.23	10.35	18.92	83.84	86.74
07-Sep-13 19:00:00	07-Sep-13 20:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	07-Sep-13 19:00:00	0.23	10.35	18.92	83.84	86.77
07-Sep-13 20:00:00	07-Sep-13 21:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	07-Sep-13 20:00:00	0.23	10.35	18.92	83.84	86.80
07-Sep-13 21:00:00	07-Sep-13 22:00:00	0.00	0.87	0.00	0.00	6.52	2.1	329.7	0.00	0.29	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	07-Sep-13 21:00:00	0.23	10.64	18.92	83.84	86.83
07-Sep-13 22:00:00	07-Sep-13 23:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	07-Sep-13 22:00:00	0.23	10.35	18.92	83.84	86.86
07-Sep-13 23:00:00	08-Sep-13 00:00:00	0.00	0.62	0.00	0.00	6.69	2.1	329.7	0.00	0.30	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	07-Sep-13 23:00:00	0.23	10.35	18.92	83.84	86.89
08-Sep-13 00:00:00	08-Sep-13 01:00:00	0.00	2.91	0.00	0.00	7.16	2.1	329.7	0.00	0.96	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	08-Sep-13 00:00:00	0.23	11.31	18.92	83.84	86.94
08-Sep-13 01:00:00	08-Sep-13 02:00:00	0.00	5.12	0.00	0.00	7.00	2.1	329.7	0.00	1.69	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	08-Sep-13 01:00:00	0.23	12.04	18.92	83.84	86.99
08-Sep-13 02:00:00	08-Sep-13 03:00:00	0.00	10.66	0.00	0.00	7.10	2.1	329.7	0.00	3.51	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	08-Sep-13 02:00:00	0.23	13.86	18.92	83.84	87.02
08-Sep-13 03:00:00	08-Sep-13 04:00:00	0.00	7.94	0.00	0.00	7.19	2.1	329.7	0.00	2.62	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	08-Sep-13 03:00:00	0.23	12.97	18.92	83.84	87.05
08-Sep-13 04:00:00	08-Sep-13 05:00:00	0.00	7.29	0.00	0.00	7.35	2.1	329.7	0.00	2.40	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Sep-13 04:00:00	0.23	12.75	18.92	83.84	87.10
08-Sep-13 05:00:00	08-Sep-13 06:00:00	0.00	1.70	0.00	0.00	7.38	2.1	329.7	0.00	0.56	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	08-Sep-13 05:00:00	0.23	10.91	18.92	83.84	87.11
08-Sep-13 06:00:00	08-Sep-13 07:00:00	0.00	0.73	0.00	0.00	7.39	2.1	329.7	0.00	0.24	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	08-Sep-13 06:00:00	0.23	10.59	18.92	83.84	87.12
08-Sep-13 07:00:00	08-Sep-13 08:00:00	0.00	0.15	0.00	0.00	7.39	2.1	329.7	0.00	0.05	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	08-Sep-13 07:00:00	0.23	10.40	18.92	83.84	87.12
08-Sep-13 08:00:00	08-Sep-13 09:00:00	0.00	0.38	0.00	0.00	7.16	2.1	329.7	0.00	0.12	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	08-Sep-13 08:00:00	0.23	10.47	18.92	83.84	87.04
08-Sep-13 09:00:00	08-Sep-13 10:00:00	0.00	0.60	0.00	0.00	6.69	2.1	329.7	0.00	0.20	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	08-Sep-13 09:00:00	0.23	10.55	18.92	83.84	86.89
08-Sep-13 10:00:00	08-Sep-13 11:00:00	0.00	0.86	0.00	0.00	6.25	2.1	329.7	0.00	0.28	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	08-Sep-13 10:00:00	0.23	10.63	18.92	83.84	86.74
08-Sep-13 11:00:00	08-Sep-13 12:00:00	0.00	4.47	0.00	0.00	5.90	2.1	329.7	0.00	1.47	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	08-Sep-13 11:00:00	0.23	11.82	18.92	83.84	86.59
08-Sep-13 12:00:00	08-Sep-13 13:00:00	0.00	1.75	0.00	0.00	5.57	2.1	329.7	0.00	0.58	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	08-Sep-13 12:00:00	0.23	10.93	18.92	83.84	86.52
08-Sep-13 13:00:00	08-Sep-13 14:00:00	0.00	3.69	0.00	0.00	5.49	2.1	329.7	0.00	1.22	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	08-Sep-13 13:00:00	0.23	11.57	18.92	83.84	86.49
08-Sep-13 14:00:00	08-Sep-13 15:00:00	0.00	3.45	0.00	0.00	5.39	2.1	329.7	0.00	1.14	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	08-Sep-13 14:00:00	0.23	11.49	18.92	83.84	86.46
08-Sep-13 15:00:00	08-Sep-13 16:00:00	0.00	9.77	0.00	0.00	5.29	2.1	329.7	0.00	3.22	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	08-Sep-13 15:00:00	0.23	13.57	18.92	83.84	86.42
08-Sep-13 16:00:00	08-Sep-13 17:00:00	0.00	1.87	0.00	0.00	6.14	2.1	329.7	0.00	0.62	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	08-Sep-13 16:00:00	0.23	10.97	18.92	83.84	86.71
08-Sep-13 17:00:00	08-Sep-13 18:00:00	0.00	1.83	0.00	0.00	8.61	2.1	329.7	0.00	0.60	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	08-Sep-13 17:00:00	0.23	10.95	18.92	83.84	86.52
08-Sep-13 18:00:00	08-Sep-13 19:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	08-Sep-13 18:00:00	0.23	10.35	18.92	83.84	86.51
08-Sep-13 19:00:00	08-Sep-13 20:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	08-Sep-13 19:00:00	0.23	10.35	18.92	83.84	86.59
08-Sep-13 20:00:00	08-Sep-13 21:00:00	0.00	1.29	0.00	0.00	6.04	2.1	329.7	0.00	0.43	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	08-Sep-13 20:00:00	0.23	10.78	18.92	83.84	86.67
08-Sep-13 21:00:00	08-Sep-13 22:00:00	0.00	8.81	0.00	0.00	6.28	2.1	329.7	0.00	0.27	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	08-Sep-13 21:00:00	0.23	10.62	18.92	83.84	86.75
08-Sep-13 22:00:00	08-Sep-13 23:00:00	0.00	3.01	0.00	0.00	6.40	2.1	329.7	0.00	0.99	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	08-Sep-13 22:00:00	0.23	11.34	18.92	83.84	86.79
08-Sep-13 23:00:00	09-Sep-13 00:00:00	0.00	0.12	0.00	0.00	6.54	2.1	329.7	0.00	0.04	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	08-Sep-13 23:00:00	0.23	10.39	18.92	83.84	86.83
09-Sep-13 00:00:00	09-Sep-13 01:00:00	0.00	0.31	0.00	0.00	6.20	2.1	329.7	0.00	0.10	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	09-Sep-13 00:00:00	0.23	10.45	18.92	83.84	86.84
09-Sep-13 01:00:00	09-Sep-13 02:00:00	0.00	0.16	0.00	0.00	6.80	2.1	329.7	0.00	0.05	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	09-Sep-13 01:00:00	0.23	10.40	18.92	83.84	86.92
09-Sep-13 02:00:00	09-Sep-13 03:00:00	0.00	3.90	0.00	0.00	6.85	2.1	329.7	0.00	1.29	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	09-Sep-13 02:00:00	0.23	11.64	18.92	83.84	86.94
09-Sep-13 03:00:00	09-Sep-13 04:00:00	0.00	4.22	0.00	0.00	6.87	2.1	329.7	0.00	1.39	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	09-Sep-13 03:00:00	0.23	11.74	18.92	83.84	86.95
09-Sep-13 04:00:00	09-Sep-13 05:00:00	0.00	4.38	0.00	0.00	7.07	2.1	329.7	0.00	1.45	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	09-Sep-13 04:00:00	0.23	11.80	18.92	83.84	87.01
09-Sep-13 05:00:00	09-Sep-13 06:00:00	0.00	6.26	0.00	0.00	6.97	2.1	329.7	0.00	2.06	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	09-Sep-13 05:00:00	0.23	12.41	18.92	83.84	86.98
09-Sep-13 06:00:00	09-Sep-13 07:00:00	0.00	4.80	0.00	0.00	6.91	2.1	329.7	0.00	1.58	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	09-Sep-13 06:00:00	0.23	11.93	18.92	83.84	86.96
09-Sep-13 07:00:00	09-Sep-13 08:00:00	0.00	5.39	0.00	0.00	6.85	2.1	329.7	0.00	1.78	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	09-Sep-13 07:00:00	0.23	12.13	18.92	83.84	86.94
09-Sep-13 08:00:00	09-Sep-13 09:00:00	0.00	0.00	0.00	8.28	6.77	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	09-Sep-13 08:00:00	0.23	10.35	18.92	83.84	86.57
09-Sep-13 09:00:00	09-Sep-13 10:00:00	0.00	209.71	0.00	64.15	6.50	2.1	329.7	0.00	69.14	0.00	21.15	2.14	0.23	10.35	18.92	83.84	86.68	09-Sep-13 09:00:00	0.23	79.49	18.92	104.99	88.8

11-Sep-13 12:00:00	11-Sep-13 13:00:00	0.00	0.84	0.00	0.00	5.78	2.1	329.7	0.00	0.28	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Sep-13 12:00:00	0.23	10.63	18.92	83.84	88.58
11-Sep-13 13:00:00	11-Sep-13 14:00:00	0.00	1.28	0.00	0.00	5.66	2.1	329.7	0.00	0.42	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	11-Sep-13 13:00:00	0.23	10.77	18.92	83.84	88.55
11-Sep-13 14:00:00	11-Sep-13 15:00:00	0.00	16.35	0.00	0.00	5.56	2.1	329.7	0.00	5.39	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	11-Sep-13 14:00:00	0.23	15.74	18.92	83.84	88.51
11-Sep-13 15:00:00	11-Sep-13 16:00:00	0.00	9.67	0.00	0.00	5.45	2.1	329.7	0.00	3.19	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	11-Sep-13 15:00:00	0.23	13.54	18.92	83.84	88.48
11-Sep-13 16:00:00	11-Sep-13 17:00:00	0.00	19.52	0.00	0.00	5.37	2.1	329.7	0.00	6.44	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	11-Sep-13 16:00:00	0.23	16.79	18.92	83.84	88.45
11-Sep-13 17:00:00	11-Sep-13 18:00:00	0.00	18.50	0.00	0.00	5.45	2.1	329.7	0.00	6.10	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	11-Sep-13 17:00:00	0.23	16.45	18.92	83.84	88.46
11-Sep-13 18:00:00	11-Sep-13 19:00:00	0.00	2.85	0.00	0.00	6.43	2.1	329.7	0.00	0.94	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	11-Sep-13 18:00:00	0.23	11.39	18.92	83.84	88.51
11-Sep-13 19:00:00	11-Sep-13 20:00:00	0.00	164.00	0.00	0.00	5.67	2.1	329.7	0.00	54.07	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	11-Sep-13 19:00:00	0.23	64.42	18.92	83.84	88.55
11-Sep-13 20:00:00	11-Sep-13 21:00:00	0.00	964.68	0.00	0.00	5.78	2.1	329.7	0.00	318.06	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	11-Sep-13 20:00:00	0.23	328.41	18.92	83.84	88.59
11-Sep-13 21:00:00	11-Sep-13 22:00:00	0.00	1,242.58	0.00	0.00	5.99	2.1	329.7	0.00	409.68	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	11-Sep-13 21:00:00	0.23	420.03	18.92	83.84	88.66
11-Sep-13 22:00:00	11-Sep-13 23:00:00	0.00	1,227.41	0.00	0.00	6.25	2.1	329.7	0.00	404.68	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	11-Sep-13 22:00:00	0.23	415.03	18.92	83.84	88.74
11-Sep-13 23:00:00	12-Sep-13 00:00:00	0.00	1,215.40	0.00	0.00	6.50	2.1	329.7	0.00	400.72	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	11-Sep-13 23:00:00	0.23	411.07	18.92	83.84	88.82
12-Sep-13 00:00:00	12-Sep-13 01:00:00	0.00	1,240.43	0.00	0.00	6.72	2.1	329.7	0.00	408.97	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	12-Sep-13 00:00:00	0.23	419.32	18.92	83.84	88.90
12-Sep-13 01:00:00	12-Sep-13 02:00:00	0.00	1,337.28	0.00	0.00	6.79	2.1	329.7	0.00	440.90	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	12-Sep-13 01:00:00	0.23	451.25	18.92	83.84	88.92
12-Sep-13 02:00:00	12-Sep-13 03:00:00	0.00	1,372.93	0.00	0.00	7.06	2.1	329.7	0.00	452.66	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	12-Sep-13 02:00:00	0.23	463.01	18.92	83.84	89.01
12-Sep-13 03:00:00	12-Sep-13 04:00:00	0.00	1,326.24	0.00	0.00	6.92	2.1	329.7	0.00	437.26	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	12-Sep-13 03:00:00	0.23	447.61	18.92	83.84	88.96
12-Sep-13 04:00:00	12-Sep-13 05:00:00	0.00	1,386.95	0.00	0.00	6.93	2.1	329.7	0.00	457.28	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	12-Sep-13 04:00:00	0.23	467.63	18.92	83.84	88.97
12-Sep-13 05:00:00	12-Sep-13 06:00:00	0.00	1,200.02	0.00	0.00	6.94	2.1	329.7	0.00	395.65	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	12-Sep-13 05:00:00	0.23	406.00	18.92	83.84	88.97
12-Sep-13 06:00:00	12-Sep-13 07:00:00	0.00	1,018.06	0.00	0.00	6.94	2.1	329.7	0.00	335.65	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	12-Sep-13 06:00:00	0.23	346.00	18.92	83.84	88.97
12-Sep-13 07:00:00	12-Sep-13 08:00:00	0.00	1,188.18	0.00	0.00	6.92	2.1	329.7	0.00	391.74	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	12-Sep-13 07:00:00	0.23	402.09	18.92	83.84	88.96
12-Sep-13 08:00:00	12-Sep-13 09:00:00	0.00	1,173.83	0.00	20.74	6.92	2.1	329.7	0.00	387.01	0.00	6.84	2.28	0.23	10.35	18.92	83.84	86.68	12-Sep-13 08:00:00	0.23	397.36	18.92	90.68	88.96
12-Sep-13 09:00:00	12-Sep-13 10:00:00	0.00	1,126.03	0.00	13.07	6.91	2.1	329.7	0.00	371.25	0.00	4.31	2.28	0.23	10.35	18.92	83.84	86.68	12-Sep-13 09:00:00	0.23	381.60	18.92	88.15	88.96
12-Sep-13 10:00:00	12-Sep-13 11:00:00	0.00	705.20	0.00	7.15	6.85	2.1	329.7	0.00	232.50	0.00	2.36	2.26	0.23	10.35	18.92	83.84	86.68	12-Sep-13 10:00:00	0.23	242.85	18.92	86.20	88.94
12-Sep-13 11:00:00	12-Sep-13 12:00:00	0.00	1,009.88	0.00	0.00	6.55	2.1	329.7	0.00	320.56	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	12-Sep-13 11:00:00	0.23	343.31	18.92	83.84	88.84
12-Sep-13 12:00:00	12-Sep-13 13:00:00	0.00	972.18	0.00	0.00	6.22	2.1	329.7	0.00	332.53	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	12-Sep-13 12:00:00	0.23	330.88	18.92	83.84	88.73
12-Sep-13 13:00:00	12-Sep-13 14:00:00	0.00	996.38	0.00	0.00	5.90	2.1	329.7	0.00	328.51	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	12-Sep-13 13:00:00	0.23	338.86	18.92	83.84	88.63
12-Sep-13 14:00:00	12-Sep-13 15:00:00	0.00	254.74	0.00	0.00	5.73	2.1	329.7	0.00	83.99	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	12-Sep-13 14:00:00	0.23	94.34	18.92	83.84	88.57
12-Sep-13 15:00:00	12-Sep-13 16:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	12-Sep-13 15:00:00	0.23	10.35	18.92	83.84	88.57
12-Sep-13 16:00:00	12-Sep-13 17:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	12-Sep-13 16:00:00	0.23	10.35	18.92	83.84	88.56
12-Sep-13 17:00:00	12-Sep-13 18:00:00	0.00	0.66	0.00	0.00	5.65	2.1	329.7	0.00	0.22	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	12-Sep-13 17:00:00	0.23	10.57	18.92	83.84	88.54
12-Sep-13 18:00:00	12-Sep-13 19:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	12-Sep-13 18:00:00	0.23	10.55	18.92	83.84	88.55
12-Sep-13 19:00:00	12-Sep-13 20:00:00	0.00	0.79	0.00	0.00	6.22	2.1	329.7	0.00	0.26	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	12-Sep-13 19:00:00	0.27	10.52	18.92	83.84	88.62
12-Sep-13 20:00:00	12-Sep-13 21:00:00	0.11	0.50	0.00	0.00	6.22	2.1	329.7	0.04	0.17	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	12-Sep-13 20:00:00	0.27	10.52	18.92	83.84	88.72
12-Sep-13 21:00:00	12-Sep-13 22:00:00	0.21	0.49	0.00	0.00	6.51	2.1	329.7	0.07	0.16	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	12-Sep-13 21:00:00	0.30	10.51	18.92	83.84	88.83
12-Sep-13 22:00:00	12-Sep-13 23:00:00	0.77	0.51	0.00	0.00	6.69	2.1	329.7	0.26	0.17	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	12-Sep-13 22:00:00	0.49	10.52	18.92	83.84	88.88
12-Sep-13 23:00:00	13-Sep-13 00:00:00	0.00	1.79	0.00	0.00	6.73	2.1	329.7	0.00	0.59	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	12-Sep-13 23:00:00	0.23	10.94	18.92	83.84	88.90
13-Sep-13 00:00:00	13-Sep-13 01:00:00	0.00	3.16	0.00	0.00	6.79	2.1	329.7	0.00	1.04	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	13-Sep-13 00:00:00	0.23	11.39	18.92	83.84	88.92
13-Sep-13 01:00:00	13-Sep-13 02:00:00	0.00	7.68	0.00	0.00	6.86	2.1	329.7	0.00	2.53	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	13-Sep-13 01:00:00	0.23	12.88	18.92	83.84	88.94
13-Sep-13 02:00:00	13-Sep-13 03:00:00	0.00	0.99	0.00	0.00	6.87	2.1	329.7	0.00	0.33	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	13-Sep-13 02:00:00	0.23	10.68	18.92	83.84	88.94
13-Sep-13 03:00:00	13-Sep-13 04:00:00	0.00	0.48	0.00	0.00	6.87	2.1	329.7	0.00	0.16	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	13-Sep-13 03:00:00	0.23	10.51	18.92	83.84	88.94
13-Sep-13 04:00:00	13-Sep-13 05:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	13-Sep-13 04:00:00	0.23	10.35	18.92	83.84	88.95
13-Sep-13 05:00:00	13-Sep-13 06:00:00	0.00	0.00	0.00	0.00	6.92	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	13-Sep-13 05:00:00	0.23	10.35	18.92	83.84	88.96
13-Sep-13 06:00:00	13-Sep-13 07:00:00	0.00	0.00	0.00	0.00	6.88	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	13-Sep-13 06:00:00	0.23	10.35	18.92	83.84	88.95
13-Sep-13 07:00:00	13-Sep-13 08:00:00	0.00	0.00	0.00	0.00	6.70	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	13-Sep-13 07:00:00	0.23	10.35	18.92	83.84	88.89
13-Sep-13 08:00:00	13-Sep-13																							

15-Sep-13 07:00:00	15-Sep-13 08:00:00	0.00	0.02	0.00	0.00	7.39	2.1	329.7	0.00	0.01	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	15-Sep-13 07:00:00	0.23	10.36	18.92	83.84	89.12
15-Sep-13 08:00:00	15-Sep-13 09:00:00	0.00	4.29	0.00	0.00	7.11	2.1	329.7	0.00	1.42	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	15-Sep-13 08:00:00	0.23	11.77	18.92	83.84	89.03
15-Sep-13 09:00:00	15-Sep-13 10:00:00	0.00	0.00	0.00	0.00	6.84	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	15-Sep-13 09:00:00	0.23	10.35	18.92	83.84	88.93
15-Sep-13 10:00:00	15-Sep-13 11:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	15-Sep-13 10:00:00	0.23	10.35	18.92	83.84	88.84
15-Sep-13 11:00:00	15-Sep-13 12:00:00	0.00	0.31	0.00	0.00	6.31	2.1	329.7	0.00	0.41	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	15-Sep-13 11:00:00	0.23	10.45	18.92	83.84	88.76
15-Sep-13 12:00:00	15-Sep-13 13:00:00	0.00	1.23	0.00	0.00	6.12	2.1	329.7	0.00	0.41	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	15-Sep-13 12:00:00	0.23	10.76	18.92	83.84	88.70
15-Sep-13 13:00:00	15-Sep-13 14:00:00	0.00	0.85	0.00	0.00	6.23	2.1	329.7	0.00	0.28	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	15-Sep-13 13:00:00	0.23	10.63	18.92	83.84	88.73
15-Sep-13 14:00:00	15-Sep-13 15:00:00	0.00	4.98	0.00	0.00	5.74	2.1	329.7	0.00	1.64	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	15-Sep-13 14:00:00	0.23	11.99	18.92	83.84	88.57
15-Sep-13 15:00:00	15-Sep-13 16:00:00	0.00	3.94	0.00	0.00	5.57	2.1	329.7	0.00	1.30	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	15-Sep-13 15:00:00	0.23	11.65	18.92	83.84	88.52
15-Sep-13 16:00:00	15-Sep-13 17:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	15-Sep-13 16:00:00	0.23	10.35	18.92	83.84	88.46
15-Sep-13 17:00:00	15-Sep-13 18:00:00	0.00	5.04	0.00	0.00	5.30	2.1	329.7	0.00	1.66	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	15-Sep-13 17:00:00	0.23	12.01	18.92	83.84	88.43
15-Sep-13 18:00:00	15-Sep-13 19:00:00	0.00	6.18	0.00	0.00	5.43	2.1	329.7	0.00	2.04	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	15-Sep-13 18:00:00	0.23	12.39	18.92	83.84	88.47
15-Sep-13 19:00:00	15-Sep-13 20:00:00	0.00	5.08	0.00	0.00	5.59	2.1	329.7	0.00	1.68	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	15-Sep-13 19:00:00	0.23	12.03	18.92	83.84	88.52
15-Sep-13 20:00:00	15-Sep-13 21:00:00	0.00	4.24	0.00	0.00	5.75	2.1	329.7	0.00	1.40	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	15-Sep-13 20:00:00	0.23	11.75	18.92	83.84	88.58
15-Sep-13 21:00:00	15-Sep-13 22:00:00	0.00	3.62	0.00	0.00	8.60	2.1	329.7	0.00	1.19	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	15-Sep-13 21:00:00	0.23	11.54	18.92	83.84	89.52
15-Sep-13 22:00:00	15-Sep-13 23:00:00	0.00	4.61	0.00	0.00	6.02	2.1	329.7	0.00	1.52	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	15-Sep-13 22:00:00	0.23	11.87	18.92	83.84	88.67
15-Sep-13 23:00:00	16-Sep-13 00:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	15-Sep-13 23:00:00	0.23	10.35	18.92	83.84	88.72
16-Sep-13 00:00:00	16-Sep-13 01:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	16-Sep-13 00:00:00	0.23	10.35	18.92	83.84	88.76
16-Sep-13 01:00:00	16-Sep-13 02:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	16-Sep-13 01:00:00	0.23	10.35	18.92	83.84	88.82
16-Sep-13 02:00:00	16-Sep-13 03:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	16-Sep-13 02:00:00	0.23	10.35	18.92	83.84	88.81
16-Sep-13 03:00:00	16-Sep-13 04:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	16-Sep-13 03:00:00	0.23	10.35	18.92	83.84	88.80
16-Sep-13 04:00:00	16-Sep-13 05:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	16-Sep-13 04:00:00	0.23	10.35	18.92	83.84	88.78
16-Sep-13 05:00:00	16-Sep-13 06:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	16-Sep-13 05:00:00	0.23	10.35	18.92	83.84	88.79
16-Sep-13 06:00:00	16-Sep-13 07:00:00	0.00	0.10	0.00	0.00	6.56	2.1	329.7	0.00	0.03	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	16-Sep-13 06:00:00	0.23	10.38	18.92	83.84	88.84
16-Sep-13 07:00:00	16-Sep-13 08:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	16-Sep-13 07:00:00	0.23	10.35	18.92	83.84	88.89
16-Sep-13 08:00:00	16-Sep-13 09:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	16-Sep-13 08:00:00	0.23	10.35	18.92	83.84	88.94
16-Sep-13 09:00:00	16-Sep-13 10:00:00	0.00	0.00	0.00	0.00	6.78	2.1	329.7	0.00	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	16-Sep-13 09:00:00	0.23	10.35	18.92	83.84	88.92
16-Sep-13 10:00:00	16-Sep-13 11:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	16-Sep-13 10:00:00	0.23	10.35	18.92	83.84	88.81
16-Sep-13 11:00:00	16-Sep-13 12:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	16-Sep-13 11:00:00	0.23	10.35	18.92	83.84	88.71
16-Sep-13 12:00:00	16-Sep-13 13:00:00	0.00	0.00	0.00	0.00	7.84	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	16-Sep-13 12:00:00	0.23	10.35	18.92	83.84	89.26
16-Sep-13 13:00:00	16-Sep-13 14:00:00	0.00	2.73	0.00	0.00	8.15	2.1	329.7	0.00	0.90	0.00	0.00	2.89	0.23	10.35	18.92	83.84	86.68	16-Sep-13 13:00:00	0.23	11.25	18.92	83.84	89.37
16-Sep-13 14:00:00	16-Sep-13 15:00:00	0.00	1.88	0.00	0.00	6.24	2.1	329.7	0.00	0.62	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	16-Sep-13 14:00:00	0.23	10.97	18.92	83.84	89.27
16-Sep-13 15:00:00	16-Sep-13 16:00:00	0.00	9.34	0.00	0.00	6.24	2.1	329.7	0.00	3.08	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	16-Sep-13 15:00:00	0.23	13.43	18.92	83.84	88.74
16-Sep-13 16:00:00	16-Sep-13 17:00:00	0.00	17.82	0.00	0.00	5.38	2.1	329.7	0.00	5.87	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	16-Sep-13 16:00:00	0.23	16.22	18.92	83.84	88.46
16-Sep-13 17:00:00	16-Sep-13 18:00:00	0.00	15.53	0.00	0.00	5.30	2.1	329.7	0.00	5.12	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	16-Sep-13 17:00:00	0.23	15.47	18.92	83.84	88.43
16-Sep-13 18:00:00	16-Sep-13 19:00:00	0.00	12.25	0.00	0.00	5.36	2.1	329.7	0.00	4.04	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	16-Sep-13 18:00:00	0.23	14.39	18.92	83.84	88.45
16-Sep-13 19:00:00	16-Sep-13 20:00:00	0.00	13.71	0.00	0.00	5.43	2.1	329.7	0.00	4.52	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	16-Sep-13 19:00:00	0.23	14.87	18.92	83.84	88.47
16-Sep-13 20:00:00	16-Sep-13 21:00:00	0.00	5.59	0.00	0.00	5.55	2.1	329.7	0.00	1.84	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	16-Sep-13 20:00:00	0.23	12.19	18.92	83.84	88.51
16-Sep-13 21:00:00	16-Sep-13 22:00:00	0.00	0.42	0.00	0.00	5.80	2.1	329.7	0.00	0.14	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	16-Sep-13 21:00:00	0.23	10.49	18.92	83.84	88.59
16-Sep-13 22:00:00	16-Sep-13 23:00:00	0.00	0.07	0.00	0.00	5.98	2.1	329.7	0.00	0.02	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	16-Sep-13 22:00:00	0.23	10.37	18.92	83.84	88.65
16-Sep-13 23:00:00	17-Sep-13 00:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	16-Sep-13 23:00:00	0.23	10.35	18.92	83.84	88.71
17-Sep-13 00:00:00	17-Sep-13 01:00:00	0.00	6.96	0.00	0.00	6.38	2.1	329.7	0.00	2.29	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	17-Sep-13 00:00:00	0.23	12.64	18.92	83.84	88.78
17-Sep-13 01:00:00	17-Sep-13 02:00:00	0.00	0.34	0.00	0.00	6.60	2.1	329.7	0.00	0.11	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	17-Sep-13 01:00:00	0.23	10.46	18.92	83.84	88.86
17-Sep-13 02:00:00	17-Sep-13 03:00:00	0.00	0.42	0.00	0.00	6.79	2.1	329.7	0.00	0.14	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	17-Sep-13 02:00:00	0.23	10.49	18.92	83.84	88.92
17-Sep-13 03:00:00	17-Sep-13 04:00:00	0.00	1.21	0.00	0.00	6.98	2.1	329.7	0.00	0.40	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	17-Sep-13 03:00:00	0.23	10.75	18.92	83.84	88.98
17-Sep-13 04:00:00	17-Sep-13 05:																							

19-Sep-13 02:00:00	19-Sep-13 03:00:00	0.00	0.12	0.00	0.00	6.94	2.1	329.7	0.00	0.04	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	19-Sep-13 02:00:00	0.23	10.39	18.92	83.84	88.97
19-Sep-13 03:00:00	19-Sep-13 04:00:00	0.00	2.15	0.00	0.00	6.93	2.1	329.7	0.00	0.71	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	19-Sep-13 03:00:00	0.23	11.06	18.92	83.84	88.97
19-Sep-13 04:00:00	19-Sep-13 05:00:00	0.00	4.47	0.00	0.00	6.95	2.1	329.7	0.00	1.48	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	19-Sep-13 04:00:00	0.23	11.83	18.92	83.84	88.97
19-Sep-13 05:00:00	19-Sep-13 06:00:00	0.00	4.88	0.00	0.00	6.97	2.1	329.7	0.00	1.61	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	19-Sep-13 05:00:00	0.23	11.96	18.92	83.84	88.98
19-Sep-13 06:00:00	19-Sep-13 07:00:00	0.00	1.50	0.00	0.00	6.99	2.1	329.7	0.00	0.50	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	19-Sep-13 06:00:00	0.23	10.85	18.92	83.84	88.99
19-Sep-13 07:00:00	19-Sep-13 08:00:00	0.00	0.97	0.00	0.00	7.01	2.1	329.7	0.00	0.32	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	19-Sep-13 07:00:00	0.23	10.67	18.92	83.84	88.99
19-Sep-13 08:00:00	19-Sep-13 09:00:00	0.00	0.44	0.00	0.00	7.02	2.1	329.7	0.00	0.14	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	19-Sep-13 08:00:00	0.23	10.49	18.92	83.84	88.99
19-Sep-13 09:00:00	19-Sep-13 10:00:00	0.00	0.07	0.00	0.00	7.03	2.1	329.7	0.00	0.02	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	19-Sep-13 09:00:00	0.23	10.37	18.92	83.84	89.00
19-Sep-13 10:00:00	19-Sep-13 11:00:00	0.00	0.21	0.00	0.00	6.90	2.1	329.7	0.00	0.07	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	19-Sep-13 10:00:00	0.23	10.42	18.92	83.84	88.95
19-Sep-13 11:00:00	19-Sep-13 12:00:00	0.00	0.39	0.00	0.00	6.60	2.1	329.7	0.00	0.13	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Sep-13 11:00:00	0.23	10.48	18.92	83.84	88.86
19-Sep-13 12:00:00	19-Sep-13 13:00:00	0.00	0.63	0.00	0.00	6.31	2.1	329.7	0.00	0.21	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	19-Sep-13 12:00:00	0.23	10.56	18.92	83.84	88.76
19-Sep-13 13:00:00	19-Sep-13 14:00:00	0.00	3.00	0.00	0.00	6.02	2.1	329.7	0.00	0.99	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	19-Sep-13 13:00:00	0.23	11.34	18.92	83.84	88.66
19-Sep-13 14:00:00	19-Sep-13 15:00:00	0.00	3.16	0.00	0.00	5.81	2.1	329.7	0.00	1.04	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	19-Sep-13 14:00:00	0.23	11.39	18.92	83.84	88.60
19-Sep-13 15:00:00	19-Sep-13 16:00:00	0.00	4.67	0.00	0.00	5.79	2.1	329.7	0.00	1.54	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	19-Sep-13 15:00:00	0.23	11.89	18.92	83.84	88.59
19-Sep-13 16:00:00	19-Sep-13 17:00:00	0.00	5.96	0.00	0.00	5.77	2.1	329.7	0.00	1.96	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	19-Sep-13 16:00:00	0.23	12.31	18.92	83.84	88.58
19-Sep-13 17:00:00	19-Sep-13 18:00:00	0.00	15.93	0.00	0.00	5.75	2.1	329.7	0.00	5.25	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	19-Sep-13 17:00:00	0.23	15.60	18.92	83.84	88.58
19-Sep-13 18:00:00	19-Sep-13 19:00:00	0.00	10.70	0.00	0.00	5.78	2.1	329.7	0.00	3.53	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	19-Sep-13 18:00:00	0.23	13.88	18.92	83.84	88.59
19-Sep-13 19:00:00	19-Sep-13 20:00:00	0.00	2.04	0.00	0.00	7.13	2.1	329.7	0.00	0.67	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	19-Sep-13 19:00:00	0.23	11.02	18.92	83.84	89.03
19-Sep-13 20:00:00	19-Sep-13 21:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	19-Sep-13 20:00:00	0.23	10.35	18.92	83.84	88.67
19-Sep-13 21:00:00	19-Sep-13 22:00:00	0.00	0.00	0.00	0.00	6.15	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	19-Sep-13 21:00:00	0.23	10.35	18.92	83.84	88.71
19-Sep-13 22:00:00	19-Sep-13 23:00:00	0.00	2.49	0.00	0.00	6.27	2.1	329.7	0.00	0.82	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	19-Sep-13 22:00:00	0.23	11.17	18.92	83.84	88.75
19-Sep-13 23:00:00	20-Sep-13 00:00:00	0.00	1.59	0.00	0.00	6.42	2.1	329.7	0.00	0.53	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	19-Sep-13 23:00:00	0.23	10.88	18.92	83.84	88.80
20-Sep-13 00:00:00	20-Sep-13 01:00:00	0.00	0.82	0.00	0.00	6.45	2.1	329.7	0.00	0.27	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	20-Sep-13 00:00:00	0.23	10.62	18.92	83.84	88.81
20-Sep-13 01:00:00	20-Sep-13 02:00:00	0.00	0.45	0.00	0.00	6.47	2.1	329.7	0.00	0.15	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	20-Sep-13 01:00:00	0.23	10.50	18.92	83.84	88.81
20-Sep-13 02:00:00	20-Sep-13 03:00:00	0.00	0.32	0.00	0.00	6.49	2.1	329.7	0.00	0.10	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	20-Sep-13 02:00:00	0.23	10.45	18.92	83.84	88.82
20-Sep-13 03:00:00	20-Sep-13 04:00:00	0.00	0.09	0.00	0.00	6.47	2.1	329.7	0.00	0.03	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	20-Sep-13 03:00:00	0.23	10.38	18.92	83.84	88.81
20-Sep-13 04:00:00	20-Sep-13 05:00:00	0.00	0.23	0.00	0.00	6.55	2.1	329.7	0.00	0.08	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	20-Sep-13 04:00:00	0.23	10.43	18.92	83.84	88.84
20-Sep-13 05:00:00	20-Sep-13 06:00:00	0.00	3.67	0.00	0.00	6.64	2.1	329.7	0.00	1.21	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	20-Sep-13 05:00:00	0.23	11.56	18.92	83.84	88.87
20-Sep-13 06:00:00	20-Sep-13 07:00:00	0.00	4.49	0.00	0.00	6.72	2.1	329.7	0.00	1.48	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	20-Sep-13 06:00:00	0.23	11.83	18.92	83.84	88.90
20-Sep-13 07:00:00	20-Sep-13 08:00:00	0.00	0.21	0.00	0.00	6.69	2.1	329.7	0.00	0.07	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	20-Sep-13 07:00:00	0.23	10.42	18.92	83.84	88.88
20-Sep-13 08:00:00	20-Sep-13 09:00:00	0.00	0.14	0.00	0.00	6.54	2.1	329.7	0.00	0.05	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	20-Sep-13 08:00:00	0.23	10.40	18.92	83.84	88.84
20-Sep-13 09:00:00	20-Sep-13 10:00:00	0.00	0.07	0.00	0.00	6.47	2.1	329.7	0.00	0.02	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	20-Sep-13 09:00:00	0.23	10.37	18.92	83.84	88.79
20-Sep-13 10:00:00	20-Sep-13 11:00:00	0.00	0.52	0.00	0.00	6.27	2.1	329.7	0.00	0.17	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	20-Sep-13 10:00:00	0.23	10.52	18.92	83.84	88.75
20-Sep-13 11:00:00	20-Sep-13 12:00:00	0.00	0.05	0.00	0.00	6.07	2.1	329.7	0.00	0.02	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	20-Sep-13 11:00:00	0.23	10.37	18.92	83.84	88.68
20-Sep-13 12:00:00	20-Sep-13 13:00:00	0.00	3.31	0.00	0.00	5.80	2.1	329.7	0.00	1.09	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	20-Sep-13 12:00:00	0.23	11.44	18.92	83.84	88.59
20-Sep-13 13:00:00	20-Sep-13 14:00:00	0.00	7.66	0.00	0.00	5.54	2.1	329.7	0.00	2.53	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	20-Sep-13 13:00:00	0.23	12.88	18.92	83.84	88.51
20-Sep-13 14:00:00	20-Sep-13 15:00:00	0.00	1.89	0.00	0.00	5.28	2.1	329.7	0.00	0.62	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	20-Sep-13 14:00:00	0.23	10.97	18.92	83.84	88.42
20-Sep-13 15:00:00	20-Sep-13 16:00:00	0.00	1.46	0.00	0.00	5.16	2.1	329.7	0.00	0.48	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	20-Sep-13 15:00:00	0.23	10.83	18.92	83.84	88.38
20-Sep-13 16:00:00	20-Sep-13 17:00:00	0.00	0.91	0.00	0.00	5.15	2.1	329.7	0.00	0.30	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	20-Sep-13 16:00:00	0.23	10.65	18.92	83.84	88.38
20-Sep-13 17:00:00	20-Sep-13 18:00:00	0.00	0.36	0.00	0.00	5.13	2.1	329.7	0.00	0.12	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	20-Sep-13 17:00:00	0.23	10.47	18.92	83.84	88.37
20-Sep-13 18:00:00	20-Sep-13 19:00:00	0.00	0.01	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	20-Sep-13 18:00:00	0.23	10.35	18.92	83.84	88.37

22-Sep-13 21:00:00	22-Sep-13 22:00:00	0.00	1.75	0.00	0.00	6.50	2.1	329.7	0.00	0.58	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	22-Sep-13 21:00:00	0.23	10.93	18.92	83.84	88.82
22-Sep-13 22:00:00	22-Sep-13 23:00:00	0.00	5.10	0.00	0.00	7.12	2.1	329.7	0.00	1.68	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	22-Sep-13 22:00:00	0.23	12.03	18.92	83.84	89.03
22-Sep-13 23:00:00	23-Sep-13 00:00:00	0.00	5.58	0.00	0.00	6.93	2.1	329.7	0.00	1.84	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	22-Sep-13 23:00:00	0.23	12.19	18.92	83.84	88.97
23-Sep-13 00:00:00	23-Sep-13 01:00:00	0.00	0.56	0.00	0.00	6.94	2.1	329.7	0.00	0.18	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	23-Sep-13 00:00:00	0.23	10.53	18.92	83.84	88.97
23-Sep-13 01:00:00	23-Sep-13 02:00:00	0.00	0.80	0.00	0.00	6.94	2.1	329.7	0.00	0.26	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	23-Sep-13 01:00:00	0.23	10.61	18.92	83.84	88.97
23-Sep-13 02:00:00	23-Sep-13 03:00:00	0.00	6.56	0.00	0.00	6.95	2.1	329.7	0.00	2.16	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	23-Sep-13 02:00:00	0.23	12.51	18.92	83.84	88.97
23-Sep-13 03:00:00	23-Sep-13 04:00:00	0.00	7.64	0.00	0.00	6.95	2.1	329.7	0.00	2.52	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	23-Sep-13 03:00:00	0.23	12.87	18.92	83.84	89.03
23-Sep-13 04:00:00	23-Sep-13 05:00:00	0.00	7.76	0.00	0.00	7.26	2.1	329.7	0.00	2.56	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	23-Sep-13 04:00:00	0.23	12.91	18.92	83.84	89.07
23-Sep-13 05:00:00	23-Sep-13 06:00:00	0.00	14.21	0.00	0.00	7.38	2.1	329.7	0.00	4.69	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	23-Sep-13 05:00:00	0.23	15.04	18.92	83.84	89.11
23-Sep-13 06:00:00	23-Sep-13 07:00:00	0.00	23.50	0.00	0.00	7.50	2.1	329.7	0.00	7.75	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	23-Sep-13 06:00:00	0.23	18.10	18.92	83.84	89.15
23-Sep-13 07:00:00	23-Sep-13 08:00:00	0.00	30.54	0.00	0.00	7.32	2.1	329.7	0.00	10.07	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	23-Sep-13 07:00:00	0.23	20.42	18.92	83.84	89.09
23-Sep-13 08:00:00	23-Sep-13 09:00:00	0.00	12.73	0.00	54.62	7.06	2.1	329.7	0.00	4.20	0.00	18.01	2.33	0.23	10.35	18.92	83.84	86.68	23-Sep-13 08:00:00	0.23	14.55	18.92	101.85	89.01
23-Sep-13 09:00:00	23-Sep-13 10:00:00	0.00	10.49	0.00	57.73	6.79	2.1	329.7	0.00	3.46	0.00	19.03	2.24	0.23	10.35	18.92	83.84	86.68	23-Sep-13 09:00:00	0.23	13.81	18.92	102.87	88.92
23-Sep-13 10:00:00	23-Sep-13 11:00:00	0.00	2.69	0.00	0.00	6.52	2.1	329.7	0.00	0.89	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	23-Sep-13 10:00:00	0.23	11.24	18.92	83.84	88.83
23-Sep-13 11:00:00	23-Sep-13 12:00:00	0.00	5.60	0.00	0.00	6.28	2.1	329.7	0.00	1.85	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	23-Sep-13 11:00:00	0.23	12.20	18.92	83.84	88.75
23-Sep-13 12:00:00	23-Sep-13 13:00:00	0.00	13.11	0.00	0.00	6.15	2.1	329.7	0.00	4.32	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	23-Sep-13 12:00:00	0.23	14.67	18.92	83.84	88.71
23-Sep-13 13:00:00	23-Sep-13 14:00:00	0.00	11.26	0.00	0.00	6.02	2.1	329.7	0.00	3.71	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	23-Sep-13 13:00:00	0.23	14.06	18.92	83.84	88.67
23-Sep-13 14:00:00	23-Sep-13 15:00:00	0.00	6.02	0.00	0.00	5.90	2.1	329.7	0.00	1.99	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	23-Sep-13 14:00:00	0.23	12.34	18.92	83.84	88.63
23-Sep-13 15:00:00	23-Sep-13 16:00:00	0.00	0.20	0.00	0.00	6.03	2.1	329.7	0.00	0.07	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	23-Sep-13 15:00:00	0.23	10.42	18.92	83.84	88.67
23-Sep-13 16:00:00	23-Sep-13 17:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	23-Sep-13 16:00:00	0.23	10.35	18.92	83.84	88.65
23-Sep-13 17:00:00	23-Sep-13 18:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	23-Sep-13 17:00:00	0.23	10.35	18.92	83.84	88.63
23-Sep-13 18:00:00	23-Sep-13 19:00:00	0.00	2.16	0.00	0.00	5.87	2.1	329.7	0.00	0.71	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	23-Sep-13 18:00:00	0.23	11.06	18.92	83.84	88.62
23-Sep-13 19:00:00	23-Sep-13 20:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	23-Sep-13 19:00:00	0.23	10.35	18.92	83.84	88.62
23-Sep-13 20:00:00	23-Sep-13 21:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	23-Sep-13 20:00:00	0.23	10.35	18.92	83.84	88.70
23-Sep-13 21:00:00	23-Sep-13 22:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	23-Sep-13 21:00:00	0.23	10.35	18.92	83.84	88.78
23-Sep-13 22:00:00	23-Sep-13 23:00:00	0.00	0.24	0.00	0.00	6.62	2.1	329.7	0.00	0.08	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	23-Sep-13 22:00:00	0.23	10.43	18.92	83.84	88.86
23-Sep-13 23:00:00	24-Sep-13 00:00:00	0.00	6.34	0.00	0.00	7.03	2.1	329.7	0.00	2.09	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	23-Sep-13 23:00:00	0.23	12.44	18.92	83.84	89.00
24-Sep-13 00:00:00	24-Sep-13 01:00:00	0.00	5.88	0.00	0.00	7.10	2.1	329.7	0.00	1.94	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	24-Sep-13 00:00:00	0.23	12.29	18.92	83.84	89.02
24-Sep-13 01:00:00	24-Sep-13 02:00:00	0.00	3.32	0.00	0.00	7.18	2.1	329.7	0.00	1.09	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	24-Sep-13 01:00:00	0.23	11.44	18.92	83.84	89.05
24-Sep-13 02:00:00	24-Sep-13 03:00:00	0.00	0.00	0.00	0.00	7.25	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	24-Sep-13 02:00:00	0.23	10.35	18.92	83.84	89.07
24-Sep-13 03:00:00	24-Sep-13 04:00:00	0.00	0.00	0.00	0.00	7.17	2.1	329.7	0.00	0.00	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	24-Sep-13 03:00:00	0.23	10.35	18.92	83.84	89.04
24-Sep-13 04:00:00	24-Sep-13 05:00:00	0.00	0.00	0.00	0.00	7.26	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	24-Sep-13 04:00:00	0.23	10.35	18.92	83.84	89.07
24-Sep-13 05:00:00	24-Sep-13 06:00:00	0.00	1.55	0.00	0.00	7.25	2.1	329.7	0.00	0.51	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	24-Sep-13 05:00:00	0.23	10.86	18.92	83.84	89.10
24-Sep-13 06:00:00	24-Sep-13 07:00:00	0.00	3.40	0.00	0.00	7.44	2.1	329.7	0.00	1.12	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	24-Sep-13 06:00:00	0.23	11.47	18.92	83.84	89.13
24-Sep-13 07:00:00	24-Sep-13 08:00:00	0.00	8.23	0.00	0.00	7.44	2.1	329.7	0.00	2.71	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	24-Sep-13 07:00:00	0.23	13.06	18.92	83.84	89.13
24-Sep-13 08:00:00	24-Sep-13 09:00:00	0.00	6.49	0.00	0.00	7.13	2.1	329.7	0.00	2.14	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	24-Sep-13 08:00:00	0.23	12.49	18.92	83.84	89.03
24-Sep-13 09:00:00	24-Sep-13 10:00:00	0.00	0.83	0.00	0.00	6.82	2.1	329.7	0.00	0.27	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	24-Sep-13 09:00:00	0.23	10.62	18.92	83.84	88.93
24-Sep-13 10:00:00	24-Sep-13 11:00:00	0.00	2.03	0.00	0.00	7.11	2.1	329.7	0.00	0.67	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	24-Sep-13 10:00:00	0.23	11.02	18.92	83.84	89.02
24-Sep-13 11:00:00	24-Sep-13 12:00:00	0.00	6.75	0.00	0.00	6.26	2.1	329.7	0.00	2.23	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Sep-13 11:00:00	0.23	12.58	18.92	83.84	88.74
24-Sep-13 12:00:00	24-Sep-13 13:00:00	0.00	2.11	0.00	0.00	6.11	2.1	329.7	0.00	0.69	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	24-Sep-13 12:00:00	0.23	11.04	18.92	83.84	88.70
24-Sep-13 13:00:00	24-Sep-13 14:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	24-Sep-13 13:00:00	0.23	10.35	18.92	83.84	

26-Sep-13 16:00:00	26-Sep-13 17:00:00	0.00	0.17	0.00	0.00	5.79	2.1	329.7	0.00	0.06	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	26-Sep-13 16:00:00	0.23	10.41	18.92	83.84	88.59
26-Sep-13 17:00:00	26-Sep-13 18:00:00	0.00	0.81	0.00	0.00	5.78	2.1	329.7	0.00	0.27	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	26-Sep-13 17:00:00	0.23	10.62	18.92	83.84	88.59
26-Sep-13 18:00:00	26-Sep-13 19:00:00	0.00	0.81	0.00	0.00	5.78	2.1	329.7	0.00	0.27	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	26-Sep-13 18:00:00	0.23	10.62	18.92	83.84	88.59
26-Sep-13 19:00:00	26-Sep-13 20:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	26-Sep-13 19:00:00	0.23	10.35	18.92	83.84	88.77
26-Sep-13 20:00:00	26-Sep-13 21:00:00	0.00	0.00	0.00	0.00	7.50	2.1	329.7	0.00	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	26-Sep-13 20:00:00	0.23	10.35	18.92	83.84	89.15
26-Sep-13 21:00:00	26-Sep-13 22:00:00	0.00	0.00	0.00	0.00	6.67	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	26-Sep-13 21:00:00	0.23	10.35	18.92	83.84	88.98
26-Sep-13 22:00:00	26-Sep-13 23:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	26-Sep-13 22:00:00	0.23	10.35	18.92	83.84	89.00
26-Sep-13 23:00:00	27-Sep-13 00:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	26-Sep-13 23:00:00	0.23	10.35	18.92	83.84	88.94
27-Sep-13 00:00:00	27-Sep-13 01:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	27-Sep-13 00:00:00	0.23	10.35	18.92	83.84	88.93
27-Sep-13 01:00:00	27-Sep-13 02:00:00	0.00	0.47	0.00	0.00	6.73	2.1	329.7	0.00	0.16	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	27-Sep-13 01:00:00	0.23	10.51	18.92	83.84	89.00
27-Sep-13 02:00:00	27-Sep-13 03:00:00	0.00	1.09	0.00	0.00	6.98	2.1	329.7	0.00	0.36	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	27-Sep-13 02:00:00	0.23	10.71	18.92	83.84	88.98
27-Sep-13 03:00:00	27-Sep-13 04:00:00	0.00	2.49	0.00	0.00	7.22	2.1	329.7	0.00	0.82	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	27-Sep-13 03:00:00	0.23	11.17	18.92	83.84	89.06
27-Sep-13 04:00:00	27-Sep-13 05:00:00	0.00	3.10	0.00	0.00	8.89	2.1	329.7	0.00	1.02	0.00	0.00	2.93	0.23	10.35	18.92	83.84	86.68	27-Sep-13 04:00:00	0.23	11.37	18.92	83.84	89.61
27-Sep-13 05:00:00	27-Sep-13 06:00:00	0.00	7.99	0.00	0.00	7.39	2.1	329.7	0.00	2.63	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	27-Sep-13 05:00:00	0.23	12.98	18.92	83.84	89.12
27-Sep-13 06:00:00	27-Sep-13 07:00:00	0.00	3.24	0.00	0.00	7.32	2.1	329.7	0.00	1.07	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	27-Sep-13 06:00:00	0.23	11.42	18.92	83.84	89.09
27-Sep-13 07:00:00	27-Sep-13 08:00:00	0.00	3.02	0.00	0.00	7.25	2.1	329.7	0.00	0.99	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	27-Sep-13 07:00:00	0.23	11.34	18.92	83.84	89.07
27-Sep-13 08:00:00	27-Sep-13 09:00:00	0.00	0.83	0.00	0.00	7.21	2.1	329.7	0.00	0.27	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	27-Sep-13 08:00:00	0.23	10.62	18.92	83.84	89.06
27-Sep-13 09:00:00	27-Sep-13 10:00:00	0.00	0.05	0.00	0.00	6.91	2.1	329.7	0.00	0.02	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-Sep-13 09:00:00	0.23	10.37	18.92	83.84	88.96
27-Sep-13 10:00:00	27-Sep-13 11:00:00	0.00	0.11	0.00	0.00	6.28	2.1	329.7	0.00	0.04	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	27-Sep-13 10:00:00	0.23	10.39	18.92	83.84	88.75
27-Sep-13 11:00:00	27-Sep-13 12:00:00	0.00	0.30	0.00	0.00	7.56	2.1	329.7	0.00	0.10	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	27-Sep-13 11:00:00	0.23	10.45	18.92	83.84	89.17
27-Sep-13 12:00:00	27-Sep-13 13:00:00	0.00	4.15	0.00	0.00	6.22	2.1	329.7	0.00	1.37	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Sep-13 12:00:00	0.23	11.72	18.92	83.84	88.73
27-Sep-13 13:00:00	27-Sep-13 14:00:00	0.00	4.08	0.00	0.00	5.72	2.1	329.7	0.00	1.35	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	27-Sep-13 13:00:00	0.23	11.70	18.92	83.84	88.57
27-Sep-13 14:00:00	27-Sep-13 15:00:00	0.00	215.49	0.00	0.00	5.71	2.1	329.7	0.00	71.05	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	27-Sep-13 14:00:00	0.23	81.40	18.92	83.84	88.56
27-Sep-13 15:00:00	27-Sep-13 16:00:00	0.00	1,097.48	0.00	0.00	5.70	2.1	329.7	0.00	361.84	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	27-Sep-13 15:00:00	0.23	372.19	18.92	83.84	88.56
27-Sep-13 16:00:00	27-Sep-13 17:00:00	0.00	1,240.06	0.00	0.00	5.69	2.1	329.7	0.00	408.85	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	27-Sep-13 16:00:00	0.23	419.20	18.92	83.84	88.56
27-Sep-13 17:00:00	27-Sep-13 18:00:00	0.00	1,388.51	0.00	2.24	5.58	2.1	329.7	0.00	457.79	0.00	0.74	1.84	0.23	10.35	18.92	83.84	86.68	27-Sep-13 17:00:00	0.23	468.14	18.92	84.58	88.52
27-Sep-13 18:00:00	27-Sep-13 19:00:00	0.00	1,482.40	0.00	211.75	5.69	2.1	329.7	0.00	488.75	0.00	69.82	1.88	0.23	10.35	18.92	83.84	86.68	27-Sep-13 18:00:00	0.23	499.10	18.92	153.66	88.56
27-Sep-13 19:00:00	27-Sep-13 20:00:00	0.00	1,480.66	0.00	230.21	6.55	2.1	329.7	0.00	488.17	0.00	75.90	2.16	0.23	10.35	18.92	83.84	86.68	27-Sep-13 19:00:00	0.23	498.52	18.92	159.74	88.84
27-Sep-13 20:00:00	27-Sep-13 21:00:00	0.00	1,262.27	0.00	242.96	6.06	2.1	329.7	0.00	416.17	0.00	80.10	2.00	0.23	10.35	18.92	83.84	86.68	27-Sep-13 20:00:00	0.23	426.52	18.92	163.94	88.68
27-Sep-13 21:00:00	27-Sep-13 22:00:00	0.00	795.56	0.00	252.54	6.28	2.1	329.7	0.00	262.30	0.00	83.26	2.07	0.23	10.35	18.92	83.84	86.68	27-Sep-13 21:00:00	0.23	272.65	18.92	167.10	88.75
27-Sep-13 22:00:00	27-Sep-13 23:00:00	0.00	542.25	0.00	236.44	6.65	2.1	329.7	0.00	178.78	0.00	77.25	2.19	0.23	10.35	18.92	83.84	86.68	27-Sep-13 22:00:00	0.23	189.13	18.92	161.79	88.87
27-Sep-13 23:00:00	28-Sep-13 00:00:00	0.00	560.41	0.00	253.80	6.84	2.1	329.7	0.00	184.77	0.00	83.68	2.22	0.23	10.35	18.92	83.84	86.68	27-Sep-13 23:00:00	0.23	189.13	18.92	167.52	88.95
28-Sep-13 00:00:00	28-Sep-13 01:00:00	0.00	274.82	0.00	194.70	7.01	2.1	329.7	0.00	90.61	0.00	64.19	2.31	0.23	10.35	18.92	83.84	86.68	28-Sep-13 00:00:00	0.23	100.96	18.92	148.03	88.99
28-Sep-13 01:00:00	28-Sep-13 02:00:00	0.00	260.42	0.00	170.73	7.18	2.1	329.7	0.00	85.86	0.00	56.29	2.37	0.23	10.35	18.92	83.84	86.68	28-Sep-13 01:00:00	0.23	96.21	18.92	140.13	89.05
28-Sep-13 02:00:00	28-Sep-13 03:00:00	0.00	261.76	0.00	209.06	7.35	2.1	329.7	0.00	86.30	0.00	68.93	2.42	0.23	10.35	18.92	83.84	86.68	28-Sep-13 02:00:00	0.23	96.65	18.92	152.77	89.10
28-Sep-13 03:00:00	28-Sep-13 04:00:00	0.00	270.25	0.00	211.35	7.22	2.1	329.7	0.00	89.10	0.00	69.68	2.38	0.23	10.35	18.92	83.84	86.68	28-Sep-13 03:00:00	0.23	99.45	18.92	153.52	89.06
28-Sep-13 04:00:00	28-Sep-13 05:00:00	0.00	77.41	0.00	59.84	7.32	2.1	329.7	0.00	25.52	0.00	19.73	2.41	0.23	10.35	18.92	83.84	86.68	28-Sep-13 04:00:00	0.23	35.87	18.92	103.57	89.09
28-Sep-13 05:00:00	28-Sep-13 06:00:00	0.00	1.27	0.00	8.00	8.00	2.1	329.7	0.00	0.42	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	28-Sep-13 05:00:00	0.23	10.77	18.92	83.84	89.32
28-Sep-13 06:00:00	28-Sep-13 07:00:00	0.00	168.65	0.00	0.00	7.63	2.1	329.7	0.00	55.60	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	28-Sep-13 06:00:00	0.23	65.95	18.92	83.84	89.20
28-Sep-13 07:00:00	28-Sep-13 08:00:00	0.00	251.76	0.00	0.00	7.35	2.1	329.7	0.00	83.01	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	28-Sep-13 07:00:00	0.23	93.36	18.92	83.84	89.10
28-Sep-13 08:00:00	28-Sep-13 09:00:00	0.00	252.35	0.00	0.00	7.19	2.1	329.7	0.00	83.20	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	28-Sep-13 08:00:00	0.23	93.55	18.92	83.84	89.05
28-Sep-13 09:00:00	28-Sep-13 10:00:00	0.00	247.76	0.00	0.00	7.02	2.1	329.7	0.00	81.69	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	28-Sep-13 09:00:00	0.23	92.04	18.92	83.84	89.00
28-Sep-13 10:00:00	28-Sep-13 11:00:00	0.00	93.84	0.00	0.00	6.87	2.1	329.7	0.00	30.94	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	28-Sep-13 10:00:00	0.23	41.29	18.92	83.84	88.95
28-Sep-13 11:00:00	28-Sep-13 12:00:00	0.00	214.72	0.00	0.00	6.59	2.1	329.7	0.00	70.79	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	28-Sep-13 11:00:00	0.23	81.14	18.92	83.84	88.85
28-Sep-13 12:00:00																								

30-Sep-13 11:00:00	30-Sep-13 12:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	30-Sep-13 11:00:00	0.23	10.35	18.92	83.84	88.82
30-Sep-13 12:00:00	30-Sep-13 13:00:00	0.00	0.32	0.00	0.00	6.21	2.1	329.7	0.00	0.11	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	30-Sep-13 12:00:00	0.23	10.46	18.92	83.84	88.73
30-Sep-13 13:00:00	30-Sep-13 14:00:00	0.00	1.12	0.00	0.00	5.79	2.1	329.7	0.00	0.37	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	30-Sep-13 13:00:00	0.23	10.72	18.92	83.84	88.59
30-Sep-13 14:00:00	30-Sep-13 15:00:00	0.00	1.09	0.00	0.00	5.72	2.1	329.7	0.00	0.36	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	30-Sep-13 14:00:00	0.23	10.71	18.92	83.84	88.57
30-Sep-13 15:00:00	30-Sep-13 16:00:00	0.00	8.66	0.00	0.00	5.65	2.1	329.7	0.00	2.85	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	30-Sep-13 15:00:00	0.23	13.20	18.92	83.84	88.54
30-Sep-13 16:00:00	30-Sep-13 17:00:00	0.00	7.30	0.00	0.00	5.57	2.1	329.7	0.00	2.41	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	30-Sep-13 16:00:00	0.23	12.76	18.92	83.84	88.52
30-Sep-13 17:00:00	30-Sep-13 18:00:00	0.00	0.80	0.00	0.00	6.15	2.1	329.7	0.00	0.26	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	30-Sep-13 17:00:00	0.23	10.61	18.92	83.84	88.71
30-Sep-13 18:00:00	30-Sep-13 19:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	30-Sep-13 18:00:00	0.23	10.35	18.92	83.84	88.50
30-Sep-13 19:00:00	30-Sep-13 20:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	30-Sep-13 19:00:00	0.23	10.35	18.92	83.84	88.56
30-Sep-13 20:00:00	30-Sep-13 21:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	30-Sep-13 20:00:00	0.23	10.35	18.92	83.84	88.73
30-Sep-13 21:00:00	30-Sep-13 22:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	30-Sep-13 21:00:00	0.23	10.35	18.92	83.84	88.80
30-Sep-13 22:00:00	30-Sep-13 23:00:00	0.00	0.00	0.00	0.00	6.73	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	30-Sep-13 22:00:00	0.23	10.35	18.92	83.84	88.90
01-Oct-13 23:00:00	01-Oct-13 00:00:00	0.00	0.55	0.00	0.00	6.74	2.1	329.7	0.00	0.18	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	30-Sep-13 23:00:00	0.23	10.53	18.92	83.84	88.90
01-Oct-13 00:00:00	01-Oct-13 01:00:00	0.00	6.22	0.00	0.00	7.24	2.1	329.7	0.00	2.05	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	01-Oct-13 00:00:00	0.23	12.40	18.92	83.84	89.07
01-Oct-13 01:00:00	01-Oct-13 02:00:00	0.00	1.59	0.00	0.00	6.90	2.1	329.7	0.00	0.53	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	01-Oct-13 01:00:00	0.23	10.88	18.92	83.84	88.95
01-Oct-13 02:00:00	01-Oct-13 03:00:00	0.00	0.77	0.00	0.00	6.94	2.1	329.7	0.00	0.25	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Oct-13 02:00:00	0.23	10.60	18.92	83.84	88.97
01-Oct-13 03:00:00	01-Oct-13 04:00:00	0.00	1.40	0.00	0.00	6.98	2.1	329.7	0.00	0.46	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Oct-13 03:00:00	0.23	10.81	18.92	83.84	88.98
01-Oct-13 04:00:00	01-Oct-13 05:00:00	0.00	1.01	0.00	0.00	6.99	2.1	329.7	0.00	0.33	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Oct-13 04:00:00	0.23	10.68	18.92	83.84	88.98
01-Oct-13 05:00:00	01-Oct-13 06:00:00	0.00	2.00	0.00	0.00	7.07	2.1	329.7	0.00	0.66	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	01-Oct-13 05:00:00	0.23	11.01	18.92	83.84	89.01
01-Oct-13 06:00:00	01-Oct-13 07:00:00	0.00	0.69	0.00	0.00	7.17	2.1	329.7	0.00	0.23	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	01-Oct-13 06:00:00	0.23	10.58	18.92	83.84	89.05
01-Oct-13 07:00:00	01-Oct-13 08:00:00	0.00	2.26	0.00	0.00	7.28	2.1	329.7	0.00	0.75	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	01-Oct-13 07:00:00	0.23	11.10	18.92	83.84	89.08
01-Oct-13 08:00:00	01-Oct-13 09:00:00	0.00	9.09	0.00	0.00	7.29	2.1	329.7	0.00	3.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	01-Oct-13 08:00:00	0.23	13.35	18.92	83.84	89.09
01-Oct-13 09:00:00	01-Oct-13 10:00:00	0.00	7.06	0.00	0.00	7.84	2.1	329.7	0.00	2.33	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	01-Oct-13 09:00:00	0.23	12.68	18.92	83.84	89.26
01-Oct-13 10:00:00	01-Oct-13 11:00:00	0.00	3.48	0.00	0.00	6.42	2.1	329.7	0.00	1.15	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	01-Oct-13 10:00:00	0.23	11.50	18.92	83.84	88.80
01-Oct-13 11:00:00	01-Oct-13 12:00:00	0.00	4.25	0.00	0.00	6.53	2.1	329.7	0.00	1.40	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	01-Oct-13 11:00:00	0.23	11.75	18.92	83.84	88.83
01-Oct-13 12:00:00	01-Oct-13 13:00:00	0.00	6.44	0.00	0.00	5.87	2.1	329.7	0.00	0.21	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	01-Oct-13 12:00:00	0.23	10.56	18.92	83.84	88.61
01-Oct-13 13:00:00	01-Oct-13 14:00:00	0.00	0.70	0.00	0.00	7.04	2.1	329.7	0.00	0.23	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	01-Oct-13 13:00:00	0.23	10.58	18.92	83.84	89.00
01-Oct-13 14:00:00	01-Oct-13 15:00:00	0.00	0.00	0.00	0.00	5.19	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	01-Oct-13 14:00:00	0.23	10.35	18.92	83.84	88.39
01-Oct-13 15:00:00	01-Oct-13 16:00:00	0.00	1.06	0.00	0.00	5.25	2.1	329.7	0.00	0.35	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	01-Oct-13 15:00:00	0.23	10.70	18.92	83.84	88.41
01-Oct-13 16:00:00	01-Oct-13 17:00:00	0.00	0.94	0.00	0.00	5.48	2.1	329.7	0.00	0.31	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	01-Oct-13 16:00:00	0.23	10.66	18.92	83.84	88.49
01-Oct-13 17:00:00	01-Oct-13 18:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	01-Oct-13 17:00:00	0.23	10.35	18.92	83.84	88.47
01-Oct-13 18:00:00	01-Oct-13 19:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	01-Oct-13 18:00:00	0.23	10.35	18.92	83.84	88.46
01-Oct-13 19:00:00	01-Oct-13 20:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	01-Oct-13 19:00:00	0.23	10.35	18.92	83.84	88.52
01-Oct-13 20:00:00	01-Oct-13 21:00:00	0.00	0.08	0.00	0.00	5.97	2.1	329.7	0.00	0.03	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	01-Oct-13 20:00:00	0.23	10.38	18.92	83.84	88.65
01-Oct-13 21:00:00	01-Oct-13 22:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	01-Oct-13 21:00:00	0.23	10.35	18.92	83.84	88.68
01-Oct-13 22:00:00	01-Oct-13 23:00:00	0.00	0.00	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	01-Oct-13 22:00:00	0.23	10.35	18.92	83.84	88.85
01-Oct-13 23:00:00	02-Oct-13 00:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	01-Oct-13 23:00:00	0.23	10.35	18.92	83.84	88.80
02-Oct-13 00:00:00	02-Oct-13 01:00:00	0.00	0.17	0.00	0.00	6.58	2.1	329.7	0.00	0.06	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	02-Oct-13 00:00:00	0.23	10.41	18.92	83.84	88.85
02-Oct-13 01:00:00	02-Oct-13 02:00:00	0.00	1.67	0.00	0.00	6.76	2.1	329.7	0.00	0.55	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	02-Oct-13 01:00:00	0.23	10.90	18.92	83.84	88.91
02-Oct-13 02:00:00	02-Oct-13 03:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	02-Oct-13 02:00:00	0.23	10.35	18.92	83.84	89.10
02-Oct-13 03:00:00	02-Oct-13 04:00:00	0.00	0.07	0.00	0.00	6.95	2.1	329.7	0.00	0.02	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	02-Oct-13 03:00:00	0.23	10.37	18.92	83.84	88.97

04-Oct-13 06:00:00	04-Oct-13 07:00:00	0.00	12.24	0.00	0.00	6.88	2.1	329.7	0.00	4.04	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	04-Oct-13 06:00:00	0.23	14.39	18.92	83.84	88.95
04-Oct-13 07:00:00	04-Oct-13 08:00:00	0.00	10.43	0.00	0.00	6.84	2.1	329.7	0.00	3.44	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	04-Oct-13 07:00:00	0.23	13.79	18.92	83.84	88.94
04-Oct-13 08:00:00	04-Oct-13 09:00:00	0.00	13.20	0.00	0.00	6.80	2.1	329.7	0.00	4.35	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Oct-13 08:00:00	0.23	14.70	18.92	83.84	88.92
04-Oct-13 09:00:00	04-Oct-13 10:00:00	0.00	9.64	0.00	0.00	6.70	2.1	329.7	0.00	3.18	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	04-Oct-13 09:00:00	0.23	13.53	18.92	83.84	88.89
04-Oct-13 10:00:00	04-Oct-13 11:00:00	0.00	3.26	0.00	0.00	7.54	2.1	329.7	0.00	1.07	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	04-Oct-13 10:00:00	0.23	11.42	18.92	83.84	89.17
04-Oct-13 11:00:00	04-Oct-13 12:00:00	0.00	0.97	0.00	0.00	5.64	2.1	329.7	0.00	0.32	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	04-Oct-13 11:00:00	0.23	10.67	18.92	83.84	89.54
04-Oct-13 12:00:00	04-Oct-13 13:00:00	0.00	0.58	0.00	0.00	6.55	2.1	329.7	0.00	0.19	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	04-Oct-13 12:00:00	0.23	10.54	18.92	83.84	89.48
04-Oct-13 13:00:00	04-Oct-13 14:00:00	0.00	3.68	0.00	0.00	5.05	2.1	329.7	0.00	1.21	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	04-Oct-13 13:00:00	0.23	11.56	18.92	83.84	89.34
04-Oct-13 14:00:00	04-Oct-13 15:00:00	0.00	0.75	0.00	0.00	4.88	2.1	329.7	0.00	0.25	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	04-Oct-13 14:00:00	0.23	10.60	18.92	83.84	89.29
04-Oct-13 15:00:00	04-Oct-13 16:00:00	0.00	1.52	0.00	0.00	6.82	2.1	329.7	0.00	0.50	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	04-Oct-13 15:00:00	0.23	10.85	18.92	83.84	89.93
04-Oct-13 16:00:00	04-Oct-13 17:00:00	0.00	2.57	0.00	0.00	4.68	2.1	329.7	0.00	0.85	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	04-Oct-13 16:00:00	0.23	11.20	18.92	83.84	89.22
04-Oct-13 17:00:00	04-Oct-13 18:00:00	0.00	0.34	0.00	0.00	4.70	2.1	329.7	0.00	0.11	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	04-Oct-13 17:00:00	0.23	10.46	18.92	83.84	89.23
04-Oct-13 18:00:00	04-Oct-13 19:00:00	0.00	0.23	0.00	0.00	4.71	2.1	329.7	0.00	0.08	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	04-Oct-13 18:00:00	0.23	10.43	18.92	83.84	89.23
04-Oct-13 19:00:00	04-Oct-13 20:00:00	0.00	0.13	0.00	0.00	4.79	2.1	329.7	0.00	0.04	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	04-Oct-13 19:00:00	0.23	10.39	18.92	83.84	89.26
04-Oct-13 20:00:00	04-Oct-13 21:00:00	0.00	0.03	0.00	0.00	5.73	2.1	329.7	0.00	0.01	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	04-Oct-13 20:00:00	0.23	10.36	18.92	83.84	89.57
04-Oct-13 21:00:00	04-Oct-13 22:00:00	0.00	340.33	0.00	0.00	5.59	2.1	329.7	0.00	112.21	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	04-Oct-13 21:00:00	0.23	122.56	18.92	83.84	88.52
04-Oct-13 22:00:00	04-Oct-13 23:00:00	0.00	762.96	0.00	0.00	5.85	2.1	329.7	0.00	251.55	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	04-Oct-13 22:00:00	0.23	261.90	18.92	83.84	88.61
04-Oct-13 23:00:00	05-Oct-13 00:00:00	0.00	743.75	0.00	0.00	6.11	2.1	329.7	0.00	245.21	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	04-Oct-13 23:00:00	0.23	255.56	18.92	83.84	88.69
05-Oct-13 00:00:00	05-Oct-13 01:00:00	0.00	747.81	0.00	0.00	6.29	2.1	329.7	0.00	246.55	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	05-Oct-13 00:00:00	0.23	256.90	18.92	83.84	88.75
05-Oct-13 01:00:00	05-Oct-13 02:00:00	0.00	747.22	0.00	0.00	6.43	2.1	329.7	0.00	246.36	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	05-Oct-13 01:00:00	0.23	256.71	18.92	83.84	89.00
05-Oct-13 02:00:00	05-Oct-13 03:00:00	0.00	755.66	0.00	0.00	6.59	2.1	329.7	0.00	249.14	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	05-Oct-13 02:00:00	0.23	259.49	18.92	83.84	89.55
05-Oct-13 03:00:00	05-Oct-13 04:00:00	0.00	748.26	0.00	0.00	6.76	2.1	329.7	0.00	246.70	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	05-Oct-13 03:00:00	0.23	257.05	18.92	83.84	89.91
05-Oct-13 04:00:00	05-Oct-13 05:00:00	0.00	765.72	0.00	0.00	6.89	2.1	329.7	0.00	252.40	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	05-Oct-13 04:00:00	0.23	262.81	18.92	83.84	89.95
05-Oct-13 05:00:00	05-Oct-13 06:00:00	0.00	836.09	0.00	0.00	6.90	2.1	329.7	0.00	275.66	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	05-Oct-13 05:00:00	0.23	286.01	18.92	83.84	89.95
05-Oct-13 06:00:00	05-Oct-13 07:00:00	0.00	851.58	0.00	0.00	6.90	2.1	329.7	0.00	280.77	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	05-Oct-13 06:00:00	0.23	291.12	18.92	83.84	89.95
05-Oct-13 07:00:00	05-Oct-13 08:00:00	0.00	865.12	0.00	0.00	6.90	2.1	329.7	0.00	285.23	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	05-Oct-13 07:00:00	0.23	295.58	18.92	83.84	89.96
05-Oct-13 08:00:00	05-Oct-13 09:00:00	0.00	865.76	0.00	0.00	6.84	2.1	329.7	0.00	285.44	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	05-Oct-13 08:00:00	0.23	295.79	18.92	83.84	89.94
05-Oct-13 09:00:00	05-Oct-13 10:00:00	0.00	859.40	0.00	0.00	6.46	2.1	329.7	0.00	283.34	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	05-Oct-13 09:00:00	0.23	293.69	18.92	83.84	89.81
05-Oct-13 10:00:00	05-Oct-13 11:00:00	0.00	847.20	0.00	0.00	6.05	2.1	329.7	0.00	279.32	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	05-Oct-13 10:00:00	0.23	289.67	18.92	83.84	89.67
05-Oct-13 11:00:00	05-Oct-13 12:00:00	0.00	117.14	0.00	0.00	6.18	2.1	329.7	0.00	38.62	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	05-Oct-13 11:00:00	0.23	48.97	18.92	83.84	89.72
05-Oct-13 12:00:00	05-Oct-13 13:00:00	0.00	0.57	0.00	0.00	5.36	2.1	329.7	0.00	0.59	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	05-Oct-13 12:00:00	0.23	25.56	18.92	83.84	89.45
05-Oct-13 13:00:00	05-Oct-13 14:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	05-Oct-13 13:00:00	0.23	10.35	18.92	83.84	89.79
05-Oct-13 14:00:00	05-Oct-13 15:00:00	0.00	0.00	0.00	0.00	4.91	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	05-Oct-13 14:00:00	0.23	10.35	18.92	83.84	89.30
05-Oct-13 15:00:00	05-Oct-13 16:00:00	0.00	0.00	0.00	0.00	4.71	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	05-Oct-13 15:00:00	0.23	10.35	18.92	83.84	89.23
05-Oct-13 16:00:00	05-Oct-13 17:00:00	0.00	0.00	0.00	0.00	4.75	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	05-Oct-13 16:00:00	0.23	10.35	18.92	83.84	89.25
05-Oct-13 17:00:00	05-Oct-13 18:00:00	0.00	0.00	0.00	0.00	4.84	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	05-Oct-13 17:00:00	0.23	10.35	18.92	83.84	89.27
05-Oct-13 18:00:00	05-Oct-13 19:00:00	0.00	0.00	0.00	0.00	4.92	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	05-Oct-13 18:00:00	0.23	10.35	18.92	83.84	89.30
05-Oct-13 19:00:00	05-Oct-13 20:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	05-Oct-13 19:00:00	0.23	10.35	18.92	83.84	89.69
05-Oct-13 20:00:00	05-Oct-13 21:00:00	0.00	0.08	0.00	0.00	5.46	2.1	329.7	0.00	0.03	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	05-Oct-13 20:00:00	0.23	10.38	18.92	83.84	89.48
05-Oct-13 21:00:00	05-Oct-13 22:00:00	0.00	0.12	0.00	0.00	5.67	2.1	329.7	0.00	0.04	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	05-Oct-13 21:00:00	0.23	10.39	18.92	83.84	89.55
05-Oct-13 22:00:00	05-Oct-13 23:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68						

08-Oct-13 01:00:00	08-Oct-13 02:00:00	0.00	0.45	0.00	0.00	6.48	2.1	329.7	0.00	0.15	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	08-Oct-13 01:00:00	0.23	10.50	18.92	83.84	88.82
08-Oct-13 02:00:00	08-Oct-13 03:00:00	0.00	1.19	0.00	0.00	6.50	2.1	329.7	0.00	0.39	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	08-Oct-13 02:00:00	0.23	10.74	18.92	83.84	88.82
08-Oct-13 03:00:00	08-Oct-13 04:00:00	0.00	0.98	0.00	0.00	6.59	2.1	329.7	0.00	0.32	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	08-Oct-13 03:00:00	0.23	10.67	18.92	83.84	88.85
08-Oct-13 04:00:00	08-Oct-13 05:00:00	0.00	1.29	0.00	0.00	6.76	2.1	329.7	0.00	0.42	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	08-Oct-13 04:00:00	0.23	10.77	18.92	83.84	88.91
08-Oct-13 05:00:00	08-Oct-13 06:00:00	0.00	5.87	0.00	0.00	8.15	2.1	329.7	0.00	1.93	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	08-Oct-13 05:00:00	0.23	12.28	18.92	83.84	89.57
08-Oct-13 06:00:00	08-Oct-13 07:00:00	0.00	14.23	0.00	0.00	7.06	2.1	329.7	0.00	4.69	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	08-Oct-13 06:00:00	0.23	15.94	18.92	83.84	89.91
08-Oct-13 07:00:00	08-Oct-13 08:00:00	0.00	14.42	0.00	0.00	7.09	2.1	329.7	0.00	4.76	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	08-Oct-13 07:00:00	0.23	15.11	18.92	83.84	89.06
08-Oct-13 08:00:00	08-Oct-13 09:00:00	0.00	15.74	0.00	0.00	7.19	2.1	329.7	0.00	5.19	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	08-Oct-13 08:00:00	0.23	15.54	18.92	83.84	89.05
08-Oct-13 09:00:00	08-Oct-13 10:00:00	0.00	7.63	0.00	0.00	7.33	2.1	329.7	0.00	2.52	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Oct-13 09:00:00	0.23	12.87	18.92	83.84	89.10
08-Oct-13 10:00:00	08-Oct-13 11:00:00	0.00	21.04	0.00	0.00	7.47	2.1	329.7	0.00	6.94	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	08-Oct-13 10:00:00	0.23	17.29	18.92	83.84	89.14
08-Oct-13 11:00:00	08-Oct-13 12:00:00	0.00	18.13	0.00	0.00	7.55	2.1	329.7	0.00	5.98	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	08-Oct-13 11:00:00	0.23	16.33	18.92	83.84	89.17
08-Oct-13 12:00:00	08-Oct-13 13:00:00	0.00	24.17	0.00	0.00	7.60	2.1	329.7	0.00	7.97	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	08-Oct-13 12:00:00	0.23	18.32	18.92	83.84	89.19
08-Oct-13 13:00:00	08-Oct-13 14:00:00	0.00	23.95	0.00	0.00	7.66	2.1	329.7	0.00	7.90	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	08-Oct-13 13:00:00	0.23	18.25	18.92	83.84	89.20
08-Oct-13 14:00:00	08-Oct-13 15:00:00	0.00	26.42	0.00	0.00	7.61	2.1	329.7	0.00	8.71	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	08-Oct-13 14:00:00	0.23	19.06	18.92	83.84	89.19
08-Oct-13 15:00:00	08-Oct-13 16:00:00	0.00	1.67	0.00	0.00	7.40	2.1	329.7	0.00	0.55	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	08-Oct-13 15:00:00	0.23	10.90	18.92	83.84	89.12
08-Oct-13 16:00:00	08-Oct-13 17:00:00	0.00	2.26	0.00	0.00	7.24	2.1	329.7	0.00	0.74	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	08-Oct-13 16:00:00	0.23	11.09	18.92	83.84	89.07
08-Oct-13 17:00:00	08-Oct-13 18:00:00	0.00	2.03	0.00	0.00	7.08	2.1	329.7	0.00	0.67	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	08-Oct-13 17:00:00	0.23	11.02	18.92	83.84	89.01
08-Oct-13 18:00:00	08-Oct-13 19:00:00	0.00	2.56	0.00	0.00	6.94	2.1	329.7	0.00	0.84	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	08-Oct-13 18:00:00	0.23	11.19	18.92	83.84	88.97
08-Oct-13 19:00:00	08-Oct-13 20:00:00	0.00	1.62	0.00	0.00	6.94	2.1	329.7	0.00	0.83	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	08-Oct-13 19:00:00	0.23	10.88	18.92	83.84	88.97
08-Oct-13 20:00:00	08-Oct-13 21:00:00	0.00	1.01	0.00	0.00	6.96	2.1	329.7	0.00	0.33	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	08-Oct-13 20:00:00	0.23	10.68	18.92	83.84	88.97
08-Oct-13 21:00:00	08-Oct-13 22:00:00	0.00	0.52	0.00	0.00	6.98	2.1	329.7	0.00	0.17	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	08-Oct-13 21:00:00	0.23	10.52	18.92	83.84	88.98
08-Oct-13 22:00:00	08-Oct-13 23:00:00	0.00	1.00	0.00	0.00	7.00	2.1	329.7	0.00	0.33	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	08-Oct-13 22:00:00	0.23	10.68	18.92	83.84	88.99
08-Oct-13 23:00:00	09-Oct-13 00:00:00	0.00	1.49	0.00	0.00	6.99	2.1	329.7	0.00	0.49	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	08-Oct-13 23:00:00	0.23	10.84	18.92	83.84	88.99
09-Oct-13 00:00:00	09-Oct-13 01:00:00	0.00	0.78	0.00	0.00	6.97	2.1	329.7	0.00	0.26	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	09-Oct-13 00:00:00	0.23	10.61	18.92	83.84	88.98
09-Oct-13 01:00:00	09-Oct-13 02:00:00	0.00	0.00	0.00	0.00	7.35	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	09-Oct-13 01:00:00	0.23	10.35	18.92	83.84	89.10
09-Oct-13 02:00:00	09-Oct-13 03:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	09-Oct-13 02:00:00	0.23	10.35	18.92	83.84	89.02
09-Oct-13 03:00:00	09-Oct-13 04:00:00	0.00	0.28	0.00	0.00	7.18	2.1	329.7	0.00	0.09	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	09-Oct-13 03:00:00	0.23	10.44	18.92	83.84	89.05
09-Oct-13 04:00:00	09-Oct-13 05:00:00	0.00	6.73	0.00	0.00	7.25	2.1	329.7	0.00	2.22	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	09-Oct-13 04:00:00	0.23	12.57	18.92	83.84	89.07
09-Oct-13 05:00:00	09-Oct-13 06:00:00	0.00	1.92	0.00	0.00	7.33	2.1	329.7	0.00	0.63	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	09-Oct-13 05:00:00	0.23	10.98	18.92	83.84	89.10
09-Oct-13 06:00:00	09-Oct-13 07:00:00	0.00	2.63	0.00	0.00	7.30	2.1	329.7	0.00	0.87	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	09-Oct-13 06:00:00	0.23	11.22	18.92	83.84	89.09
09-Oct-13 07:00:00	09-Oct-13 08:00:00	0.00	19.02	0.00	0.00	7.19	2.1	329.7	0.00	6.27	0.00	2.97	2.37	0.23	10.35	18.92	83.84	86.68	09-Oct-13 07:00:00	0.23	16.62	18.92	86.81	89.05
09-Oct-13 08:00:00	09-Oct-13 09:00:00	0.00	8.59	0.00	0.00	7.09	2.1	329.7	0.00	2.83	0.00	48.51	2.34	0.23	10.35	18.92	83.84	86.68	09-Oct-13 08:00:00	0.23	13.13	18.92	83.84	89.20
09-Oct-13 09:00:00	09-Oct-13 10:00:00	0.00	1.10	0.00	0.00	7.00	2.1	329.7	0.00	0.36	0.00	42.51	2.31	0.23	10.35	18.92	83.84	86.68	09-Oct-13 09:00:00	0.23	10.71	18.92	126.25	88.99
09-Oct-13 10:00:00	09-Oct-13 11:00:00	0.00	2.52	0.00	0.00	6.85	2.1	329.7	0.00	0.83	0.00	38.27	2.26	0.23	10.35	18.92	83.84	86.68	09-Oct-13 10:00:00	0.23	11.18	18.92	122.11	88.94
09-Oct-13 11:00:00	09-Oct-13 12:00:00	0.00	4.51	0.00	0.00	6.74	2.1	329.7	0.00	1.49	0.00	22.99	2.16	0.23	10.35	18.92	83.84	86.68	09-Oct-13 11:00:00	0.23	11.84	18.92	106.83	88.84
09-Oct-13 12:00:00	09-Oct-13 13:00:00	0.00	7.79	0.00	0.00	6.25	2.1	329.7	0.00	2.57	0.00	2.06	2.06	0.23	10.35	18.92	83.84	86.68	09-Oct-13 12:00:00	0.23	12.92	18.92	83.84	88.74
09-Oct-13 13:00:00	09-Oct-13 14:00:00	0.00	14.47	0.00	0.00	5.94	2.1	329.7	0.00	4.77	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	09-Oct-13 13:00:00	0.23	15.12	18.92	83.84	88.64
09-Oct-13 14:00:00	09-Oct-13 15:00:00	0.00	15.59	0.00	0.00	5.76	2.1	329.7	0.00	5.14	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Oct-13 14:00:00	0.23	15.49	18.92	83.84	88.58
09-Oct-13 15:00:00	09-Oct-13 16:00:00	0.00	12.23	0.00	0.00	5.74	2.1	329.7	0.00	4.03	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	09-Oct-13 15:00:00	0.23	14.38	18.92	83.84	88.57
09-Oct-13 16:00:00	09-Oct-13 17:00:00	0.00	0.01	0.00	36.03	5.72	2.1	329.7	0.00	0.00	0.00	11.88	1.89	0.23	10.35	18.92	83.84	86.68	09-Oct-13 16:00:00	0.23	10.35	18.92	95.72	88.57
09-Oct-13 17:00:00	09-Oct-13 18:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	09-Oct-13 17:00:00	0.23	10.35	18.92	8	

11-Oct-13 20:00:00	11-Oct-13 21:00:00	0.00	3.11	0.00	0.00	5.79	2.1	329.7	0.00	1.03	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	11-Oct-13 20:00:00	0.23	11.38	18.92	83.84	88.59
11-Oct-13 21:00:00	11-Oct-13 22:00:00	0.00	3.70	0.00	0.00	5.95	2.1	329.7	0.00	1.22	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	11-Oct-13 21:00:00	0.23	11.57	18.92	83.84	88.64
11-Oct-13 22:00:00	11-Oct-13 23:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	11-Oct-13 22:00:00	0.23	10.35	18.92	83.84	88.69
11-Oct-13 23:00:00	12-Oct-13 00:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	11-Oct-13 23:00:00	0.23	10.35	18.92	83.84	88.75
12-Oct-13 00:00:00	12-Oct-13 01:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Oct-13 00:00:00	0.23	10.35	18.92	83.84	88.77
12-Oct-13 01:00:00	12-Oct-13 02:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	12-Oct-13 01:00:00	0.23	10.35	18.92	83.84	88.78
12-Oct-13 02:00:00	12-Oct-13 03:00:00	0.00	0.23	0.00	0.00	6.43	2.1	329.7	0.00	0.08	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	12-Oct-13 02:00:00	0.23	10.43	18.92	83.84	88.79
12-Oct-13 03:00:00	12-Oct-13 04:00:00	0.00	0.65	0.00	0.00	6.42	2.1	329.7	0.00	0.22	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	12-Oct-13 03:00:00	0.23	10.57	18.92	83.84	88.80
12-Oct-13 04:00:00	12-Oct-13 05:00:00	0.00	1.34	0.00	0.00	6.58	2.1	329.7	0.00	0.44	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	12-Oct-13 04:00:00	0.23	10.79	18.92	83.84	88.85
12-Oct-13 05:00:00	12-Oct-13 06:00:00	0.00	1.32	0.00	0.00	6.66	2.1	329.7	0.00	0.44	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	12-Oct-13 05:00:00	0.23	10.79	18.92	83.84	88.88
12-Oct-13 06:00:00	12-Oct-13 07:00:00	0.00	10.51	0.00	0.00	6.74	2.1	329.7	0.00	3.46	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	12-Oct-13 06:00:00	0.23	13.81	18.92	83.84	88.90
12-Oct-13 07:00:00	12-Oct-13 08:00:00	0.00	9.32	0.00	0.00	6.82	2.1	329.7	0.00	3.07	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	12-Oct-13 07:00:00	0.23	13.42	18.92	83.84	88.93
12-Oct-13 08:00:00	12-Oct-13 09:00:00	0.00	6.29	0.00	0.00	6.70	2.1	329.7	0.00	2.08	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	12-Oct-13 08:00:00	0.23	12.43	18.92	83.84	88.89
12-Oct-13 09:00:00	12-Oct-13 10:00:00	0.00	5.50	0.00	0.00	6.44	2.1	329.7	0.00	1.81	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	12-Oct-13 09:00:00	0.23	12.16	18.92	83.84	88.80
12-Oct-13 10:00:00	12-Oct-13 11:00:00	0.00	1.56	0.00	0.00	6.19	2.1	329.7	0.00	0.51	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	12-Oct-13 10:00:00	0.23	10.86	18.92	83.84	88.72
12-Oct-13 11:00:00	12-Oct-13 12:00:00	0.00	10.17	0.00	0.00	5.93	2.1	329.7	0.00	3.35	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	12-Oct-13 11:00:00	0.23	13.70	18.92	83.84	88.64
12-Oct-13 12:00:00	12-Oct-13 13:00:00	0.00	0.57	0.00	0.00	5.77	2.1	329.7	0.00	0.19	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	12-Oct-13 12:00:00	0.23	10.54	18.92	83.84	88.58
12-Oct-13 13:00:00	12-Oct-13 14:00:00	0.00	0.41	0.00	0.00	5.76	2.1	329.7	0.00	0.13	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	12-Oct-13 13:00:00	0.23	10.48	18.92	83.84	88.58
12-Oct-13 14:00:00	12-Oct-13 15:00:00	0.00	0.24	0.00	0.00	5.74	2.1	329.7	0.00	0.08	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	12-Oct-13 14:00:00	0.23	10.43	18.92	83.84	88.57
12-Oct-13 15:00:00	12-Oct-13 16:00:00	0.00	0.07	0.00	0.00	5.72	2.1	329.7	0.00	0.02	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	12-Oct-13 15:00:00	0.23	10.37	18.92	83.84	88.57
12-Oct-13 16:00:00	12-Oct-13 17:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	12-Oct-13 16:00:00	0.23	10.35	18.92	83.84	88.57
12-Oct-13 17:00:00	12-Oct-13 18:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	12-Oct-13 17:00:00	0.23	10.35	18.92	83.84	88.58
12-Oct-13 18:00:00	12-Oct-13 19:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	12-Oct-13 18:00:00	0.23	10.35	18.92	83.84	88.59
12-Oct-13 19:00:00	12-Oct-13 20:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	12-Oct-13 19:00:00	0.23	10.35	18.92	83.84	88.61
12-Oct-13 20:00:00	12-Oct-13 21:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	12-Oct-13 20:00:00	0.23	10.35	18.92	83.84	88.61
12-Oct-13 21:00:00	12-Oct-13 22:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	12-Oct-13 21:00:00	0.23	10.35	18.92	83.84	88.65
12-Oct-13 22:00:00	12-Oct-13 23:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	12-Oct-13 22:00:00	0.23	10.35	18.92	83.84	88.70
12-Oct-13 23:00:00	13-Oct-13 00:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	12-Oct-13 23:00:00	0.23	10.35	18.92	83.84	88.75
13-Oct-13 00:00:00	13-Oct-13 01:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	13-Oct-13 00:00:00	0.23	10.35	18.92	83.84	88.77
13-Oct-13 01:00:00	13-Oct-13 02:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	13-Oct-13 01:00:00	0.23	10.35	18.92	83.84	88.78
13-Oct-13 02:00:00	13-Oct-13 03:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	13-Oct-13 02:00:00	0.23	10.35	18.92	83.84	88.79
13-Oct-13 03:00:00	13-Oct-13 04:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	13-Oct-13 03:00:00	0.23	10.35	18.92	83.84	88.80
13-Oct-13 04:00:00	13-Oct-13 05:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	13-Oct-13 04:00:00	0.23	10.35	18.92	83.84	88.84
13-Oct-13 05:00:00	13-Oct-13 06:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	13-Oct-13 05:00:00	0.23	10.35	18.92	83.84	88.82
13-Oct-13 06:00:00	13-Oct-13 07:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	13-Oct-13 06:00:00	0.23	10.35	18.92	83.84	88.81
13-Oct-13 07:00:00	13-Oct-13 08:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	13-Oct-13 07:00:00	0.23	10.35	18.92	83.84	88.79
13-Oct-13 08:00:00	13-Oct-13 09:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	13-Oct-13 08:00:00	0.23	10.35	18.92	83.84	88.88
13-Oct-13 09:00:00	13-Oct-13 10:00:00	0.00	0.00	0.00	0.00	6.91	2.1	329.7	0.00	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	13-Oct-13 09:00:00	0.23	10.35	18.92	83.84	88.96
13-Oct-13 10:00:00	13-Oct-13 11:00:00	0.00	0.00	0.00	0.00	7.14	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	13-Oct-13 10:00:00	0.23	10.35	18.92	83.84	89.03
13-Oct-13 11:00:00	13-Oct-13 12:00:00	0.00	0.00	0.00	16.87	7.36	2.1	329.7	0.00	0.00	0.00	5.56	2.43	0.23	10.35	18.92	83.84	86.68	13-Oct-13 11:00:00	0.23	10.35	18.92	83.84	89.11
13-Oct-13 12:00:00	13-Oct-13 13:00:00	0.00	0.00	0.00	24.00	8.15	2.1	329.7	0.00	0.00	0.00	7.91	2.69	0.23	10.35	18.92	83.84	86.68	13-Oct-13 12:00:00	0.23	10.35	18.92	83.84	89.37
13-Oct-13 13:00:00	13-Oct-13 14:00:00	0.00	0.00	0.00	0.00	7.58	2.1	329.7	0.00	0.00	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	13-Oct-13 13:00:00	0.23	10.35	18.92	83.84	89.18
13-Oct-13 14:00:00	13-Oct-13 15:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	13-Oct-13 14:00:00	0.23	10.35	18.92	83.84	88.99
13-Oct-13 15:00:00	13-Oct-13 16:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	13-Oct-13 15:00:00	0.23	10.35	18.92	83.84	88.80
13-Oct-13 16:00:00	13-Oct-13 17:00:00	0.00	299.49	0.00	0.00	6.19	2.1	329.7	0.00	98.74	0.00	0.00	2.04											

15-Oct-13 15:00:00	15-Oct-13 16:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	15-Oct-13 15:00:00	0.23	10.35	18.92	83.84	88.54
15-Oct-13 16:00:00	15-Oct-13 17:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	15-Oct-13 16:00:00	0.23	10.35	18.92	83.84	88.53
15-Oct-13 17:00:00	15-Oct-13 18:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	15-Oct-13 17:00:00	0.23	10.35	18.92	83.84	88.55
15-Oct-13 18:00:00	15-Oct-13 19:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	15-Oct-13 18:00:00	0.23	10.35	18.92	83.84	88.57
15-Oct-13 19:00:00	15-Oct-13 20:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	15-Oct-13 19:00:00	0.23	10.35	18.92	83.84	88.60
15-Oct-13 20:00:00	15-Oct-13 21:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	15-Oct-13 20:00:00	0.23	10.35	18.92	83.84	88.63
15-Oct-13 21:00:00	15-Oct-13 22:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	15-Oct-13 21:00:00	0.23	10.35	18.92	83.84	88.68
15-Oct-13 22:00:00	15-Oct-13 23:00:00	0.00	0.28	0.00	0.00	6.22	2.1	329.7	0.00	0.09	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	15-Oct-13 22:00:00	0.23	10.44	18.92	83.84	88.72
15-Oct-13 23:00:00	16-Oct-13 00:00:00	0.00	7.86	0.00	0.00	6.38	2.1	329.7	0.00	2.59	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	15-Oct-13 23:00:00	0.23	12.94	18.92	83.84	88.78
16-Oct-13 00:00:00	16-Oct-13 01:00:00	0.00	6.90	0.00	0.00	6.52	2.1	329.7	0.00	2.28	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	16-Oct-13 00:00:00	0.23	12.63	18.92	83.84	88.83
16-Oct-13 01:00:00	16-Oct-13 02:00:00	0.00	4.13	0.00	0.00	6.64	2.1	329.7	0.00	1.36	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	16-Oct-13 01:00:00	0.23	11.71	18.92	83.84	88.87
16-Oct-13 02:00:00	16-Oct-13 03:00:00	0.00	3.61	0.00	0.00	6.75	2.1	329.7	0.00	1.19	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	16-Oct-13 02:00:00	0.23	11.51	18.92	83.84	88.91
16-Oct-13 03:00:00	16-Oct-13 04:00:00	0.00	5.34	0.00	0.50	6.86	2.1	329.7	0.00	1.76	0.00	0.17	2.26	0.23	10.35	18.92	83.84	86.68	16-Oct-13 03:00:00	0.23	12.11	18.92	84.01	88.94
16-Oct-13 04:00:00	16-Oct-13 05:00:00	0.00	7.90	0.00	0.00	6.86	2.1	329.7	0.00	2.60	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	16-Oct-13 04:00:00	0.23	12.95	18.92	83.84	88.94
16-Oct-13 05:00:00	16-Oct-13 06:00:00	0.00	1.09	0.00	0.00	6.89	2.1	329.7	0.00	0.36	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	16-Oct-13 05:00:00	0.23	10.71	18.92	83.84	88.95
16-Oct-13 06:00:00	16-Oct-13 07:00:00	0.00	0.93	0.00	0.00	6.93	2.1	329.7	0.00	0.31	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	16-Oct-13 06:00:00	0.23	10.66	18.92	83.84	88.96
16-Oct-13 07:00:00	16-Oct-13 08:00:00	0.00	3.73	0.00	0.00	6.97	2.1	329.7	0.00	1.23	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	16-Oct-13 07:00:00	0.23	11.58	18.92	83.84	88.98
16-Oct-13 08:00:00	16-Oct-13 09:00:00	0.00	2.53	0.00	0.00	6.88	2.1	329.7	0.00	0.83	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	16-Oct-13 08:00:00	0.23	11.18	18.92	83.84	88.95
16-Oct-13 09:00:00	16-Oct-13 10:00:00	0.00	0.16	0.00	0.00	6.68	2.1	329.7	0.00	0.05	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	16-Oct-13 09:00:00	0.23	10.40	18.92	83.84	88.88
16-Oct-13 10:00:00	16-Oct-13 11:00:00	0.00	0.40	0.00	0.00	6.49	2.1	329.7	0.00	0.13	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	16-Oct-13 10:00:00	0.23	10.48	18.92	83.84	88.82
16-Oct-13 11:00:00	16-Oct-13 12:00:00	0.00	1.91	0.00	0.00	6.30	2.1	329.7	0.00	0.63	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	16-Oct-13 11:00:00	0.23	10.98	18.92	83.84	88.76
16-Oct-13 12:00:00	16-Oct-13 13:00:00	0.00	5.50	0.00	0.00	6.06	2.1	329.7	0.00	1.81	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	16-Oct-13 12:00:00	0.23	12.16	18.92	83.84	88.68
16-Oct-13 13:00:00	16-Oct-13 14:00:00	0.00	2.87	0.00	0.00	5.93	2.1	329.7	0.00	0.95	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	16-Oct-13 13:00:00	0.23	11.30	18.92	83.84	88.64
16-Oct-13 14:00:00	16-Oct-13 15:00:00	0.00	7.10	0.00	0.00	5.80	2.1	329.7	0.00	2.34	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	16-Oct-13 14:00:00	0.23	12.69	18.92	83.84	88.59
16-Oct-13 15:00:00	16-Oct-13 16:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	16-Oct-13 15:00:00	0.23	10.35	18.92	83.84	88.55
16-Oct-13 16:00:00	16-Oct-13 17:00:00	0.00	0.00	0.00	0.00	5.42	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	16-Oct-13 16:00:00	0.23	10.35	18.92	83.84	88.47
16-Oct-13 17:00:00	16-Oct-13 18:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	16-Oct-13 17:00:00	0.23	10.35	18.92	83.84	88.48
16-Oct-13 18:00:00	16-Oct-13 19:00:00	0.00	0.00	0.00	0.00	5.49	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	16-Oct-13 18:00:00	0.23	10.35	18.92	83.84	88.49
16-Oct-13 19:00:00	16-Oct-13 20:00:00	0.00	0.00	0.00	6.71	5.52	2.1	329.7	0.00	0.00	0.00	2.21	1.82	0.23	10.35	18.92	83.84	86.68	16-Oct-13 19:00:00	0.23	10.35	18.92	86.05	88.50
16-Oct-13 20:00:00	16-Oct-13 21:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	16-Oct-13 20:00:00	0.23	10.35	18.92	83.84	88.59
16-Oct-13 21:00:00	16-Oct-13 22:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	16-Oct-13 21:00:00	0.23	10.35	18.92	83.84	88.64
16-Oct-13 22:00:00	16-Oct-13 23:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	16-Oct-13 22:00:00	0.23	10.35	18.92	83.84	88.69
16-Oct-13 23:00:00	17-Oct-13 00:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	16-Oct-13 23:00:00	0.23	10.35	18.92	83.84	88.74
17-Oct-13 00:00:00	17-Oct-13 01:00:00	0.00	1.45	0.00	0.00	6.29	2.1	329.7	0.00	0.48	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	17-Oct-13 00:00:00	0.23	10.83	18.92	83.84	88.75
17-Oct-13 01:00:00	17-Oct-13 02:00:00	0.00	4.64	0.00	0.00	6.36	2.1	329.7	0.00	1.53	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	17-Oct-13 01:00:00	0.23	11.88	18.92	83.84	88.78
17-Oct-13 02:00:00	17-Oct-13 03:00:00	0.00	7.06	0.00	0.00	6.42	2.1	329.7	0.00	2.33	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	17-Oct-13 02:00:00	0.23	12.68	18.92	83.84	88.80
17-Oct-13 03:00:00	17-Oct-13 04:00:00	0.00	2.20	0.00	0.00	6.49	2.1	329.7	0.00	0.73	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	17-Oct-13 03:00:00	0.23	11.08	18.92	83.84	88.82
17-Oct-13 04:00:00	17-Oct-13 05:00:00	0.00	1.20	0.00	0.00	6.56	2.1	329.7	0.00	0.39	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	17-Oct-13 04:00:00	0.23	10.74	18.92	83.84	88.84
17-Oct-13 05:00:00	17-Oct-13 06:00:00	0.00	1.12	0.00	0.00	6.52	2.1	329.7	0.00	0.37	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	17-Oct-13 05:00:00	0.23	10.72	18.92	83.84	88.83
17-Oct-13 06:00:00	17-Oct-13 07:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	17-Oct-13 06:00:00	0.23	10.35	18.92	83.84	88.82
17-Oct-13 07:00:00	17-Oct-13 08:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	17-Oct-13 07:00:00	0.23	10.35	18.92	83.84	88.80
17-Oct-13 08:00:00	17-Oct-13 09:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Oct-13 08:00:00	0.23	10.35	18.92	83.84	88.77
17-Oct-13 09:00:00	17-Oct-13 10:00:00	0.00	0.03	0.00	0.00	6.34	2.1	329.7	0.00	0.01	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Oct-13 09:00:00	0.23	10.36	18.92	83.84	88.77
17-Oct-13 10:00:00	17-Oct-13 11:00:00	0.00	0.32	0.00	0.00	6.34	2.1	329.7	0.00	0.11	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Oct-13 10:00:00	0.23	10.46	18.92	83.84	88.77
17-Oct-13 11:00:00	17-Oct-13 12:00:00	0.00	0.68	0.00	0.00	6.34	2.1	329.7	0.00	0.22	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Oct-13 11:00:00	0.23	10.57	18.92	83.84	88.77
17-Oct-13 12:00:00																								

19-Oct-13 10:00:00	19-Oct-13 11:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	19-Oct-13 10:00:00	0.23	10.35	18.92	83.84	88.78
19-Oct-13 11:00:00	19-Oct-13 12:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	19-Oct-13 11:00:00	0.23	10.35	18.92	83.84	88.77
19-Oct-13 12:00:00	19-Oct-13 13:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	19-Oct-13 12:00:00	0.23	10.35	18.92	83.84	88.78
19-Oct-13 13:00:00	19-Oct-13 14:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	19-Oct-13 13:00:00	0.23	10.35	18.92	83.84	88.78
19-Oct-13 14:00:00	19-Oct-13 15:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	19-Oct-13 14:00:00	0.23	10.35	18.92	83.84	88.77
19-Oct-13 15:00:00	19-Oct-13 16:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	19-Oct-13 15:00:00	0.23	10.35	18.92	83.84	88.77
19-Oct-13 16:00:00	19-Oct-13 17:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	19-Oct-13 16:00:00	0.23	10.35	18.92	83.84	88.79
19-Oct-13 17:00:00	19-Oct-13 18:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	19-Oct-13 17:00:00	0.23	10.35	18.92	83.84	88.81
19-Oct-13 18:00:00	19-Oct-13 19:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	19-Oct-13 18:00:00	0.23	10.35	18.92	83.84	88.84
19-Oct-13 19:00:00	19-Oct-13 20:00:00	0.00	0.00	0.00	0.00	6.61	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Oct-13 19:00:00	0.23	10.35	18.92	83.84	88.86
19-Oct-13 20:00:00	19-Oct-13 21:00:00	0.00	0.01	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Oct-13 20:00:00	0.23	10.35	18.92	83.84	88.87
19-Oct-13 21:00:00	19-Oct-13 22:00:00	0.00	0.31	0.00	0.00	6.64	2.1	329.7	0.00	0.10	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Oct-13 21:00:00	0.23	10.45	18.92	83.84	88.87
19-Oct-13 22:00:00	19-Oct-13 23:00:00	0.00	0.72	0.00	0.00	6.63	2.1	329.7	0.00	0.24	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Oct-13 22:00:00	0.23	10.59	18.92	83.84	88.87
19-Oct-13 23:00:00	20-Oct-13 00:00:00	0.00	0.61	0.00	0.00	6.62	2.1	329.7	0.00	0.20	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Oct-13 23:00:00	0.23	10.55	18.92	83.84	88.86
20-Oct-13 00:00:00	20-Oct-13 01:00:00	0.00	6.71	0.00	0.00	6.70	2.1	329.7	0.00	2.21	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	20-Oct-13 00:00:00	0.23	12.56	18.92	83.84	88.89
20-Oct-13 01:00:00	20-Oct-13 02:00:00	0.00	3.91	0.00	0.00	6.80	2.1	329.7	0.00	1.29	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	20-Oct-13 01:00:00	0.23	11.64	18.92	83.84	88.92
20-Oct-13 02:00:00	20-Oct-13 03:00:00	0.00	2.68	0.00	0.00	6.89	2.1	329.7	0.00	0.88	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	20-Oct-13 02:00:00	0.23	11.23	18.92	83.84	88.95
20-Oct-13 03:00:00	20-Oct-13 04:00:00	0.00	1.15	0.00	0.00	6.99	2.1	329.7	0.00	0.38	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	20-Oct-13 03:00:00	0.23	10.73	18.92	83.84	88.98
20-Oct-13 04:00:00	20-Oct-13 05:00:00	0.00	6.92	0.00	0.00	7.09	2.1	329.7	0.00	2.38	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	20-Oct-13 04:00:00	0.23	12.63	18.92	83.84	89.02
20-Oct-13 05:00:00	20-Oct-13 06:00:00	0.00	11.28	0.00	0.00	7.21	2.1	329.7	0.00	3.72	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	20-Oct-13 05:00:00	0.23	14.07	18.92	83.84	89.06
20-Oct-13 06:00:00	20-Oct-13 07:00:00	0.00	10.97	0.00	0.00	7.34	2.1	329.7	0.00	3.62	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	20-Oct-13 06:00:00	0.23	13.97	18.92	83.84	89.10
20-Oct-13 07:00:00	20-Oct-13 08:00:00	0.00	7.52	0.00	0.00	7.47	2.1	329.7	0.00	2.48	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	20-Oct-13 07:00:00	0.23	12.83	18.92	83.84	89.14
20-Oct-13 08:00:00	20-Oct-13 09:00:00	0.00	7.36	0.00	0.00	7.39	2.1	329.7	0.00	2.43	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	20-Oct-13 08:00:00	0.23	12.78	18.92	83.84	89.12
20-Oct-13 09:00:00	20-Oct-13 10:00:00	0.00	2.93	0.00	0.00	7.22	2.1	329.7	0.00	0.97	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	20-Oct-13 09:00:00	0.23	11.32	18.92	83.84	89.06
20-Oct-13 10:00:00	20-Oct-13 11:00:00	0.00	1.73	0.00	0.00	7.05	2.1	329.7	0.00	0.57	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	20-Oct-13 10:00:00	0.23	10.92	18.92	83.84	89.01
20-Oct-13 11:00:00	20-Oct-13 12:00:00	0.00	2.54	0.00	0.00	6.88	2.1	329.7	0.00	0.84	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	20-Oct-13 11:00:00	0.23	11.19	18.92	83.84	88.95
20-Oct-13 12:00:00	20-Oct-13 13:00:00	0.00	5.14	0.00	0.00	6.74	2.1	329.7	0.00	1.69	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	20-Oct-13 12:00:00	0.23	12.04	18.92	83.84	88.90
20-Oct-13 13:00:00	20-Oct-13 14:00:00	0.00	3.29	0.00	0.00	6.48	2.1	329.7	0.00	1.09	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	20-Oct-13 13:00:00	0.23	11.44	18.92	83.84	88.81
20-Oct-13 14:00:00	20-Oct-13 15:00:00	0.00	3.25	0.00	0.00	6.21	2.1	329.7	0.00	1.07	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	20-Oct-13 14:00:00	0.23	11.42	18.92	83.84	88.73
20-Oct-13 15:00:00	20-Oct-13 16:00:00	0.00	6.94	0.00	0.00	5.94	2.1	329.7	0.00	2.29	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	20-Oct-13 15:00:00	0.23	12.64	18.92	83.84	88.64
20-Oct-13 16:00:00	20-Oct-13 17:00:00	0.00	7.50	0.00	0.00	5.86	2.1	329.7	0.00	2.47	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	20-Oct-13 16:00:00	0.23	12.82	18.92	83.84	88.61
20-Oct-13 17:00:00	20-Oct-13 18:00:00	0.00	8.23	0.00	0.00	6.20	2.1	329.7	0.00	2.71	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	20-Oct-13 17:00:00	0.23	13.06	18.92	83.84	88.66
20-Oct-13 18:00:00	20-Oct-13 19:00:00	0.00	19.63	0.00	0.00	6.16	2.1	329.7	0.00	6.47	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	20-Oct-13 18:00:00	0.23	16.82	18.92	83.84	88.71
20-Oct-13 19:00:00	20-Oct-13 20:00:00	0.00	18.29	0.00	0.00	6.31	2.1	329.7	0.00	6.03	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	20-Oct-13 19:00:00	0.23	16.38	18.92	83.84	88.76
20-Oct-13 20:00:00	20-Oct-13 21:00:00	0.00	1.78	0.00	0.00	6.34	2.1	329.7	0.00	0.59	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	20-Oct-13 20:00:00	0.23	10.94	18.92	83.84	88.77
20-Oct-13 21:00:00	20-Oct-13 22:00:00	0.00	1.26	0.00	0.00	6.51	2.1	329.7	0.00	0.42	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	20-Oct-13 21:00:00	0.23	10.77	18.92	83.84	88.82
20-Oct-13 22:00:00	20-Oct-13 23:00:00	0.00	1.82	0.00	0.00	6.68	2.1	329.7	0.00	0.60	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	20-Oct-13 22:00:00	0.23	10.95	18.92	83.84	88.88
20-Oct-13 23:00:00	21-Oct-13 00:00:00	0.00	3.90	0.00	0.00	6.85	2.1	329.7	0.00	1.29	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	20-Oct-13 23:00:00	0.23	11.64	18.92	83.84	88.94
21-Oct-13 00:00:00	21-Oct-13 01:00:00	0.00	3.57	0.00	0.00	6.98	2.1	329.7	0.00	1.18	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	21-Oct-13 00:00:00	0.23	11.53	18.92	83.84	88.98
21-Oct-13 01:00:00	21-Oct-13 02:00:00	0.00	3.84	0.00	0.00	7.12	2.1	329.7	0.00	1.27	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	21-Oct-13 01:00:00	0.23	11.62	18.92	83.84	89.03
21-Oct-13 02:00:00	21-Oct-13 03:00:00	0.00	18.65	0.00	0.00	7.25	2.1	329.7	0.00	6.15	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	21-Oct-13 02:00:00	0.23	16.50	18.92	83.84	89.07
21-Oct-13 03:00:00	21-Oct-13 04:00:00	0.00	12.57	0.00	0.00	7.39	2.1	329.7	0.00	4.15	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	21-Oct-13 03:00:00	0.23	14.50	18.92	83.84	89.12
21-Oct-13 04:00:00	21-Oct-13 05:00:00	0.00	6.26	0.00	0.00	7.54	2.1	329.7	0.00	2.06	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	21-Oct-13 04:00:00	0.23	12.41	18.92	83.84	89.17
21-Oct-13 05:00:00	21-Oct-13 06:00:00	0.00	16.56	0.00	0.00	7.54	2.1	329.7	0.00	5.46	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	21-Oct-13 05:00:00	0.23	15.81	18.92	83.84	89.17
21-Oct-13 06:00:00	21-Oct-13 07:00:00	0.00	13.59	0.00	0.00	7.53	2.1	329.7	0.00	4.48	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	21-Oct-13 06:00:00	0.23	14.83	18.92	83.84	89.16
21-Oct-13 07																								

23-Oct-13 05:00:00	23-Oct-13 06:00:00	0.00	0.00	0.00	0.00	7.26	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	23-Oct-13 05:00:00	0.23	10.35	18.92	83.84	89.07
23-Oct-13 06:00:00	23-Oct-13 07:00:00	0.00	0.00	0.00	0.00	7.35	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	23-Oct-13 06:00:00	0.23	10.35	18.92	83.84	89.10
23-Oct-13 07:00:00	23-Oct-13 08:00:00	0.00	0.00	0.00	0.00	7.45	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	23-Oct-13 07:00:00	0.23	10.35	18.92	83.84	89.13
23-Oct-13 08:00:00	23-Oct-13 09:00:00	0.00	0.00	0.00	0.00	7.43	2.1	329.7	0.00	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	23-Oct-13 08:00:00	0.23	10.35	18.92	83.84	89.13
23-Oct-13 09:00:00	23-Oct-13 10:00:00	0.00	0.00	0.00	0.00	7.27	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	23-Oct-13 09:00:00	0.23	10.35	18.92	83.84	89.08
23-Oct-13 10:00:00	23-Oct-13 11:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	23-Oct-13 10:00:00	0.23	10.35	18.92	83.84	89.02
23-Oct-13 11:00:00	23-Oct-13 12:00:00	0.00	0.14	0.00	0.00	6.94	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	23-Oct-13 11:00:00	0.23	10.35	18.92	83.84	89.07
23-Oct-13 12:00:00	23-Oct-13 13:00:00	0.00	0.72	0.00	0.00	6.90	2.1	329.7	0.00	1.89	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	23-Oct-13 12:00:00	0.23	12.24	18.92	83.84	89.06
23-Oct-13 13:00:00	23-Oct-13 14:00:00	0.00	2.39	0.00	0.00	6.72	2.1	329.7	0.00	0.79	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	23-Oct-13 13:00:00	0.23	11.14	18.92	83.84	89.00
23-Oct-13 14:00:00	23-Oct-13 15:00:00	0.00	6.19	0.00	0.00	6.55	2.1	329.7	0.00	2.04	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	23-Oct-13 14:00:00	0.23	12.39	18.92	83.84	88.84
23-Oct-13 15:00:00	23-Oct-13 16:00:00	0.00	6.31	0.00	0.00	6.37	2.1	329.7	0.00	2.08	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	23-Oct-13 15:00:00	0.23	12.43	18.92	83.84	88.78
23-Oct-13 16:00:00	23-Oct-13 17:00:00	0.00	2.08	0.00	0.00	6.38	2.1	329.7	0.00	0.69	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	23-Oct-13 16:00:00	0.23	11.04	18.92	83.84	88.78
23-Oct-13 17:00:00	23-Oct-13 18:00:00	0.00	1.93	0.00	0.00	6.38	2.1	329.7	0.00	0.64	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	23-Oct-13 17:00:00	0.23	10.99	18.92	83.84	88.78
23-Oct-13 18:00:00	23-Oct-13 19:00:00	0.00	1.23	0.00	0.00	6.38	2.1	329.7	0.00	0.41	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	23-Oct-13 18:00:00	0.23	10.76	18.92	83.84	88.78
23-Oct-13 19:00:00	23-Oct-13 20:00:00	0.00	0.53	0.00	0.00	6.38	2.1	329.7	0.00	0.17	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	23-Oct-13 19:00:00	0.23	10.52	18.92	83.84	88.78
23-Oct-13 20:00:00	23-Oct-13 21:00:00	0.00	1.45	0.00	0.00	6.48	2.1	329.7	0.00	0.48	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	23-Oct-13 20:00:00	0.23	10.83	18.92	83.84	88.81
23-Oct-13 21:00:00	23-Oct-13 22:00:00	0.00	3.74	0.00	0.00	6.61	2.1	329.7	0.00	1.23	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	23-Oct-13 21:00:00	0.23	11.58	18.92	83.84	88.86
23-Oct-13 22:00:00	23-Oct-13 23:00:00	0.00	2.78	0.00	0.00	6.75	2.1	329.7	0.00	0.92	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	23-Oct-13 22:00:00	0.23	11.27	18.92	83.84	88.91
23-Oct-13 23:00:00	24-Oct-13 00:00:00	0.00	0.04	0.00	0.00	6.89	2.1	329.7	0.00	0.01	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	23-Oct-13 23:00:00	0.23	10.36	18.92	83.84	88.95
24-Oct-13 00:00:00	24-Oct-13 01:00:00	0.00	5.37	0.00	0.00	7.19	2.1	329.7	0.00	1.77	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	24-Oct-13 00:00:00	0.23	12.12	18.92	83.84	89.05
24-Oct-13 01:00:00	24-Oct-13 02:00:00	0.00	20.95	0.00	0.00	7.32	2.1	329.7	0.00	6.91	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	24-Oct-13 01:00:00	0.23	17.26	18.92	83.84	89.09
24-Oct-13 02:00:00	24-Oct-13 03:00:00	0.00	2.81	0.00	0.00	7.45	2.1	329.7	0.00	0.93	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	24-Oct-13 02:00:00	0.23	11.28	18.92	83.84	89.14
24-Oct-13 03:00:00	24-Oct-13 04:00:00	0.00	11.89	0.00	0.00	7.58	2.1	329.7	0.00	3.92	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	24-Oct-13 03:00:00	0.23	14.27	18.92	83.84	89.18
24-Oct-13 04:00:00	24-Oct-13 05:00:00	0.00	10.16	0.00	0.00	7.65	2.1	329.7	0.00	3.35	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	24-Oct-13 04:00:00	0.23	13.70	18.92	83.84	89.20
24-Oct-13 05:00:00	24-Oct-13 06:00:00	0.00	1.35	0.00	0.00	7.77	2.1	329.7	0.00	0.45	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	24-Oct-13 05:00:00	0.23	10.80	18.92	83.84	89.24
24-Oct-13 06:00:00	24-Oct-13 07:00:00	0.00	7.80	0.00	0.00	7.89	2.1	329.7	0.00	2.57	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	24-Oct-13 06:00:00	0.23	12.92	18.92	83.84	89.28
24-Oct-13 07:00:00	24-Oct-13 08:00:00	0.00	9.55	0.00	0.00	8.01	2.1	329.7	0.00	3.15	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	24-Oct-13 07:00:00	0.23	13.50	18.92	83.84	89.32
24-Oct-13 08:00:00	24-Oct-13 09:00:00	0.00	25.72	0.00	0.00	8.05	2.1	329.7	0.00	8.48	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	24-Oct-13 08:00:00	0.23	18.83	18.92	83.84	89.33
24-Oct-13 09:00:00	24-Oct-13 10:00:00	0.00	26.21	0.00	0.00	7.79	2.1	329.7	0.00	8.64	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	24-Oct-13 09:00:00	0.23	18.99	18.92	83.84	89.25
24-Oct-13 10:00:00	24-Oct-13 11:00:00	0.00	15.43	0.00	0.00	7.53	2.1	329.7	0.00	4.43	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	24-Oct-13 10:00:00	0.23	14.78	18.92	83.84	89.16
24-Oct-13 11:00:00	24-Oct-13 12:00:00	0.00	5.74	0.00	0.00	7.28	2.1	329.7	0.00	1.89	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	24-Oct-13 11:00:00	0.23	12.24	18.92	83.84	89.08
24-Oct-13 12:00:00	24-Oct-13 13:00:00	0.00	5.45	0.00	0.00	6.94	2.1	329.7	0.00	1.80	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	24-Oct-13 12:00:00	0.23	12.35	18.92	83.84	89.07
24-Oct-13 13:00:00	24-Oct-13 14:00:00	0.00	11.14	0.00	0.00	6.84	2.1	329.7	0.00	3.67	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	24-Oct-13 13:00:00	0.23	14.02	18.92	83.84	89.02
24-Oct-13 14:00:00	24-Oct-13 15:00:00	0.00	7.99	0.00	0.00	6.74	2.1	329.7	0.00	2.63	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	24-Oct-13 14:00:00	0.23	12.98	18.92	83.84	89.00
24-Oct-13 15:00:00	24-Oct-13 16:00:00	0.00	8.79	0.00	0.00	6.64	2.1	329.7	0.00	2.90	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	24-Oct-13 15:00:00	0.23	13.25	18.92	83.84	88.87
24-Oct-13 16:00:00	24-Oct-13 17:00:00	0.00	1.11	0.00	0.00	6.49	2.1	329.7	0.00	0.37	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	24-Oct-13 16:00:00	0.23	10.72	18.92	83.84	88.82
24-Oct-13 17:00:00	24-Oct-13 18:00:00	0.00	1.71	0.00	0.00	6.45	2.1	329.7	0.00	0.56	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	24-Oct-13 17:00:00	0.23	10.91	18.92	83.84	88.81
24-Oct-13 18:00:00	24-Oct-13 19:00:00	0.00	0.47	0.00	0.00	6.40	2.1	329.7	0.00	0.15	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	24-Oct-13 18:00:00	0.23	10.50	18.92	83.84	88.79
24-Oct-13 19:00:00	24-Oct-13 20:00:00	0.00	0.31	0.00	0.00	6.36	2.1	329.7	0.00	0.10	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	24-Oct-13 19:00:00	0.23	10.45	18.92	83.84	88.78
24-Oct-13 20:00:00	24-Oct-13 21:00:00	0.00	0.15	0.00	0.00	6.30	2.1	329.7	0.00	0.05	0.00	0.00	4.57	0.23	10.35	18.92	83.84	86.68	24-Oct-13 20:00:00	0.23	10.40	18.92	83.84	89.27
24-Oct-13 21:00:00	24-Oct-13 22:00:00	0.00	0.02	0.00	0.00	54.41	6.62	2.1	329.7	0.00	0.01	0.00	17.94	2.18	0.23	10.35	18.92	83.84	86.68	24-Oct-13 21:00:00	0.23	10.36	18.92	83.

27-Oct-13 00:00:00	27-Oct-13 01:00:00	0.00	1,302.54	0.00	0.00	7.06	2.1	329.7	0.00	429.45	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	27-Oct-13 00:00:00	0.23	439.80	18.92	83.84	89.01
27-Oct-13 01:00:00	27-Oct-13 02:00:00	0.00	1,299.62	0.00	0.00	7.16	2.1	329.7	0.00	428.49	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	27-Oct-13 01:00:00	0.23	438.84	18.92	83.84	89.04
27-Oct-13 02:00:00	27-Oct-13 03:00:00	0.00	1,322.45	0.00	0.00	7.29	2.1	329.7	0.00	436.01	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	27-Oct-13 02:00:00	0.23	446.36	18.92	83.84	89.08
27-Oct-13 03:00:00	27-Oct-13 04:00:00	0.00	1,310.21	0.00	0.00	7.42	2.1	329.7	0.00	431.97	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	27-Oct-13 03:00:00	0.23	442.32	18.92	83.84	89.13
27-Oct-13 04:00:00	27-Oct-13 05:00:00	0.00	1,329.05	0.00	0.00	7.59	2.1	329.7	0.00	438.19	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	27-Oct-13 04:00:00	0.23	448.54	18.92	83.84	89.18
27-Oct-13 05:00:00	27-Oct-13 06:00:00	526.79	1,389.44	0.00	0.00	7.73	2.1	329.7	173.68	458.10	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	27-Oct-13 05:00:00	173.91	468.45	18.92	83.84	89.23
27-Oct-13 06:00:00	27-Oct-13 07:00:00	1,455.25	1,353.59	0.00	0.00	7.87	2.1	329.7	385.75	413.31	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	27-Oct-13 06:00:00	383.98	423.33	18.92	83.84	89.27
27-Oct-13 07:00:00	27-Oct-13 08:00:00	1,455.20	1,349.25	0.00	0.00	7.97	2.1	329.7	479.78	444.85	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	27-Oct-13 07:00:00	479.01	455.20	18.92	83.84	89.31
27-Oct-13 08:00:00	27-Oct-13 09:00:00	1,315.92	1,400.63	0.00	0.00	8.01	2.1	329.7	433.86	461.79	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	27-Oct-13 08:00:00	434.09	472.14	18.92	83.84	89.32
27-Oct-13 09:00:00	27-Oct-13 10:00:00	1,106.47	1,333.67	0.00	0.00	7.59	2.1	329.7	364.80	439.71	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	27-Oct-13 09:00:00	365.03	450.06	18.92	83.84	89.18
27-Oct-13 10:00:00	27-Oct-13 11:00:00	1,319.40	1,383.81	0.00	0.00	7.12	2.1	329.7	435.00	456.24	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	27-Oct-13 10:00:00	435.23	466.59	18.92	83.84	89.03
27-Oct-13 11:00:00	27-Oct-13 12:00:00	1,584.89	1,035.29	0.00	0.00	6.65	2.1	329.7	522.54	341.34	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	27-Oct-13 11:00:00	522.77	351.69	18.92	83.84	88.87
27-Oct-13 12:00:00	27-Oct-13 13:00:00	1,582.73	1,014.42	0.00	0.00	6.33	2.1	329.7	521.83	334.45	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Oct-13 12:00:00	522.06	344.80	18.92	83.84	88.77
27-Oct-13 13:00:00	27-Oct-13 14:00:00	1,930.67	1,189.91	0.00	0.00	6.29	2.1	329.7	636.54	392.31	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	27-Oct-13 13:00:00	636.77	402.66	18.92	83.84	88.75
27-Oct-13 14:00:00	27-Oct-13 15:00:00	1,878.26	1,608.84	0.00	0.00	6.25	2.1	329.7	619.26	530.44	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	27-Oct-13 14:00:00	619.49	540.79	18.92	83.84	88.74
27-Oct-13 15:00:00	27-Oct-13 16:00:00	1,353.24	1,453.66	0.00	0.00	6.22	2.1	329.7	446.16	479.27	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Oct-13 15:00:00	446.39	489.62	18.92	83.84	88.73
27-Oct-13 16:00:00	27-Oct-13 17:00:00	1,541.58	1,249.72	0.00	0.00	6.14	2.1	329.7	508.26	412.03	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	27-Oct-13 16:00:00	508.49	422.38	18.92	83.84	88.70
27-Oct-13 17:00:00	27-Oct-13 18:00:00	1,445.18	1,267.47	0.00	0.00	6.16	2.1	329.7	476.48	417.88	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	27-Oct-13 17:00:00	476.71	428.23	18.92	83.84	88.71
27-Oct-13 18:00:00	27-Oct-13 19:00:00	1,279.16	1,111.69	0.00	0.00	6.22	2.1	329.7	421.74	366.53	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Oct-13 18:00:00	421.97	376.88	18.92	83.84	88.73
27-Oct-13 19:00:00	27-Oct-13 20:00:00	1,437.10	937.51	0.00	0.00	6.27	2.1	329.7	473.81	309.10	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	27-Oct-13 19:00:00	474.04	319.45	18.92	83.84	88.75
27-Oct-13 20:00:00	27-Oct-13 21:00:00	1,397.09	243.39	0.00	0.00	6.36	2.1	329.7	460.62	80.25	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	27-Oct-13 20:00:00	460.85	90.60	18.92	83.84	88.78
27-Oct-13 21:00:00	27-Oct-13 22:00:00	1,065.53	66.33	0.00	0.00	6.66	2.1	329.7	351.31	21.87	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	27-Oct-13 21:00:00	351.54	32.22	18.92	83.84	88.88
27-Oct-13 22:00:00	27-Oct-13 23:00:00	920.12	0.00	0.00	0.00	7.00	2.1	329.7	303.36	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	27-Oct-13 22:00:00	303.59	10.35	18.92	83.84	88.99
27-Oct-13 23:00:00	28-Oct-13 00:00:00	684.91	0.00	0.00	0.00	7.34	2.1	329.7	225.81	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	27-Oct-13 23:00:00	226.04	10.35	18.92	83.84	89.10
28-Oct-13 00:00:00	28-Oct-13 01:00:00	905.50	0.00	0.00	0.00	7.53	2.1	329.7	298.54	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	28-Oct-13 00:00:00	298.77	10.35	18.92	83.84	89.16
28-Oct-13 01:00:00	28-Oct-13 02:00:00	1,392.66	0.00	0.00	0.00	7.53	2.1	329.7	459.16	0.00	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	28-Oct-13 01:00:00	459.39	10.35	18.92	83.84	89.16
28-Oct-13 02:00:00	28-Oct-13 03:00:00	1,457.76	0.00	0.00	0.00	7.54	2.1	329.7	480.62	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	28-Oct-13 02:00:00	480.85	10.35	18.92	83.84	89.17
28-Oct-13 03:00:00	28-Oct-13 04:00:00	1,703.30	0.00	0.00	0.00	7.55	2.1	329.7	561.58	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	28-Oct-13 03:00:00	561.81	10.35	18.92	83.84	89.17
28-Oct-13 04:00:00	28-Oct-13 05:00:00	1,696.86	0.00	0.00	0.00	7.47	2.1	329.7	559.46	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	28-Oct-13 04:00:00	559.69	10.35	18.92	83.84	89.14
28-Oct-13 05:00:00	28-Oct-13 06:00:00	1,500.05	0.00	0.00	0.00	7.45	2.1	329.7	494.57	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	28-Oct-13 05:00:00	494.80	10.35	18.92	83.84	89.13
28-Oct-13 06:00:00	28-Oct-13 07:00:00	1,332.82	0.00	0.00	0.00	7.47	2.1	329.7	439.43	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	28-Oct-13 06:00:00	439.66	10.35	18.92	83.84	89.14
28-Oct-13 07:00:00	28-Oct-13 08:00:00	1,004.30	0.00	0.00	0.00	7.49	2.1	329.7	331.08	0.00	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	28-Oct-13 07:00:00	331.31	10.35	18.92	83.84	89.15
28-Oct-13 08:00:00	28-Oct-13 09:00:00	337.14	0.00	0.00	0.00	7.47	2.1	329.7	111.15	0.00	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	28-Oct-13 08:00:00	111.38	10.35	18.92	83.84	89.14
28-Oct-13 09:00:00	28-Oct-13 10:00:00	632.14	0.00	0.00	0.00	7.31	2.1	329.7	208.42	0.00	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	28-Oct-13 09:00:00	208.65	10.35	18.92	83.84	89.09
28-Oct-13 10:00:00	28-Oct-13 11:00:00	468.07	0.00	0.00	0.00	7.14	2.1	329.7	154.32	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	28-Oct-13 10:00:00	154.55	10.35	18.92	83.84	89.03
28-Oct-13 11:00:00	28-Oct-13 12:00:00	328.32	0.00	0.00	0.00	6.97	2.1	329.7	108.25	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	28-Oct-13 11:00:00	108.48	10.35	18.92	83.84	88.98
28-Oct-13 12:00:00	28-Oct-13 13:00:00	445.96	0.00	0.00	0.00	6.74	2.1	329.7	147.03	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	28-Oct-13 12:00:00	147.26	10.35	18.92	83.84	88.90
28-Oct-13 13:00:00	28-Oct-13 14:00:00	514.13	0.00	0.00	0.00	7.21	2.1	329.7	169.51	0.00	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	28-Oct-13 13:00:00	169.74	10.35	18.92	83.84	112.13
28-Oct-13 14:00:00	28-Oct-13 15:00:00	1,046.98	0.00	0.00	0.00	40.82	15.76	2.1	329.7	345.19	0.00	13.46	5.20	0.23	10.35	18.92	83.84	86.68	28-Oct-13 14:00:00	345.42	10.35	18.92	97.30	91.88
28-Oct-13 15:00:00	28-Oct-13 16:00:00	1,375.27	0.00	0.00	0.00	6.23	2.1	329.7	453.43	0.00	0.00	0.00	2.05	0.23	10.35	1								

30-Oct-13 19:00:00	30-Oct-13 20:00:00	0.00	1.49	0.00	0.00	4.44	2.1	329.7	0.00	0.49	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	30-Oct-13 19:00:00	0.23	10.84	18.92	83.84	88.14
30-Oct-13 20:00:00	30-Oct-13 21:00:00	0.00	0.03	0.00	0.00	4.72	2.1	329.7	0.00	0.01	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	30-Oct-13 20:00:00	0.23	10.36	18.92	83.84	88.24
30-Oct-13 21:00:00	30-Oct-13 22:00:00	0.00	4.31	0.00	0.00	5.01	2.1	329.7	0.00	1.42	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	30-Oct-13 21:00:00	0.23	11.77	18.92	83.84	88.33
30-Oct-13 22:00:00	30-Oct-13 23:00:00	0.00	13.80	0.00	0.00	5.15	2.1	329.7	0.00	4.55	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	30-Oct-13 22:00:00	0.23	14.90	18.92	83.84	88.38
30-Oct-13 23:00:00	31-Oct-13 00:00:00	0.00	12.70	0.00	0.00	5.29	2.1	329.7	0.00	4.19	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	30-Oct-13 23:00:00	0.23	14.54	18.92	83.84	88.42
31-Oct-13 00:00:00	31-Oct-13 01:00:00	0.00	5.53	0.00	0.00	5.43	2.1	329.7	0.00	1.93	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	31-Oct-13 00:00:00	0.23	12.17	18.92	83.84	88.47
31-Oct-13 01:00:00	31-Oct-13 02:00:00	0.00	9.20	0.00	0.00	5.48	2.1	329.7	0.00	3.03	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	31-Oct-13 01:00:00	0.23	13.38	18.92	83.84	88.52
31-Oct-13 02:00:00	31-Oct-13 03:00:00	0.00	2.24	0.00	0.00	5.70	2.1	329.7	0.00	0.74	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	31-Oct-13 02:00:00	0.23	11.09	18.92	83.84	88.56
31-Oct-13 03:00:00	31-Oct-13 04:00:00	0.00	3.29	0.00	0.00	5.80	2.1	329.7	0.00	1.08	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	31-Oct-13 03:00:00	0.23	11.43	18.92	83.84	88.59
31-Oct-13 04:00:00	31-Oct-13 05:00:00	0.00	0.67	0.00	0.00	5.90	2.1	329.7	0.00	0.22	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	31-Oct-13 04:00:00	0.23	10.57	18.92	83.84	88.63
31-Oct-13 05:00:00	31-Oct-13 06:00:00	0.00	0.46	0.00	0.00	6.00	2.1	329.7	0.00	0.15	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	31-Oct-13 05:00:00	0.23	10.50	18.92	83.84	88.66
31-Oct-13 06:00:00	31-Oct-13 07:00:00	0.00	0.26	0.00	0.00	6.08	2.1	329.7	0.00	0.08	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	31-Oct-13 06:00:00	0.23	10.43	18.92	83.84	88.69
31-Oct-13 07:00:00	31-Oct-13 08:00:00	0.00	0.06	0.00	0.00	6.11	2.1	329.7	0.00	0.02	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	31-Oct-13 07:00:00	0.23	10.37	18.92	83.84	88.70
31-Oct-13 08:00:00	31-Oct-13 09:00:00	0.00	0.00	0.00	0.00	6.14	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	31-Oct-13 08:00:00	0.23	10.35	18.92	83.84	88.71
31-Oct-13 09:00:00	31-Oct-13 10:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	31-Oct-13 09:00:00	0.23	10.35	18.92	83.84	88.72
31-Oct-13 10:00:00	31-Oct-13 11:00:00	0.00	0.00	0.00	0.00	5.96	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	31-Oct-13 10:00:00	0.23	10.35	18.92	83.84	88.74
31-Oct-13 11:00:00	31-Oct-13 12:00:00	0.00	0.75	0.00	0.00	5.58	2.1	329.7	0.00	0.25	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	31-Oct-13 11:00:00	0.23	10.60	18.92	83.84	88.72
31-Oct-13 12:00:00	31-Oct-13 13:00:00	0.00	3.74	0.00	0.00	5.21	2.1	329.7	0.00	1.23	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	31-Oct-13 12:00:00	0.23	11.58	18.92	83.84	88.40
31-Oct-13 13:00:00	31-Oct-13 14:00:00	0.00	3.24	0.00	0.00	4.83	2.1	329.7	0.00	1.07	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	31-Oct-13 13:00:00	0.23	11.42	18.92	83.84	88.27
31-Oct-13 14:00:00	31-Oct-13 15:00:00	0.00	7.54	0.00	0.00	4.69	2.1	329.7	0.00	2.49	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	31-Oct-13 14:00:00	0.23	12.84	18.92	83.84	88.23
31-Oct-13 15:00:00	31-Oct-13 16:00:00	0.00	5.79	0.00	0.00	4.64	2.1	329.7	0.00	1.91	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	31-Oct-13 15:00:00	0.23	12.26	18.92	83.84	88.21
31-Oct-13 16:00:00	31-Oct-13 17:00:00	0.00	0.78	0.00	0.00	4.59	2.1	329.7	0.00	0.26	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	31-Oct-13 16:00:00	0.23	10.61	18.92	83.84	88.19
31-Oct-13 17:00:00	31-Oct-13 18:00:00	0.00	0.00	0.00	0.00	4.54	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	31-Oct-13 17:00:00	0.23	10.35	18.92	83.84	88.18
31-Oct-13 18:00:00	31-Oct-13 19:00:00	0.00	0.00	0.00	0.00	4.59	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	31-Oct-13 18:00:00	0.23	10.35	18.92	83.84	88.19
31-Oct-13 19:00:00	31-Oct-13 20:00:00	0.00	0.00	0.00	0.00	4.74	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	31-Oct-13 19:00:00	0.23	10.35	18.92	83.84	88.24
31-Oct-13 20:00:00	31-Oct-13 21:00:00	0.00	0.00	0.00	0.00	4.89	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	31-Oct-13 20:00:00	0.23	10.35	18.92	83.84	88.29
31-Oct-13 21:00:00	31-Oct-13 22:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	31-Oct-13 21:00:00	0.23	10.35	18.92	83.84	88.34
31-Oct-13 22:00:00	31-Oct-13 23:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	31-Oct-13 22:00:00	0.23	10.35	18.92	83.84	88.36
31-Oct-13 23:00:00	01-Nov-13 00:00:00	0.00	0.00	0.00	0.00	5.10	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	31-Oct-13 23:00:00	0.23	10.35	18.92	83.84	88.36
01-Nov-13 00:00:00	01-Nov-13 01:00:00	0.00	0.00	0.00	0.00	5.09	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	01-Nov-13 00:00:00	0.23	10.35	18.92	83.84	88.36
01-Nov-13 01:00:00	01-Nov-13 02:00:00	0.00	0.00	0.00	0.00	5.09	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	01-Nov-13 01:00:00	0.23	10.35	18.92	83.84	88.36
01-Nov-13 02:00:00	01-Nov-13 03:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	01-Nov-13 02:00:00	0.23	10.35	18.92	83.84	88.36
01-Nov-13 03:00:00	01-Nov-13 04:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	01-Nov-13 03:00:00	0.23	10.35	18.92	83.84	88.37
01-Nov-13 04:00:00	01-Nov-13 05:00:00	0.00	0.00	0.00	0.00	5.13	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	01-Nov-13 04:00:00	0.23	10.35	18.92	83.84	88.37
01-Nov-13 05:00:00	01-Nov-13 06:00:00	0.00	0.00	0.00	0.00	5.14	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	01-Nov-13 05:00:00	0.23	10.35	18.92	83.84	88.37
01-Nov-13 06:00:00	01-Nov-13 07:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	01-Nov-13 06:00:00	0.23	10.35	18.92	83.84	88.40
01-Nov-13 07:00:00	01-Nov-13 08:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	01-Nov-13 07:00:00	0.23	10.35	18.92	83.84	88.43
01-Nov-13 08:00:00	01-Nov-13 09:00:00	88.25	0.00	0.00	0.00	5.43	2.1	329.7	29.09	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	01-Nov-13 08:00:00	29.32	10.35	18.92	83.84	88.47
01-Nov-13 09:00:00	01-Nov-13 10:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	01-Nov-13 09:00:00	0.23	10.35	18.92	83.84	88.51
01-Nov-13 10:00:00	01-Nov-13 11:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	01-Nov-13 10:00:00	0.23	10.35	18.92	83.84	88.53
01-Nov-13 11:00:00	01-Nov-13 12:00:00	0.00	0.00	0.00	0.00	5.63	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	01-Nov-13 11:00:00	0.23	10.35	18.92	83.84	88.54</

03-Nov-13 13:00:00	03-Nov-13 14:00:00	0.00	4.63	0.00	0.00	5.16	2.1	329.7	0.00	1.53	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	03-Nov-13 13:00:00	0.23	11.88	18.92	83.84	88.38
03-Nov-13 14:00:00	03-Nov-13 15:00:00	0.00	0.22	0.00	0.00	5.08	2.1	329.7	0.00	0.07	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	03-Nov-13 14:00:00	0.23	10.42	18.92	83.84	88.36
03-Nov-13 15:00:00	03-Nov-13 16:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	03-Nov-13 15:00:00	0.23	10.35	18.92	83.84	88.36
03-Nov-13 16:00:00	03-Nov-13 17:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	03-Nov-13 16:00:00	0.23	10.35	18.92	83.84	88.36
03-Nov-13 17:00:00	03-Nov-13 18:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	03-Nov-13 17:00:00	0.23	10.35	18.92	83.84	88.36
03-Nov-13 18:00:00	03-Nov-13 19:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	03-Nov-13 18:00:00	0.23	10.35	18.92	83.84	88.36
03-Nov-13 19:00:00	03-Nov-13 20:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	03-Nov-13 19:00:00	0.23	10.35	18.92	83.84	88.36
03-Nov-13 20:00:00	03-Nov-13 21:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	03-Nov-13 20:00:00	0.23	10.35	18.92	83.84	88.36
03-Nov-13 21:00:00	03-Nov-13 22:00:00	0.00	1.12	0.00	0.00	6.07	2.1	329.7	0.00	0.37	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	03-Nov-13 21:00:00	0.23	10.72	18.92	83.84	88.36
03-Nov-13 22:00:00	03-Nov-13 23:00:00	0.00	3.40	0.00	0.00	6.22	2.1	329.7	0.00	1.12	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	03-Nov-13 22:00:00	0.23	11.47	18.92	83.84	88.36
03-Nov-13 23:00:00	04-Nov-13 00:00:00	0.00	5.84	0.00	0.00	6.23	2.1	329.7	0.00	1.93	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	03-Nov-13 23:00:00	0.23	12.28	18.92	83.84	88.36
04-Nov-13 00:00:00	04-Nov-13 01:00:00	0.00	9.30	0.00	0.00	6.24	2.1	329.7	0.00	3.07	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	04-Nov-13 00:00:00	0.23	13.42	18.92	83.84	88.36
04-Nov-13 01:00:00	04-Nov-13 02:00:00	0.00	7.15	0.00	0.00	6.25	2.1	329.7	0.00	2.36	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	04-Nov-13 01:00:00	0.23	12.71	18.92	83.84	88.36
04-Nov-13 02:00:00	04-Nov-13 03:00:00	0.00	14.33	0.00	0.00	6.46	2.1	329.7	0.00	4.73	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	04-Nov-13 02:00:00	0.23	15.08	18.92	83.84	88.36
04-Nov-13 03:00:00	04-Nov-13 04:00:00	0.00	0.08	0.00	0.00	6.55	2.1	329.7	0.00	0.03	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	04-Nov-13 03:00:00	0.23	10.38	18.92	83.84	88.36
04-Nov-13 04:00:00	04-Nov-13 05:00:00	0.00	0.28	0.00	0.00	6.65	2.1	329.7	0.00	0.09	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	04-Nov-13 04:00:00	0.23	10.44	18.92	83.84	88.36
04-Nov-13 05:00:00	04-Nov-13 06:00:00	0.00	0.74	0.00	0.00	6.74	2.1	329.7	0.00	0.24	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	04-Nov-13 05:00:00	0.23	10.59	18.92	83.84	88.36
04-Nov-13 06:00:00	04-Nov-13 07:00:00	0.00	3.22	0.00	0.00	6.72	2.1	329.7	0.00	1.06	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	04-Nov-13 06:00:00	0.23	11.41	18.92	83.84	88.36
04-Nov-13 07:00:00	04-Nov-13 08:00:00	0.00	16.67	0.00	0.00	6.58	2.1	329.7	0.00	5.49	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	04-Nov-13 07:00:00	0.23	15.84	18.92	83.84	88.36
04-Nov-13 08:00:00	04-Nov-13 09:00:00	0.00	17.06	0.00	0.00	6.43	2.1	329.7	0.00	5.62	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	04-Nov-13 08:00:00	0.23	15.97	18.92	83.84	88.36
04-Nov-13 09:00:00	04-Nov-13 10:00:00	0.00	10.46	0.00	0.00	6.29	2.1	329.7	0.00	3.45	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	04-Nov-13 09:00:00	0.23	13.80	18.92	83.84	88.36
04-Nov-13 10:00:00	04-Nov-13 11:00:00	0.00	4.94	0.00	0.00	6.14	2.1	329.7	0.00	1.63	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	04-Nov-13 10:00:00	0.23	11.98	18.92	83.84	88.36
04-Nov-13 11:00:00	04-Nov-13 12:00:00	0.00	2.68	0.00	0.00	6.00	2.1	329.7	0.00	0.88	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	04-Nov-13 11:00:00	0.23	11.23	18.92	83.84	88.36
04-Nov-13 12:00:00	04-Nov-13 13:00:00	0.00	12.62	0.00	0.00	5.86	2.1	329.7	0.00	4.16	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	04-Nov-13 12:00:00	0.23	14.51	18.92	83.84	88.36
04-Nov-13 13:00:00	04-Nov-13 14:00:00	0.00	9.17	0.00	0.00	5.72	2.1	329.7	0.00	3.02	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	04-Nov-13 13:00:00	0.23	13.37	18.92	83.84	88.36
04-Nov-13 14:00:00	04-Nov-13 15:00:00	0.00	25.28	0.00	0.00	5.66	2.1	329.7	0.00	8.34	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	04-Nov-13 14:00:00	0.23	18.69	18.92	83.84	88.36
04-Nov-13 15:00:00	04-Nov-13 16:00:00	0.00	23.79	0.00	0.00	5.68	2.1	329.7	0.00	7.84	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	04-Nov-13 15:00:00	0.23	18.19	18.92	83.84	88.36
04-Nov-13 16:00:00	04-Nov-13 17:00:00	0.00	8.51	0.00	0.00	5.71	2.1	329.7	0.00	2.81	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	04-Nov-13 16:00:00	0.23	13.16	18.92	83.84	88.36
04-Nov-13 17:00:00	04-Nov-13 18:00:00	0.00	11.70	0.00	0.00	5.73	2.1	329.7	0.00	3.86	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	04-Nov-13 17:00:00	0.23	14.21	18.92	83.84	88.36
04-Nov-13 18:00:00	04-Nov-13 19:00:00	0.00	12.50	0.00	0.00	5.72	2.1	329.7	0.00	4.12	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	04-Nov-13 18:00:00	0.23	14.47	18.92	83.84	88.36
04-Nov-13 19:00:00	04-Nov-13 20:00:00	0.00	8.09	0.00	0.00	5.86	2.1	329.7	0.00	2.67	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	04-Nov-13 19:00:00	0.23	13.02	18.92	83.84	88.36
04-Nov-13 20:00:00	04-Nov-13 21:00:00	0.00	7.20	0.00	0.00	6.20	2.1	329.7	0.00	2.37	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	04-Nov-13 20:00:00	0.23	12.72	18.92	83.84	88.36
04-Nov-13 21:00:00	04-Nov-13 22:00:00	0.00	9.86	0.00	0.00	6.15	2.1	329.7	0.00	3.25	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	04-Nov-13 21:00:00	0.23	13.60	18.92	83.84	88.36
04-Nov-13 22:00:00	04-Nov-13 23:00:00	0.00	2.22	0.00	0.00	6.28	2.1	329.7	0.00	0.73	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	04-Nov-13 22:00:00	0.23	11.08	18.92	83.84	88.36
04-Nov-13 23:00:00	05-Nov-13 00:00:00	0.00	6.15	0.00	0.00	6.42	2.1	329.7	0.00	2.03	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	04-Nov-13 23:00:00	0.23	12.38	18.92	83.84	88.36
05-Nov-13 00:00:00	05-Nov-13 01:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	05-Nov-13 00:00:00	0.23	10.35	18.92	83.84	88.36
05-Nov-13 01:00:00	05-Nov-13 02:00:00	0.00	3.39	0.00	0.00	6.70	2.1	329.7	0.00	1.12	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	05-Nov-13 01:00:00	0.23	11.47	18.92	83.84	88.36
05-Nov-13 02:00:00	05-Nov-13 03:00:00	0.00	15.91	0.00	0.00	6.79	2.1	329.7	0.00	5.24	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	05-Nov-13 02:00:00	0.23	15.59	18.92	83.84	88.36
05-Nov-13 03:00:00	05-Nov-13 04:00:00	0.00	5.50	0.00	0.00	6.79	2.1	329.7	0.00	1.81	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	05-Nov-13 03:00:00	0.23	12.16	18.92	83.84	88.36
05-Nov-13 04:00:00	05-Nov-13 05:00:00	0.00	2.49	0.00	0.00	6.79	2.1	329.7	0.00	0.82	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	05-Nov-13 04:00:00	0.23	11.17	18.92	83.84	88.36
05-Nov-13 05:00:00	05-Nov-13 06:00:00	0.00	2.45	0.00	0.00	6.79	2.1	329.7	0.00	0.81	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	05-Nov-13 05:00:00	0.23	11.16	18.92	83.84	8

11-Nov-13 03:00:00	11-Nov-13 04:00:00	0.00	9.23	0.00	0.00	6.24	2.1	329.7	0.00	3.04	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	11-Nov-13 03:00:00	0.23	13.39	18.92	83.84	88.74
11-Nov-13 04:00:00	11-Nov-13 05:00:00	0.00	7.28	0.00	0.00	0.00	2.1	329.7	0.00	2.40	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	11-Nov-13 04:00:00	0.23	12.75	18.92	83.84	86.68
11-Nov-13 05:00:00	11-Nov-13 06:00:00	0.00	3.72	0.00	0.00	6.92	2.1	329.7	0.00	1.23	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	11-Nov-13 05:00:00	0.23	11.58	18.92	83.84	88.96
11-Nov-13 06:00:00	11-Nov-13 07:00:00	0.00	0.40	0.00	0.00	6.93	2.1	329.7	0.00	0.13	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	11-Nov-13 06:00:00	0.23	10.48	18.92	83.84	88.96
11-Nov-13 07:00:00	11-Nov-13 08:00:00	0.00	1.49	0.00	0.00	6.93	2.1	329.7	0.00	0.49	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	11-Nov-13 07:00:00	0.23	10.84	18.92	83.84	88.96
11-Nov-13 08:00:00	11-Nov-13 09:00:00	0.00	1.65	0.00	0.00	0.00	2.1	329.7	0.00	0.54	0.00	0.00	0.00	0.23	10.35	18.92	83.84	86.68	11-Nov-13 08:00:00	0.23	10.89	18.92	83.84	86.68
11-Nov-13 09:00:00	11-Nov-13 10:00:00	0.00	0.73	0.00	0.00	6.97	2.1	329.7	0.00	0.24	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	11-Nov-13 09:00:00	0.23	10.59	18.92	83.84	88.75
11-Nov-13 10:00:00	11-Nov-13 11:00:00	0.00	0.73	0.00	0.00	6.17	2.1	329.7	0.00	0.24	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	11-Nov-13 10:00:00	0.23	10.59	18.92	83.84	88.72
11-Nov-13 11:00:00	11-Nov-13 12:00:00	0.00	0.73	0.00	0.00	6.02	2.1	329.7	0.00	0.24	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	11-Nov-13 11:00:00	0.23	10.59	18.92	83.84	88.66
11-Nov-13 12:00:00	11-Nov-13 13:00:00	0.00	1.54	0.00	70.21	5.86	2.1	329.7	0.00	0.51	0.00	23.15	1.93	0.23	10.35	18.92	83.84	86.68	11-Nov-13 12:00:00	0.23	10.86	18.92	106.99	88.61
11-Nov-13 13:00:00	11-Nov-13 14:00:00	0.00	4.03	0.00	54.88	5.71	2.1	329.7	0.00	1.33	0.00	18.09	1.88	0.23	10.35	18.92	83.84	86.68	11-Nov-13 13:00:00	0.23	11.68	18.92	101.93	88.56
11-Nov-13 14:00:00	11-Nov-13 15:00:00	0.00	7.35	0.00	37.27	5.57	2.1	329.7	0.00	2.42	0.00	12.29	1.84	0.23	10.35	18.92	83.84	86.68	11-Nov-13 14:00:00	0.23	12.77	18.92	96.13	88.52
11-Nov-13 15:00:00	11-Nov-13 16:00:00	0.00	9.99	0.00	0.00	5.42	2.1	329.7	0.00	3.29	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	11-Nov-13 15:00:00	0.23	13.64	18.92	83.84	88.47
11-Nov-13 16:00:00	11-Nov-13 17:00:00	0.00	5.34	0.00	0.00	5.27	2.1	329.7	0.00	1.76	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	11-Nov-13 16:00:00	0.23	12.11	18.92	83.84	88.42
11-Nov-13 17:00:00	11-Nov-13 18:00:00	0.00	8.26	0.00	0.00	5.12	2.1	329.7	0.00	2.72	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	11-Nov-13 17:00:00	0.23	13.07	18.92	83.84	88.37
11-Nov-13 18:00:00	11-Nov-13 19:00:00	0.00	2.39	0.00	0.00	5.33	2.1	329.7	0.00	0.79	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	11-Nov-13 18:00:00	0.23	11.14	18.92	83.84	88.44
11-Nov-13 19:00:00	11-Nov-13 20:00:00	0.00	3.19	0.00	0.00	5.73	2.1	329.7	0.00	1.05	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	11-Nov-13 19:00:00	0.23	11.40	18.92	83.84	88.57
11-Nov-13 20:00:00	11-Nov-13 21:00:00	0.00	2.33	0.00	0.00	6.12	2.1	329.7	0.00	0.77	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	11-Nov-13 20:00:00	0.23	11.12	18.92	83.84	88.70
11-Nov-13 21:00:00	11-Nov-13 22:00:00	0.00	4.60	0.00	0.00	6.44	2.1	329.7	0.00	1.52	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	11-Nov-13 21:00:00	0.23	11.87	18.92	83.84	88.80
11-Nov-13 22:00:00	11-Nov-13 23:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	11-Nov-13 22:00:00	0.23	10.35	18.92	83.84	88.81
11-Nov-13 23:00:00	12-Nov-13 00:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	11-Nov-13 23:00:00	0.23	10.35	18.92	83.84	88.84
12-Nov-13 00:00:00	12-Nov-13 01:00:00	0.00	4.35	0.00	0.00	6.65	2.1	329.7	0.00	1.43	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	12-Nov-13 00:00:00	0.23	11.78	18.92	83.84	88.87
12-Nov-13 01:00:00	12-Nov-13 02:00:00	0.00	4.61	0.00	0.00	6.75	2.1	329.7	0.00	1.52	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	12-Nov-13 01:00:00	0.23	11.87	18.92	83.84	88.91
12-Nov-13 02:00:00	12-Nov-13 03:00:00	0.00	3.45	0.00	0.00	6.79	2.1	329.7	0.00	1.14	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	12-Nov-13 02:00:00	0.23	11.49	18.92	83.84	88.92
12-Nov-13 03:00:00	12-Nov-13 04:00:00	0.00	1.58	0.00	0.00	6.80	2.1	329.7	0.00	0.52	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	12-Nov-13 03:00:00	0.23	10.87	18.92	83.84	88.92
12-Nov-13 04:00:00	12-Nov-13 05:00:00	0.00	0.87	0.00	0.00	6.82	2.1	329.7	0.00	0.29	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	12-Nov-13 04:00:00	0.23	10.64	18.92	83.84	88.93
12-Nov-13 05:00:00	12-Nov-13 06:00:00	0.00	0.51	0.00	0.00	6.86	2.1	329.7	0.00	0.17	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	12-Nov-13 05:00:00	0.23	10.52	18.92	83.84	88.94
12-Nov-13 06:00:00	12-Nov-13 07:00:00	0.00	0.29	0.00	0.00	6.82	2.1	329.7	0.00	0.10	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	12-Nov-13 06:00:00	0.23	10.45	18.92	83.84	88.93
12-Nov-13 07:00:00	12-Nov-13 08:00:00	0.00	2.07	0.00	0.00	6.67	2.1	329.7	0.00	0.68	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	12-Nov-13 07:00:00	0.23	11.03	18.92	83.84	88.88
12-Nov-13 08:00:00	12-Nov-13 09:00:00	0.00	1.07	0.00	0.00	6.51	2.1	329.7	0.00	0.35	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	12-Nov-13 08:00:00	0.23	10.70	18.92	83.84	88.83
12-Nov-13 09:00:00	12-Nov-13 10:00:00	0.00	0.36	0.00	0.00	6.35	2.1	329.7	0.00	0.12	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	12-Nov-13 09:00:00	0.23	10.47	18.92	83.84	88.77
12-Nov-13 10:00:00	12-Nov-13 11:00:00	0.00	1.36	0.00	0.00	6.00	2.1	329.7	0.00	0.45	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Nov-13 10:00:00	0.23	10.80	18.92	83.84	88.80
12-Nov-13 11:00:00	12-Nov-13 12:00:00	0.00	5.33	0.00	0.00	5.55	2.1	329.7	0.00	1.76	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	12-Nov-13 11:00:00	0.23	12.11	18.92	83.84	88.51
12-Nov-13 12:00:00	12-Nov-13 13:00:00	0.00	5.57	0.00	0.00	5.09	2.1	329.7	0.00	1.84	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	12-Nov-13 12:00:00	0.23	12.19	18.92	83.84	88.36
12-Nov-13 13:00:00	12-Nov-13 14:00:00	0.00	2.57	0.00	0.00	4.66	2.1	329.7	0.00	0.85	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	12-Nov-13 13:00:00	0.23	11.20	18.92	83.84	88.22
12-Nov-13 14:00:00	12-Nov-13 15:00:00	0.00	0.00	0.00	0.00	4.76	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	12-Nov-13 14:00:00	0.23	10.35	18.92	83.84	88.25
12-Nov-13 15:00:00	12-Nov-13 16:00:00	0.00	0.17	0.00	0.00	5.08	2.1	329.7	0.00	0.05	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	12-Nov-13 15:00:00	0.23	10.40	18.92	83.84	88.36
12-Nov-13 16:00:00	12-Nov-13 17:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	12-Nov-13 16:00:00	0.23	10.35	18.92	83.84	88.46
12-Nov-13 17:00:00	12-Nov-13 18:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	12-Nov-13 17:00:00	0.23	10.35	18.92	83.84	88.57
12-Nov-13 18:00:00	12-Nov-13 19:00:00	0.00	5.13	0.00	0.00	6.20	2.1	329.7	0.00	1.69	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	12-Nov-13 18:00:00	0.23	12.04	18.92	83.84	88.73
12-Nov-13 19:00:00	12-Nov-13 20:00:00	0.00	2.15	0.00	0.00	6.72	2.1	329.7	0.00	0.71	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	12-Nov-13 19:00:00	0.23	11.06	18.92	83.84	88.90
12-Nov-13 20:00:00	12-Nov-13 21:00:00	0.00	14.52	0.00	0.00	7.24	2.1	329.7	0.00	4.79	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	12-Nov-13 20:00:00	0.23	15.14	18.92	83.84	89.07
12-Nov-13 21:00:00	12-Nov-13 22:00:00	0.00	20.80	0.00	0.00	7.75	2.1	329.7	0.00	6.86	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	12-Nov-13 21:00:00	0.23	17.21	18.92	83.84	89.24
12-Nov-13 22:00:00	12-Nov-13 23:00:00	0.00	19.96	0.00	0.00	7.94	2.1	329.7	0.00	6.58	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	12-Nov-13 22:00:00	0.23	16.83	18.92	83.84	89.27
12-Nov-13 23:00:00	13-Nov-13 00:00:00	0.00	17.93	0.00	0.00	7.72	2.1	329.7	0.00	5.91	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	12-Nov-13 23:00:00	0.23	16.26	18.92	83.84	89.22
13-Nov-1																								

14-Nov-13 22:00:00	14-Nov-13 23:00:00	0.00	4.07	0.00	0.00	6.35	2.1	329.7	0.00	1.34	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	14-Nov-13 22:00:00	0.23	11.69	18.92	83.84	88.77
14-Nov-13 23:00:00	15-Nov-13 00:00:00	0.00	8.36	0.00	0.00	6.64	2.1	329.7	0.00	2.75	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	14-Nov-13 23:00:00	0.23	13.10	18.92	83.84	88.87
15-Nov-13 00:00:00	15-Nov-13 01:00:00	0.00	6.90	0.00	0.00	6.83	2.1	329.7	0.00	2.28	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	15-Nov-13 00:00:00	0.23	12.63	18.92	83.84	88.93
15-Nov-13 01:00:00	15-Nov-13 02:00:00	0.00	1.66	0.00	0.00	6.93	2.1	329.7	0.00	0.55	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	15-Nov-13 01:00:00	0.23	10.90	18.92	83.84	88.96
15-Nov-13 02:00:00	15-Nov-13 03:00:00	0.00	0.87	0.00	0.00	7.03	2.1	329.7	0.00	0.29	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	15-Nov-13 02:00:00	0.23	10.64	18.92	83.84	89.00
15-Nov-13 03:00:00	15-Nov-13 04:00:00	0.00	0.54	0.00	0.00	7.12	2.1	329.7	0.00	0.18	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	15-Nov-13 03:00:00	0.23	10.53	18.92	83.84	89.03
15-Nov-13 04:00:00	15-Nov-13 05:00:00	0.00	0.22	0.00	0.00	7.23	2.1	329.7	0.00	0.07	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	15-Nov-13 04:00:00	0.23	10.42	18.92	83.84	89.07
15-Nov-13 05:00:00	15-Nov-13 06:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	15-Nov-13 05:00:00	0.23	10.35	18.92	83.84	89.02
15-Nov-13 06:00:00	15-Nov-13 07:00:00	0.00	0.23	0.00	0.00	6.98	2.1	329.7	0.00	0.08	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	15-Nov-13 06:00:00	0.23	10.43	18.92	83.84	89.98
15-Nov-13 07:00:00	15-Nov-13 08:00:00	0.00	0.20	0.00	0.00	6.85	2.1	329.7	0.00	0.07	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	15-Nov-13 07:00:00	0.23	10.42	18.92	83.84	89.94
15-Nov-13 08:00:00	15-Nov-13 09:00:00	0.00	0.35	0.00	0.00	6.58	2.1	329.7	0.00	0.12	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	15-Nov-13 08:00:00	0.23	10.47	18.92	83.84	88.85
15-Nov-13 09:00:00	15-Nov-13 10:00:00	0.00	2.23	0.00	0.00	6.16	2.1	329.7	0.00	0.74	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	15-Nov-13 09:00:00	0.23	11.09	18.92	83.84	88.71
15-Nov-13 10:00:00	15-Nov-13 11:00:00	0.00	3.79	0.00	0.00	5.73	2.1	329.7	0.00	1.25	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	15-Nov-13 10:00:00	0.23	11.60	18.92	83.84	88.57
15-Nov-13 11:00:00	15-Nov-13 12:00:00	0.00	0.39	0.00	0.00	5.30	2.1	329.7	0.00	0.13	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	15-Nov-13 11:00:00	0.23	11.48	18.92	83.84	88.43
15-Nov-13 12:00:00	15-Nov-13 13:00:00	0.00	9.26	0.00	0.00	5.08	2.1	329.7	0.00	3.05	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	15-Nov-13 12:00:00	0.23	13.40	18.92	83.84	88.36
15-Nov-13 13:00:00	15-Nov-13 14:00:00	0.00	11.75	0.00	0.00	4.94	2.1	329.7	0.00	3.88	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	15-Nov-13 13:00:00	0.23	14.23	18.92	83.84	88.31
15-Nov-13 14:00:00	15-Nov-13 15:00:00	0.00	7.32	0.00	0.00	4.79	2.1	329.7	0.00	2.41	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	15-Nov-13 14:00:00	0.23	12.76	18.92	83.84	88.26
15-Nov-13 15:00:00	15-Nov-13 16:00:00	0.00	3.18	0.00	0.00	4.65	2.1	329.7	0.00	1.05	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	15-Nov-13 15:00:00	0.23	11.40	18.92	83.84	88.21
15-Nov-13 16:00:00	15-Nov-13 17:00:00	0.00	1.92	0.00	0.00	4.58	2.1	329.7	0.00	0.63	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	15-Nov-13 16:00:00	0.23	10.98	18.92	83.84	88.19
15-Nov-13 17:00:00	15-Nov-13 18:00:00	0.00	1.39	0.00	0.00	4.72	2.1	329.7	0.00	0.46	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	15-Nov-13 17:00:00	0.23	10.81	18.92	83.84	88.24
15-Nov-13 18:00:00	15-Nov-13 19:00:00	0.00	0.84	0.00	0.00	4.87	2.1	329.7	0.00	0.28	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	15-Nov-13 18:00:00	0.23	10.63	18.92	83.84	88.28
15-Nov-13 19:00:00	15-Nov-13 20:00:00	0.00	0.29	0.00	0.00	5.01	2.1	329.7	0.00	0.09	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	15-Nov-13 19:00:00	0.23	10.44	18.92	83.84	88.33
15-Nov-13 20:00:00	15-Nov-13 21:00:00	0.00	0.00	0.00	0.00	5.10	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	15-Nov-13 20:00:00	0.23	10.35	18.92	83.84	88.36
15-Nov-13 21:00:00	15-Nov-13 22:00:00	0.00	0.00	0.00	0.00	5.14	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	15-Nov-13 21:00:00	0.23	10.35	18.92	83.84	88.37
15-Nov-13 22:00:00	15-Nov-13 23:00:00	0.00	0.00	0.00	0.00	5.18	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Nov-13 22:00:00	0.23	10.35	18.92	83.84	88.39
15-Nov-13 23:00:00	16-Nov-13 00:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	15-Nov-13 23:00:00	0.23	10.35	18.92	83.84	88.40
16-Nov-13 00:00:00	16-Nov-13 01:00:00	0.00	0.00	0.00	0.00	5.20	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	16-Nov-13 00:00:00	0.23	10.35	18.92	83.84	88.39
16-Nov-13 01:00:00	16-Nov-13 02:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	16-Nov-13 01:00:00	0.23	10.35	18.92	83.84	88.43
16-Nov-13 02:00:00	16-Nov-13 03:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	16-Nov-13 02:00:00	0.23	10.35	18.92	83.84	88.48
16-Nov-13 03:00:00	16-Nov-13 04:00:00	0.00	0.00	0.00	0.00	5.58	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	16-Nov-13 03:00:00	0.23	10.35	18.92	83.84	88.52
16-Nov-13 04:00:00	16-Nov-13 05:00:00	0.00	0.13	0.00	0.00	5.62	2.1	329.7	0.00	0.04	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	16-Nov-13 04:00:00	0.23	10.39	18.92	83.84	88.53
16-Nov-13 05:00:00	16-Nov-13 06:00:00	0.00	0.20	0.00	0.00	5.69	2.1	329.7	0.00	0.08	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	16-Nov-13 05:00:00	0.23	10.39	18.92	83.84	88.54
16-Nov-13 06:00:00	16-Nov-13 07:00:00	0.00	0.56	0.00	0.00	5.63	2.1	329.7	0.00	0.18	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	16-Nov-13 06:00:00	0.23	10.53	18.92	83.84	88.54
16-Nov-13 07:00:00	16-Nov-13 08:00:00	0.00	0.39	0.00	0.00	5.64	2.1	329.7	0.00	0.13	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	16-Nov-13 07:00:00	0.23	10.48	18.92	83.84	88.54
16-Nov-13 08:00:00	16-Nov-13 09:00:00	0.00	0.22	0.00	0.00	5.56	2.1	329.7	0.00	0.07	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	16-Nov-13 08:00:00	0.23	10.42	18.92	83.84	88.51
16-Nov-13 09:00:00	16-Nov-13 10:00:00	0.00	0.05	0.00	0.00	5.35	2.1	329.7	0.00	0.02	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	16-Nov-13 09:00:00	0.23	10.37	18.92	83.84	88.44
16-Nov-13 10:00:00	16-Nov-13 11:00:00	0.00	0.00	0.00	0.00	5.14	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	16-Nov-13 10:00:00	0.23	10.35	18.92	83.84	88.37
16-Nov-13 11:00:00	16-Nov-13 12:00:00	0.00	0.00	0.00	0.00	4.92	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	16-Nov-13 11:00:00	0.23	10.35	18.92	83.84	88.30
16-Nov-13 12:00:00	16-Nov-13 13:00:00	0.00	0.00	0.00	0.00	4.78	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	16-Nov-13 12:00:00	0.23	10.35	18.92	83.84	88.26
16-Nov-13 13:00:00	16-Nov-13 14:00:00	0.00	0.00	0.00	0.00	4.71	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	16-Nov-13 13:00:00	0.23	10.35	18.92	83.84	88.23
16-Nov-13 14:00:00	16-Nov-13 15:00:00	0.00	0.00	0.00	0.00	4.63	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	16-Nov-13 14:00:00	0.23	10.35	18.92	83.84	88.21

18-Nov-13 17:00:00	18-Nov-13 18:00:00	0.00	0.56	0.00	0.00	4.55	2.1	329.7	0.00	0.18	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	18-Nov-13 17:00:00	0.23	10.53	18.92	83.84	88.18
18-Nov-13 18:00:00	18-Nov-13 19:00:00	0.00	0.29	0.00	0.00	4.57	2.1	329.7	0.00	0.10	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	18-Nov-13 18:00:00	0.23	10.45	18.92	83.84	88.19
18-Nov-13 19:00:00	18-Nov-13 20:00:00	0.00	0.35	0.00	0.00	4.59	2.1	329.7	0.00	0.11	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	18-Nov-13 19:00:00	0.23	10.46	18.92	83.84	88.19
18-Nov-13 20:00:00	18-Nov-13 21:00:00	0.00	0.31	0.00	0.00	4.66	2.1	329.7	0.00	3.07	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	18-Nov-13 20:00:00	0.23	13.42	18.92	83.84	88.22
18-Nov-13 21:00:00	18-Nov-13 22:00:00	0.00	16.34	0.00	0.00	4.93	2.1	329.7	0.00	5.39	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	18-Nov-13 21:00:00	0.23	15.74	18.92	83.84	88.30
18-Nov-13 22:00:00	18-Nov-13 23:00:00	0.00	15.76	0.00	0.00	5.20	2.1	329.7	0.00	5.20	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	18-Nov-13 22:00:00	0.23	15.55	18.92	83.84	88.39
18-Nov-13 23:00:00	19-Nov-13 00:00:00	0.00	11.79	0.00	0.00	6.43	2.1	329.7	0.00	3.89	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	18-Nov-13 23:00:00	0.23	14.24	18.92	83.84	88.49
19-Nov-13 00:00:00	19-Nov-13 01:00:00	0.00	20.96	0.00	0.00	5.73	2.1	329.7	0.00	6.91	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	19-Nov-13 00:00:00	0.23	17.26	18.92	83.84	88.57
19-Nov-13 01:00:00	19-Nov-13 02:00:00	0.00	3.51	0.00	0.00	6.00	2.1	329.7	0.00	1.16	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	19-Nov-13 01:00:00	0.23	11.51	18.92	83.84	88.66
19-Nov-13 02:00:00	19-Nov-13 03:00:00	0.00	25.08	0.00	0.00	6.26	2.1	329.7	0.00	8.27	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	19-Nov-13 02:00:00	0.23	18.62	18.92	83.84	88.74
19-Nov-13 03:00:00	19-Nov-13 04:00:00	0.00	16.70	0.00	0.00	6.53	2.1	329.7	0.00	5.51	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	19-Nov-13 03:00:00	0.23	15.86	18.92	83.84	88.83
19-Nov-13 04:00:00	19-Nov-13 05:00:00	0.00	12.72	0.00	0.00	6.76	2.1	329.7	0.00	4.19	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	19-Nov-13 04:00:00	0.23	14.54	18.92	83.84	88.91
19-Nov-13 05:00:00	19-Nov-13 06:00:00	0.00	20.33	0.00	0.00	6.86	2.1	329.7	0.00	6.70	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	19-Nov-13 05:00:00	0.23	17.05	18.92	83.84	88.94
19-Nov-13 06:00:00	19-Nov-13 07:00:00	0.00	1.66	0.00	0.00	6.95	2.1	329.7	0.00	0.55	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	19-Nov-13 06:00:00	0.23	10.90	18.92	83.84	88.97
19-Nov-13 07:00:00	19-Nov-13 08:00:00	0.00	16.20	0.00	0.00	7.04	2.1	329.7	0.00	5.34	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	19-Nov-13 07:00:00	0.23	15.69	18.92	83.84	89.00
19-Nov-13 08:00:00	19-Nov-13 09:00:00	0.00	29.00	0.00	0.00	7.09	2.1	329.7	0.00	9.56	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	19-Nov-13 08:00:00	0.23	19.91	18.92	83.84	89.02
19-Nov-13 09:00:00	19-Nov-13 10:00:00	0.00	29.60	0.00	0.00	6.87	2.1	329.7	0.00	9.76	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	19-Nov-13 09:00:00	0.23	20.11	18.92	83.84	88.95
19-Nov-13 10:00:00	19-Nov-13 11:00:00	0.00	27.40	0.00	0.00	6.63	2.1	329.7	0.00	9.03	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Nov-13 10:00:00	0.23	19.38	18.92	83.84	88.87
19-Nov-13 11:00:00	19-Nov-13 12:00:00	0.00	24.37	0.00	0.00	6.38	2.1	329.7	0.00	8.03	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	19-Nov-13 11:00:00	0.23	18.38	18.92	83.84	88.78
19-Nov-13 12:00:00	19-Nov-13 13:00:00	0.00	8.28	0.00	0.00	6.17	2.1	329.7	0.00	2.73	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	19-Nov-13 12:00:00	0.23	13.08	18.92	83.84	88.72
19-Nov-13 13:00:00	19-Nov-13 14:00:00	0.00	15.07	0.00	0.00	6.03	2.1	329.7	0.00	4.97	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	19-Nov-13 13:00:00	0.23	15.32	18.92	83.84	88.67
19-Nov-13 14:00:00	19-Nov-13 15:00:00	0.00	19.08	0.00	0.00	5.89	2.1	329.7	0.00	6.29	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	19-Nov-13 14:00:00	0.23	16.64	18.92	83.84	88.62
19-Nov-13 15:00:00	19-Nov-13 16:00:00	0.00	29.44	0.00	0.00	5.75	2.1	329.7	0.00	9.71	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	19-Nov-13 15:00:00	0.23	20.06	18.92	83.84	88.58
19-Nov-13 16:00:00	19-Nov-13 17:00:00	0.00	20.43	0.00	0.00	5.70	2.1	329.7	0.00	7.04	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	19-Nov-13 16:00:00	0.23	17.09	18.92	83.84	88.56
19-Nov-13 17:00:00	19-Nov-13 18:00:00	0.00	21.44	0.00	0.00	5.83	2.1	329.7	0.00	6.07	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	19-Nov-13 17:00:00	0.23	17.42	18.92	83.84	88.60
19-Nov-13 18:00:00	19-Nov-13 19:00:00	0.00	20.96	0.00	0.00	5.97	2.1	329.7	0.00	6.91	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	19-Nov-13 18:00:00	0.23	17.26	18.92	83.84	88.65
19-Nov-13 19:00:00	19-Nov-13 20:00:00	0.00	17.20	0.00	0.00	6.12	2.1	329.7	0.00	5.67	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	19-Nov-13 19:00:00	0.23	16.02	18.92	83.84	88.70
19-Nov-13 20:00:00	19-Nov-13 21:00:00	0.00	10.29	0.00	0.00	6.27	2.1	329.7	0.00	3.39	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	19-Nov-13 20:00:00	0.23	13.74	18.92	83.84	88.75
19-Nov-13 21:00:00	19-Nov-13 22:00:00	0.00	13.56	0.00	0.00	6.42	2.1	329.7	0.00	4.47	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	19-Nov-13 21:00:00	0.23	14.82	18.92	83.84	88.80
19-Nov-13 22:00:00	19-Nov-13 23:00:00	0.00	7.21	0.00	0.00	6.57	2.1	329.7	0.00	2.38	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	19-Nov-13 22:00:00	0.23	12.73	18.92	83.84	88.85
19-Nov-13 23:00:00	20-Nov-13 00:00:00	0.00	1.03	0.00	0.00	6.72	2.1	329.7	0.00	0.34	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	19-Nov-13 23:00:00	0.23	10.69	18.92	83.84	88.89
20-Nov-13 00:00:00	20-Nov-13 01:00:00	0.00	3.79	0.00	0.00	6.83	2.1	329.7	0.00	1.25	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	20-Nov-13 00:00:00	0.23	11.68	18.92	83.84	88.94
20-Nov-13 01:00:00	20-Nov-13 02:00:00	0.00	3.90	0.00	0.00	6.91	2.1	329.7	0.00	1.39	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	20-Nov-13 01:00:00	0.23	11.64	18.92	83.84	88.96
20-Nov-13 02:00:00	20-Nov-13 03:00:00	0.00	5.59	0.00	0.00	6.99	2.1	329.7	0.00	1.84	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	20-Nov-13 02:00:00	0.23	12.19	18.92	83.84	88.98
20-Nov-13 03:00:00	20-Nov-13 04:00:00	0.00	2.28	0.00	0.00	7.07	2.1	329.7	0.00	0.75	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	20-Nov-13 03:00:00	0.23	11.10	18.92	83.84	89.01
20-Nov-13 04:00:00	20-Nov-13 05:00:00	0.00	1.91	0.00	0.00	7.02	2.1	329.7	0.00	0.63	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	20-Nov-13 04:00:00	0.23	10.98	18.92	83.84	88.99
20-Nov-13 05:00:00	20-Nov-13 06:00:00	0.00	2.58	0.00	0.00	7.07	2.1	329.7	0.00	0.85	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	20-Nov-13 05:00:00	0.23	11.20	18.92	83.84	89.01
20-Nov-13 06:00:00	20-Nov-13 07:00:00	0.00	2.34	0.00	0.00	7.17	2.1	329.7	0.00	0.77	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	20-Nov-13 06:00:00	0.23	11.12	18.92	83.84	89.04
20-Nov-13 07:00:00	20-Nov-13 08:00:00	0.00	5.49	0.00	0.00	7.27	2.1	329.7	0.00	1.81	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	20-Nov-13 07:00:00	0.23	12.16	18.92	83.84	89.08
20-Nov-13 08:00:00	20-Nov-13 09:00:00	0.00	2.41	0.00	0.00	7.26	2.1	329.7	0.00	0.80	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	20-Nov-13 08:00:00	0.23	11.15	18.92	83.84	89.07
20-Nov-13 09:00:00	20-Nov-13 10:00:00	0.00	3.22	0.00	0.00	6.99	2.1	329.7	0.00	1.06	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	20-Nov-13 09:00:00	0.23	11.41	18.92		

22-Nov-13 12:00:00	22-Nov-13 13:00:00	0.00	18.73	0.00	0.00	4.82	2.1	329.7	0.00	6.17	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	22-Nov-13 12:00:00	0.23	16.52	18.92	83.84	88.27
22-Nov-13 13:00:00	22-Nov-13 14:00:00	0.00	31.21	0.00	0.00	4.87	2.1	329.7	0.00	10.29	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	22-Nov-13 13:00:00	0.23	20.64	18.92	83.84	88.29
22-Nov-13 14:00:00	22-Nov-13 15:00:00	0.00	19.99	0.00	0.00	4.95	2.1	329.7	0.00	6.59	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	22-Nov-13 14:00:00	0.23	16.94	18.92	83.84	88.31
22-Nov-13 15:00:00	22-Nov-13 16:00:00	0.00	12.03	0.00	0.00	5.03	2.1	329.7	0.00	3.97	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	22-Nov-13 15:00:00	0.23	14.32	18.92	83.84	88.34
22-Nov-13 16:00:00	22-Nov-13 17:00:00	0.00	6.33	0.00	0.00	5.10	2.1	329.7	0.00	2.09	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	22-Nov-13 16:00:00	0.23	12.44	18.92	83.84	88.36
22-Nov-13 17:00:00	22-Nov-13 18:00:00	0.00	4.79	0.00	0.00	5.13	2.1	329.7	0.00	1.58	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	22-Nov-13 17:00:00	0.23	11.93	18.92	83.84	88.37
22-Nov-13 18:00:00	22-Nov-13 19:00:00	0.00	3.61	0.00	0.00	5.19	2.1	329.7	0.00	1.19	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	22-Nov-13 18:00:00	0.23	11.54	18.92	83.84	88.38
22-Nov-13 19:00:00	22-Nov-13 20:00:00	0.00	6.47	0.00	0.00	5.18	2.1	329.7	0.00	2.13	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	22-Nov-13 19:00:00	0.23	12.48	18.92	83.84	88.39
22-Nov-13 20:00:00	22-Nov-13 21:00:00	0.00	4.41	0.00	0.00	5.21	2.1	329.7	0.00	1.45	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	22-Nov-13 20:00:00	0.23	11.80	18.92	83.84	88.40
22-Nov-13 21:00:00	22-Nov-13 22:00:00	0.00	5.90	0.00	0.00	5.32	2.1	329.7	0.00	1.94	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	22-Nov-13 21:00:00	0.23	12.29	18.92	83.84	88.44
22-Nov-13 22:00:00	22-Nov-13 23:00:00	0.00	5.69	0.00	0.00	5.45	2.1	329.7	0.00	1.88	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	22-Nov-13 22:00:00	0.23	12.23	18.92	83.84	88.48
22-Nov-13 23:00:00	23-Nov-13 00:00:00	0.00	4.30	0.00	0.00	5.57	2.1	329.7	0.00	1.42	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	22-Nov-13 23:00:00	0.23	11.77	18.92	83.84	88.52
23-Nov-13 00:00:00	23-Nov-13 01:00:00	0.00	5.39	0.00	0.00	5.65	2.1	329.7	0.00	1.78	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	23-Nov-13 00:00:00	0.23	12.13	18.92	83.84	88.54
23-Nov-13 01:00:00	23-Nov-13 02:00:00	0.00	5.58	0.00	0.00	5.65	2.1	329.7	0.00	1.84	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	23-Nov-13 01:00:00	0.23	12.19	18.92	83.84	88.54
23-Nov-13 02:00:00	23-Nov-13 03:00:00	0.00	4.10	0.00	0.00	5.65	2.1	329.7	0.00	1.35	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	23-Nov-13 02:00:00	0.23	11.70	18.92	83.84	88.54
23-Nov-13 03:00:00	23-Nov-13 04:00:00	0.00	5.00	0.00	0.00	5.65	2.1	329.7	0.00	1.65	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	23-Nov-13 03:00:00	0.23	12.00	18.92	83.84	88.54
23-Nov-13 04:00:00	23-Nov-13 05:00:00	0.00	4.32	0.00	0.00	5.63	2.1	329.7	0.00	1.42	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	23-Nov-13 04:00:00	0.23	11.77	18.92	83.84	88.54
23-Nov-13 05:00:00	23-Nov-13 06:00:00	0.00	2.08	0.00	0.00	5.53	2.1	329.7	0.00	0.68	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	23-Nov-13 05:00:00	0.23	11.03	18.92	83.84	88.50
23-Nov-13 06:00:00	23-Nov-13 07:00:00	0.00	1.36	0.00	0.00	5.43	2.1	329.7	0.00	0.45	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	23-Nov-13 06:00:00	0.23	10.80	18.92	83.84	88.47
23-Nov-13 07:00:00	23-Nov-13 08:00:00	0.00	0.65	0.00	0.00	5.33	2.1	329.7	0.00	0.22	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	23-Nov-13 07:00:00	0.23	10.57	18.92	83.84	88.44
23-Nov-13 08:00:00	23-Nov-13 09:00:00	0.00	0.06	0.00	0.00	5.19	2.1	329.7	0.00	0.02	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	23-Nov-13 08:00:00	0.23	10.37	18.92	83.84	88.39
23-Nov-13 09:00:00	23-Nov-13 10:00:00	0.00	0.00	0.00	0.00	5.13	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	23-Nov-13 09:00:00	0.23	10.35	18.92	83.84	88.37
23-Nov-13 10:00:00	23-Nov-13 11:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	23-Nov-13 10:00:00	0.23	10.35	18.92	83.84	88.37
23-Nov-13 11:00:00	23-Nov-13 12:00:00	0.00	0.00	0.00	0.00	5.10	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	23-Nov-13 11:00:00	0.23	10.35	18.92	83.84	88.36
23-Nov-13 12:00:00	23-Nov-13 13:00:00	0.00	0.00	0.00	0.00	5.06	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	23-Nov-13 12:00:00	0.23	10.35	18.92	83.84	88.35
23-Nov-13 13:00:00	23-Nov-13 14:00:00	0.00	0.00	0.00	0.00	4.94	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	23-Nov-13 13:00:00	0.23	10.35	18.92	83.84	88.31
23-Nov-13 14:00:00	23-Nov-13 15:00:00	0.00	0.00	0.00	0.00	4.80	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	23-Nov-13 14:00:00	0.23	10.35	18.92	83.84	88.26
23-Nov-13 15:00:00	23-Nov-13 16:00:00	0.00	0.00	0.00	0.00	4.67	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	23-Nov-13 15:00:00	0.23	10.35	18.92	83.84	88.22
23-Nov-13 16:00:00	23-Nov-13 17:00:00	0.00	0.00	0.00	0.00	4.65	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	23-Nov-13 16:00:00	0.23	10.35	18.92	83.84	88.21
23-Nov-13 17:00:00	23-Nov-13 18:00:00	0.00	0.00	0.00	0.00	4.88	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	23-Nov-13 17:00:00	0.23	10.35	18.92	83.84	88.29
23-Nov-13 18:00:00	23-Nov-13 19:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	23-Nov-13 18:00:00	0.23	10.35	18.92	83.84	88.36
23-Nov-13 19:00:00	23-Nov-13 20:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	23-Nov-13 19:00:00	0.23	10.35	18.92	83.84	88.44
23-Nov-13 20:00:00	23-Nov-13 21:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	23-Nov-13 20:00:00	0.23	10.35	18.92	83.84	88.48
23-Nov-13 21:00:00	23-Nov-13 22:00:00	0.00	13.21	0.00	0.00	5.49	2.1	329.7	0.00	4.36	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	23-Nov-13 21:00:00	0.23	14.71	18.92	83.84	88.49
23-Nov-13 22:00:00	23-Nov-13 23:00:00	0.00	2.72	0.00	0.00	5.58	2.1	329.7	0.00	0.90	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	23-Nov-13 22:00:00	0.23	11.25	18.92	83.84	88.52
23-Nov-13 23:00:00	24-Nov-13 00:00:00	0.00	6.43	0.00	0.00	5.67	2.1	329.7	0.00	2.12	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	23-Nov-13 23:00:00	0.23	12.47	18.92	83.84	88.55
24-Nov-13 00:00:00	24-Nov-13 01:00:00	0.00	32.91	0.00	0.00	5.85	2.1	329.7	0.00	10.85	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	24-Nov-13 00:00:00	0.23	21.20	18.92	83.84	88.61
24-Nov-13 01:00:00	24-Nov-13 02:00:00	0.00	18.08	0.00	0.00	6.11	2.1	329.7	0.00	5.96	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	24-Nov-13 01:00:00	0.23	16.31	18.92	83.84	88.70
24-Nov-13 02:00:00	24-Nov-13 03:00:00	0.00	12.86	0.00	0.00	6.34	2.1	329.7	0.00	4.24	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	24-Nov-13 02:00:00	0.23	14.59	18.92	83.84	88.77
24-Nov-13 03:00:00	24-Nov-13 04:00:00	0.00	6.59	0.00	0.00	6.57	2.1	329.7	0.00	2.17	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	24-Nov-13 03:00:00	0.23	12.52	18.92	83.84	88.85
24-Nov-13 04:00:00	24-Nov-13 05:00:00	0.00	6.61	0.00	0.00	6.80	2.1	329.7	0.00	2.18	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	24-Nov-13 04:00:00	0.23	12.53	18.92	83.84	8

26-Nov-13 07:00:00	26-Nov-13 08:00:00	0.00	5.24	0.00	0.00	7.19	2.1	329.7	0.00	1.73	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	26-Nov-13 07:00:00	0.23	12.08	18.92	83.84	89.05
26-Nov-13 08:00:00	26-Nov-13 09:00:00	0.00	2.24	0.00	0.00	7.30	2.1	329.7	0.00	0.74	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	26-Nov-13 08:00:00	0.23	11.09	18.92	83.84	89.09
26-Nov-13 09:00:00	26-Nov-13 10:00:00	0.00	1.56	0.00	0.00	7.21	2.1	329.7	0.00	0.51	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	26-Nov-13 09:00:00	0.23	10.86	18.92	83.84	89.06
26-Nov-13 10:00:00	26-Nov-13 11:00:00	0.00	0.88	0.00	0.00	7.06	2.1	329.7	0.00	0.29	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	26-Nov-13 10:00:00	0.23	10.64	18.92	83.84	89.01
26-Nov-13 11:00:00	26-Nov-13 12:00:00	0.00	0.24	0.00	0.00	6.92	2.1	329.7	0.00	0.08	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	26-Nov-13 11:00:00	0.23	10.43	18.92	83.84	88.96
26-Nov-13 12:00:00	26-Nov-13 13:00:00	0.00	0.96	0.00	0.00	6.76	2.1	329.7	0.00	0.32	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	26-Nov-13 12:00:00	0.23	10.67	18.92	83.84	88.91
26-Nov-13 13:00:00	26-Nov-13 14:00:00	0.00	2.38	0.00	0.00	6.59	2.1	329.7	0.00	0.78	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	26-Nov-13 13:00:00	0.23	11.13	18.92	83.84	88.83
26-Nov-13 14:00:00	26-Nov-13 15:00:00	0.26	8.97	0.00	0.00	6.19	2.1	329.7	0.09	2.92	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	26-Nov-13 14:00:00	0.32	13.27	18.92	83.84	88.72
26-Nov-13 15:00:00	26-Nov-13 16:00:00	0.00	25.23	0.00	0.00	5.89	2.1	329.7	0.00	8.32	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	26-Nov-13 15:00:00	0.23	18.67	18.92	83.84	88.62
26-Nov-13 16:00:00	26-Nov-13 17:00:00	0.00	0.46	0.00	0.00	5.65	2.1	329.7	0.00	0.15	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	26-Nov-13 16:00:00	0.23	10.50	18.92	83.84	88.54
26-Nov-13 17:00:00	26-Nov-13 18:00:00	0.00	5.29	0.00	0.00	5.65	2.1	329.7	0.00	1.74	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	26-Nov-13 17:00:00	0.23	12.09	18.92	83.84	88.54
26-Nov-13 18:00:00	26-Nov-13 19:00:00	0.00	9.07	0.00	131.13	5.65	2.1	329.7	0.00	2.99	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	26-Nov-13 18:00:00	0.23	13.34	18.92	127.07	88.54
26-Nov-13 19:00:00	26-Nov-13 20:00:00	0.00	2.08	0.00	33.70	5.65	2.1	329.7	0.00	0.68	0.00	11.11	1.86	0.23	10.35	18.92	83.84	86.68	26-Nov-13 19:00:00	0.23	11.03	18.92	94.95	88.54
26-Nov-13 20:00:00	26-Nov-13 21:00:00	0.00	4.44	0.00	55.83	5.65	2.1	329.7	0.00	1.46	0.00	18.41	1.86	0.23	10.35	18.92	83.84	86.68	26-Nov-13 20:00:00	0.23	11.81	18.92	102.25	88.54
26-Nov-13 21:00:00	26-Nov-13 22:00:00	0.00	0.03	0.00	191.74	5.65	2.1	329.7	0.00	0.01	0.00	63.22	1.86	0.23	10.35	18.92	83.84	86.68	26-Nov-13 21:00:00	0.23	10.36	18.92	147.06	88.54
26-Nov-13 22:00:00	26-Nov-13 23:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	26-Nov-13 22:00:00	0.23	10.35	18.92	83.84	88.54
26-Nov-13 23:00:00	27-Nov-13 00:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	26-Nov-13 23:00:00	0.23	10.35	18.92	83.84	88.54
27-Nov-13 00:00:00	27-Nov-13 01:00:00	0.00	0.00	0.00	0.00	5.66	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	27-Nov-13 00:00:00	0.23	10.35	18.92	83.84	88.54
27-Nov-13 01:00:00	27-Nov-13 02:00:00	0.00	0.00	0.00	0.00	5.66	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	27-Nov-13 01:00:00	0.23	10.35	18.92	83.84	88.55
27-Nov-13 02:00:00	27-Nov-13 03:00:00	0.00	0.00	0.00	0.00	5.66	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	27-Nov-13 02:00:00	0.23	10.35	18.92	83.84	88.55
27-Nov-13 03:00:00	27-Nov-13 04:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	27-Nov-13 03:00:00	0.23	10.35	18.92	83.84	88.54
27-Nov-13 04:00:00	27-Nov-13 05:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	27-Nov-13 04:00:00	0.23	10.35	18.92	83.84	88.54
27-Nov-13 05:00:00	27-Nov-13 06:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	27-Nov-13 05:00:00	0.23	10.35	18.92	83.84	88.50
27-Nov-13 06:00:00	27-Nov-13 07:00:00	0.00	0.00	0.00	0.00	5.38	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	27-Nov-13 06:00:00	0.23	10.35	18.92	83.84	88.45
27-Nov-13 07:00:00	27-Nov-13 08:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	27-Nov-13 07:00:00	0.23	10.35	18.92	83.84	88.41
27-Nov-13 08:00:00	27-Nov-13 09:00:00	0.00	0.00	0.00	0.00	5.14	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	27-Nov-13 08:00:00	0.23	10.35	18.92	83.84	88.37
27-Nov-13 09:00:00	27-Nov-13 10:00:00	0.00	0.00	0.00	0.00	5.34	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	27-Nov-13 09:00:00	0.23	10.35	18.92	83.84	88.44
27-Nov-13 10:00:00	27-Nov-13 11:00:00	0.00	0.00	0.00	0.00	5.63	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	27-Nov-13 10:00:00	0.23	10.35	18.92	83.84	88.53
27-Nov-13 11:00:00	27-Nov-13 12:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	27-Nov-13 11:00:00	0.23	10.35	18.92	83.84	88.63
27-Nov-13 12:00:00	27-Nov-13 13:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Nov-13 12:00:00	0.23	10.35	18.92	83.84	88.73
27-Nov-13 13:00:00	27-Nov-13 14:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	27-Nov-13 13:00:00	0.23	10.35	18.92	83.84	88.80
27-Nov-13 14:00:00	27-Nov-13 15:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	27-Nov-13 14:00:00	0.23	10.35	18.92	83.84	88.84
27-Nov-13 15:00:00	27-Nov-13 16:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	27-Nov-13 15:00:00	0.23	10.35	18.92	83.84	88.87
27-Nov-13 16:00:00	27-Nov-13 17:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	27-Nov-13 16:00:00	0.23	10.35	18.92	83.84	88.90
27-Nov-13 17:00:00	27-Nov-13 18:00:00	0.00	0.00	0.00	0.00	6.66	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	27-Nov-13 17:00:00	0.23	10.35	18.92	83.84	88.88
27-Nov-13 18:00:00	27-Nov-13 19:00:00	0.00	0.00	0.00	0.00	6.53	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	27-Nov-13 18:00:00	0.23	10.35	18.92	83.84	88.83
27-Nov-13 19:00:00	27-Nov-13 20:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	27-Nov-13 19:00:00	0.23	10.35	18.92	83.84	88.79
27-Nov-13 20:00:00	27-Nov-13 21:00:00	0.00	3.12	0.00	0.00	6.34	2.1	329.7	0.00	1.03	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Nov-13 20:00:00	0.23	11.38	18.92	83.84	88.77
27-Nov-13 21:00:00	27-Nov-13 22:00:00	0.00	11.94	0.00	0.00	6.55	2.1	329.7	0.00	3.94	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	27-Nov-13 21:00:00	0.23	14.29	18.92	83.84	88.84
27-Nov-13 22:00:00	27-Nov-13 23:00:00	0.00	10.74	0.00	0.00	6.76	2.1	329.7	0.00	3.54	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	27-Nov-13 22:00:00	0.23	13.89	18.92	83.84	88.91
27-Nov-13 23:00:00	28-Nov-13 00:00:00	0.00	8.41	0.00	0.00	6.97	2.1	329.7	0.00	2.77	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	27-Nov-13 23:00:00	0.23	13.12	18.92	83.84	88.98
28-Nov-13 00:00:00	28-Nov-13 01:00:00	0.00	9.85	0.00	0.00	7.15	2.1	329.7	0.00	3.25	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	28-Nov-13 00:00:00	0.23	13.60	18.92	83.84	89.04
28-Nov-13 01:00:00	28-Nov-13 02:00:00	0.00	7.80	0.00	0.00	7.19	2.1	329.7	0.00	2.57	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	28-Nov-13 01:00:00	0.23	12.92	18.92	83.84	89.05
28-Nov-13 02:00:00	28-Nov-13 03:00:00	0.00	12.13	0.00	0.00	7.22	2.1	329.7	0.00	4.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	28-Nov-13 02:00:00	0.23	14.35	18.92	83.84	89.06
28-Nov-13 03:00:00	28-Nov-13 04:00:00	0.00	18.84	0.00	0.00	7.25	2.1	329.7	0.00	6.21	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	28-Nov-13 03:00:00	0.23	16.56	18.92	83.84	89.07

30-Nov-13 02:00:00	30-Nov-13 03:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	30-Nov-13 02:00:00	0.23	10.35	18.92	83.84	88.81
30-Nov-13 03:00:00	30-Nov-13 04:00:00	0.00	0.00	0.00	61.47	6.61	2.1	329.7	0.00	0.00	0.00	20.27	2.18	0.23	10.35	18.92	83.84	86.68	30-Nov-13 03:00:00	0.23	10.35	18.92	104.11	88.86
30-Nov-13 04:00:00	30-Nov-13 05:00:00	0.00	0.00	0.00	119.31	6.74	2.1	329.7	0.00	0.00	0.00	39.34	2.22	0.23	10.35	18.92	83.84	86.68	30-Nov-13 04:00:00	0.23	10.35	18.92	123.18	88.90
30-Nov-13 05:00:00	30-Nov-13 06:00:00	0.00	0.00	0.00	61.31	6.78	2.1	329.7	0.00	0.00	0.00	20.21	2.23	0.23	10.35	18.92	83.84	86.68	30-Nov-13 05:00:00	0.23	10.35	18.92	104.05	88.91
30-Nov-13 06:00:00	30-Nov-13 07:00:00	0.00	0.00	0.00	0.00	6.78	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	30-Nov-13 06:00:00	0.23	10.35	18.92	83.84	88.91
30-Nov-13 07:00:00	30-Nov-13 08:00:00	0.00	0.00	0.00	0.00	6.78	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	30-Nov-13 07:00:00	0.23	10.35	18.92	83.84	88.91
30-Nov-13 08:00:00	30-Nov-13 09:00:00	0.00	0.00	0.00	0.00	6.77	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	30-Nov-13 08:00:00	0.23	10.35	18.92	83.84	88.91
30-Nov-13 09:00:00	30-Nov-13 10:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	30-Nov-13 09:00:00	0.23	10.35	18.92	83.84	88.94
30-Nov-13 10:00:00	30-Nov-13 11:00:00	0.00	353.23	0.00	0.00	6.29	2.1	329.7	0.00	116.46	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	30-Nov-13 10:00:00	0.23	126.81	18.92	83.84	88.75
30-Nov-13 11:00:00	30-Nov-13 12:00:00	0.00	579.37	0.00	0.00	6.01	2.1	329.7	0.00	191.02	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	30-Nov-13 11:00:00	0.23	201.37	18.92	83.84	88.66
30-Nov-13 12:00:00	30-Nov-13 13:00:00	0.00	570.62	0.00	0.00	5.73	2.1	329.7	0.00	188.13	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	30-Nov-13 12:00:00	0.23	198.48	18.92	83.84	88.57
30-Nov-13 13:00:00	30-Nov-13 14:00:00	0.00	588.06	0.00	40.26	5.55	2.1	329.7	0.00	193.88	0.00	13.27	1.83	0.23	10.35	18.92	83.84	86.68	30-Nov-13 13:00:00	0.23	204.23	18.92	97.11	88.51
30-Nov-13 14:00:00	30-Nov-13 15:00:00	0.00	580.87	0.00	375.39	5.44	2.1	329.7	0.00	191.51	0.00	123.77	1.79	0.23	10.35	18.92	83.84	86.68	30-Nov-13 14:00:00	0.23	201.86	18.92	207.61	88.47
30-Nov-13 15:00:00	30-Nov-13 16:00:00	0.00	566.21	0.00	425.32	5.32	2.1	329.7	0.00	186.68	0.00	140.23	1.75	0.23	10.35	18.92	83.84	86.68	30-Nov-13 15:00:00	0.23	197.03	18.92	224.07	88.43
30-Nov-13 16:00:00	30-Nov-13 17:00:00	0.00	564.84	0.00	299.92	5.16	2.1	329.7	0.00	186.23	0.00	98.88	1.70	0.23	10.35	18.92	83.84	86.68	30-Nov-13 16:00:00	0.23	196.58	18.92	182.72	88.38
30-Nov-13 17:00:00	30-Nov-13 18:00:00	0.00	567.80	0.00	167.43	5.06	2.1	329.7	0.00	187.20	0.00	55.20	1.67	0.23	10.35	18.92	83.84	86.68	30-Nov-13 17:00:00	0.23	197.55	18.92	139.04	88.35
30-Nov-13 18:00:00	30-Nov-13 19:00:00	0.00	580.46	0.00	174.30	5.15	2.1	329.7	0.00	191.38	0.00	57.47	1.70	0.23	10.35	18.92	83.84	86.68	30-Nov-13 18:00:00	0.23	201.73	18.92	141.31	88.38
30-Nov-13 19:00:00	30-Nov-13 20:00:00	0.00	586.83	0.00	265.54	5.24	2.1	329.7	0.00	193.48	0.00	86.89	1.73	0.23	10.35	18.92	83.84	86.68	30-Nov-13 19:00:00	0.23	203.83	18.92	170.73	88.41
30-Nov-13 20:00:00	30-Nov-13 21:00:00	0.00	586.52	0.00	292.23	5.30	2.1	329.7	0.00	193.38	0.00	96.35	1.75	0.23	10.35	18.92	83.84	86.68	30-Nov-13 20:00:00	0.23	203.73	18.92	180.19	88.43
30-Nov-13 21:00:00	30-Nov-13 22:00:00	0.00	585.47	0.00	474.07	5.37	2.1	329.7	0.00	193.03	0.00	156.30	1.77	0.23	10.35	18.92	83.84	86.68	30-Nov-13 21:00:00	0.23	203.28	18.92	240.14	88.45
30-Nov-13 22:00:00	30-Nov-13 23:00:00	0.00	580.79	0.00	465.62	5.57	2.1	329.7	0.00	191.49	0.00	153.51	1.84	0.23	10.35	18.92	83.84	86.68	30-Nov-13 22:00:00	0.23	201.84	18.92	237.35	88.52
30-Nov-13 23:00:00	01-Dec-13 00:00:00	0.00	578.67	0.00	492.07	5.76	2.1	329.7	0.00	190.79	0.00	162.23	1.90	0.23	10.35	18.92	83.84	86.68	30-Nov-13 23:00:00	0.23	201.14	18.92	246.07	88.58
01-Dec-13 00:00:00	01-Dec-13 01:00:00	0.00	584.21	0.00	490.21	5.97	2.1	329.7	0.00	192.61	0.00	161.62	1.97	0.23	10.35	18.92	83.84	86.68	01-Dec-13 00:00:00	0.23	202.96	18.92	245.46	88.65
01-Dec-13 01:00:00	01-Dec-13 02:00:00	0.00	584.90	0.00	449.60	6.01	2.1	329.7	0.00	192.84	0.00	148.23	1.98	0.23	10.35	18.92	83.84	86.68	01-Dec-13 01:00:00	0.23	203.19	18.92	232.07	88.66
01-Dec-13 02:00:00	01-Dec-13 03:00:00	0.00	581.99	0.00	418.58	5.90	2.1	329.7	0.00	191.88	0.00	138.01	1.94	0.23	10.35	18.92	83.84	86.68	01-Dec-13 02:00:00	0.23	202.23	18.92	221.85	88.62
01-Dec-13 03:00:00	01-Dec-13 04:00:00	0.00	581.94	0.00	442.93	5.78	2.1	329.7	0.00	191.87	0.00	146.03	1.91	0.23	10.35	18.92	83.84	86.68	01-Dec-13 03:00:00	0.23	202.22	18.92	229.87	88.59
01-Dec-13 04:00:00	01-Dec-13 05:00:00	0.00	579.74	0.00	421.67	5.68	2.1	329.7	0.00	191.14	0.00	139.02	1.87	0.23	10.35	18.92	83.84	86.68	01-Dec-13 04:00:00	0.23	201.49	18.92	222.86	88.55
01-Dec-13 05:00:00	01-Dec-13 06:00:00	0.00	578.95	0.00	421.29	5.65	2.1	329.7	0.00	190.88	0.00	138.90	1.86	0.23	10.35	18.92	83.84	86.68	01-Dec-13 05:00:00	0.23	201.23	18.92	222.74	88.54
01-Dec-13 06:00:00	01-Dec-13 07:00:00	0.00	596.04	0.00	422.72	5.67	2.1	329.7	0.00	196.51	0.00	139.37	1.87	0.23	10.35	18.92	83.84	86.68	01-Dec-13 06:00:00	0.23	206.86	18.92	223.21	88.55
01-Dec-13 07:00:00	01-Dec-13 08:00:00	0.00	592.80	0.00	418.78	5.68	2.1	329.7	0.00	195.45	0.00	138.07	1.87	0.23	10.35	18.92	83.84	86.68	01-Dec-13 07:00:00	0.23	205.80	18.92	221.91	88.55
01-Dec-13 08:00:00	01-Dec-13 09:00:00	0.00	604.83	0.00	277.34	5.67	2.1	329.7	0.00	193.41	0.00	91.84	1.87	0.23	10.35	18.92	83.84	86.68	01-Dec-13 08:00:00	0.23	209.76	18.92	175.28	88.55
01-Dec-13 09:00:00	01-Dec-13 10:00:00	0.00	586.68	0.00	233.04	5.45	2.1	329.7	0.00	193.40	0.00	71.50	1.80	0.23	10.35	18.92	83.84	86.68	01-Dec-13 09:00:00	0.23	205.45	18.92	91.43	88.55
01-Dec-13 10:00:00	01-Dec-13 11:00:00	0.00	583.98	0.00	0.00	5.18	2.1	329.7	0.00	192.54	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	01-Dec-13 10:00:00	0.23	202.89	18.92	83.84	88.39
01-Dec-13 11:00:00	01-Dec-13 12:00:00	0.00	571.31	0.00	0.00	4.92	2.1	329.7	0.00	188.36	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	01-Dec-13 11:00:00	0.23	198.71	18.92	83.84	88.30
01-Dec-13 12:00:00	01-Dec-13 13:00:00	0.00	556.08	0.00	0.00	4.64	2.1	329.7	0.00	183.34	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	01-Dec-13 12:00:00	0.23	193.69	18.92	83.84	88.21
01-Dec-13 13:00:00	01-Dec-13 14:00:00	0.00	554.67	0.00	0.00	4.43	2.1	329.7	0.00	182.87	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	01-Dec-13 13:00:00	0.23	193.22	18.92	83.84	88.14
01-Dec-13 14:00:00	01-Dec-13 15:00:00	0.00	565.33	0.00	0.00	4.34	2.1	329.7	0.00	186.39	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	01-Dec-13 14:00:00	0.23	196.74	18.92	83.84	88.11
01-Dec-13 15:00:00	01-Dec-13 16:00:00	0.00	582.86	0.00	0.00	4.24	2.1	329.7	0.00	192.17	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	01-Dec-13 15:00:00	0.23	202.52	18.92	83.84	88.08
01-Dec-13 16:00:00	01-Dec-13 17:00:00	0.00	567.02	0.00	0.00	4.17	2.1	329.7	0.00	186.95	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	01-Dec-13 16:00:00	0.23	197.30	18.92	83.84	88.06
01-Dec-13 17:00:00	01-Dec-13 18:00:00	0.00	690.42	0.00	0.00	4.34	2.1	329.7	0.00	227.63	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	01-Dec-13 17:00:00	0.23	237.98	18.92	83.84	88.11
01-Dec-13 18:00:00	01-Dec-13																							

03-Dec-13 21:00:00	03-Dec-13 22:00:00	0.16	462.06	0.00	0.00	5.56	2.1	329.7	0.05	152.34	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	03-Dec-13 21:00:00	0.28	162.69	18.92	83.84	88.51
03-Dec-13 22:00:00	03-Dec-13 23:00:00	0.61	766.05	0.00	0.00	5.42	2.1	329.7	0.20	252.57	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	03-Dec-13 22:00:00	0.43	262.92	18.92	83.84	88.47
03-Dec-13 23:00:00	04-Dec-13 00:00:00	0.00	833.55	0.00	0.00	5.28	2.1	329.7	0.00	274.82	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	03-Dec-13 23:00:00	0.23	285.17	18.92	83.84	88.42
04-Dec-13 00:00:00	04-Dec-13 01:00:00	0.00	829.28	0.00	0.00	5.14	2.1	329.7	0.00	273.41	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	04-Dec-13 00:00:00	0.23	283.76	18.92	83.84	88.37
04-Dec-13 01:00:00	04-Dec-13 02:00:00	0.00	826.05	0.00	0.00	5.12	2.1	329.7	0.00	272.35	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	04-Dec-13 01:00:00	0.23	282.70	18.92	83.84	88.37
04-Dec-13 02:00:00	04-Dec-13 03:00:00	0.00	833.40	0.00	0.00	5.11	2.1	329.7	0.00	274.77	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	04-Dec-13 02:00:00	0.23	285.12	18.92	83.84	88.36
04-Dec-13 03:00:00	04-Dec-13 04:00:00	0.00	893.00	0.00	0.00	5.20	2.1	329.7	0.00	294.42	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	04-Dec-13 03:00:00	0.23	304.77	18.92	83.84	88.36
04-Dec-13 04:00:00	04-Dec-13 05:00:00	0.00	1,116.72	0.00	0.00	5.09	2.1	329.7	0.00	368.18	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	04-Dec-13 04:00:00	0.23	378.52	18.92	83.84	88.36
04-Dec-13 05:00:00	04-Dec-13 06:00:00	0.00	815.89	0.00	0.00	5.05	2.1	329.7	0.00	269.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	04-Dec-13 05:00:00	0.23	279.35	18.92	83.84	88.34
04-Dec-13 06:00:00	04-Dec-13 07:00:00	0.00	778.28	0.00	0.00	4.99	2.1	329.7	0.00	256.60	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	04-Dec-13 06:00:00	0.23	266.95	18.92	83.84	88.32
04-Dec-13 07:00:00	04-Dec-13 08:00:00	0.00	815.75	0.00	0.00	4.93	2.1	329.7	0.00	268.95	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	04-Dec-13 07:00:00	0.23	279.30	18.92	83.84	88.31
04-Dec-13 08:00:00	04-Dec-13 09:00:00	0.00	813.04	0.00	0.00	4.85	2.1	329.7	0.00	268.06	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	04-Dec-13 08:00:00	0.23	278.41	18.92	83.84	88.28
04-Dec-13 09:00:00	04-Dec-13 10:00:00	0.00	812.89	0.00	0.00	4.62	2.1	329.7	0.00	268.01	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	04-Dec-13 09:00:00	0.23	278.36	18.92	83.84	88.20
04-Dec-13 10:00:00	04-Dec-13 11:00:00	0.00	812.27	0.00	0.00	4.59	2.1	329.7	0.00	267.81	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	04-Dec-13 10:00:00	0.23	278.16	18.92	83.84	88.19
04-Dec-13 11:00:00	04-Dec-13 12:00:00	0.00	803.61	0.00	0.00	4.56	2.1	329.7	0.00	264.95	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	04-Dec-13 11:00:00	0.23	275.30	18.92	83.84	88.18
04-Dec-13 12:00:00	04-Dec-13 13:00:00	0.00	797.39	0.00	0.00	4.53	2.1	329.7	0.00	262.90	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	04-Dec-13 12:00:00	0.23	273.25	18.92	83.84	88.17
04-Dec-13 13:00:00	04-Dec-13 14:00:00	0.00	790.53	0.00	0.00	4.47	2.1	329.7	0.00	260.64	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	04-Dec-13 13:00:00	0.23	270.99	18.92	83.84	88.16
04-Dec-13 14:00:00	04-Dec-13 15:00:00	0.00	805.14	0.00	0.00	4.40	2.1	329.7	0.00	264.80	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	04-Dec-13 14:00:00	0.23	275.15	18.92	83.84	88.13
04-Dec-13 15:00:00	04-Dec-13 16:00:00	0.00	800.68	0.00	0.00	4.33	2.1	329.7	0.00	263.98	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	04-Dec-13 15:00:00	0.23	274.33	18.92	83.84	88.11
04-Dec-13 16:00:00	04-Dec-13 17:00:00	0.00	813.81	0.00	0.00	4.28	2.1	329.7	0.00	268.31	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	04-Dec-13 16:00:00	0.23	278.66	18.92	83.84	88.09
04-Dec-13 17:00:00	04-Dec-13 18:00:00	0.00	815.68	0.00	0.00	4.47	2.1	329.7	0.00	268.93	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	04-Dec-13 17:00:00	0.23	279.28	18.92	83.84	88.16
04-Dec-13 18:00:00	04-Dec-13 19:00:00	0.00	809.58	0.00	0.00	4.51	2.1	329.7	0.00	266.92	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	04-Dec-13 18:00:00	0.23	277.27	18.92	83.84	88.17
04-Dec-13 19:00:00	04-Dec-13 20:00:00	0.00	862.43	0.00	0.00	4.56	2.1	329.7	0.00	284.34	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	04-Dec-13 19:00:00	0.23	294.69	18.92	83.84	88.18
04-Dec-13 20:00:00	04-Dec-13 21:00:00	0.00	840.66	0.00	0.00	4.60	2.1	329.7	0.00	277.16	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	04-Dec-13 20:00:00	0.23	287.51	18.92	83.84	88.20
04-Dec-13 21:00:00	04-Dec-13 22:00:00	0.00	831.41	0.00	0.00	4.64	2.1	329.7	0.00	274.12	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	04-Dec-13 21:00:00	0.23	284.47	18.92	83.84	88.21
04-Dec-13 22:00:00	04-Dec-13 23:00:00	0.00	833.77	0.00	0.00	4.70	2.1	329.7	0.00	274.89	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	04-Dec-13 22:00:00	0.23	285.24	18.92	83.84	88.23
04-Dec-13 23:00:00	05-Dec-13 00:00:00	0.00	833.62	0.00	0.00	4.76	2.1	329.7	0.00	274.85	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	04-Dec-13 23:00:00	0.23	285.20	18.92	83.84	88.25
05-Dec-13 00:00:00	05-Dec-13 01:00:00	0.00	830.54	0.00	0.00	4.84	2.1	329.7	0.00	273.83	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	05-Dec-13 00:00:00	0.23	284.18	18.92	83.84	88.27
05-Dec-13 01:00:00	05-Dec-13 02:00:00	0.00	687.00	0.00	0.00	5.02	2.1	329.7	0.00	226.50	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	05-Dec-13 01:00:00	0.23	236.85	18.92	83.84	88.34
05-Dec-13 02:00:00	05-Dec-13 03:00:00	0.00	698.09	0.00	0.00	5.04	2.1	329.7	0.00	230.16	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	05-Dec-13 02:00:00	0.23	240.51	18.92	83.84	88.34
05-Dec-13 03:00:00	05-Dec-13 04:00:00	0.00	239.20	0.00	0.00	5.06	2.1	329.7	0.00	78.86	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	05-Dec-13 03:00:00	0.23	89.21	18.92	83.84	88.35
05-Dec-13 04:00:00	05-Dec-13 05:00:00	0.00	799.76	0.00	0.00	5.07	2.1	329.7	0.00	263.68	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	05-Dec-13 04:00:00	0.23	274.63	18.92	83.84	88.35
05-Dec-13 05:00:00	05-Dec-13 06:00:00	0.00	826.27	0.00	0.00	4.95	2.1	329.7	0.00	272.42	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	05-Dec-13 05:00:00	0.23	282.77	18.92	83.84	88.31
05-Dec-13 06:00:00	05-Dec-13 07:00:00	0.00	426.69	0.00	0.00	4.82	2.1	329.7	0.00	140.68	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	05-Dec-13 06:00:00	0.23	151.03	18.92	83.84	88.27
05-Dec-13 07:00:00	05-Dec-13 08:00:00	0.00	14.19	0.00	0.00	4.70	2.1	329.7	0.00	4.68	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	05-Dec-13 07:00:00	0.23	15.03	18.92	83.84	88.23
05-Dec-13 08:00:00	05-Dec-13 09:00:00	0.00	296.43	0.00	0.00	4.57	2.1	329.7	0.00	97.73	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	05-Dec-13 08:00:00	0.23	108.08	18.92	83.84	88.19
05-Dec-13 09:00:00	05-Dec-13 10:00:00	0.00	12.41	0.00	0.00	4.55	2.1	329.7	0.00	4.09	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	05-Dec-13 09:00:00	0.23	14.44	18.92	83.84	88.18
05-Dec-13 10:00:00	05-Dec-13 11:00:00	0.00	17.23	0.00	0.00	4.55	2.1	329.7	0.00	5.68	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	05-Dec-13 10:00:00	0.23	16.03	18.92	83.84	88.18
05-Dec-13 11:00:00	05-Dec-13 12:00:00	0.00	39.59	0.00	0.00	4.55	2.1	329.7	0.00	13.05	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	05-Dec-13 11:00:00	0.23	23.40	18.92	83.84	88.18
05-Dec-13 12:00:00	05-Dec-13 13:00:00	0.00	47.20	0.00	0.00	4.55	2.1	329.7	0.00	15.56	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	05-Dec-13 12:00:00	0.23	25.91	18.92	83.84	88.18
05-Dec-13 13:00:00	05-Dec-13 14:00:00	0.00	56.26	0.00	0.00	4.52	2.1	329.7																

07-Dec-13 16:00:00	07-Dec-13 17:00:00	0.00	8.19	0.00	0.00	6.79	2.1	329.7	0.00	2.70	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	07-Dec-13 16:00:00	0.23	13.05	18.92	83.84	88.92
07-Dec-13 17:00:00	07-Dec-13 18:00:00	0.00	18.63	0.00	0.00	6.78	2.1	329.7	0.00	6.14	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	07-Dec-13 17:00:00	0.23	16.49	18.92	83.84	88.91
07-Dec-13 18:00:00	07-Dec-13 19:00:00	0.00	6.61	0.00	0.00	6.78	2.1	329.7	0.00	2.18	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	07-Dec-13 18:00:00	0.23	12.53	18.92	83.84	88.91
07-Dec-13 19:00:00	07-Dec-13 20:00:00	0.00	4.70	0.00	0.00	6.78	2.1	329.7	0.00	1.55	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	07-Dec-13 19:00:00	0.23	11.90	18.92	83.84	88.91
07-Dec-13 20:00:00	07-Dec-13 21:00:00	0.00	4.79	0.00	0.00	6.78	2.1	329.7	0.00	1.58	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	07-Dec-13 20:00:00	0.23	11.93	18.92	83.84	88.91
07-Dec-13 21:00:00	07-Dec-13 22:00:00	0.00	0.97	0.00	0.00	6.80	2.1	329.7	0.00	0.32	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	07-Dec-13 21:00:00	0.23	10.67	18.92	83.84	88.92
07-Dec-13 22:00:00	07-Dec-13 23:00:00	0.00	6.22	0.00	0.00	6.80	2.1	329.7	0.00	2.05	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	07-Dec-13 22:00:00	0.23	12.40	18.92	83.84	88.92
07-Dec-13 23:00:00	08-Dec-13 00:00:00	0.00	5.30	0.00	0.00	6.79	2.1	329.7	0.00	1.75	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	07-Dec-13 23:00:00	0.23	12.10	18.92	83.84	88.92
08-Dec-13 00:00:00	08-Dec-13 01:00:00	0.00	2.37	0.00	0.00	6.79	2.1	329.7	0.00	0.78	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	08-Dec-13 00:00:00	0.23	11.13	18.92	83.84	88.92
08-Dec-13 01:00:00	08-Dec-13 02:00:00	0.00	1.70	0.00	0.00	6.89	2.1	329.7	0.00	0.56	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	08-Dec-13 01:00:00	0.23	10.91	18.92	83.84	88.95
08-Dec-13 02:00:00	08-Dec-13 03:00:00	0.00	1.03	0.00	0.00	6.94	2.1	329.7	0.00	0.34	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	08-Dec-13 02:00:00	0.23	10.69	18.92	83.84	88.97
08-Dec-13 03:00:00	08-Dec-13 04:00:00	0.00	1.62	0.00	0.00	6.98	2.1	329.7	0.00	0.54	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	08-Dec-13 03:00:00	0.23	10.89	18.92	83.84	88.98
08-Dec-13 04:00:00	08-Dec-13 05:00:00	0.00	19.30	0.00	0.00	7.02	2.1	329.7	0.00	6.36	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	08-Dec-13 04:00:00	0.23	16.71	18.92	83.84	88.99
08-Dec-13 05:00:00	08-Dec-13 06:00:00	0.00	23.64	0.00	0.00	7.04	2.1	329.7	0.00	7.79	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	08-Dec-13 05:00:00	0.23	18.14	18.92	83.84	89.00
08-Dec-13 06:00:00	08-Dec-13 07:00:00	0.00	19.87	0.00	0.00	7.11	2.1	329.7	0.00	6.55	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	08-Dec-13 06:00:00	0.23	16.90	18.92	83.84	89.03
08-Dec-13 07:00:00	08-Dec-13 08:00:00	0.00	9.44	0.00	0.00	7.21	2.1	329.7	0.00	3.11	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	08-Dec-13 07:00:00	0.23	13.46	18.92	83.84	89.06
08-Dec-13 08:00:00	08-Dec-13 09:00:00	0.00	3.42	0.00	0.00	7.29	2.1	329.7	0.00	1.13	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	08-Dec-13 08:00:00	0.23	11.48	18.92	83.84	89.08
08-Dec-13 09:00:00	08-Dec-13 10:00:00	0.00	3.66	0.00	0.00	7.34	2.1	329.7	0.00	1.21	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 09:00:00	0.23	11.56	18.92	83.84	89.10
08-Dec-13 10:00:00	08-Dec-13 11:00:00	0.00	7.74	0.00	0.00	7.34	2.1	329.7	0.00	2.55	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 10:00:00	0.23	12.90	18.92	83.84	89.10
08-Dec-13 11:00:00	08-Dec-13 12:00:00	0.00	3.85	0.00	0.00	7.34	2.1	329.7	0.00	1.27	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 11:00:00	0.23	11.62	18.92	83.84	89.10
08-Dec-13 12:00:00	08-Dec-13 13:00:00	0.00	2.74	0.00	0.00	7.34	2.1	329.7	0.00	0.90	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 12:00:00	0.23	11.25	18.92	83.84	89.10
08-Dec-13 13:00:00	08-Dec-13 14:00:00	0.00	3.42	0.00	0.00	7.34	2.1	329.7	0.00	1.13	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 13:00:00	0.23	11.48	18.92	83.84	89.10
08-Dec-13 14:00:00	08-Dec-13 15:00:00	0.00	3.40	0.00	0.00	7.34	2.1	329.7	0.00	1.12	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 14:00:00	0.23	11.47	18.92	83.84	89.10
08-Dec-13 15:00:00	08-Dec-13 16:00:00	0.00	13.25	0.00	0.00	7.34	2.1	329.7	0.00	4.37	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 15:00:00	0.23	14.72	18.92	83.84	89.10
08-Dec-13 16:00:00	08-Dec-13 17:00:00	0.00	13.91	0.00	0.00	7.34	2.1	329.7	0.00	4.58	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 16:00:00	0.23	14.93	18.92	83.84	89.10
08-Dec-13 17:00:00	08-Dec-13 18:00:00	0.00	3.62	0.00	0.00	7.34	2.1	329.7	0.00	1.19	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 17:00:00	0.23	11.54	18.92	83.84	89.10
08-Dec-13 18:00:00	08-Dec-13 19:00:00	0.00	1.84	0.00	0.00	7.34	2.1	329.7	0.00	0.61	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 18:00:00	0.23	10.96	18.92	83.84	89.10
08-Dec-13 19:00:00	08-Dec-13 20:00:00	0.00	2.40	0.00	0.00	7.34	2.1	329.7	0.00	0.79	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 19:00:00	0.23	11.14	18.92	83.84	89.10
08-Dec-13 20:00:00	08-Dec-13 21:00:00	0.00	9.30	0.00	0.00	7.34	2.1	329.7	0.00	3.07	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 20:00:00	0.23	13.42	18.92	83.84	89.10
08-Dec-13 21:00:00	08-Dec-13 22:00:00	0.00	16.36	0.00	0.00	7.35	2.1	329.7	0.00	5.39	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	08-Dec-13 21:00:00	0.23	15.74	18.92	83.84	89.10
08-Dec-13 22:00:00	08-Dec-13 23:00:00	0.00	18.55	0.00	0.00	7.36	2.1	329.7	0.00	6.12	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	08-Dec-13 22:00:00	0.23	16.47	18.92	83.84	89.11
08-Dec-13 23:00:00	09-Dec-13 00:00:00	0.00	18.82	0.00	0.00	7.37	2.1	329.7	0.00	6.20	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	08-Dec-13 23:00:00	0.23	16.55	18.92	83.84	89.11
09-Dec-13 00:00:00	09-Dec-13 01:00:00	0.00	18.46	0.00	0.00	7.38	2.1	329.7	0.00	6.09	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	09-Dec-13 00:00:00	0.23	16.44	18.92	83.84	89.11
09-Dec-13 01:00:00	09-Dec-13 02:00:00	0.00	20.12	0.00	0.00	7.35	2.1	329.7	0.00	6.63	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	09-Dec-13 01:00:00	0.23	16.98	18.92	83.84	89.10
09-Dec-13 02:00:00	09-Dec-13 03:00:00	0.00	19.53	0.00	0.00	7.20	2.1	329.7	0.00	6.44	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	09-Dec-13 02:00:00	0.23	16.79	18.92	83.84	89.05
09-Dec-13 03:00:00	09-Dec-13 04:00:00	0.00	19.43	0.00	0.00	7.04	2.1	329.7	0.00	6.41	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	09-Dec-13 03:00:00	0.23	16.76	18.92	83.84	89.00
09-Dec-13 04:00:00	09-Dec-13 05:00:00	0.00	18.49	0.00	0.00	6.88	2.1	329.7	0.00	6.09	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	09-Dec-13 04:00:00	0.23	16.44	18.92	83.84	88.95
09-Dec-13 05:00:00	09-Dec-13 06:00:00	0.04	19.98	0.00	0.00	6.78	2.1	329.7	0.01	6.59	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	09-Dec-13 05:00:00	0.24	16.94	18.92	83.84	88.92
09-Dec-13 06:00:00	09-Dec-13 07:00:00	0.21	17.47	0.00	0.00	6.79	2.1	329.7	0.07	5.76	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	09-Dec-13 06:00:00	0.30	16.11	18.92	83.84	88.92
09-Dec-13 07:00:00	09-Dec-13 08:00:00	0.23	12.04	0.00	0.00	6.80	2.1	329.7	0.08	3.97	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	09-Dec-13 07:00:00	0.31	14.32	18.92	83.84	88.92
09-Dec-13 08:00:00	09-Dec-13 09:00:00	0.00	14.37	0.00	0.00	6.80	2.1	329.7	0.00	4.74	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	09-Dec-13 08:00:00	0.23	15.09	18.92	83.8	

11-Dec-13 11:00:00	11-Dec-13 12:00:00	0.00	21.39	0.00	0.00	6.36	2.1	329.7	0.00	7.05	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	11-Dec-13 11:00:00	0.23	17.40	18.92	83.84	88.78
11-Dec-13 12:00:00	11-Dec-13 13:00:00	0.00	20.42	0.00	0.00	5.94	2.1	329.7	0.00	6.73	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	11-Dec-13 12:00:00	0.23	17.08	18.92	83.84	88.64
11-Dec-13 13:00:00	11-Dec-13 14:00:00	0.00	0.76	0.00	0.00	5.62	2.1	329.7	0.00	0.25	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	11-Dec-13 13:00:00	0.23	10.60	18.92	83.84	88.53
11-Dec-13 14:00:00	11-Dec-13 15:00:00	0.00	0.00	0.00	0.00	5.49	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	11-Dec-13 14:00:00	0.23	10.35	18.92	83.84	88.49
11-Dec-13 15:00:00	11-Dec-13 16:00:00	0.00	0.00	0.00	0.00	5.36	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	11-Dec-13 15:00:00	0.23	10.35	18.92	83.84	88.45
11-Dec-13 16:00:00	11-Dec-13 17:00:00	0.00	0.54	0.00	0.00	5.24	2.1	329.7	0.00	0.18	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	11-Dec-13 16:00:00	0.23	10.53	18.92	83.84	88.41
11-Dec-13 17:00:00	11-Dec-13 18:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	11-Dec-13 17:00:00	0.23	10.35	18.92	83.84	88.37
11-Dec-13 18:00:00	11-Dec-13 19:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	11-Dec-13 18:00:00	0.23	10.35	18.92	83.84	88.46
11-Dec-13 19:00:00	11-Dec-13 20:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	11-Dec-13 19:00:00	0.23	10.35	18.92	83.84	88.51
11-Dec-13 20:00:00	11-Dec-13 21:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	11-Dec-13 20:00:00	0.23	10.35	18.92	83.84	88.57
11-Dec-13 21:00:00	11-Dec-13 22:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	11-Dec-13 21:00:00	0.23	10.35	18.92	83.84	88.63
11-Dec-13 22:00:00	11-Dec-13 23:00:00	0.00	0.40	0.00	0.00	6.15	2.1	329.7	0.00	0.13	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	11-Dec-13 22:00:00	0.23	10.48	18.92	83.84	88.71
11-Dec-13 23:00:00	12-Dec-13 00:00:00	0.00	5.64	0.00	0.00	6.38	2.1	329.7	0.00	1.86	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	11-Dec-13 23:00:00	0.23	12.21	18.92	83.84	88.78
12-Dec-13 00:00:00	12-Dec-13 01:00:00	0.00	27.47	0.00	0.00	6.61	2.1	329.7	0.00	9.06	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	12-Dec-13 00:00:00	0.23	19.41	18.92	83.84	88.86
12-Dec-13 01:00:00	12-Dec-13 02:00:00	0.00	220.42	0.00	0.00	6.81	2.1	329.7	0.00	72.67	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	12-Dec-13 01:00:00	0.23	83.02	18.92	83.84	88.93
12-Dec-13 02:00:00	12-Dec-13 03:00:00	0.00	181.63	0.00	0.00	6.82	2.1	329.7	0.00	59.88	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	12-Dec-13 02:00:00	0.23	70.23	18.92	83.84	88.93
12-Dec-13 03:00:00	12-Dec-13 04:00:00	0.00	449.99	0.00	0.00	6.81	2.1	329.7	0.00	148.36	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	12-Dec-13 03:00:00	0.23	158.71	18.92	83.84	88.92
12-Dec-13 04:00:00	12-Dec-13 05:00:00	0.00	677.18	0.00	0.00	6.80	2.1	329.7	0.00	223.27	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	12-Dec-13 04:00:00	0.23	233.62	18.92	83.84	88.92
12-Dec-13 05:00:00	12-Dec-13 06:00:00	0.00	649.65	0.00	0.00	6.73	2.1	329.7	0.00	214.19	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	12-Dec-13 05:00:00	0.23	224.54	18.92	83.84	88.90
12-Dec-13 06:00:00	12-Dec-13 07:00:00	0.00	197.02	0.00	0.00	6.74	2.1	329.7	0.00	64.96	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	12-Dec-13 06:00:00	0.23	75.31	18.92	83.84	88.90
12-Dec-13 07:00:00	12-Dec-13 08:00:00	0.00	2.13	0.00	0.00	6.78	2.1	329.7	0.00	0.70	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	12-Dec-13 07:00:00	0.23	11.05	18.92	83.84	88.92
12-Dec-13 08:00:00	12-Dec-13 09:00:00	0.00	1.64	0.00	0.00	6.82	2.1	329.7	0.00	0.54	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	12-Dec-13 08:00:00	0.23	10.89	18.92	83.84	88.93
12-Dec-13 09:00:00	12-Dec-13 10:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	12-Dec-13 09:00:00	0.23	10.35	18.92	83.84	88.91
12-Dec-13 10:00:00	12-Dec-13 11:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	12-Dec-13 10:00:00	0.23	10.35	18.92	83.84	88.81
12-Dec-13 11:00:00	12-Dec-13 12:00:00	0.00	5.75	0.00	0.00	6.16	2.1	329.7	0.00	1.90	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	12-Dec-13 11:00:00	0.23	12.25	18.92	83.84	88.71
12-Dec-13 12:00:00	12-Dec-13 13:00:00	0.00	8.91	0.00	0.00	5.87	2.1	329.7	0.00	2.94	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	12-Dec-13 12:00:00	0.23	13.29	18.92	83.84	88.61
12-Dec-13 13:00:00	12-Dec-13 14:00:00	0.00	1.52	0.00	0.00	5.66	2.1	329.7	0.00	0.50	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	12-Dec-13 13:00:00	0.23	10.85	18.92	83.84	88.55
12-Dec-13 14:00:00	12-Dec-13 15:00:00	0.00	0.19	0.00	0.00	5.62	2.1	329.7	0.00	0.06	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	12-Dec-13 14:00:00	0.23	10.41	18.92	83.84	88.53
12-Dec-13 15:00:00	12-Dec-13 16:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	12-Dec-13 15:00:00	0.23	10.35	18.92	83.84	88.52
12-Dec-13 16:00:00	12-Dec-13 17:00:00	0.00	0.00	0.00	0.00	5.55	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	12-Dec-13 16:00:00	0.23	10.35	18.92	83.84	88.51
12-Dec-13 17:00:00	12-Dec-13 18:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	12-Dec-13 17:00:00	0.23	10.35	18.92	83.84	88.56
12-Dec-13 18:00:00	12-Dec-13 19:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.14	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Dec-13 18:00:00	0.23	10.49	18.92	83.84	88.66
12-Dec-13 19:00:00	12-Dec-13 20:00:00	0.00	1.49	0.00	0.00	6.27	2.1	329.7	0.00	0.49	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	12-Dec-13 19:00:00	0.23	10.84	18.92	83.84	88.75
12-Dec-13 20:00:00	12-Dec-13 21:00:00	205.34	3.92	0.00	0.00	6.55	2.1	329.7	67.70	1.29	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	12-Dec-13 20:00:00	67.93	11.64	18.92	83.84	88.84
12-Dec-13 21:00:00	12-Dec-13 22:00:00	214.69	168.34	0.00	0.00	6.84	2.1	329.7	70.78	55.50	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	12-Dec-13 21:00:00	71.01	65.85	18.92	83.84	88.94
12-Dec-13 22:00:00	12-Dec-13 23:00:00	596.39	602.46	0.00	0.00	6.81	2.1	329.7	196.63	198.63	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	12-Dec-13 22:00:00	196.86	208.98	18.92	83.84	88.93
12-Dec-13 23:00:00	13-Dec-13 00:00:00	762.41	610.66	0.00	0.00	6.73	2.1	329.7	251.37	201.34	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	12-Dec-13 23:00:00	251.60	211.69	18.92	83.84	88.90
13-Dec-13 00:00:00	13-Dec-13 01:00:00	725.12	674.77	0.00	0.00	6.65	2.1	329.7	239.07	222.47	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	13-Dec-13 00:00:00	239.30	232.82	18.92	83.84	88.87
13-Dec-13 01:00:00	13-Dec-13 02:00:00	842.57	281.10	0.00	0.00	6.74	2.1	329.7	277.80	92.68	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	13-Dec-13 01:00:00	278.03	103.03	18.92	83.84	88.90
13-Dec-13 02:00:00	13-Dec-13 03:00:00	1,602.69	22.27	0.00	0.00	7.00	2.1	329.7	528.41	7.34	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	13-Dec-13 02:00:00	528.64	17.69	18.92	83.84	88.99
13-Dec-13 03:00:00	13-Dec-13 04:00:00	1,682.04	4.88	0.00	0.00	7.25	2.1	329.7	554.57	1.61	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	13-Dec-13 03:00:00	554.80	11.96	18.92	83.84	89.07
13-Dec-13 04:00:00	13-Dec-13 05:00:00	1,688.46	3.31	0.00	2.71	7.49	2.1	329.7	556.68	1.09	0.00	0.89	2.47	0.23	10.35	18.92	83.84	86.68	13-Dec-13 04:00:00	556.91	11.44	18.92	84.73	89.15
13-Dec-13 05:00:00	13-Dec-13 06:00:00	1,692.25	5.87	0.00	0.00	7.69	2.1	329.7	557.93	1.93	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	13-Dec-13 05:00:00	558.16	12.28	18.92	83.84	89.21
13-Dec-13 06:00:00	13-Dec-13 07:00:00	1,689.78	5.12	0.00	0.00	7.48	2.1	329.7	557.12	1.69	0.00	0.00	2.47	0.23	10.35	18.92	83.84	86.68	13-Dec-13 06:00:00	557.35	12.04	18.92	83.84	89.15
13-Dec-13 07:00:00	13-Dec-13 08:00:																							

15-Dec-13 06:00:00	15-Dec-13 07:00:00	811.73	0.00	0.00	0.00	5.68	2.1	329.7	267.63	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	15-Dec-13 06:00:00	267.86	10.35	18.92	83.84	88.55	
15-Dec-13 07:00:00	15-Dec-13 08:00:00	927.55	0.00	0.00	0.00	5.70	2.1	329.7	305.81	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	15-Dec-13 07:00:00	306.04	10.35	18.92	83.84	88.56	
15-Dec-13 08:00:00	15-Dec-13 09:00:00	840.25	0.00	0.00	0.00	3.18	7.99	2.1	329.7	277.03	0.00	0.00	1.05	2.64	0.23	10.35	18.92	83.84	86.68	15-Dec-13 08:00:00	277.26	10.35	18.92	84.89	89.32
15-Dec-13 09:00:00	15-Dec-13 10:00:00	610.78	0.00	0.00	0.00	66.15	2.1	329.7	201.37	0.00	0.00	0.00	21.81	0.23	10.35	18.92	83.84	86.68	15-Dec-13 09:00:00	201.60	10.35	18.92	83.84	108.49	
15-Dec-13 10:00:00	15-Dec-13 11:00:00	1,239.07	0.00	0.00	0.00	108.32	2.1	329.7	408.52	0.00	0.00	0.00	35.71	0.23	10.35	18.92	83.84	86.68	15-Dec-13 10:00:00	408.75	10.35	18.92	83.84	122.39	
15-Dec-13 11:00:00	15-Dec-13 12:00:00	1,198.87	0.00	0.00	0.00	5.21	273.56	2.1	329.7	395.60	0.00	0.00	1.72	90.19	0.23	10.35	18.92	83.84	86.68	15-Dec-13 11:00:00	395.83	10.35	18.92	85.56	126.87
15-Dec-13 12:00:00	15-Dec-13 13:00:00	1,285.82	0.00	0.00	0.00	279.32	2.1	329.7	423.84	0.00	0.00	0.00	92.09	0.23	10.35	18.92	83.84	86.68	15-Dec-13 12:00:00	424.07	10.35	18.92	83.84	176.77	
15-Dec-13 13:00:00	15-Dec-13 14:00:00	1,221.27	2.74	0.00	0.00	277.53	2.1	329.7	402.65	0.90	0.00	0.00	91.50	0.23	10.35	18.92	83.84	86.68	15-Dec-13 13:00:00	402.88	11.25	18.92	83.84	178.18	
15-Dec-13 14:00:00	15-Dec-13 15:00:00	1,297.20	10.36	0.00	0.00	350.88	2.1	329.7	427.69	3.42	0.00	0.00	115.69	0.23	10.35	18.92	83.84	86.68	15-Dec-13 14:00:00	427.92	13.77	18.92	83.84	202.37	
15-Dec-13 15:00:00	15-Dec-13 16:00:00	1,212.18	24.58	0.00	0.00	343.04	2.1	329.7	399.66	8.11	0.00	0.00	113.10	0.23	10.35	18.92	83.84	86.68	15-Dec-13 15:00:00	399.89	18.46	18.92	83.84	199.78	
15-Dec-13 16:00:00	15-Dec-13 17:00:00	970.37	24.19	0.00	0.00	351.21	2.1	329.7	319.93	7.97	0.00	0.00	115.79	0.23	10.35	18.92	83.84	86.68	15-Dec-13 16:00:00	320.16	18.32	18.92	83.84	202.47	
15-Dec-13 17:00:00	15-Dec-13 18:00:00	1,075.05	20.85	0.00	0.00	345.63	2.1	329.7	354.44	8.07	0.00	0.00	113.95	0.23	10.35	18.92	83.84	86.68	15-Dec-13 17:00:00	354.67	17.22	18.92	83.84	200.63	
15-Dec-13 18:00:00	15-Dec-13 19:00:00	1,039.87	19.41	0.00	0.00	160.29	2.1	329.7	342.84	6.40	0.00	0.00	52.85	0.23	10.35	18.92	83.84	86.68	15-Dec-13 18:00:00	343.07	16.75	18.92	83.84	139.53	
15-Dec-13 19:00:00	15-Dec-13 20:00:00	1,230.70	10.74	0.00	0.00	4.90	2.1	329.7	405.76	3.54	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	15-Dec-13 19:00:00	405.99	13.89	18.92	83.84	88.30	
15-Dec-13 20:00:00	15-Dec-13 21:00:00	1,310.88	4.38	0.00	0.00	5.06	2.1	329.7	432.20	1.44	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	15-Dec-13 20:00:00	432.43	11.79	18.92	83.84	88.35	
15-Dec-13 21:00:00	15-Dec-13 22:00:00	1,170.49	1.59	0.00	0.00	9.03	2.1	329.7	385.91	0.52	0.00	0.00	2.98	0.23	10.35	18.92	83.84	86.68	15-Dec-13 21:00:00	386.14	10.87	18.92	83.84	89.66	
15-Dec-13 22:00:00	15-Dec-13 23:00:00	1,248.30	0.00	0.00	0.00	9.74	2.1	329.7	411.57	0.00	0.00	0.00	3.21	0.23	10.35	18.92	83.84	86.68	15-Dec-13 22:00:00	411.80	10.35	18.92	83.84	89.89	
15-Dec-13 23:00:00	15-Dec-13 00:00:00	1,377.05	0.00	0.00	0.00	5.81	2.1	329.7	454.01	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	15-Dec-13 23:00:00	454.24	10.35	18.92	83.84	88.59	
16-Dec-13 00:00:00	16-Dec-13 01:00:00	1,507.17	0.00	0.00	0.00	7.22	2.1	329.7	496.92	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	16-Dec-13 00:00:00	497.15	10.35	18.92	83.84	89.06	
16-Dec-13 01:00:00	16-Dec-13 02:00:00	1,453.71	0.49	0.00	0.00	8.09	2.1	329.7	479.29	0.16	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	16-Dec-13 01:00:00	479.52	10.51	18.92	83.84	89.35	
16-Dec-13 02:00:00	16-Dec-13 03:00:00	1,593.88	21.00	0.00	0.00	6.28	2.1	329.7	525.50	0.92	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	16-Dec-13 02:00:00	525.73	17.27	18.92	83.84	88.75	
16-Dec-13 03:00:00	16-Dec-13 04:00:00	1,673.49	17.60	0.00	0.00	6.37	2.1	329.7	551.75	5.80	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	16-Dec-13 03:00:00	551.98	16.15	18.92	83.84	88.78	
16-Dec-13 04:00:00	16-Dec-13 05:00:00	1,650.02	10.40	0.00	0.00	56.41	2.1	329.7	544.01	3.43	0.00	0.00	18.60	0.23	10.35	18.92	83.84	86.68	16-Dec-13 04:00:00	544.24	13.78	18.92	83.84	105.28	
16-Dec-13 05:00:00	16-Dec-13 06:00:00	1,238.54	6.23	0.00	0.00	40.60	2.1	329.7	408.35	2.05	0.00	0.00	13.38	0.23	10.35	18.92	83.84	86.68	16-Dec-13 05:00:00	408.58	12.40	18.92	83.84	100.06	
16-Dec-13 06:00:00	16-Dec-13 07:00:00	1,162.38	0.56	0.00	0.00	6.77	2.1	329.7	383.24	1.18	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	16-Dec-13 06:00:00	383.47	10.53	18.92	83.84	88.91	
16-Dec-13 07:00:00	16-Dec-13 08:00:00	1,166.66	4.46	0.00	0.00	15.45	2.1	329.7	384.65	1.47	0.00	0.00	5.09	0.23	10.35	18.92	83.84	86.68	16-Dec-13 07:00:00	384.88	11.82	18.92	83.84	91.77	
16-Dec-13 08:00:00	16-Dec-13 09:00:00	1,039.29	5.47	0.00	0.00	9.84	2.1	329.7	342.66	1.80	0.00	0.00	3.25	0.23	10.35	18.92	83.84	86.68	16-Dec-13 08:00:00	342.89	12.15	18.92	83.84	89.93	
16-Dec-13 09:00:00	16-Dec-13 10:00:00	1,082.48	6.15	0.00	0.00	6.29	2.1	329.7	356.89	2.03	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	16-Dec-13 09:00:00	357.12	12.38	18.92	83.84	88.75	
16-Dec-13 10:00:00	16-Dec-13 11:00:00	1,119.22	5.60	0.00	0.00	5.90	2.1	329.7	369.01	1.85	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	16-Dec-13 10:00:00	369.24	12.20	18.92	83.84	88.63	
16-Dec-13 11:00:00	16-Dec-13 12:00:00	1,287.33	8.90	0.00	0.00	5.52	2.1	329.7	424.43	2.94	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	16-Dec-13 11:00:00	424.66	13.29	18.92	83.84	88.50	
16-Dec-13 12:00:00	16-Dec-13 13:00:00	1,431.08	1.26	0.00	0.00	5.14	2.1	329.7	471.83	0.41	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	16-Dec-13 12:00:00	472.06	10.76	18.92	83.84	88.37	
16-Dec-13 13:00:00	16-Dec-13 14:00:00	1,323.90	6.14	0.00	0.00	6.76	2.1	329.7	431.82	2.01	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	16-Dec-13 13:00:00	432.09	12.36	18.92	83.84	89.01	
16-Dec-13 14:00:00	16-Dec-13 15:00:00	0.00	23.62	0.00	0.00	4.49	2.1	329.7	0.00	7.72	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	16-Dec-13 14:00:00	0.23	18.07	18.92	83.84	88.16	
16-Dec-13 15:00:00	16-Dec-13 16:00:00	0.00	9.40	0.00	0.00	4.41	2.1	329.7	0.00	3.16	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	16-Dec-13 15:00:00	0.23	13.51	18.92	83.84	88.13	
16-Dec-13 16:00:00	16-Dec-13 17:00:00	0.00	18.11	0.00	0.00	4.32	2.1	329.7	0.00	5.97	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	16-Dec-13 16:00:00	0.23	16.32	18.92	83.84	88.11	
16-Dec-13 17:00:00	16-Dec-13 18:00:00	0.00	27.58	0.00	0.00	6.33	2.1	329.7	0.00	9.09	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	16-Dec-13 17:00:00	0.23	19.44	18.92	83.84	88.76	
16-Dec-13 18:00:00	16-Dec-13 19:00:00	0.00	25.08	0.00	0.00	4.83	2.1	329.7	0.00	8.27	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	16-Dec-13 18:00:00	0.23	18.62	18.92	83.84	88.27	
16-Dec-13 19:00:00	16-Dec-13 20:00:00	0.00	26.80	0.00	0.00	4.64	2.1	329.7	0.00	8.84	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	16-Dec-13 19:00:00	0.23	19.19	18.92	83.84	88.21	
16-Dec-13 20:00:00	16-Dec-13 21:00:00	0.00	8.93	0.00	0.00	7.51	2.1	329.7	0.00	2.95	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	16-Dec-13 20:00:00	0.23	13.30	18.92	83.84	89.16	
16-Dec-13 21:00:00	16-Dec-13 22:00:00	0.00	1.59	0.00	0.00	5.15	2.1	329.7	0.00	0.52	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	16-Dec-13 21:00:00	0.23	10.87	1			

19-Dec-13 01:00:00	19-Dec-13 02:00:00	0.00	16.68	0.00	0.00	6.19	2.1	329.7	0.00	5.50	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	19-Dec-13 01:00:00	0.23	15.85	18.92	83.84	88.72
19-Dec-13 02:00:00	19-Dec-13 03:00:00	1.37	27.11	0.00	0.00	6.23	2.1	329.7	0.45	8.94	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	19-Dec-13 02:00:00	0.68	19.29	18.92	83.84	88.73
19-Dec-13 03:00:00	19-Dec-13 04:00:00	2.35	14.04	0.00	0.00	12.99	2.1	329.7	0.77	4.63	0.00	0.00	4.28	0.23	10.35	18.92	83.84	86.68	19-Dec-13 03:00:00	1.00	14.98	18.92	83.84	90.96
19-Dec-13 04:00:00	19-Dec-13 05:00:00	1.34	4.83	0.00	0.00	6.25	2.1	329.7	0.44	1.59	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	19-Dec-13 04:00:00	0.67	11.94	18.92	83.84	88.74
19-Dec-13 05:00:00	19-Dec-13 06:00:00	0.00	3.71	0.00	0.00	6.24	2.1	329.7	0.00	1.22	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	19-Dec-13 05:00:00	0.23	11.57	18.92	83.84	88.74
19-Dec-13 06:00:00	19-Dec-13 07:00:00	0.00	3.05	0.00	0.00	7.03	2.1	329.7	0.00	1.01	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	19-Dec-13 06:00:00	0.23	11.36	18.92	83.84	89.00
19-Dec-13 07:00:00	19-Dec-13 08:00:00	0.00	3.77	0.00	0.00	6.25	2.1	329.7	0.00	1.24	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	19-Dec-13 07:00:00	0.23	11.39	18.92	83.84	89.03
19-Dec-13 08:00:00	19-Dec-13 09:00:00	0.00	2.57	0.00	0.00	5.74	2.1	329.7	0.00	0.85	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	19-Dec-13 08:00:00	0.23	11.20	18.92	83.84	88.57
19-Dec-13 09:00:00	19-Dec-13 10:00:00	0.00	4.66	0.00	0.00	5.45	2.1	329.7	0.00	1.54	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	19-Dec-13 09:00:00	0.23	11.89	18.92	83.84	88.48
19-Dec-13 10:00:00	19-Dec-13 11:00:00	0.15	5.67	0.00	0.00	9.20	2.1	329.7	0.05	1.87	0.00	0.00	3.03	0.23	10.35	18.92	83.84	86.68	19-Dec-13 10:00:00	0.28	12.22	18.92	83.84	89.71
19-Dec-13 11:00:00	19-Dec-13 12:00:00	0.32	4.15	0.00	0.00	4.86	2.1	329.7	0.10	1.37	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	19-Dec-13 11:00:00	0.33	11.72	18.92	83.84	88.28
19-Dec-13 12:00:00	19-Dec-13 13:00:00	0.49	18.58	0.00	0.00	4.51	2.1	329.7	0.16	6.13	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	19-Dec-13 12:00:00	0.39	16.48	18.92	83.84	88.17
19-Dec-13 13:00:00	19-Dec-13 14:00:00	0.00	21.84	0.00	0.00	36.70	2.1	329.7	0.00	7.20	0.00	0.00	12.10	0.23	10.35	18.92	83.84	86.68	19-Dec-13 13:00:00	0.23	17.55	18.92	83.84	98.78
19-Dec-13 14:00:00	19-Dec-13 15:00:00	0.00	6.15	0.00	0.00	3.93	2.1	329.7	0.00	2.03	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	19-Dec-13 14:00:00	0.23	12.38	18.92	83.84	87.98
19-Dec-13 15:00:00	19-Dec-13 16:00:00	0.00	11.86	0.00	0.00	3.90	2.1	329.7	0.00	3.91	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	19-Dec-13 15:00:00	0.23	14.26	18.92	83.84	87.97
19-Dec-13 16:00:00	19-Dec-13 17:00:00	0.00	8.26	0.00	0.00	3.87	2.1	329.7	0.00	2.72	0.00	0.00	1.28	0.23	10.35	18.92	83.84	86.68	19-Dec-13 16:00:00	0.23	13.07	18.92	83.84	87.96
19-Dec-13 17:00:00	19-Dec-13 18:00:00	0.00	2.56	0.00	0.00	4.34	2.1	329.7	0.00	0.84	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	19-Dec-13 17:00:00	0.23	11.19	18.92	83.84	88.11
19-Dec-13 18:00:00	19-Dec-13 19:00:00	0.00	4.81	0.00	0.00	4.24	2.1	329.7	0.00	1.59	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	19-Dec-13 18:00:00	0.23	11.94	18.92	83.84	88.08
19-Dec-13 19:00:00	19-Dec-13 20:00:00	0.00	2.97	0.00	0.00	13.83	2.1	329.7	0.00	0.98	0.00	0.00	4.56	0.23	10.35	18.92	83.84	86.68	19-Dec-13 19:00:00	0.23	11.33	18.92	83.84	91.24
19-Dec-13 20:00:00	19-Dec-13 21:00:00	0.00	0.35	0.00	0.00	5.10	2.1	329.7	0.00	0.12	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	19-Dec-13 20:00:00	0.23	10.47	18.92	83.84	88.36
19-Dec-13 21:00:00	19-Dec-13 22:00:00	0.00	6.42	0.00	0.00	4.79	2.1	329.7	0.00	2.12	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	19-Dec-13 21:00:00	0.23	12.47	18.92	83.84	88.26
19-Dec-13 22:00:00	19-Dec-13 23:00:00	0.00	1.29	0.00	0.00	14.43	2.1	329.7	0.00	0.43	0.00	0.00	4.76	0.23	10.35	18.92	83.84	86.68	19-Dec-13 22:00:00	0.23	10.78	18.92	83.84	91.44
19-Dec-13 23:00:00	20-Dec-13 00:00:00	0.00	3.15	0.00	0.00	7.10	2.1	329.7	0.00	1.04	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	19-Dec-13 23:00:00	0.23	11.39	18.92	83.84	89.02
20-Dec-13 00:00:00	20-Dec-13 01:00:00	0.00	4.51	0.00	0.00	5.27	2.1	329.7	0.00	1.49	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	20-Dec-13 00:00:00	0.23	11.84	18.92	83.84	88.42
20-Dec-13 01:00:00	20-Dec-13 02:00:00	0.00	0.00	0.00	0.00	7.70	2.1	329.7	0.00	0.00	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	20-Dec-13 01:00:00	0.23	10.35	18.92	83.84	89.22
20-Dec-13 02:00:00	20-Dec-13 03:00:00	0.00	0.00	0.00	0.00	15.15	2.1	329.7	0.00	0.00	0.00	0.00	5.00	0.23	10.35	18.92	83.84	86.68	20-Dec-13 02:00:00	0.23	10.35	18.92	83.84	91.68
20-Dec-13 03:00:00	20-Dec-13 04:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	20-Dec-13 03:00:00	0.23	10.35	18.92	83.84	88.54
20-Dec-13 04:00:00	20-Dec-13 05:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	20-Dec-13 04:00:00	0.23	10.35	18.92	83.84	88.54
20-Dec-13 05:00:00	20-Dec-13 06:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	20-Dec-13 05:00:00	0.23	10.35	18.92	83.84	88.54
20-Dec-13 06:00:00	20-Dec-13 07:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	20-Dec-13 06:00:00	0.23	10.35	18.92	83.84	88.53
20-Dec-13 07:00:00	20-Dec-13 08:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	20-Dec-13 07:00:00	0.23	10.35	18.92	83.84	88.48
20-Dec-13 08:00:00	20-Dec-13 09:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	20-Dec-13 08:00:00	0.23	10.35	18.92	83.84	88.48
20-Dec-13 09:00:00	20-Dec-13 10:00:00	0.00	0.00	0.00	0.00	12.19	2.1	329.7	0.00	0.00	0.00	0.00	4.02	0.23	10.35	18.92	83.84	86.68	20-Dec-13 09:00:00	0.23	10.35	18.92	83.84	90.70
20-Dec-13 10:00:00	20-Dec-13 11:00:00	0.00	0.00	0.00	0.00	4.88	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	20-Dec-13 10:00:00	0.23	10.35	18.92	83.84	88.29
20-Dec-13 11:00:00	20-Dec-13 12:00:00	0.00	11.61	0.00	10.90	6.82	2.1	329.7	0.00	3.83	0.00	3.59	2.25	0.23	10.35	18.92	83.84	86.68	20-Dec-13 11:00:00	0.23	14.18	18.92	83.84	88.93
20-Dec-13 12:00:00	20-Dec-13 13:00:00	0.00	10.71	0.00	0.00	370.75	2.1	329.7	0.00	3.53	0.00	0.00	122.24	0.23	10.35	18.92	83.84	86.68	20-Dec-13 12:00:00	0.23	13.88	18.92	83.84	208.92
20-Dec-13 13:00:00	20-Dec-13 14:00:00	0.00	9.06	0.00	0.00	422.98	2.1	329.7	0.00	2.99	0.00	0.00	139.46	0.23	10.35	18.92	83.84	86.68	20-Dec-13 13:00:00	0.23	13.34	18.92	83.84	226.14
20-Dec-13 14:00:00	20-Dec-13 15:00:00	0.00	16.02	0.00	0.00	199.27	2.1	329.7	0.00	5.28	0.00	0.00	65.70	0.23	10.35	18.92	83.84	86.68	20-Dec-13 14:00:00	0.23	15.63	18.92	83.84	152.38
20-Dec-13 15:00:00	20-Dec-13 16:00:00	0.00	8.25	0.00	0.00	3.90	2.1	329.7	0.00	2.72	0.00	0.00	1.28	0.23	10.35	18.92	83.84	86.68	20-Dec-13 15:00:00	0.23	13.07	18.92	83.84	87.96
20-Dec-13 16:00:00	20-Dec-13 17:00:00	0.00	11.01	0.00	0.00	3.90	2.1	329.7	0.00	3.63	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	20-Dec-13 16:00:00	0.23	13.98	18.92	83.84	87.97
20-Dec-13 17:00:00	20-Dec-13 18:00:00	0.00	16.54	0.00	0.00	5.86	2.1	329.7	0.00	5.45	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	20-Dec-13 17:00:00	0.23	15.80	18.92	83.84	88.61
20-Dec-13 18:00:00	20-Dec-13 19:00:00	0.00	12.41	0.00	0.00	3.90	2.1	329.7	0.00	4.09	0.00	0.00	1.28	0.23	10.35	18.92	83.84	86.68	20-Dec-13 18:00:00	0.23	14.44	18.92	83.84	87.96
20-Dec-13 19:00:00	20-Dec-13 20:00:00	0.00	9.03	0.00	0.00	4.09	2.1	329.7	0.00	2.98	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	20-Dec-13 19:00:00	0.23	13.33	18.92	83.84	88.03
20-Dec-13 20:00:00	20-Dec-13 21:00:00	0.00	3.70	0.00	0.00	4.28	2.1	329.7	0.00	1.22	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	20-Dec-13 20:00:00	0.23	11.57	18.92	83.84	88.09
20-Dec-13 21:00:00	20-Dec-13 22:00:00	0.00	3.30	0.00	0.00	5.03	2.1	329.7	0.00	1.09														

22-Dec-13 20:00:00	22-Dec-13 21:00:00	0.00	8.61	0.00	123.78	4.59	2.1	329.7	0.00	2.84	0.00	40.81	1.51	0.23	10.35	18.92	83.84	86.68	22-Dec-13 20:00:00	0.23	13.19	18.92	124.65	88.19
22-Dec-13 21:00:00	22-Dec-13 22:00:00	0.00	6.60	0.00	0.00	4.56	2.1	329.7	0.00	2.18	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	22-Dec-13 21:00:00	0.23	12.53	18.92	83.84	88.18
22-Dec-13 22:00:00	22-Dec-13 23:00:00	0.00	6.68	0.00	0.00	4.56	2.1	329.7	0.00	2.20	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	22-Dec-13 22:00:00	0.23	12.55	18.92	83.84	88.18
22-Dec-13 23:00:00	23-Dec-13 00:00:00	0.00	8.52	0.00	0.00	4.60	2.1	329.7	0.00	2.81	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	22-Dec-13 23:00:00	0.23	13.16	18.92	83.84	88.20
23-Dec-13 00:00:00	23-Dec-13 01:00:00	0.00	10.09	0.00	0.00	4.63	2.1	329.7	0.00	3.33	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	23-Dec-13 00:00:00	0.23	13.68	18.92	83.84	88.21
23-Dec-13 01:00:00	23-Dec-13 02:00:00	0.00	5.54	0.00	0.00	4.69	2.1	329.7	0.00	1.83	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	23-Dec-13 01:00:00	0.23	12.18	18.92	83.84	88.23
23-Dec-13 02:00:00	23-Dec-13 03:00:00	0.00	11.21	0.00	0.00	5.21	2.1	329.7	0.00	3.70	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	23-Dec-13 02:00:00	0.23	14.05	18.92	83.84	88.23
23-Dec-13 03:00:00	23-Dec-13 04:00:00	0.00	10.24	0.00	0.00	4.72	2.1	329.7	0.00	3.41	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	23-Dec-13 03:00:00	0.23	12.76	18.92	83.84	88.24
23-Dec-13 04:00:00	23-Dec-13 05:00:00	0.00	5.37	0.00	0.00	4.74	2.1	329.7	0.00	1.77	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	23-Dec-13 04:00:00	0.23	12.12	18.92	83.84	88.24
23-Dec-13 05:00:00	23-Dec-13 06:00:00	0.00	5.66	0.00	0.00	4.72	2.1	329.7	0.00	1.87	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	23-Dec-13 05:00:00	0.23	12.22	18.92	83.84	88.24
23-Dec-13 06:00:00	23-Dec-13 07:00:00	0.00	6.40	0.00	0.00	4.57	2.1	329.7	0.00	2.11	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	23-Dec-13 06:00:00	0.23	12.46	18.92	83.84	88.19
23-Dec-13 07:00:00	23-Dec-13 08:00:00	0.00	5.95	0.00	0.00	4.40	2.1	329.7	0.00	1.96	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	23-Dec-13 07:00:00	0.23	12.31	18.92	83.84	88.13
23-Dec-13 08:00:00	23-Dec-13 09:00:00	0.00	5.11	0.00	0.00	4.23	2.1	329.7	0.00	1.69	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	23-Dec-13 08:00:00	0.23	12.04	18.92	83.84	88.10
23-Dec-13 09:00:00	23-Dec-13 10:00:00	0.00	3.25	0.00	0.00	4.30	2.1	329.7	0.00	1.07	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	23-Dec-13 09:00:00	0.23	11.42	18.92	83.84	88.07
23-Dec-13 10:00:00	23-Dec-13 11:00:00	0.00	3.41	0.00	0.00	4.62	2.1	329.7	0.00	1.12	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	23-Dec-13 10:00:00	0.23	11.47	18.92	83.84	88.20
23-Dec-13 11:00:00	23-Dec-13 12:00:00	0.00	4.30	0.00	0.00	4.87	2.1	329.7	0.00	1.42	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	23-Dec-13 11:00:00	0.23	11.77	18.92	83.84	88.29
23-Dec-13 12:00:00	23-Dec-13 13:00:00	0.00	11.98	0.00	0.00	5.13	2.1	329.7	0.00	3.95	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	23-Dec-13 12:00:00	0.23	14.30	18.92	83.84	88.37
23-Dec-13 13:00:00	23-Dec-13 14:00:00	0.00	44.61	0.00	0.00	46.47	2.1	329.7	0.00	14.71	0.00	0.00	15.32	0.23	10.35	18.92	83.84	86.68	23-Dec-13 13:00:00	0.23	25.06	18.92	83.84	100.20
23-Dec-13 14:00:00	23-Dec-13 15:00:00	0.00	23.49	0.00	0.00	5.17	2.1	329.7	0.00	7.75	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	23-Dec-13 14:00:00	0.23	18.10	18.92	83.84	88.38
23-Dec-13 15:00:00	23-Dec-13 16:00:00	0.00	15.36	0.00	0.00	5.16	2.1	329.7	0.00	5.06	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	23-Dec-13 15:00:00	0.23	15.41	18.92	83.84	88.38
23-Dec-13 16:00:00	23-Dec-13 17:00:00	0.00	17.67	0.00	0.00	5.15	2.1	329.7	0.00	5.83	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	23-Dec-13 16:00:00	0.23	16.18	18.92	83.84	88.38
23-Dec-13 17:00:00	23-Dec-13 18:00:00	0.00	22.78	0.00	0.00	5.14	2.1	329.7	0.00	7.51	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	23-Dec-13 17:00:00	0.23	17.86	18.92	83.84	88.37
23-Dec-13 18:00:00	23-Dec-13 19:00:00	0.00	30.45	0.00	0.00	5.11	2.1	329.7	0.00	10.04	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	23-Dec-13 18:00:00	0.23	20.39	18.92	83.84	88.36
23-Dec-13 19:00:00	23-Dec-13 20:00:00	0.00	28.57	0.00	0.00	5.15	2.1	329.7	0.00	9.42	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	23-Dec-13 19:00:00	0.23	19.77	18.92	83.84	88.38
23-Dec-13 20:00:00	23-Dec-13 21:00:00	0.00	22.43	0.00	0.00	5.20	2.1	329.7	0.00	7.40	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	23-Dec-13 20:00:00	0.23	17.75	18.92	83.84	88.39
23-Dec-13 21:00:00	23-Dec-13 22:00:00	0.00	31.10	0.00	0.00	5.25	2.1	329.7	0.00	10.25	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	23-Dec-13 21:00:00	0.23	20.60	18.92	83.84	88.41
23-Dec-13 22:00:00	23-Dec-13 23:00:00	0.00	12.07	0.00	0.00	5.44	2.1	329.7	0.00	3.98	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	23-Dec-13 22:00:00	0.23	14.33	18.92	83.84	88.47
23-Dec-13 23:00:00	24-Dec-13 00:00:00	0.00	12.89	0.00	0.00	5.50	2.1	329.7	0.00	4.25	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	23-Dec-13 23:00:00	0.23	14.60	18.92	83.84	88.49
24-Dec-13 00:00:00	24-Dec-13 01:00:00	0.00	6.45	0.00	0.00	5.57	2.1	329.7	0.00	2.13	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	24-Dec-13 00:00:00	0.23	12.48	18.92	83.84	88.51
24-Dec-13 01:00:00	24-Dec-13 02:00:00	0.00	2.96	0.00	0.00	5.63	2.1	329.7	0.00	1.60	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	24-Dec-13 01:00:00	0.23	11.95	18.92	83.84	88.54
24-Dec-13 02:00:00	24-Dec-13 03:00:00	0.00	4.08	0.00	0.00	5.74	2.1	329.7	0.00	0.69	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	24-Dec-13 02:00:00	0.23	11.04	18.92	83.84	88.57
24-Dec-13 03:00:00	24-Dec-13 04:00:00	0.00	12.73	0.00	0.00	5.79	2.1	329.7	0.00	4.20	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	24-Dec-13 03:00:00	0.23	14.55	18.92	83.84	88.57
24-Dec-13 04:00:00	24-Dec-13 05:00:00	0.00	4.80	0.00	0.00	5.82	2.1	329.7	0.00	1.58	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	24-Dec-13 04:00:00	0.23	11.93	18.92	83.84	88.60
24-Dec-13 05:00:00	24-Dec-13 06:00:00	0.00	2.99	0.00	0.00	5.86	2.1	329.7	0.00	0.99	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	24-Dec-13 05:00:00	0.23	11.34	18.92	83.84	88.61
24-Dec-13 06:00:00	24-Dec-13 07:00:00	0.00	18.83	0.00	0.00	6.03	2.1	329.7	0.00	6.21	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	24-Dec-13 06:00:00	0.23	16.56	18.92	83.84	88.67
24-Dec-13 07:00:00	24-Dec-13 08:00:00	0.00	35.04	0.00	0.00	5.97	2.1	329.7	0.00	11.55	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	24-Dec-13 07:00:00	0.23	21.90	18.92	83.84	88.65
24-Dec-13 08:00:00	24-Dec-13 09:00:00	0.00	9.96	0.00	0.00	5.90	2.1	329.7	0.00	3.28	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	24-Dec-13 08:00:00	0.23	13.63	18.92	83.84	88.62
24-Dec-13 09:00:00	24-Dec-13 10:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	24-Dec-13 09:00:00	0.23	10.35	18.92	83.84	88.60
24-Dec-13 10:00:00	24-Dec-13 11:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	24-Dec-13 10:00:00	0.23	10.35	18.92	83.84	88.57
24-Dec-13 11:00:00	24-Dec-13 12:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	24-Dec-13 11:00:00	0.23	10.35	18.92	83.84	88.53
24-Dec-13 12:00:00	24-Dec-13 13:00:00	0.00	0.03	0.00	0.00	5.48	2.1	329.7	0.00	0.01	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	24-Dec-13 12:00:00	0.23	10.36	18.9		

26-Dec-13 15:00:00	26-Dec-13 16:00:00	0.00	4.19	0.00	0.00	4.77	2.1	329.7	0.00	1.38	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	26-Dec-13 15:00:00	0.23	11.73	18.92	83.84	88.25
26-Dec-13 16:00:00	26-Dec-13 17:00:00	0.00	6.51	0.00	0.00	4.67	2.1	329.7	0.00	2.15	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	26-Dec-13 16:00:00	0.23	12.50	18.92	83.84	88.22
26-Dec-13 17:00:00	26-Dec-13 18:00:00	0.00	15.54	0.00	0.00	4.56	2.1	329.7	0.00	5.12	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	26-Dec-13 17:00:00	0.23	15.47	18.92	83.84	88.18
26-Dec-13 18:00:00	26-Dec-13 19:00:00	0.00	11.34	0.00	0.00	4.72	2.1	329.7	0.00	3.74	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	26-Dec-13 18:00:00	0.23	14.09	18.92	83.84	88.23
26-Dec-13 19:00:00	26-Dec-13 20:00:00	0.00	0.00	0.00	0.00	5.07	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	26-Dec-13 19:00:00	0.23	10.35	18.92	83.84	88.25
26-Dec-13 20:00:00	26-Dec-13 21:00:00	0.00	0.00	0.00	0.00	5.42	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	26-Dec-13 20:00:00	0.23	10.35	18.92	83.84	88.27
26-Dec-13 21:00:00	26-Dec-13 22:00:00	0.00	0.14	0.00	0.00	5.75	2.1	329.7	0.00	0.05	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	26-Dec-13 21:00:00	0.23	10.40	18.92	83.84	88.28
26-Dec-13 22:00:00	26-Dec-13 23:00:00	0.00	3.65	0.00	0.00	5.82	2.1	329.7	0.00	1.20	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	26-Dec-13 22:00:00	0.23	11.55	18.92	83.84	88.40
26-Dec-13 23:00:00	27-Dec-13 00:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	26-Dec-13 23:00:00	0.23	10.35	18.92	83.84	88.61
27-Dec-13 00:00:00	27-Dec-13 01:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	27-Dec-13 00:00:00	0.23	10.35	18.92	83.84	88.63
27-Dec-13 01:00:00	27-Dec-13 02:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	27-Dec-13 01:00:00	0.23	10.35	18.92	83.84	88.64
27-Dec-13 02:00:00	27-Dec-13 03:00:00	0.00	0.07	0.00	0.00	5.95	2.1	329.7	0.00	0.02	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	27-Dec-13 02:00:00	0.23	10.37	18.92	83.84	88.64
27-Dec-13 03:00:00	27-Dec-13 04:00:00	0.00	0.42	0.00	0.00	5.98	2.1	329.7	0.00	0.14	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	27-Dec-13 03:00:00	0.23	10.49	18.92	83.84	88.65
27-Dec-13 04:00:00	27-Dec-13 05:00:00	0.00	0.81	0.00	0.00	6.01	2.1	329.7	0.00	0.27	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	27-Dec-13 04:00:00	0.23	10.62	18.92	83.84	88.66
27-Dec-13 05:00:00	27-Dec-13 06:00:00	0.00	4.39	0.00	0.00	6.04	2.1	329.7	0.00	1.45	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	27-Dec-13 05:00:00	0.23	11.80	18.92	83.84	88.67
27-Dec-13 06:00:00	27-Dec-13 07:00:00	0.00	12.77	0.00	0.00	5.89	2.1	329.7	0.00	4.21	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	27-Dec-13 06:00:00	0.23	14.56	18.92	83.84	88.62
27-Dec-13 07:00:00	27-Dec-13 08:00:00	0.00	10.95	0.00	0.00	5.93	2.1	329.7	0.00	3.61	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	27-Dec-13 07:00:00	0.23	13.96	18.92	83.84	88.63
27-Dec-13 08:00:00	27-Dec-13 09:00:00	0.00	36.38	0.00	0.00	5.96	2.1	329.7	0.00	12.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	27-Dec-13 08:00:00	0.23	22.25	18.92	83.84	88.65
27-Dec-13 09:00:00	27-Dec-13 10:00:00	0.00	35.76	0.00	0.00	6.00	2.1	329.7	0.00	11.79	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	27-Dec-13 09:00:00	0.23	22.14	18.92	83.84	88.66
27-Dec-13 10:00:00	27-Dec-13 11:00:00	0.00	34.02	0.00	0.00	5.88	2.1	329.7	0.00	11.22	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	27-Dec-13 10:00:00	0.23	21.57	18.92	83.84	88.62
27-Dec-13 11:00:00	27-Dec-13 12:00:00	0.00	19.12	0.00	0.00	5.56	2.1	329.7	0.00	6.30	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	27-Dec-13 11:00:00	0.23	16.65	18.92	83.84	88.51
27-Dec-13 12:00:00	27-Dec-13 13:00:00	0.00	0.86	0.00	0.00	5.23	2.1	329.7	0.00	0.28	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	27-Dec-13 12:00:00	0.23	10.63	18.92	83.84	88.41
27-Dec-13 13:00:00	27-Dec-13 14:00:00	0.00	0.08	0.00	0.00	4.91	2.1	329.7	0.00	0.03	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	27-Dec-13 13:00:00	0.23	10.38	18.92	83.84	88.30
27-Dec-13 14:00:00	27-Dec-13 15:00:00	0.00	2.22	0.00	0.00	4.84	2.1	329.7	0.00	0.73	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	27-Dec-13 14:00:00	0.23	11.08	18.92	83.84	88.27
27-Dec-13 15:00:00	27-Dec-13 16:00:00	0.00	0.98	0.00	0.00	4.80	2.1	329.7	0.00	0.32	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	27-Dec-13 15:00:00	0.23	10.67	18.92	83.84	88.26
27-Dec-13 16:00:00	27-Dec-13 17:00:00	0.00	2.42	0.00	0.00	4.77	2.1	329.7	0.00	0.80	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	27-Dec-13 16:00:00	0.23	11.15	18.92	83.84	88.25
27-Dec-13 17:00:00	27-Dec-13 18:00:00	0.00	2.68	0.00	0.00	4.73	2.1	329.7	0.00	0.88	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	27-Dec-13 17:00:00	0.23	11.23	18.92	83.84	88.24
27-Dec-13 18:00:00	27-Dec-13 19:00:00	0.00	1.29	0.00	0.00	4.87	2.1	329.7	0.00	0.42	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	27-Dec-13 18:00:00	0.23	10.77	18.92	83.84	88.29
27-Dec-13 19:00:00	27-Dec-13 20:00:00	0.46	0.80	0.00	0.00	5.25	2.1	329.7	0.15	0.26	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	27-Dec-13 19:00:00	0.38	10.61	18.92	83.84	88.41
27-Dec-13 20:00:00	27-Dec-13 21:00:00	0.00	0.52	0.00	0.00	5.62	2.1	329.7	0.00	0.10	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	27-Dec-13 20:00:00	0.23	10.45	18.92	83.84	88.53
27-Dec-13 21:00:00	27-Dec-13 22:00:00	0.07	12.15	0.00	0.00	5.99	2.1	329.7	0.02	4.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	27-Dec-13 21:00:00	0.25	14.36	18.92	83.84	88.66
27-Dec-13 22:00:00	27-Dec-13 23:00:00	0.00	12.41	0.00	0.00	6.23	2.1	329.7	0.00	4.09	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	27-Dec-13 22:00:00	0.23	14.44	18.92	83.84	88.72
27-Dec-13 23:00:00	28-Dec-13 00:00:00	0.00	21.30	0.00	0.00	6.23	2.1	329.7	0.00	7.02	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Dec-13 23:00:00	0.23	17.37	18.92	83.84	88.73
28-Dec-13 00:00:00	28-Dec-13 01:00:00	0.00	9.12	0.00	0.00	6.27	2.1	329.7	0.00	3.01	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Dec-13 00:00:00	0.23	13.36	18.92	83.84	88.75
28-Dec-13 01:00:00	28-Dec-13 02:00:00	0.09	4.37	0.00	0.00	6.30	2.1	329.7	0.03	1.44	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	28-Dec-13 01:00:00	0.26	11.79	18.92	83.84	88.76
28-Dec-13 02:00:00	28-Dec-13 03:00:00	0.00	15.48	0.00	0.00	6.27	2.1	329.7	0.00	5.10	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Dec-13 02:00:00	0.23	15.45	18.92	83.84	88.75
28-Dec-13 03:00:00	28-Dec-13 04:00:00	0.00	18.40	0.00	0.00	6.35	2.1	329.7	0.00	6.07	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Dec-13 03:00:00	0.23	16.42	18.92	83.84	88.77
28-Dec-13 04:00:00	28-Dec-13 05:00:00	0.00	9.10	0.00	0.00	6.43	2.1	329.7	0.00	3.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	28-Dec-13 04:00:00	0.23	13.35	18.92	83.84	88.80
28-Dec-13 05:00:00	28-Dec-13 06:00:00	0.00	4.00	0.00	0.00	6.52	2.1	329.7	0.00	1.32	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	28-Dec-13 05:00:00	0.23	11.67	18.92	83.84	88.83
28-Dec-13 06:00:00	28-Dec-13 07:00:00	0.00	1.14	0.00	0.00	6.43	2.1	329.7	0.00	0.37	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	28-Dec-13 06:00:00	0.23	10.72	18.92	83.84	88.80
28-Dec-13 07:00:00	28-Dec-13 08:00:00	0.03	2.98	0.00	0.00	6.34	2.1	329.7	0.01	0.98	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Dec-13 07:00:00	0.24	11.33	18.92	83.84	88.77
28-Dec-13 08:00:00	28-Dec-13 09:00:00	0.00	2.04	0.00	0.00	6.26	2.1	329.7	0.00	0.67	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	28-Dec-13 08:00:00	0.23	11.02	18.92	83.84	88.74
28-Dec-13 09:00:00	28-Dec-13 10:00:00	0.00	1.83	0.00	0.00	6.17	2.1	329.7	0.00	0.60	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	28-Dec-13 09:00:00	0.23	10.95	18.92	83.84	88.72
28-Dec-13 10:00:00	28-Dec-13 11:00:00	0.00	3.97	0.00	0.00	6.00	2.1	329.7	0.00	1.31	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	28-Dec-13 10:00:00	0.23	11.66	18.92	83.84	88.66
28-Dec-13 11:00:00	28-Dec-13 12:00:00	0.00	11.00	0.00	0.00	5.58	2.1	329.7	0.00	3.63	0.00	0.00												

30-Dec-13 10:00:00	30-Dec-13 11:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	30-Dec-13 10:00:00	0.23	10.35	18.92	83.84	88.53
30-Dec-13 11:00:00	30-Dec-13 12:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	30-Dec-13 11:00:00	0.23	10.35	18.92	83.84	88.47
30-Dec-13 12:00:00	30-Dec-13 13:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	30-Dec-13 12:00:00	0.23	10.35	18.92	83.84	88.40
30-Dec-13 13:00:00	30-Dec-13 14:00:00	0.00	11.65	0.00	0.00	5.03	2.1	329.7	0.00	3.84	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	30-Dec-13 13:00:00	0.23	14.19	18.92	83.84	88.34
30-Dec-13 14:00:00	30-Dec-13 15:00:00	0.00	4.92	0.00	0.00	4.88	2.1	329.7	0.00	1.62	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	30-Dec-13 14:00:00	0.23	11.97	18.92	83.84	88.29
30-Dec-13 15:00:00	30-Dec-13 16:00:00	0.00	3.38	0.00	0.00	4.79	2.1	329.7	0.00	1.11	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	30-Dec-13 15:00:00	0.23	11.46	18.92	83.84	88.26
30-Dec-13 16:00:00	30-Dec-13 17:00:00	0.00	0.20	0.00	0.00	4.70	2.1	329.7	0.00	0.07	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	30-Dec-13 16:00:00	0.23	10.42	18.92	83.84	88.23
30-Dec-13 17:00:00	30-Dec-13 18:00:00	0.00	0.10	0.00	0.00	4.61	2.1	329.7	0.00	0.03	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	30-Dec-13 17:00:00	0.23	10.38	18.92	83.84	88.20
30-Dec-13 18:00:00	30-Dec-13 19:00:00	0.00	0.07	0.00	0.00	4.56	2.1	329.7	0.00	0.02	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	30-Dec-13 18:00:00	0.23	10.37	18.92	83.84	88.18
30-Dec-13 19:00:00	30-Dec-13 20:00:00	0.00	0.04	0.00	0.00	4.68	2.1	329.7	0.00	0.01	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	30-Dec-13 19:00:00	0.23	10.36	18.92	83.84	88.22
30-Dec-13 20:00:00	30-Dec-13 21:00:00	0.00	0.01	0.00	0.00	4.83	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	30-Dec-13 20:00:00	0.23	10.35	18.92	83.84	88.27
30-Dec-13 21:00:00	30-Dec-13 22:00:00	0.00	0.00	0.00	0.00	4.97	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	30-Dec-13 21:00:00	0.23	10.35	18.92	83.84	88.32
30-Dec-13 22:00:00	30-Dec-13 23:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	30-Dec-13 22:00:00	0.23	10.35	18.92	83.84	88.37
30-Dec-13 23:00:00	31-Dec-13 00:00:00	0.00	0.00	0.00	0.00	5.26	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	30-Dec-13 23:00:00	0.23	10.35	18.92	83.84	88.41
31-Dec-13 00:00:00	31-Dec-13 01:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	31-Dec-13 00:00:00	0.23	10.35	18.92	83.84	88.46
31-Dec-13 01:00:00	31-Dec-13 02:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	31-Dec-13 01:00:00	0.23	10.35	18.92	83.84	88.50
31-Dec-13 02:00:00	31-Dec-13 03:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	31-Dec-13 02:00:00	0.23	10.35	18.92	83.84	88.54
31-Dec-13 03:00:00	31-Dec-13 04:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	31-Dec-13 03:00:00	0.23	10.35	18.92	83.84	88.53
31-Dec-13 04:00:00	31-Dec-13 05:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	31-Dec-13 04:00:00	0.23	10.35	18.92	83.84	88.51
31-Dec-13 05:00:00	31-Dec-13 06:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	31-Dec-13 05:00:00	0.23	10.35	18.92	83.84	88.50
31-Dec-13 06:00:00	31-Dec-13 07:00:00	0.00	15.90	0.00	0.00	5.59	2.1	329.7	0.00	5.24	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	31-Dec-13 06:00:00	0.23	15.59	18.92	83.84	88.52
31-Dec-13 07:00:00	31-Dec-13 08:00:00	0.00	9.85	0.00	0.00	5.64	2.1	329.7	0.00	3.25	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	31-Dec-13 07:00:00	0.23	13.60	18.92	83.84	88.54
31-Dec-13 08:00:00	31-Dec-13 09:00:00	0.00	1.95	0.00	0.00	5.62	2.1	329.7	0.00	0.64	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	31-Dec-13 08:00:00	0.23	10.99	18.92	83.84	88.53
31-Dec-13 09:00:00	31-Dec-13 10:00:00	0.00	1.36	0.00	0.00	5.59	2.1	329.7	0.00	0.45	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	31-Dec-13 09:00:00	0.23	10.80	18.92	83.84	88.52
31-Dec-13 10:00:00	31-Dec-13 11:00:00	0.00	0.78	0.00	0.00	5.62	2.1	329.7	0.00	0.26	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	31-Dec-13 10:00:00	0.23	10.61	18.92	83.84	88.53
31-Dec-13 11:00:00	31-Dec-13 12:00:00	0.00	0.20	0.00	0.00	5.62	2.1	329.7	0.00	0.06	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	31-Dec-13 11:00:00	0.23	10.41	18.92	83.84	88.53
31-Dec-13 12:00:00	31-Dec-13 13:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	31-Dec-13 12:00:00	0.23	10.35	18.92	83.84	88.53
31-Dec-13 13:00:00	31-Dec-13 14:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	31-Dec-13 13:00:00	0.23	10.35	18.92	83.84	88.52
31-Dec-13 14:00:00	31-Dec-13 15:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	31-Dec-13 14:00:00	0.23	10.35	18.92	83.84	88.50
31-Dec-13 15:00:00	31-Dec-13 16:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	31-Dec-13 15:00:00	0.23	10.35	18.92	83.84	88.48
31-Dec-13 16:00:00	31-Dec-13 17:00:00	0.00	0.00	0.00	0.00	5.44	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	31-Dec-13 16:00:00	0.23	10.35	18.92	83.84	88.47
31-Dec-13 17:00:00	31-Dec-13 18:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	31-Dec-13 17:00:00	0.23	10.35	18.92	83.84	88.46
31-Dec-13 18:00:00	31-Dec-13 19:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	31-Dec-13 18:00:00	0.23	10.35	18.92	83.84	88.49
31-Dec-13 19:00:00	31-Dec-13 20:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	31-Dec-13 19:00:00	0.23	10.35	18.92	83.84	88.51
31-Dec-13 20:00:00	31-Dec-13 21:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	31-Dec-13 20:00:00	0.23	10.35	18.92	83.84	88.53
31-Dec-13 21:00:00	31-Dec-13 22:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	31-Dec-13 21:00:00	0.23	10.35	18.92	83.84	88.54
31-Dec-13 22:00:00	31-Dec-13 23:00:00	0.34	0.00	0.00	0.00	5.68	2.1	329.7	0.11	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	31-Dec-13 22:00:00	0.34	10.35	18.92	83.84	88.55
31-Dec-13 23:00:00	01-Jan-14 00:00:00	0.00	0.01	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	31-Dec-13 23:00:00	0.23	10.35	18.92	83.84	88.59

APPENDIX E

Resolute Catawba 2014 Hourly Emission Calculations

2014 HOURLY SO₂ EMISSIONS - BOILERS AND FURNACES - RESOLUTE CATAWBA, SC

		ACTUAL No. 6 FUEL OIL USAGE (gallons/hour)					ACTUAL No. 6 FUEL OIL SO ₂ EMISSIONS (lb/hr)					MAXIMUM SO ₂ EMISSIONS FROM ALL OTHER FUELS (lb/hr)					TOTAL HOURLY MODELED SO ₂ EMISSIONS (lb/hr)													
		RB1 / Swing / Power Boiler		RB2			RB3			Maximum Sulfur Content		AP-42 Emission Factor		RB1 / Swing / Power Boiler		RB2			RB3			RB1 / Swing / Power Boiler		RB2		RB3				
		PI Tag 25FY127.pv	PI Tag 25FY304.pv	PI Tag 51FY304.PV	PI Tag 26FC143.pv	PI Tag 37FC280.pv	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	#6 Fuel Oil	Natural Gas	Black Liquor	Black Liquor + Natural Gas	Biomass + TDF + Natural Gas	Biomass + TDF + Natural Gas	FUTS8	FUTRF2	FUTRF3	FUTC81	FUTC82	FUTS8	FUTRF2	FUTRF3	FUTC81	FUTC82		
Start Time	End Time	gal/hr	gal/hr	gal/hr	gal/hr	gal/hr	percent	lb/10 ³ gal	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	
01-Jan-14 00:00:00	01-Jan-14 01:00:00	0.00	0.52	0.00	0.00	5.95	2.1	329.7	0.00	0.17	0.00	0.00	1.96	0.23	0.35	18.92	83.84	86.68	01-Jan-14 00:00:00	0.23	10.52	18.92	83.84	86.68	01-Jan-14 00:00:00	0.23	10.52	18.92	83.84	86.68
01-Jan-14 01:00:00	01-Jan-14 02:00:00	0.00	1.29	0.00	0.00	6.09	2.1	329.7	0.00	0.43	0.00	0.00	2.01	0.23	0.35	18.92	83.84	86.68	01-Jan-14 01:00:00	0.23	10.78	18.92	83.84	86.68	01-Jan-14 01:00:00	0.23	10.78	18.92	83.84	86.68
01-Jan-14 02:00:00	01-Jan-14 03:00:00	0.00	1.90	0.00	0.00	6.20	2.1	329.7	0.00	0.63	0.00	0.00	2.04	0.23	0.35	18.92	83.84	86.68	01-Jan-14 02:00:00	0.23	10.98	18.92	83.84	86.68	01-Jan-14 02:00:00	0.23	10.98	18.92	83.84	86.68
01-Jan-14 03:00:00	01-Jan-14 04:00:00	0.00	0.90	0.00	0.00	6.21	2.1	329.7	0.00	0.30	0.00	0.00	2.05	0.23	0.35	18.92	83.84	86.68	01-Jan-14 03:00:00	0.23	10.65	18.92	83.84	86.68	01-Jan-14 03:00:00	0.23	10.65	18.92	83.84	86.68
01-Jan-14 04:00:00	01-Jan-14 05:00:00	0.00	0.62	0.00	0.00	6.21	2.1	329.7	0.00	0.21	0.00	0.00	2.05	0.23	0.35	18.92	83.84	86.68	01-Jan-14 04:00:00	0.23	10.56	18.92	83.84	86.68	01-Jan-14 04:00:00	0.23	10.56	18.92	83.84	86.68
01-Jan-14 05:00:00	01-Jan-14 06:00:00	0.00	0.35	0.00	0.00	6.21	2.1	329.7	0.00	0.12	0.00	0.00	2.05	0.23	0.35	18.92	83.84	86.68	01-Jan-14 05:00:00	0.23	10.47	18.92	83.84	86.68	01-Jan-14 05:00:00	0.23	10.47	18.92	83.84	86.68
01-Jan-14 06:00:00	01-Jan-14 07:00:00	0.00	0.10	0.00	0.00	6.21	2.1	329.7	0.00	0.03	0.00	0.00	2.05	0.23	0.35	18.92	83.84	86.68	01-Jan-14 06:00:00	0.23	10.38	18.92	83.84	86.68	01-Jan-14 06:00:00	0.23	10.38	18.92	83.84	86.68
01-Jan-14 07:00:00	01-Jan-14 08:00:00	0.00	0.53	0.00	0.00	6.18	2.1	329.7	0.00	0.17	0.00	0.00	2.04	0.23	0.35	18.92	83.84	86.68	01-Jan-14 07:00:00	0.23	10.52	18.92	83.84	86.68	01-Jan-14 07:00:00	0.23	10.52	18.92	83.84	86.68
01-Jan-14 08:00:00	01-Jan-14 09:00:00	0.00	1.29	0.00	0.00	6.14	2.1	329.7	0.00	0.42	0.00	0.00	2.02	0.23	0.35	18.92	83.84	86.68	01-Jan-14 08:00:00	0.23	10.77	18.92	83.84	86.68	01-Jan-14 08:00:00	0.23	10.77	18.92	83.84	86.68
01-Jan-14 09:00:00	01-Jan-14 10:00:00	0.00	2.05	0.00	0.00	6.10	2.1	329.7	0.00	0.68	0.00	0.00	2.01	0.23	0.35	18.92	83.84	86.68	01-Jan-14 09:00:00	0.23	11.03	18.92	83.84	86.68	01-Jan-14 09:00:00	0.23	11.03	18.92	83.84	86.68
01-Jan-14 10:00:00	01-Jan-14 11:00:00	0.00	2.49	0.00	0.00	5.99	2.1	329.7	0.00	0.82	0.00	0.00	1.98	0.23	0.35	18.92	83.84	86.68	01-Jan-14 10:00:00	0.23	11.17	18.92	83.84	86.68	01-Jan-14 10:00:00	0.23	11.17	18.92	83.84	86.68
01-Jan-14 11:00:00	01-Jan-14 12:00:00	0.00	0.64	0.00	0.00	5.70	2.1	329.7	0.00	0.21	0.00	0.00	1.88	0.23	0.35	18.92	83.84	86.68	01-Jan-14 11:00:00	0.23	10.56	18.92	83.84	86.68	01-Jan-14 11:00:00	0.23	10.56	18.92	83.84	86.68
01-Jan-14 12:00:00	01-Jan-14 13:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	0.35	18.92	83.84	86.68	01-Jan-14 12:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 12:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 13:00:00	01-Jan-14 14:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	0.35	18.92	83.84	86.68	01-Jan-14 13:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 13:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 14:00:00	01-Jan-14 15:00:00	0.23	0.00	0.00	0.00	4.87	2.1	329.7	0.07	0.00	0.00	0.00	1.61	0.23	0.35	18.92	83.84	86.68	01-Jan-14 14:00:00	0.30	10.35	18.92	83.84	86.68	01-Jan-14 14:00:00	0.30	10.35	18.92	83.84	86.68
01-Jan-14 15:00:00	01-Jan-14 16:00:00	0.54	0.00	0.00	0.00	4.90	2.1	329.7	0.18	0.00	0.00	0.00	1.61	0.23	0.35	18.92	83.84	86.68	01-Jan-14 15:00:00	0.41	10.35	18.92	83.84	86.68	01-Jan-14 15:00:00	0.41	10.35	18.92	83.84	86.68
01-Jan-14 16:00:00	01-Jan-14 17:00:00	0.00	0.00	0.00	0.00	4.96	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	0.35	18.92	83.84	86.68	01-Jan-14 16:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 16:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 17:00:00	01-Jan-14 18:00:00	0.00	0.00	0.00	0.00	5.02	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	0.35	18.92	83.84	86.68	01-Jan-14 17:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 17:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 18:00:00	01-Jan-14 19:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	0.35	18.92	83.84	86.68	01-Jan-14 18:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 18:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 19:00:00	01-Jan-14 20:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	0.35	18.92	83.84	86.68	01-Jan-14 19:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 19:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 20:00:00	01-Jan-14 21:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	0.35	18.92	83.84	86.68	01-Jan-14 20:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 20:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 21:00:00	01-Jan-14 22:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	0.35	18.92	83.84	86.68	01-Jan-14 21:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 21:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 22:00:00	01-Jan-14 23:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	0.35	18.92	83.84	86.68	01-Jan-14 22:00:00	0.23	10.35	18.92	83.84	86.68	01-Jan-14 22:00:00	0.23	10.35	18.92	83.84	86.68
01-Jan-14 23:00:00	02-Jan-14 00:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	0.35	18.92	83.84	86.68	01-Jan-14 23:00:00	0.23	10.35	18.92	83.84	86.68	02-Jan-14 00:00:00	0.23	10.35	18.92	83.84	86.68
02-Jan-14 00:00:00	02-Jan-14 01:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	0.35	18.92	83.84	86.68	02-Jan-14 00:00:00	0.23	10.35	18.92	83.84	86.68	02-Jan-14 01:00:00	0.23	10.35	18.92	83.84	86.68
02-Jan-14 01:00:00	02-Jan-14 02:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	0.35	18.92	83.84	86.68	02-Jan-14 01:00:00	0.23	10.35	18.92	83.84	86.68	02-Jan-14 02:00:00	0.23	10.35	18.92	83.84	86.68
02-Jan-14 02:00:00	02-Jan-14 03:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	0.35	18.92	83.84	86.68	02-Jan-14 02:00:00	0.23	10.35	18.92	83.84	86.68	02-Jan-14 03:00:00	0.23	10.35	18.92	83.84	86.68
02-Jan-14 03:00:00	02-Jan-14 04:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	0.35	18.92	83.84	86.68	02-Jan-14 03:00:00	0.23	10.35	18.92	83.84	86.68	02-Jan-14 04:00:00	0.23	10.35	18.92	83.84	86.68
02-Jan-14 04:00:00	02-Jan-14 05:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	0.35	18.92	83.84	86.68	02-Jan-14 04:00:00	0.23	10.35	18.92	83.84	86.68	02-Jan-14 05:00:00	0.23	10.35	18.92	83.84	86.68
02-Jan-14 05:00:00	02-Jan-14 06:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	0.35	18.92	83.84	86.68	02-Jan-14 05:00:00	0.23	10.35	18.92	83.84	86.68	02-Jan-14 06:00:00	0.23	10.35	18.92	83.84	86.68
02-Jan-14 06:00:00	02-Jan-14 07:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7																						

04-Jan-14 05:00:00	04-Jan-14 06:00:00	0.00	10.57	0.00	231.95	518.86	2.1	329.7	0.00	3.49	0.00	76.47	171.07	0.23	10.35	18.92	83.84	86.68	04-Jan-14 05:00:00	0.23	13.84	18.92	160.31	257.75
04-Jan-14 06:00:00	04-Jan-14 07:00:00	0.00	15.33	0.00	266.88	546.18	2.1	329.7	0.00	5.06	0.00	87.99	180.08	0.23	10.35	18.92	83.84	86.68	04-Jan-14 06:00:00	0.23	15.41	18.92	171.83	266.76
04-Jan-14 07:00:00	04-Jan-14 08:00:00	0.00	14.56	0.00	198.14	462.56	2.1	329.7	0.00	4.80	0.00	65.33	152.51	0.23	10.35	18.92	83.84	86.68	04-Jan-14 07:00:00	0.23	15.15	18.92	149.17	239.19
04-Jan-14 08:00:00	04-Jan-14 09:00:00	0.00	8.01	0.00	204.93	368.33	2.1	329.7	0.00	2.64	0.00	67.56	121.44	0.23	10.35	18.92	83.84	86.68	04-Jan-14 08:00:00	0.23	12.99	18.92	151.40	208.12
04-Jan-14 09:00:00	04-Jan-14 10:00:00	0.00	7.54	0.00	228.77	349.38	2.1	329.7	0.00	2.49	0.00	75.42	115.19	0.23	10.35	18.92	83.84	86.68	04-Jan-14 09:00:00	0.23	12.84	18.92	159.26	201.87
04-Jan-14 10:00:00	04-Jan-14 11:00:00	0.00	8.79	0.00	193.16	329.31	2.1	329.7	0.00	2.90	0.00	63.68	108.57	0.23	10.35	18.92	83.84	86.68	04-Jan-14 10:00:00	0.23	13.25	18.92	147.52	195.25
04-Jan-14 11:00:00	04-Jan-14 12:00:00	0.00	7.83	0.00	190.57	309.30	2.1	329.7	0.00	2.58	0.00	62.83	101.98	0.23	10.35	18.92	83.84	86.68	04-Jan-14 11:00:00	0.23	12.83	18.92	146.67	188.45
04-Jan-14 12:00:00	04-Jan-14 13:00:00	0.00	10.71	0.00	194.47	308.92	2.1	329.7	0.00	3.53	0.00	64.12	101.85	0.23	10.35	18.92	83.84	86.68	04-Jan-14 12:00:00	0.23	13.88	18.92	147.96	188.53
04-Jan-14 13:00:00	04-Jan-14 14:00:00	0.00	7.97	0.00	179.80	345.97	2.1	329.7	0.00	2.63	0.00	59.28	114.07	0.23	10.35	18.92	83.84	86.68	04-Jan-14 13:00:00	0.23	12.98	18.92	143.12	200.75
04-Jan-14 14:00:00	04-Jan-14 15:00:00	0.00	3.37	0.00	164.85	378.95	2.1	329.7	0.00	1.11	0.00	54.35	124.94	0.23	10.35	18.92	83.84	86.68	04-Jan-14 14:00:00	0.23	11.46	18.92	138.19	211.62
04-Jan-14 15:00:00	04-Jan-14 16:00:00	0.00	3.54	0.00	149.50	497.19	2.1	329.7	0.00	1.17	0.00	49.29	163.92	0.23	10.35	18.92	83.84	86.68	04-Jan-14 15:00:00	0.23	11.52	18.92	133.13	250.60
04-Jan-14 16:00:00	04-Jan-14 17:00:00	0.00	1.68	0.00	185.78	575.54	2.1	329.7	0.00	0.55	0.00	61.25	189.75	0.23	10.35	18.92	83.84	86.68	04-Jan-14 16:00:00	0.23	10.90	18.92	140.59	276.43
04-Jan-14 17:00:00	04-Jan-14 18:00:00	0.00	3.31	0.00	182.62	534.23	2.1	329.7	0.00	1.09	0.00	60.21	176.13	0.23	10.35	18.92	83.84	86.68	04-Jan-14 17:00:00	0.23	11.44	18.92	144.05	262.81
04-Jan-14 18:00:00	04-Jan-14 19:00:00	0.00	66.82	0.00	151.54	544.26	2.1	329.7	0.00	22.03	0.00	49.96	179.44	0.23	10.35	18.92	83.84	86.68	04-Jan-14 18:00:00	0.23	32.38	18.92	133.80	266.12
04-Jan-14 19:00:00	04-Jan-14 20:00:00	0.00	430.70	0.00	172.28	565.04	2.1	329.7	0.00	142.00	0.00	56.80	186.29	0.23	10.35	18.92	83.84	86.68	04-Jan-14 19:00:00	0.23	152.35	18.92	140.64	272.97
04-Jan-14 20:00:00	04-Jan-14 21:00:00	0.00	644.79	0.00	167.38	701.66	2.1	329.7	0.00	212.59	0.00	55.18	231.24	0.23	10.35	18.92	83.84	86.68	04-Jan-14 20:00:00	0.23	222.94	18.92	139.02	318.02
04-Jan-14 21:00:00	04-Jan-14 22:00:00	0.00	714.48	0.00	164.55	568.68	2.1	329.7	0.00	235.56	0.00	54.25	187.49	0.23	10.35	18.92	83.84	86.68	04-Jan-14 21:00:00	0.23	245.91	18.92	138.09	274.17
04-Jan-14 22:00:00	04-Jan-14 23:00:00	0.00	727.70	0.00	172.80	570.13	2.1	329.7	0.00	238.61	0.00	56.97	187.97	0.23	10.35	18.92	83.84	86.68	04-Jan-14 22:00:00	0.23	248.96	18.92	140.81	274.65
04-Jan-14 23:00:00	05-Jan-14 00:00:00	0.00	755.19	0.00	215.57	671.00	2.1	329.7	0.00	248.99	0.00	71.07	221.23	0.23	10.35	18.92	83.84	86.68	04-Jan-14 23:00:00	0.23	259.34	18.92	154.91	307.91
05-Jan-14 00:00:00	05-Jan-14 01:00:00	0.00	769.24	0.00	206.13	672.05	2.1	329.7	0.00	252.62	0.00	67.96	221.58	0.23	10.35	18.92	83.84	86.68	05-Jan-14 00:00:00	0.23	263.97	18.92	151.80	308.26
05-Jan-14 01:00:00	05-Jan-14 02:00:00	0.00	763.39	0.00	191.11	588.91	2.1	329.7	0.00	251.69	0.00	63.01	194.16	0.23	10.35	18.92	83.84	86.68	05-Jan-14 01:00:00	0.23	262.04	18.92	146.85	280.84
05-Jan-14 02:00:00	05-Jan-14 03:00:00	0.00	783.80	0.00	196.64	598.00	2.1	329.7	0.00	258.42	0.00	64.83	197.16	0.23	10.35	18.92	83.84	86.68	05-Jan-14 02:00:00	0.23	267.77	18.92	148.67	283.84
05-Jan-14 03:00:00	05-Jan-14 04:00:00	212.17	805.75	0.00	182.99	600.62	2.1	329.7	69.95	265.66	0.00	60.33	198.02	0.23	10.35	18.92	83.84	86.68	05-Jan-14 03:00:00	70.18	276.01	18.92	144.17	284.70
05-Jan-14 04:00:00	05-Jan-14 05:00:00	544.87	809.88	0.00	180.40	553.30	2.1	329.7	179.64	267.02	0.00	59.48	182.42	0.23	10.35	18.92	83.84	86.68	05-Jan-14 04:00:00	179.87	277.37	18.92	143.32	269.10
05-Jan-14 05:00:00	05-Jan-14 06:00:00	612.38	818.02	0.00	193.32	545.81	2.1	329.7	201.60	269.70	0.00	64.40	179.95	0.23	10.35	18.92	83.84	86.68	05-Jan-14 05:00:00	202.13	280.05	18.92	148.24	266.63
05-Jan-14 06:00:00	05-Jan-14 07:00:00	1,062.44	737.51	0.00	218.91	319.64	2.1	329.7	350.29	243.16	0.00	72.18	105.38	0.23	10.35	18.92	83.84	86.68	05-Jan-14 06:00:00	350.52	253.51	18.92	156.02	192.06
05-Jan-14 07:00:00	05-Jan-14 08:00:00	1,007.87	576.01	0.00	94.93	267.24	2.1	329.7	332.30	189.91	0.00	31.30	88.11	0.23	10.35	18.92	83.84	86.68	05-Jan-14 07:00:00	332.53	200.26	18.92	115.14	174.79
05-Jan-14 08:00:00	05-Jan-14 09:00:00	963.38	542.49	0.00	0.00	266.42	2.1	329.7	317.63	178.86	0.00	0.00	87.84	0.23	10.35	18.92	83.84	86.68	05-Jan-14 08:00:00	317.86	189.21	18.92	83.84	174.52
05-Jan-14 09:00:00	05-Jan-14 10:00:00	966.20	533.99	0.00	0.00	264.91	2.1	329.7	318.56	176.06	0.00	0.00	87.34	0.23	10.35	18.92	83.84	86.68	05-Jan-14 09:00:00	318.79	186.41	18.92	83.84	174.02
05-Jan-14 10:00:00	05-Jan-14 11:00:00	967.40	427.92	0.00	0.00	262.02	2.1	329.7	318.95	141.09	0.00	0.00	86.39	0.23	10.35	18.92	83.84	86.68	05-Jan-14 10:00:00	319.18	151.44	18.92	83.84	173.07
05-Jan-14 11:00:00	05-Jan-14 12:00:00	967.22	280.02	0.00	0.00	255.74	2.1	329.7	318.89	92.32	0.00	0.00	84.32	0.23	10.35	18.92	83.84	86.68	05-Jan-14 11:00:00	319.12	102.67	18.92	83.84	171.00
05-Jan-14 12:00:00	05-Jan-14 13:00:00	964.58	274.12	0.00	0.00	354.03	2.1	329.7	344.40	90.38	0.00	274.32	116.98	0.23	10.35	18.92	83.84	86.68	05-Jan-14 12:00:00	344.63	100.73	18.92	83.84	205.66
05-Jan-14 13:00:00	05-Jan-14 14:00:00	52.56	255.59	0.00	0.00	361.29	2.1	329.7	17.33	84.27	0.00	0.00	119.12	0.23	10.35	18.92	83.84	86.68	05-Jan-14 13:00:00	17.56	94.42	18.92	83.84	205.80
05-Jan-14 14:00:00	05-Jan-14 15:00:00	0.36	257.46	0.00	0.00	274.46	2.1	329.7	0.12	84.89	0.00	0.00	90.49	0.23	10.35	18.92	83.84	86.68	05-Jan-14 14:00:00	0.35	95.24	18.92	83.84	177.17
05-Jan-14 15:00:00	05-Jan-14 16:00:00	0.00	290.96	0.00	0.00	268.41	2.1	329.7	0.00	95.93	0.00	0.00	88.49	0.23	10.35	18.92	83.84	86.68	05-Jan-14 15:00:00	0.23	106.28	18.92	83.84	175.17
05-Jan-14 16:00:00	05-Jan-14 17:00:00	0.00	281.47	0.00	0.00	268.78	2.1	329.7	0.00	92.80	0.00	0.00	88.62	0.23	10.35	18.92	83.84	86.68	05-Jan-14 16:00:00	0.23	103.15	18.92	83.84	175.30
05-Jan-14 17:00:00	05-Jan-14 18:00:00	0.00	269.40	0.00	0.00	654.23	2.1	329.7	0.00	88.82	0.00	0.00	215.70	0.23	10.35	18.92	83.84	86.68	05-Jan-14 17:00:00	0.23	99.17	18.92	83.84	302.38
05-Jan-14 18:00:00	05-Jan-14 19:00:00	0.00	263.95	0.00	0.00	797.56	2.1	329.7	0.00	87.02	0.00	0.00	262.96	0.23	10.35	18.92	83.84	86.68	05-Jan-14 18:00:00	0.23	97.37	18.92	83.84	349.64
05-Jan-14 19:00:00	05-Jan-14 20:00:00	0.00	341.17	0.00	0.00	5.15	2.1	329.7	0.00	112.48	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	05-Jan-14 19:00:00	0.23	122.83	18.92	83.84	88.38
05-Jan-14 20:00:00	05-Jan-14 21:00:00	0.00	650.36	0.00	0.00	5.28	2.1	329.7																

08-Jan-14 00:00:00	08-Jan-14 01:00:00	0.00	1,461.20	0.00	132.26	2,351.31	2.1	329.7	0.00	481.76	0.00	43.61	775.23	0.23	10.35	18.92	83.84	86.68	08-Jan-14 00:00:00	0.23	492.11	18.92	127.45	861.91
08-Jan-14 01:00:00	08-Jan-14 02:00:00	0.00	1,429.08	0.00	135.31	2,172.39	2.1	329.7	0.00	471.17	0.00	44.61	716.24	0.23	10.35	18.92	83.84	86.68	08-Jan-14 01:00:00	0.23	481.52	18.92	128.45	802.92
08-Jan-14 02:00:00	08-Jan-14 03:00:00	0.00	1,358.31	0.00	133.18	1,938.05	2.1	329.7	0.00	447.84	0.00	43.91	638.98	0.23	10.35	18.92	83.84	86.68	08-Jan-14 02:00:00	0.23	458.19	18.92	127.75	725.66
08-Jan-14 03:00:00	08-Jan-14 04:00:00	0.00	1,361.34	0.00	116.06	1,757.44	2.1	329.7	0.00	448.83	0.00	38.26	579.43	0.23	10.35	18.92	83.84	86.68	08-Jan-14 03:00:00	0.23	459.18	18.92	122.10	666.11
08-Jan-14 04:00:00	08-Jan-14 05:00:00	0.00	1,354.32	0.00	140.64	1,967.39	2.1	329.7	0.00	446.52	0.00	46.37	648.65	0.23	10.35	18.92	83.84	86.68	08-Jan-14 04:00:00	0.23	456.87	18.92	130.21	735.33
08-Jan-14 05:00:00	08-Jan-14 06:00:00	0.00	1,369.20	0.00	121.81	1,733.29	2.1	329.7	0.00	451.43	0.00	40.16	578.06	0.23	10.35	18.92	83.84	86.68	08-Jan-14 05:00:00	0.23	461.78	18.92	124.00	664.74
08-Jan-14 06:00:00	08-Jan-14 07:00:00	0.00	1,387.26	0.00	117.67	1,665.67	2.1	329.7	0.00	456.56	0.00	38.80	549.77	0.23	10.35	18.92	83.84	86.68	08-Jan-14 06:00:00	0.23	466.91	18.92	132.64	635.85
08-Jan-14 07:00:00	08-Jan-14 08:00:00	0.00	1,376.77	0.00	121.84	1,500.39	2.1	329.7	0.06	453.92	0.00	44.99	494.68	0.23	10.35	18.92	83.84	86.68	08-Jan-14 07:00:00	0.29	464.27	18.92	118.83	581.36
08-Jan-14 08:00:00	08-Jan-14 09:00:00	0.10	1,402.51	0.00	148.34	1,360.80	2.1	329.7	0.03	462.41	0.00	48.91	448.66	0.23	10.35	18.92	83.84	86.68	08-Jan-14 08:00:00	0.26	472.78	18.92	132.75	535.34
08-Jan-14 09:00:00	08-Jan-14 10:00:00	0.00	1,507.53	0.00	131.18	1,606.66	2.1	329.7	0.00	497.03	0.00	43.25	529.71	0.23	10.35	18.92	83.84	86.68	08-Jan-14 09:00:00	0.23	507.38	18.92	127.09	616.39
08-Jan-14 10:00:00	08-Jan-14 11:00:00	0.00	1,273.37	0.00	133.22	1,649.61	2.1	329.7	0.00	419.83	0.00	43.92	543.88	0.23	10.35	18.92	83.84	86.68	08-Jan-14 10:00:00	0.23	430.18	18.92	127.76	630.56
08-Jan-14 11:00:00	08-Jan-14 12:00:00	0.00	1,231.76	0.00	126.54	1,468.81	2.1	329.7	0.00	406.11	0.00	41.72	484.27	0.23	10.35	18.92	83.84	86.68	08-Jan-14 11:00:00	0.23	416.46	18.92	125.56	570.95
08-Jan-14 12:00:00	08-Jan-14 13:00:00	16.26	1,247.08	0.00	104.91	1,417.63	2.1	329.7	5.36	411.16	0.00	34.59	467.39	0.23	10.35	18.92	83.84	86.68	08-Jan-14 12:00:00	5.59	421.51	18.92	118.43	554.07
08-Jan-14 13:00:00	08-Jan-14 14:00:00	469.08	1,427.70	0.00	108.74	1,351.82	2.1	329.7	154.66	470.71	0.00	35.85	445.70	0.23	10.35	18.92	83.84	86.68	08-Jan-14 13:00:00	154.89	481.06	18.92	119.69	532.38
08-Jan-14 14:00:00	08-Jan-14 15:00:00	702.08	1,484.96	0.00	109.64	1,323.78	2.1	329.7	231.48	489.59	0.00	36.15	436.45	0.23	10.35	18.92	83.84	86.68	08-Jan-14 14:00:00	231.71	499.94	18.92	119.99	523.13
08-Jan-14 15:00:00	08-Jan-14 16:00:00	667.75	1,634.74	0.00	97.81	1,370.50	2.1	329.7	220.16	538.97	0.00	32.25	451.85	0.23	10.35	18.92	83.84	86.68	08-Jan-14 15:00:00	220.39	549.32	18.92	116.09	538.53
08-Jan-14 16:00:00	08-Jan-14 17:00:00	671.89	1,694.93	0.00	98.79	1,457.72	2.1	329.7	221.52	558.82	0.00	32.57	480.61	0.23	10.35	18.92	83.84	86.68	08-Jan-14 16:00:00	221.75	569.17	18.92	116.41	567.29
08-Jan-14 17:00:00	08-Jan-14 18:00:00	674.07	1,652.36	0.00	96.84	1,281.21	2.1	329.7	222.24	544.78	0.00	31.93	422.42	0.23	10.35	18.92	83.84	86.68	08-Jan-14 17:00:00	222.47	555.13	18.92	115.77	501.10
08-Jan-14 18:00:00	08-Jan-14 19:00:00	679.78	1,652.93	0.00	65.60	1,289.32	2.1	329.7	224.12	544.97	0.00	21.63	425.09	0.23	10.35	18.92	83.84	86.68	08-Jan-14 18:00:00	224.35	555.32	18.92	105.47	511.77
08-Jan-14 19:00:00	08-Jan-14 20:00:00	673.81	1,637.70	0.00	76.52	1,638.09	2.1	329.7	222.15	539.95	0.00	25.23	540.08	0.23	10.35	18.92	83.84	86.68	08-Jan-14 19:00:00	222.38	550.20	18.92	109.07	626.76
08-Jan-14 20:00:00	08-Jan-14 21:00:00	816.48	1,664.16	0.00	72.69	1,859.56	2.1	329.7	269.19	542.74	0.00	33.97	613.10	0.23	10.35	18.92	83.84	86.68	08-Jan-14 20:00:00	269.42	553.09	18.92	107.81	620.78
08-Jan-14 21:00:00	08-Jan-14 22:00:00	1,413.60	1,691.47	0.00	77.45	2,031.23	2.1	329.7	466.06	557.68	0.00	25.53	669.70	0.23	10.35	18.92	83.84	86.68	08-Jan-14 21:00:00	466.29	568.03	18.92	109.37	756.38
08-Jan-14 22:00:00	08-Jan-14 23:00:00	1,408.31	1,672.91	0.00	102.24	2,096.91	2.1	329.7	464.32	551.56	0.00	33.71	691.35	0.23	10.35	18.92	83.84	86.68	08-Jan-14 22:00:00	464.55	561.91	18.92	115.75	778.03
08-Jan-14 23:00:00	09-Jan-14 00:00:00	1,954.96	1,664.06	0.00	94.01	2,373.44	2.1	329.7	644.55	548.64	0.00	30.99	782.52	0.23	10.35	18.92	83.84	86.68	08-Jan-14 23:00:00	644.78	558.99	18.92	114.83	869.20
09-Jan-14 00:00:00	09-Jan-14 01:00:00	1,793.00	1,689.64	0.00	95.45	2,397.74	2.1	329.7	591.15	557.07	0.00	31.47	795.54	0.23	10.35	18.92	83.84	86.68	09-Jan-14 00:00:00	591.38	567.42	18.92	115.31	877.22
09-Jan-14 01:00:00	09-Jan-14 02:00:00	1,744.66	1,702.77	0.00	105.40	2,024.54	2.1	329.7	575.21	561.40	0.00	34.75	667.49	0.23	10.35	18.92	83.84	86.68	09-Jan-14 01:00:00	575.44	571.75	18.92	118.59	754.17
09-Jan-14 02:00:00	09-Jan-14 03:00:00	1,322.01	1,697.15	0.00	105.83	1,832.34	2.1	329.7	435.87	559.55	0.00	34.89	604.12	0.23	10.35	18.92	83.84	86.68	09-Jan-14 02:00:00	436.10	569.90	18.92	118.73	690.80
09-Jan-14 03:00:00	09-Jan-14 04:00:00	1,244.69	1,665.92	0.00	117.48	1,576.91	2.1	329.7	410.37	549.25	0.00	38.73	519.91	0.23	10.35	18.92	83.84	86.68	09-Jan-14 03:00:00	410.60	559.60	18.92	122.57	606.59
09-Jan-14 04:00:00	09-Jan-14 05:00:00	1,277.36	1,625.71	0.00	105.71	1,428.35	2.1	329.7	421.15	536.00	0.00	34.85	470.93	0.23	10.35	18.92	83.84	86.68	09-Jan-14 04:00:00	421.38	546.35	18.92	118.69	557.61
09-Jan-14 05:00:00	09-Jan-14 06:00:00	1,562.30	1,630.61	0.00	106.62	1,599.12	2.1	329.7	515.09	537.61	0.00	28.56	527.23	0.23	10.35	18.92	83.84	86.68	09-Jan-14 05:00:00	515.32	547.96	18.92	112.40	613.91
09-Jan-14 06:00:00	09-Jan-14 07:00:00	1,589.69	1,643.52	0.00	102.83	1,655.04	2.1	329.7	524.12	541.87	0.00	33.90	545.67	0.23	10.35	18.92	83.84	86.68	09-Jan-14 06:00:00	524.35	552.22	18.92	117.74	632.35
09-Jan-14 07:00:00	09-Jan-14 08:00:00	1,320.66	1,576.61	0.00	36.79	1,522.19	2.1	329.7	435.42	539.74	0.00	12.13	501.86	0.23	10.35	18.92	83.84	86.68	09-Jan-14 07:00:00	435.69	530.09	18.92	100.09	585.24
09-Jan-14 08:00:00	09-Jan-14 09:00:00	1,253.51	1,455.94	0.00	0.00	1,391.39	2.1	329.7	413.28	480.02	0.00	0.00	458.74	0.23	10.35	18.92	83.84	86.68	09-Jan-14 08:00:00	413.51	490.37	18.92	83.84	545.42
09-Jan-14 09:00:00	09-Jan-14 10:00:00	1,218.08	1,320.46	0.00	0.00	1,286.67	2.1	329.7	401.60	435.36	0.00	0.00	424.22	0.23	10.35	18.92	83.84	86.68	09-Jan-14 09:00:00	401.83	445.71	18.92	83.84	510.90
09-Jan-14 10:00:00	09-Jan-14 11:00:00	1,261.49	1,245.90	0.00	0.00	1,263.78	2.1	329.7	415.91	410.77	0.00	0.00	416.67	0.23	10.35	18.92	83.84	86.68	09-Jan-14 10:00:00	416.14	421.12	18.92	83.84	503.35
09-Jan-14 11:00:00	09-Jan-14 12:00:00	1,278.50	1,233.14	0.00	0.00	1,129.20	2.1	329.7	421.52	406.77	0.00	0.00	372.30	0.23	10.35	18.92	83.84	86.68	09-Jan-14 11:00:00	421.75	416.92	18.92	83.84	458.98
09-Jan-14 12:00:00	09-Jan-14 13:00:00	1,277.85	1,254.03	0.00	0.00	1,082.39	2.1	329.7	421.31	413.45	0.00	0.00	356.86	0.23	10.35	18.92	83.84	86.68	09-Jan-14 12:00:00	422.54	423.80	18.92	83.84	443.54
09-Jan-14 13:00:00	09-Jan-14 14:00:00	1,280.87	1,235.98	0.00	0.00	1,110.98	2.1	329.7	422.30	407.50	0.00	0.00	366.29	0.23	10.35	18.92	83.84	86.68	09-Jan-14 13:00:00	422.53	417.85	18.92	83.84	452.97
09-Jan-14 14:00:00	09-Jan-14 15:00:00	1,287.41																						

11-Jan-14 19:00:00	11-Jan-14 20:00:00	1,277.32	0.04	0.00	0.00	4.98	2.1	329.7	421.13	0.01	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	11-Jan-14 19:00:00	421.36	10.36	18.92	83.84	88.32
11-Jan-14 20:00:00	11-Jan-14 21:00:00	736.71	0.00	0.00	0.00	5.01	2.1	329.7	242.89	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	11-Jan-14 20:00:00	243.12	10.35	18.92	83.84	88.33
11-Jan-14 21:00:00	11-Jan-14 22:00:00	895.53	0.00	0.00	0.00	5.04	2.1	329.7	295.25	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	11-Jan-14 21:00:00	295.48	10.35	18.92	83.84	88.34
11-Jan-14 22:00:00	11-Jan-14 23:00:00	792.31	0.00	0.00	0.00	5.07	2.1	329.7	261.22	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	11-Jan-14 22:00:00	261.45	10.35	18.92	83.84	88.35
11-Jan-14 23:00:00	12-Jan-14 00:00:00	679.79	0.00	0.00	0.00	5.13	2.1	329.7	224.13	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	11-Jan-14 23:00:00	224.36	10.35	18.92	83.84	88.37
12-Jan-14 00:00:00	12-Jan-14 01:00:00	855.32	2.11	0.00	0.00	5.27	2.1	329.7	216.06	0.70	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	12-Jan-14 00:00:00	216.29	11.95	18.92	83.84	88.42
12-Jan-14 01:00:00	12-Jan-14 02:00:00	630.65	0.00	0.00	0.00	5.21	2.1	329.7	207.81	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	12-Jan-14 01:00:00	208.16	10.35	18.92	83.84	88.46
12-Jan-14 02:00:00	12-Jan-14 03:00:00	585.85	1.70	0.00	0.00	5.55	2.1	329.7	193.15	0.56	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	12-Jan-14 02:00:00	193.38	10.91	18.92	83.84	88.51
12-Jan-14 03:00:00	12-Jan-14 04:00:00	589.88	7.21	0.00	0.00	5.70	2.1	329.7	194.48	2.38	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	12-Jan-14 03:00:00	194.71	12.73	18.92	83.84	88.56
12-Jan-14 04:00:00	12-Jan-14 05:00:00	601.18	10.17	0.00	0.00	5.80	2.1	329.7	198.21	3.35	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	12-Jan-14 04:00:00	198.44	13.70	18.92	83.84	88.59
12-Jan-14 05:00:00	12-Jan-14 06:00:00	345.69	7.92	0.00	0.00	5.90	2.1	329.7	113.97	2.61	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	12-Jan-14 05:00:00	114.20	12.96	18.92	83.84	88.62
12-Jan-14 06:00:00	12-Jan-14 07:00:00	188.92	12.77	0.00	0.00	5.99	2.1	329.7	62.29	4.21	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Jan-14 06:00:00	62.52	14.56	18.92	83.84	88.66
12-Jan-14 07:00:00	12-Jan-14 08:00:00	76.69	476.30	0.00	0.00	5.93	2.1	329.7	25.29	157.04	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	12-Jan-14 07:00:00	25.52	167.39	18.92	83.84	88.64
12-Jan-14 08:00:00	12-Jan-14 09:00:00	0.00	508.37	0.00	0.00	5.77	2.1	329.7	0.00	167.61	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	12-Jan-14 08:00:00	0.23	177.96	18.92	83.84	88.58
12-Jan-14 09:00:00	12-Jan-14 10:00:00	0.00	289.83	0.00	0.00	5.63	2.1	329.7	0.00	95.56	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	12-Jan-14 09:00:00	0.23	105.91	18.92	83.84	88.53
12-Jan-14 10:00:00	12-Jan-14 11:00:00	0.00	368.19	0.00	0.00	5.48	2.1	329.7	0.00	121.39	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	12-Jan-14 10:00:00	0.23	131.74	18.92	83.84	88.49
12-Jan-14 11:00:00	12-Jan-14 12:00:00	0.00	399.69	0.00	0.00	5.31	2.1	329.7	0.00	131.78	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	12-Jan-14 11:00:00	0.23	142.13	18.92	83.84	88.43
12-Jan-14 12:00:00	12-Jan-14 13:00:00	0.00	397.50	0.00	0.00	5.10	2.1	329.7	0.00	131.05	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	12-Jan-14 12:00:00	0.23	141.40	18.92	83.84	88.36
12-Jan-14 13:00:00	12-Jan-14 14:00:00	0.00	379.27	0.00	0.00	4.88	2.1	329.7	0.00	125.05	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	12-Jan-14 13:00:00	0.23	135.40	18.92	83.84	88.29
12-Jan-14 14:00:00	12-Jan-14 15:00:00	0.00	167.09	0.00	0.00	4.67	2.1	329.7	0.00	125.09	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	12-Jan-14 14:00:00	0.23	65.44	18.92	83.84	88.22
12-Jan-14 15:00:00	12-Jan-14 16:00:00	0.00	392.92	0.00	0.00	4.53	2.1	329.7	0.00	59.54	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	12-Jan-14 15:00:00	0.23	139.89	18.92	83.84	88.17
12-Jan-14 16:00:00	12-Jan-14 17:00:00	0.00	428.37	0.00	0.00	4.56	2.1	329.7	0.00	141.23	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	12-Jan-14 16:00:00	0.23	151.58	18.92	83.84	88.19
12-Jan-14 17:00:00	12-Jan-14 18:00:00	0.00	398.47	0.00	0.00	4.60	2.1	329.7	0.00	131.38	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	12-Jan-14 17:00:00	0.23	141.73	18.92	83.84	88.20
12-Jan-14 18:00:00	12-Jan-14 19:00:00	0.00	369.12	0.00	25.74	4.64	2.1	329.7	0.00	121.70	0.00	8.49	1.53	0.23	10.35	18.92	83.84	86.68	12-Jan-14 18:00:00	0.23	132.05	18.92	92.33	88.21
12-Jan-14 19:00:00	12-Jan-14 20:00:00	0.00	362.06	0.00	61.99	4.83	2.1	329.7	0.00	119.37	0.00	20.44	1.59	0.23	10.35	18.92	83.84	86.68	12-Jan-14 19:00:00	0.23	129.72	18.92	104.28	88.27
12-Jan-14 20:00:00	12-Jan-14 21:00:00	0.00	400.65	0.00	38.27	5.08	2.1	329.7	0.00	132.10	0.00	12.62	1.67	0.23	10.35	18.92	83.84	86.68	12-Jan-14 20:00:00	0.23	142.45	18.92	96.46	88.35
12-Jan-14 21:00:00	12-Jan-14 22:00:00	0.00	414.68	0.00	50.62	5.30	2.1	329.7	0.00	136.72	0.00	16.69	1.75	0.23	10.35	18.92	83.84	86.68	12-Jan-14 21:00:00	0.23	147.07	18.92	100.53	88.43
12-Jan-14 22:00:00	12-Jan-14 23:00:00	0.00	485.26	0.00	53.96	5.53	2.1	329.7	0.00	159.99	0.00	17.79	1.82	0.23	10.35	18.92	83.84	86.68	12-Jan-14 22:00:00	0.23	170.34	18.92	101.63	88.50
12-Jan-14 23:00:00	13-Jan-14 00:00:00	0.00	498.99	0.00	54.44	5.68	2.1	329.7	0.00	164.52	0.00	17.95	1.87	0.23	10.35	18.92	83.84	86.68	12-Jan-14 23:00:00	0.23	174.87	18.92	101.79	88.55
13-Jan-14 00:00:00	13-Jan-14 01:00:00	0.00	509.78	0.00	41.13	5.76	2.1	329.7	0.00	168.08	0.00	13.56	1.90	0.23	10.35	18.92	83.84	86.68	13-Jan-14 00:00:00	0.23	178.43	18.92	97.40	88.58
13-Jan-14 01:00:00	13-Jan-14 02:00:00	0.00	484.07	0.00	63.78	5.85	2.1	329.7	0.00	159.60	0.00	21.03	1.93	0.23	10.35	18.92	83.84	86.68	13-Jan-14 01:00:00	0.23	169.95	18.92	104.47	88.61
13-Jan-14 02:00:00	13-Jan-14 03:00:00	0.00	551.52	0.00	125.91	5.94	2.1	329.7	0.00	49.95	0.00	41.44	1.96	0.23	10.35	18.92	83.84	86.68	13-Jan-14 02:00:00	0.23	60.24	18.92	125.26	88.64
13-Jan-14 03:00:00	13-Jan-14 04:00:00	0.00	0.00	0.00	111.88	6.00	2.1	329.7	0.00	0.00	0.00	36.89	1.98	0.23	10.35	18.92	83.84	86.68	13-Jan-14 03:00:00	0.23	10.35	18.92	120.73	88.66
13-Jan-14 04:00:00	13-Jan-14 05:00:00	0.16	0.00	0.00	44.39	5.99	2.1	329.7	0.05	0.00	0.00	14.63	1.97	0.23	10.35	18.92	83.84	86.68	13-Jan-14 04:00:00	0.26	10.35	18.92	98.47	88.65
13-Jan-14 05:00:00	13-Jan-14 06:00:00	0.00	0.00	0.00	50.84	5.97	2.1	329.7	0.00	0.00	0.00	16.76	1.97	0.23	10.35	18.92	83.84	86.68	13-Jan-14 05:00:00	0.23	10.35	18.92	100.60	88.65
13-Jan-14 06:00:00	13-Jan-14 07:00:00	0.00	0.29	0.00	58.32	5.95	2.1	329.7	0.00	0.10	0.00	19.23	1.96	0.23	10.35	18.92	83.84	86.68	13-Jan-14 06:00:00	0.23	10.45	18.92	103.07	88.64
13-Jan-14 07:00:00	13-Jan-14 08:00:00	0.00	1.47	0.00	49.56	5.95	2.1	329.7	0.00	0.48	0.00	16.34	1.96	0.23	10.35	18.92	83.84	86.68	13-Jan-14 07:00:00	0.23	10.83	18.92	100.18	88.64
13-Jan-14 08:00:00	13-Jan-14 09:00:00	0.00	2.00	0.00	112.95	5.75	2.1	329.7	0.00	0.66	0.00	37.24	1.90	0.23	10.35	18.92	83.84	86.68	13-Jan-14 08:00:00	0.23	11.01	18.92	121.08	88.58
13-Jan-14 09:00:00	13-Jan-14 10:00:00	0.00	1.61	0.00	25.68	5.51	2.1	329.7	0.00	0.53	0.00	8.47	1.82	0.23	10.35	18.92	83.84	86.68	13-Jan-14 09:00:00	0.23	10.88	18.92	92.31	88.50
13-Jan-14 10:00:00	13-Jan-14 11:00:00	0.00	661.20	0.00	18.55	5.28	2.1	329.7	0.00	218.00	0.00	6.17	1.74	0.23	10.35	18.92	83.84	86.68	13-Jan-14 10:00:00	0.23	228.35	18.92	89.95	88.42
13-Jan-14 11:00:00	13-Jan-14 12:00:00	0.00	1,006.45	0.00	0.00	5.06	2.1	329.7	0.00	331.83	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	13-Jan-14 11:00:00	0.23	342.18	18.92	83.84	88.35
13-Jan-14 12:00:00	13-Jan-14 13:00:00	0.00	1,093.43	0.00	0.00	4.89	2.1	329.7	0.00	360.50	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	13-Jan-14 12:00:00	0.23	370.85	18.92	83.84	88.29
13-Jan-14 13:00:00	13-Jan-14 14:00:00	0.00	1,141.78	0.00	0.00	4.73	2.1	329.7	0.00	376.45	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	13-Jan-14 13:00:00	0.23	386.80	18.92	83.84	88.24
13-Jan-14 14:00:00	13-Jan-14 15:00:00	0.00	767.69	0.00	0.00	4.57	2.1	329.7	0.00	253.11	0.00	0.00	1.51	0.23	10.35	18.92	83.84							

15-Jan-14 14:00:00	15-Jan-14 15:00:00	0.00	2.13	0.00	0.00	5.00	2.1	329.7	0.00	0.70	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	15-Jan-14 14:00:00	0.23	11.05	18.92	83.84	88.33	
15-Jan-14 15:00:00	15-Jan-14 16:00:00	0.00	0.15	0.00	0.00	4.78	2.1	329.7	0.00	0.05	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	15-Jan-14 15:00:00	0.23	10.40	18.92	83.84	88.26	
15-Jan-14 16:00:00	15-Jan-14 17:00:00	0.00	0.38	0.00	0.00	4.88	2.1	329.7	0.00	0.12	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	15-Jan-14 16:00:00	0.23	10.47	18.92	83.84	88.29	
15-Jan-14 17:00:00	15-Jan-14 18:00:00	0.00	0.60	0.00	0.00	5.04	2.1	329.7	0.00	0.20	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	15-Jan-14 17:00:00	0.23	10.55	18.92	83.84	88.34	
15-Jan-14 18:00:00	15-Jan-14 19:00:00	0.00	1.32	0.00	0.00	5.20	2.1	329.7	0.00	0.43	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	15-Jan-14 18:00:00	0.23	10.78	18.92	83.84	88.39	
15-Jan-14 19:00:00	15-Jan-14 20:00:00	0.00	4.05	0.00	0.00	5.35	2.1	329.7	0.00	1.34	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	15-Jan-14 19:00:00	0.23	11.69	18.92	83.84	88.44	
15-Jan-14 20:00:00	15-Jan-14 21:00:00	0.00	1.33	0.00	0.00	5.49	2.1	329.7	0.00	0.64	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	15-Jan-14 20:00:00	0.23	10.99	18.92	83.84	88.49	
15-Jan-14 21:00:00	15-Jan-14 22:00:00	0.00	1.28	0.00	0.00	5.64	2.1	329.7	0.00	0.42	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	15-Jan-14 21:00:00	0.23	10.77	18.92	83.84	88.54	
15-Jan-14 22:00:00	15-Jan-14 23:00:00	0.00	0.63	0.00	0.00	5.79	2.1	329.7	0.00	0.21	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	15-Jan-14 22:00:00	0.23	10.56	18.92	83.84	88.59	
15-Jan-14 23:00:00	15-Jan-14 00:00:00	0.00	0.64	0.00	0.00	5.86	2.1	329.7	0.00	0.21	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	15-Jan-14 23:00:00	0.23	10.56	18.92	83.84	88.61	
16-Jan-14 00:00:00	16-Jan-14 01:00:00	0.00	0.38	0.00	0.00	6.01	2.1	329.7	0.00	0.13	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	16-Jan-14 00:00:00	0.23	10.48	18.92	83.84	88.66	
16-Jan-14 01:00:00	16-Jan-14 02:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	16-Jan-14 01:00:00	0.23	10.35	18.92	83.84	88.73	
16-Jan-14 02:00:00	16-Jan-14 03:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	16-Jan-14 02:00:00	0.23	10.35	18.92	83.84	88.80	
16-Jan-14 03:00:00	16-Jan-14 04:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	16-Jan-14 03:00:00	0.23	10.35	18.92	83.84	88.85	
16-Jan-14 04:00:00	16-Jan-14 05:00:00	0.00	0.34	0.00	0.00	6.57	2.1	329.7	0.00	0.11	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	16-Jan-14 04:00:00	0.23	10.46	18.92	83.84	88.85	
16-Jan-14 05:00:00	16-Jan-14 06:00:00	0.00	1.33	0.00	0.00	6.55	2.1	329.7	0.00	0.44	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	16-Jan-14 05:00:00	0.23	10.79	18.92	83.84	88.84	
16-Jan-14 06:00:00	16-Jan-14 07:00:00	0.00	2.35	0.00	0.00	6.54	2.1	329.7	0.00	0.77	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	16-Jan-14 06:00:00	0.23	11.12	18.92	83.84	88.84	
16-Jan-14 07:00:00	16-Jan-14 08:00:00	0.00	0.47	0.00	0.00	6.60	2.1	329.7	0.00	0.16	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	16-Jan-14 07:00:00	0.23	10.51	18.92	83.84	88.86	
16-Jan-14 08:00:00	16-Jan-14 09:00:00	0.00	0.00	0.00	0.00	6.53	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	16-Jan-14 08:00:00	0.23	10.35	18.92	83.84	88.83	
16-Jan-14 09:00:00	16-Jan-14 10:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	16-Jan-14 09:00:00	0.23	10.35	18.92	83.84	88.79	
16-Jan-14 10:00:00	16-Jan-14 11:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	16-Jan-14 10:00:00	0.23	10.35	18.92	83.84	88.74	
16-Jan-14 11:00:00	16-Jan-14 12:00:00	0.00	0.00	0.00	0.00	6.12	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	16-Jan-14 11:00:00	0.23	10.35	18.92	83.84	88.70	
16-Jan-14 12:00:00	16-Jan-14 13:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	16-Jan-14 12:00:00	0.23	10.35	18.92	83.84	88.66	
16-Jan-14 13:00:00	16-Jan-14 14:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	16-Jan-14 13:00:00	0.23	10.35	18.92	83.84	88.63	
16-Jan-14 14:00:00	16-Jan-14 15:00:00	0.00	0.00	0.00	0.00	10.08	670.87	2.1	329.7	0.00	0.00	0.00	3.32	221.18	0.23	10.35	18.92	83.84	86.68	16-Jan-14 14:00:00	0.23	10.35	18.92	83.84	307.86
16-Jan-14 15:00:00	16-Jan-14 16:00:00	0.00	0.00	0.00	0.00	117.60	929.89	2.1	329.7	0.00	0.00	0.00	38.77	306.58	0.23	10.35	18.92	83.84	86.68	16-Jan-14 15:00:00	0.23	10.35	18.92	83.84	393.26
16-Jan-14 16:00:00	16-Jan-14 17:00:00	0.00	0.00	0.00	0.00	78.78	636.49	2.1	329.7	0.00	0.00	0.00	25.97	209.85	0.23	10.35	18.92	83.84	86.68	16-Jan-14 16:00:00	0.23	10.35	18.92	83.84	296.53
16-Jan-14 17:00:00	16-Jan-14 18:00:00	0.00	0.00	0.00	0.00	5.10	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	16-Jan-14 17:00:00	0.23	10.35	18.92	83.84	88.36	
16-Jan-14 18:00:00	16-Jan-14 19:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	16-Jan-14 18:00:00	0.23	10.35	18.92	83.84	88.42	
16-Jan-14 19:00:00	16-Jan-14 20:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	16-Jan-14 19:00:00	0.23	10.35	18.92	83.84	88.47	
16-Jan-14 20:00:00	16-Jan-14 21:00:00	0.01	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	16-Jan-14 20:00:00	0.23	10.35	18.92	83.84	88.53	
16-Jan-14 21:00:00	16-Jan-14 22:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	16-Jan-14 21:00:00	0.23	10.35	18.92	83.84	88.59	
16-Jan-14 22:00:00	16-Jan-14 23:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	16-Jan-14 22:00:00	0.23	10.35	18.92	83.84	88.67	
16-Jan-14 23:00:00	17-Jan-14 00:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	16-Jan-14 23:00:00	0.23	10.35	18.92	83.84	88.71	
17-Jan-14 00:00:00	17-Jan-14 01:00:00	0.00	0.00	0.00	0.00	181.78	2.1	329.7	0.00	0.00	0.00	0.00	59.93	0.23	10.35	18.92	83.84	86.68	17-Jan-14 00:00:00	0.23	10.35	18.92	83.84	146.61	
17-Jan-14 01:00:00	17-Jan-14 02:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	17-Jan-14 01:00:00	0.23	10.35	18.92	83.84	88.75	
17-Jan-14 02:00:00	17-Jan-14 03:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	17-Jan-14 02:00:00	0.23	10.35	18.92	83.84	88.75	
17-Jan-14 03:00:00	17-Jan-14 04:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	17-Jan-14 03:00:00	0.23	10.35	18.92	83.84	88.76	
17-Jan-14 04:00:00	17-Jan-14 05:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Jan-14 04:00:00	0.23	10.35	18.92	83.84	88.77	
17-Jan-14 05:00:00	17-Jan-14 06:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	17-Jan-14 05:00:00	0.23	10.35	18.92	83.84	88.79	
17-Jan-14 06:00:00	17-Jan-14 07:00:00	0.00	0.00	0.00	0.00	80.33	2.1	329.7	0.00	0.00	0.00	0.00	26.48	0.23	10.35	18.92	83.84	86.68	17-Jan-14 06:00:00	0.23	10.35	18.92	83.84	113.16	
17-Jan-14 07:00:00	17-Jan-14 08:00:00	0.05	0.00	0.00	0.00	259.39	2.1	329.7	0.02	0.00	0.00	0.00	85.52	0.23	10.35	18.92	83.84	86.68	17-Jan-14 07:00:00	0.25	10.35	18.92	83.84	172.20	
17-Jan-14 08:00:00	17-Jan-14 09:00:00	0.00	0.00	0.00	0.00	216.82	2.1	329.7	0.00	0.00	0.00	0.00	71.48	0.23	10.35	18.92	83.84	86.68	17-Jan-14 08:00:00	0.23	10.35	18.92	83.84	158.16	
17-Jan-14 09:00:00	17-Jan-14 10:00:00	0.00	0.00	0.00	0.00	266.38	2.1	329.7	0.00	0.00	0.00	0.00	87.93	0.23	10.35	18.92	83.84	86.68	17-Jan-14 09:00:00	0.23	10.35	18.92	83.84	176.51	
17-Jan-14 10:00:00	17-Jan-14 11:00:00	0.00	0.00	0.00	0.00	14.93	2.																		

19-Jan-14 09:00:00	19-Jan-14 10:00:00	0.00	274.20	0.00	78.93	308.79	2.1	329.7	0.00	90.40	0.00	26.02	101.81	0.23	10.35	18.92	83.84	86.68	19-Jan-14 09:00:00	0.23	100.75	18.92	109.86	188.49
19-Jan-14 10:00:00	19-Jan-14 11:00:00	0.00	309.72	0.00	94.62	338.76	2.1	329.7	0.00	102.11	0.00	31.20	111.69	0.23	10.35	18.92	83.84	86.68	19-Jan-14 10:00:00	0.23	112.46	18.92	115.04	198.37
19-Jan-14 11:00:00	19-Jan-14 12:00:00	0.00	282.36	0.00	89.77	289.62	2.1	329.7	0.00	93.09	0.00	29.60	95.49	0.23	10.35	18.92	83.84	86.68	19-Jan-14 11:00:00	0.23	103.44	18.92	113.44	182.17
19-Jan-14 12:00:00	19-Jan-14 13:00:00	0.00	251.45	0.00	60.48	247.36	2.1	329.7	0.00	82.90	0.00	19.94	81.55	0.23	10.35	18.92	83.84	86.68	19-Jan-14 12:00:00	0.23	93.25	18.92	103.78	168.23
19-Jan-14 13:00:00	19-Jan-14 14:00:00	0.00	453.60	0.00	73.94	249.08	2.1	329.7	0.00	149.55	0.00	24.38	82.12	0.23	10.35	18.92	83.84	86.68	19-Jan-14 13:00:00	0.23	159.90	18.92	108.22	166.80
19-Jan-14 14:00:00	19-Jan-14 15:00:00	0.00	482.39	0.00	18.16	333.94	2.1	329.7	0.00	159.94	0.00	5.99	110.10	0.23	10.35	18.92	83.84	86.68	19-Jan-14 14:00:00	0.23	169.39	18.92	89.83	196.78
19-Jan-14 15:00:00	19-Jan-14 16:00:00	0.00	419.16	0.00	0.00	406.34	2.1	329.7	0.00	138.20	0.00	0.00	133.97	0.23	10.35	18.92	83.84	86.68	19-Jan-14 15:00:00	0.23	148.55	18.92	83.84	226.65
19-Jan-14 16:00:00	19-Jan-14 17:00:00	0.00	400.64	0.00	0.00	399.97	2.1	329.7	0.00	132.09	0.00	0.00	131.87	0.23	10.35	18.92	83.84	86.68	19-Jan-14 16:00:00	0.23	142.44	18.92	83.84	218.55
19-Jan-14 17:00:00	19-Jan-14 18:00:00	0.00	393.66	0.00	0.00	399.23	2.1	329.7	0.00	129.79	0.00	0.00	131.63	0.23	10.35	18.92	83.84	86.68	19-Jan-14 17:00:00	0.23	140.14	18.92	83.84	218.31
19-Jan-14 18:00:00	19-Jan-14 19:00:00	0.00	392.78	0.00	0.00	398.31	2.1	329.7	0.00	129.50	0.00	0.00	131.32	0.23	10.35	18.92	83.84	86.68	19-Jan-14 18:00:00	0.23	139.85	18.92	83.84	218.00
19-Jan-14 19:00:00	19-Jan-14 20:00:00	0.00	400.41	0.00	0.00	364.28	2.1	329.7	0.00	132.02	0.00	0.00	120.10	0.23	10.35	18.92	83.84	86.68	19-Jan-14 19:00:00	0.23	142.37	18.92	83.84	206.78
19-Jan-14 20:00:00	19-Jan-14 21:00:00	0.00	399.76	0.00	0.00	336.83	2.1	329.7	0.00	131.80	0.00	0.00	111.05	0.23	10.35	18.92	83.84	86.68	19-Jan-14 20:00:00	0.23	142.15	18.92	83.84	197.73
19-Jan-14 21:00:00	19-Jan-14 22:00:00	0.00	490.95	0.00	45.13	356.23	2.1	329.7	0.00	161.86	0.00	14.88	117.45	0.23	10.35	18.92	83.84	86.68	19-Jan-14 21:00:00	0.23	172.21	18.92	98.72	204.13
19-Jan-14 22:00:00	19-Jan-14 23:00:00	0.00	575.08	0.00	56.18	575.00	2.1	329.7	0.00	189.60	0.00	18.52	189.58	0.23	10.35	18.92	83.84	86.68	19-Jan-14 22:00:00	0.23	199.95	18.92	102.36	276.26
19-Jan-14 23:00:00	20-Jan-14 00:00:00	0.00	590.68	0.00	51.66	716.83	2.1	329.7	0.00	194.75	0.00	17.03	236.34	0.23	10.35	18.92	83.84	86.68	19-Jan-14 23:00:00	0.23	205.10	18.92	100.87	323.02
20-Jan-14 00:00:00	20-Jan-14 01:00:00	0.00	593.72	0.00	46.18	1,132.19	2.1	329.7	0.00	195.75	0.00	15.23	373.28	0.23	10.35	18.92	83.84	86.68	20-Jan-14 00:00:00	0.23	206.10	18.92	99.07	459.96
20-Jan-14 01:00:00	20-Jan-14 02:00:00	0.00	581.39	0.00	51.72	1,073.76	2.1	329.7	0.00	191.68	0.00	17.05	354.02	0.23	10.35	18.92	83.84	86.68	20-Jan-14 01:00:00	0.23	202.03	18.92	100.89	440.70
20-Jan-14 02:00:00	20-Jan-14 03:00:00	0.00	582.62	0.00	34.60	717.71	2.1	329.7	0.00	192.09	0.00	11.41	236.63	0.23	10.35	18.92	83.84	86.68	20-Jan-14 02:00:00	0.23	202.44	18.92	95.25	323.31
20-Jan-14 03:00:00	20-Jan-14 04:00:00	0.00	585.36	0.00	44.66	519.73	2.1	329.7	0.00	192.99	0.00	14.72	171.36	0.23	10.35	18.92	83.84	86.68	20-Jan-14 03:00:00	0.23	203.34	18.92	98.56	258.04
20-Jan-14 04:00:00	20-Jan-14 05:00:00	0.00	481.95	0.00	51.08	376.63	2.1	329.7	0.00	158.90	0.00	16.84	124.18	0.23	10.35	18.92	83.84	86.68	20-Jan-14 04:00:00	0.23	169.25	18.92	100.68	210.86
20-Jan-14 05:00:00	20-Jan-14 06:00:00	0.00	514.94	0.00	92.58	442.97	2.1	329.7	0.00	169.78	0.00	30.52	146.05	0.23	10.35	18.92	83.84	86.68	20-Jan-14 05:00:00	0.23	180.13	18.92	114.36	232.73
20-Jan-14 06:00:00	20-Jan-14 07:00:00	0.00	566.50	0.00	98.14	487.95	2.1	329.7	0.00	186.78	0.00	32.36	160.88	0.23	10.35	18.92	83.84	86.68	20-Jan-14 06:00:00	0.23	197.13	18.92	116.20	247.56
20-Jan-14 07:00:00	20-Jan-14 08:00:00	0.00	590.59	0.00	65.56	485.76	2.1	329.7	0.00	194.72	0.00	21.62	160.16	0.23	10.35	18.92	83.84	86.68	20-Jan-14 07:00:00	0.23	205.07	18.92	105.46	246.84
20-Jan-14 08:00:00	20-Jan-14 09:00:00	0.00	584.61	0.00	58.68	483.71	2.1	329.7	0.00	192.75	0.00	19.35	159.48	0.23	10.35	18.92	83.84	86.68	20-Jan-14 08:00:00	0.23	203.10	18.92	103.19	246.16
20-Jan-14 09:00:00	20-Jan-14 10:00:00	0.00	571.97	0.00	70.96	477.61	2.1	329.7	0.00	188.58	0.00	23.40	157.47	0.23	10.35	18.92	83.84	86.68	20-Jan-14 09:00:00	0.23	198.93	18.92	107.24	244.15
20-Jan-14 10:00:00	20-Jan-14 11:00:00	0.00	475.07	0.00	2.43	106.11	2.1	329.7	0.00	156.63	0.00	0.80	34.98	0.23	10.35	18.92	83.84	86.68	20-Jan-14 10:00:00	0.23	166.98	18.92	84.64	121.66
20-Jan-14 11:00:00	20-Jan-14 12:00:00	0.00	272.25	0.00	0.00	5.48	2.1	329.7	0.00	89.76	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	20-Jan-14 11:00:00	0.23	100.11	18.92	83.84	88.49
20-Jan-14 12:00:00	20-Jan-14 13:00:00	0.00	0.85	0.00	0.00	5.13	2.1	329.7	0.00	2.98	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	20-Jan-14 12:00:00	0.23	10.63	18.92	83.84	88.37
20-Jan-14 13:00:00	20-Jan-14 14:00:00	0.00	9.01	0.00	0.00	4.77	2.1	329.7	0.00	2.97	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	20-Jan-14 13:00:00	0.23	13.32	18.92	83.84	88.25
20-Jan-14 14:00:00	20-Jan-14 15:00:00	0.00	13.49	0.00	0.00	4.48	2.1	329.7	0.00	4.45	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	20-Jan-14 14:00:00	0.23	14.80	18.92	83.84	88.16
20-Jan-14 15:00:00	20-Jan-14 16:00:00	0.00	27.11	0.00	0.00	4.37	2.1	329.7	0.00	8.94	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	20-Jan-14 15:00:00	0.23	19.29	18.92	83.84	88.12
20-Jan-14 16:00:00	20-Jan-14 17:00:00	0.00	7.24	0.00	0.00	4.25	2.1	329.7	0.00	2.39	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	20-Jan-14 16:00:00	0.23	12.74	18.92	83.84	88.08
20-Jan-14 17:00:00	20-Jan-14 18:00:00	0.00	1.73	0.00	0.00	4.12	2.1	329.7	0.00	0.57	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	20-Jan-14 17:00:00	0.23	10.92	18.92	83.84	88.04
20-Jan-14 18:00:00	20-Jan-14 19:00:00	0.00	0.55	0.00	0.00	4.14	2.1	329.7	0.00	0.18	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	20-Jan-14 18:00:00	0.23	10.53	18.92	83.84	88.05
20-Jan-14 19:00:00	20-Jan-14 20:00:00	0.00	1.80	0.00	0.00	400.64	2.1	329.7	0.00	0.59	0.00	0.00	132.09	0.23	10.35	18.92	83.84	86.68	20-Jan-14 19:00:00	0.23	10.94	18.92	83.84	218.77
20-Jan-14 20:00:00	20-Jan-14 21:00:00	0.00	3.17	0.00	0.00	664.25	2.1	329.7	0.00	1.04	0.00	0.00	219.00	0.23	10.35	18.92	83.84	86.68	20-Jan-14 20:00:00	0.23	11.39	18.92	83.84	305.68
20-Jan-14 21:00:00	20-Jan-14 22:00:00	0.00	4.75	0.00	0.00	270.24	2.1	329.7	0.00	1.57	0.00	0.00	89.10	0.23	10.35	18.92	83.84	86.68	20-Jan-14 21:00:00	0.23	11.92	18.92	83.84	175.78
20-Jan-14 22:00:00	20-Jan-14 23:00:00	0.00	8.41	0.00	0.00	91.51	2.1	329.7	0.00	2.77	0.00	0.00	30.17	0.23	10.35	18.92	83.84	86.68	20-Jan-14 22:00:00	0.23	13.12	18.92	83.84	116.85
20-Jan-14 23:00:00	21-Jan-14 00:00:00	0.00	5.86	0.00	0.00	5.01	2.1	329.7	0.00	1.93	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	20-Jan-14 23:00:00	0.23	12.28	18.92	83.84	88.33
21-Jan-14 00:00:00	21-Jan-14 01:00:00	0.00	20.67	0.00	0.00	5.22	2.1	329.7	0.00	6.81	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	21-Jan-14 00:00:00	0.23	17.16	18.92	83.84	88.40
21-Jan-14 01:00:00	21-Jan-14 02:00:00	0.00	15.52	0.00	0.00	5.43	2.1	329.7	0.00	5.12	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	21-Jan-14 01:00:00	0.23	15.47	18.92	83.84	88.47
21-Jan-14 02:00:00	21-Jan-14 03:00:00	0.00	16.80	0.00	0.00	5.61	2.1	329.7	0.00	5.54	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	21-Jan-14 02:00:00	0.23	15.89	18.92	83.84	88.53
21-Jan-14 03:00:00	21-Jan-14 04:00:00	0.00	9.75	0.00	0.00	18.50	2.1	329.7	0.00	3.21	0.00	0.00	6.10	0.23	10.35	18.92	83.84	86.68	21-Jan-14 03:00:00	0.23	13.56	18.92	83.84	92.78
21-Jan-14 04:00:00	21-Jan-14 05:00:00	0.00	1.34	0.00	0.00	255.59	2.1																	

23-Jan-14 04:00:00	23-Jan-14 05:00:00	0.00	293.57	0.00	164.31	216.98	2.1	329.7	0.00	96.79	0.00	54.17	71.54	0.23	10.35	18.92	83.84	86.68	23-Jan-14 04:00:00	0.23	107.14	18.92	138.01	158.22
23-Jan-14 05:00:00	23-Jan-14 06:00:00	0.00	296.14	0.00	146.93	234.15	2.1	329.7	0.00	97.64	0.00	48.44	77.20	0.23	10.35	18.92	83.84	86.68	23-Jan-14 05:00:00	0.23	107.99	18.92	132.28	163.88
23-Jan-14 06:00:00	23-Jan-14 07:00:00	0.00	371.55	0.00	135.77	884.79	2.1	329.7	0.00	122.50	0.00	44.76	291.71	0.23	10.35	18.92	83.84	86.68	23-Jan-14 06:00:00	0.23	132.85	18.92	128.60	378.39
23-Jan-14 07:00:00	23-Jan-14 08:00:00	0.25	374.39	0.00	119.43	944.05	2.1	329.7	0.08	123.44	0.00	39.38	311.25	0.23	10.35	18.92	83.84	86.68	23-Jan-14 07:00:00	0.31	133.79	18.92	123.22	397.93
23-Jan-14 08:00:00	23-Jan-14 09:00:00	0.00	50.15	0.00	158.81	1,027.17	2.1	329.7	0.00	16.54	0.00	52.36	338.66	0.23	10.35	18.92	83.84	86.68	23-Jan-14 08:00:00	0.23	26.89	18.92	136.20	425.34
23-Jan-14 09:00:00	23-Jan-14 10:00:00	0.15	13.91	0.00	125.81	1,252.05	2.1	329.7	0.05	4.58	0.00	41.48	412.80	0.23	10.35	18.92	83.84	86.68	23-Jan-14 09:00:00	0.28	14.93	18.92	123.32	499.48
23-Jan-14 10:00:00	23-Jan-14 11:00:00	0.00	14.39	0.00	157.15	219.48	2.1	329.7	0.00	4.75	0.00	51.81	300.19	0.23	10.35	18.92	83.84	86.68	23-Jan-14 10:00:00	0.23	15.33	18.92	135.65	385.37
23-Jan-14 11:00:00	23-Jan-14 12:00:00	0.00	12.34	0.00	138.53	883.29	2.1	329.7	0.00	4.07	0.00	45.67	291.22	0.23	10.35	18.92	83.84	86.68	23-Jan-14 11:00:00	0.23	14.42	18.92	129.51	377.90
23-Jan-14 12:00:00	23-Jan-14 13:00:00	0.00	9.50	0.00	135.34	939.19	2.1	329.7	0.00	3.13	0.00	44.62	309.65	0.23	10.35	18.92	83.84	86.68	23-Jan-14 12:00:00	0.23	13.48	18.92	128.46	396.33
23-Jan-14 13:00:00	23-Jan-14 14:00:00	0.00	6.83	0.00	145.28	976.64	2.1	329.7	0.00	2.25	0.00	47.90	322.00	0.23	10.35	18.92	83.84	86.68	23-Jan-14 13:00:00	0.23	12.60	18.92	131.74	408.68
23-Jan-14 14:00:00	23-Jan-14 15:00:00	0.00	0.63	0.00	162.95	891.87	2.1	329.7	0.00	0.21	0.00	53.73	294.05	0.23	10.35	18.92	83.84	86.68	23-Jan-14 14:00:00	0.23	10.56	18.92	137.57	380.73
23-Jan-14 15:00:00	23-Jan-14 16:00:00	0.00	12.19	0.00	188.83	714.68	2.1	329.7	0.00	4.02	0.00	62.26	235.63	0.23	10.35	18.92	83.84	86.68	23-Jan-14 15:00:00	0.23	14.37	18.92	146.10	322.31
23-Jan-14 16:00:00	23-Jan-14 17:00:00	0.00	2.38	0.00	159.71	715.12	2.1	329.7	0.00	0.78	0.00	52.66	235.77	0.23	10.35	18.92	83.84	86.68	23-Jan-14 16:00:00	0.23	11.13	18.92	136.50	322.45
23-Jan-14 17:00:00	23-Jan-14 18:00:00	0.00	0.00	0.00	150.18	707.64	2.1	329.7	0.00	0.00	0.00	49.52	233.31	0.23	10.35	18.92	83.84	86.68	23-Jan-14 17:00:00	0.23	10.35	18.92	133.36	319.99
23-Jan-14 18:00:00	23-Jan-14 19:00:00	0.00	0.00	0.00	135.32	581.36	2.1	329.7	0.00	0.00	0.00	44.61	191.67	0.23	10.35	18.92	83.84	86.68	23-Jan-14 18:00:00	0.23	10.35	18.92	128.45	278.35
23-Jan-14 19:00:00	23-Jan-14 20:00:00	0.00	0.00	0.00	193.62	499.06	2.1	329.7	0.00	0.00	0.00	63.84	164.54	0.23	10.35	18.92	83.84	86.68	23-Jan-14 19:00:00	0.23	10.35	18.92	147.68	251.22
23-Jan-14 20:00:00	23-Jan-14 21:00:00	0.00	0.00	0.00	208.86	461.84	2.1	329.7	0.00	0.00	0.00	68.86	152.27	0.23	10.35	18.92	83.84	86.68	23-Jan-14 20:00:00	0.23	10.35	18.92	152.70	238.95
23-Jan-14 21:00:00	23-Jan-14 22:00:00	0.00	0.00	0.00	148.43	449.81	2.1	329.7	0.00	0.00	0.00	48.94	148.30	0.23	10.35	18.92	83.84	86.68	23-Jan-14 21:00:00	0.23	10.35	18.92	132.78	234.98
23-Jan-14 22:00:00	23-Jan-14 23:00:00	0.00	0.00	0.00	157.06	485.30	2.1	329.7	0.00	0.00	0.00	51.78	160.00	0.23	10.35	18.92	83.84	86.68	23-Jan-14 22:00:00	0.23	10.35	18.92	135.62	246.68
23-Jan-14 23:00:00	24-Jan-14 00:00:00	0.00	1.73	0.00	128.80	482.70	2.1	329.7	0.00	0.57	0.00	42.47	159.14	0.23	10.35	18.92	83.84	86.68	23-Jan-14 23:00:00	0.23	10.92	18.92	126.21	245.82
24-Jan-14 00:00:00	24-Jan-14 01:00:00	0.00	6.05	0.00	137.38	478.36	2.1	329.7	0.00	1.99	0.00	45.29	157.72	0.23	10.35	18.92	83.84	86.68	24-Jan-14 00:00:00	0.23	12.34	18.92	129.13	244.40
24-Jan-14 01:00:00	24-Jan-14 02:00:00	0.00	4.84	0.00	221.90	527.40	2.1	329.7	0.00	1.60	0.00	73.16	173.88	0.23	10.35	18.92	83.84	86.68	24-Jan-14 01:00:00	0.23	11.95	18.92	157.00	260.56
24-Jan-14 02:00:00	24-Jan-14 03:00:00	0.00	5.04	0.00	203.79	450.31	2.1	329.7	0.00	1.66	0.00	67.19	148.47	0.23	10.35	18.92	83.84	86.68	24-Jan-14 02:00:00	0.23	12.01	18.92	151.03	235.15
24-Jan-14 03:00:00	24-Jan-14 04:00:00	0.00	1.75	0.00	146.37	598.29	2.1	329.7	0.00	0.58	0.00	48.26	197.26	0.23	10.35	18.92	83.84	86.68	24-Jan-14 03:00:00	0.23	10.93	18.92	132.10	283.94
24-Jan-14 04:00:00	24-Jan-14 05:00:00	0.00	1.39	0.00	166.25	386.42	2.1	329.7	0.00	0.46	0.00	54.81	127.40	0.23	10.35	18.92	83.84	86.68	24-Jan-14 04:00:00	0.23	10.81	18.92	138.65	214.08
24-Jan-14 05:00:00	24-Jan-14 06:00:00	0.00	13.16	0.00	184.87	8.68	2.1	329.7	0.00	4.34	0.00	60.95	2.86	0.23	10.35	18.92	83.84	86.68	24-Jan-14 05:00:00	0.23	14.69	18.92	144.79	89.54
24-Jan-14 06:00:00	24-Jan-14 07:00:00	0.00	266.29	0.00	193.03	473.37	2.1	329.7	0.00	87.80	0.00	63.64	156.07	0.23	10.35	18.92	83.84	86.68	24-Jan-14 06:00:00	0.23	98.15	18.92	147.48	242.75
24-Jan-14 07:00:00	24-Jan-14 08:00:00	0.00	318.67	0.00	207.35	574.60	2.1	329.7	0.00	105.07	0.00	68.36	189.45	0.23	10.35	18.92	83.84	86.68	24-Jan-14 07:00:00	0.23	115.42	18.92	152.20	276.13
24-Jan-14 08:00:00	24-Jan-14 09:00:00	0.00	319.12	0.00	179.70	555.52	2.1	329.7	0.00	105.21	0.00	59.25	183.16	0.23	10.35	18.92	83.84	86.68	24-Jan-14 08:00:00	0.23	115.56	18.92	143.09	269.84
24-Jan-14 09:00:00	24-Jan-14 10:00:00	0.00	313.21	0.00	169.56	676.08	2.1	329.7	0.00	103.27	0.00	55.90	222.90	0.23	10.35	18.92	83.84	86.68	24-Jan-14 09:00:00	0.23	113.62	18.92	139.74	309.58
24-Jan-14 10:00:00	24-Jan-14 11:00:00	0.00	309.80	0.00	185.14	559.70	2.1	329.7	0.00	102.14	0.00	61.04	188.53	0.23	10.35	18.92	83.84	86.68	24-Jan-14 10:00:00	0.23	112.49	18.92	144.88	271.21
24-Jan-14 11:00:00	24-Jan-14 12:00:00	0.00	308.10	0.00	185.09	530.13	2.1	329.7	0.00	101.58	0.00	61.03	174.78	0.23	10.35	18.92	83.84	86.68	24-Jan-14 11:00:00	0.23	111.93	18.92	144.87	261.46
24-Jan-14 12:00:00	24-Jan-14 13:00:00	0.00	296.79	0.00	181.25	521.16	2.1	329.7	0.00	97.85	0.00	59.76	171.83	0.23	10.35	18.92	83.84	86.68	24-Jan-14 12:00:00	0.23	108.20	18.92	143.60	258.51
24-Jan-14 13:00:00	24-Jan-14 14:00:00	0.00	433.19	0.00	111.78	575.00	2.1	329.7	0.00	142.82	0.00	36.85	189.58	0.23	10.35	18.92	83.84	86.68	24-Jan-14 13:00:00	0.23	153.17	18.92	120.69	276.26
24-Jan-14 14:00:00	24-Jan-14 15:00:00	0.00	702.19	0.00	132.82	784.97	2.1	329.7	0.00	231.51	0.00	43.79	258.80	0.23	10.35	18.92	83.84	86.68	24-Jan-14 14:00:00	0.23	241.86	18.92	127.63	345.48
24-Jan-14 15:00:00	24-Jan-14 16:00:00	0.00	764.93	0.00	122.38	815.53	2.1	329.7	0.00	252.20	0.00	40.35	268.88	0.23	10.35	18.92	83.84	86.68	24-Jan-14 15:00:00	0.23	262.55	18.92	124.19	355.56
24-Jan-14 16:00:00	24-Jan-14 17:00:00	0.00	801.95	0.00	112.59	816.59	2.1	329.7	0.00	264.40	0.00	37.12	269.23	0.23	10.35	18.92	83.84	86.68	24-Jan-14 16:00:00	0.23	274.75	18.92	120.96	355.91
24-Jan-14 17:00:00	24-Jan-14 18:00:00	0.00	745.42	0.00	116.68	639.02	2.1	329.7	0.00	245.76	0.00	38.47	210.68	0.23	10.35	18.92	83.84	86.68	24-Jan-14 17:00:00	0.23	256.11	18.92	122.31	297.36
24-Jan-14 18:00:00	24-Jan-14 19:00:00	0.00	750.53	0.00	122.23	557.81	2.1	329.7	0.00	247.45	0.00	40.30	183.91	0.23	10.35	18.92	83.84	86.68	24-Jan-14 18:00:00	0.23	257.80	18.92	124.14	270.59
24-Jan-14 19:00:00	24-Jan-14 20:00:00	0.33	746.80	0.00	164.44	681.39	2.1	329.7	0.11	246.22	0.00	54.22	226.65	0.23	10.35	18.92	83.84	86.68	24-Jan-14 19:00:00	0.34	256.57	18.92	138.06	311.33
24-Jan-14 20:00:00	24-Jan-14 21:00:00	0.98	748.84	0.00	155.01	733.91	2.1	329.7	0.32	246.89	0.00	51.11	241.97	0.23	10.35	18.92	83.84	86.68	24-Jan-14 20:00:00	0.55	257.24	18.92	134.95	328.65
24-Jan-14 21:00:00	24-Jan-14 22:00:00	1.22	763.63	0.00	157.91	745.04	2.1	329.7	0.40	251.77	0.00	52.06	245.64	0.23	10.35	18.92	83.84	86.68	24-Jan-14 21:00:00	0.63	252.12	18.92	135.90	332.32
24-Jan-14 22:00:00	24-Jan-14 23:00:00	0.00	762.58	0.00	134.13	726.55	2.1	329.7	0.00	252.42	0.00	44.22	239.54	0.23	10.35	18.92	83.84	86.68	24-Jan-14 22:00:00	0.23	261.77	18.92	128.06	326.22
24-Jan-14 23:00:00	25-Jan-14 00:00:00	0.00	778.44	0.00	139.67	594.9																		

26-Jan-14 23:00:00	27-Jan-14 00:00:00	0.00	527.57	0.00	0.00	214.73	2.1	329.7	0.00	173.94	0.00	0.00	70.80	0.23	10.35	18.92	83.84	86.68	26-Jan-14 23:00:00	0.23	184.29	18.92	83.84	157.48
27-Jan-14 00:00:00	27-Jan-14 01:00:00	0.00	551.55	0.00	55.77	251.35	2.1	329.7	0.00	181.85	0.00	18.39	82.87	0.23	10.35	18.92	83.84	86.68	27-Jan-14 00:00:00	0.23	192.20	18.92	102.23	169.55
27-Jan-14 01:00:00	27-Jan-14 02:00:00	0.00	597.59	0.00	135.72	276.58	2.1	329.7	0.00	197.03	0.00	44.75	91.19	0.23	10.35	18.92	83.84	86.68	27-Jan-14 01:00:00	0.23	207.38	18.92	128.59	177.87
27-Jan-14 02:00:00	27-Jan-14 03:00:00	0.00	602.08	0.00	113.76	299.65	2.1	329.7	0.00	198.51	0.00	37.51	98.80	0.23	10.35	18.92	83.84	86.68	27-Jan-14 02:00:00	0.23	208.86	18.92	121.35	185.48
27-Jan-14 03:00:00	27-Jan-14 04:00:00	0.00	601.72	0.00	116.03	278.85	2.1	329.7	0.00	198.39	0.00	38.26	91.94	0.23	10.35	18.92	83.84	86.68	27-Jan-14 03:00:00	0.23	208.74	18.92	122.10	176.62
27-Jan-14 04:00:00	27-Jan-14 05:00:00	0.00	611.34	0.00	110.77	264.83	2.1	329.7	0.00	201.56	0.00	35.52	87.31	0.23	10.35	18.92	83.84	86.68	27-Jan-14 04:00:00	0.23	211.91	18.92	120.36	173.99
27-Jan-14 05:00:00	27-Jan-14 06:00:00	0.00	724.53	0.00	104.82	255.44	2.1	329.7	0.00	238.88	0.00	34.56	84.22	0.23	10.35	18.92	83.84	86.68	27-Jan-14 05:00:00	0.23	219.32	18.92	118.40	170.51
27-Jan-14 06:00:00	27-Jan-14 07:00:00	0.00	740.27	0.00	121.85	247.67	2.1	329.7	0.00	244.07	0.00	40.18	81.66	0.23	10.35	18.92	83.84	86.68	27-Jan-14 06:00:00	0.23	254.42	18.92	124.02	168.34
27-Jan-14 07:00:00	27-Jan-14 08:00:00	0.00	739.39	0.00	87.41	294.46	2.1	329.7	0.00	243.78	0.00	28.82	97.08	0.23	10.35	18.92	83.84	86.68	27-Jan-14 07:00:00	0.23	254.13	18.92	112.66	183.76
27-Jan-14 08:00:00	27-Jan-14 09:00:00	0.00	739.23	0.00	66.21	326.24	2.1	329.7	0.00	243.72	0.00	21.83	107.56	0.23	10.35	18.92	83.84	86.68	27-Jan-14 08:00:00	0.23	254.07	18.92	105.67	194.24
27-Jan-14 09:00:00	27-Jan-14 10:00:00	0.00	653.68	0.00	118.57	286.74	2.1	329.7	0.00	213.52	0.00	39.09	94.54	0.23	10.35	18.92	83.84	86.68	27-Jan-14 09:00:00	0.23	225.87	18.92	122.93	181.22
27-Jan-14 10:00:00	27-Jan-14 11:00:00	0.00	707.78	0.00	90.82	335.56	2.1	329.7	0.00	235.26	0.00	29.94	110.63	0.23	10.35	18.92	83.84	86.68	27-Jan-14 10:00:00	0.23	243.71	18.92	113.78	197.31
27-Jan-14 11:00:00	27-Jan-14 12:00:00	0.00	558.01	0.00	101.65	226.36	2.1	329.7	0.00	183.98	0.00	33.51	74.63	0.23	10.35	18.92	83.84	86.68	27-Jan-14 11:00:00	0.23	194.33	18.92	117.35	161.31
27-Jan-14 12:00:00	27-Jan-14 13:00:00	0.00	9.12	0.00	101.65	185.69	2.1	329.7	0.00	3.01	0.00	33.52	61.22	0.23	10.35	18.92	83.84	86.68	27-Jan-14 12:00:00	0.23	13.36	18.92	117.36	147.90
27-Jan-14 13:00:00	27-Jan-14 14:00:00	0.00	3.81	0.00	88.85	183.83	2.1	329.7	0.00	1.26	0.00	29.29	60.61	0.23	10.35	18.92	83.84	86.68	27-Jan-14 13:00:00	0.23	11.61	18.92	113.13	147.29
27-Jan-14 14:00:00	27-Jan-14 15:00:00	0.00	0.45	0.00	96.10	182.27	2.1	329.7	0.00	0.15	0.00	31.68	60.10	0.23	10.35	18.92	83.84	86.68	27-Jan-14 14:00:00	0.23	10.50	18.92	115.52	146.78
27-Jan-14 15:00:00	27-Jan-14 16:00:00	0.00	1.27	0.00	39.57	182.95	2.1	329.7	0.00	0.42	0.00	13.05	60.32	0.23	10.35	18.92	83.84	86.68	27-Jan-14 15:00:00	0.23	10.77	18.92	96.89	147.00
27-Jan-14 16:00:00	27-Jan-14 17:00:00	0.00	5.07	0.00	0.00	186.04	2.1	329.7	0.00	1.67	0.00	0.00	61.34	0.23	10.35	18.92	83.84	86.68	27-Jan-14 16:00:00	0.23	12.02	18.92	83.84	148.02
27-Jan-14 17:00:00	27-Jan-14 18:00:00	0.00	5.36	0.00	0.00	185.05	2.1	329.7	0.00	1.77	0.00	61.01	61.23	0.23	10.35	18.92	83.84	86.68	27-Jan-14 17:00:00	0.23	12.12	18.92	83.84	147.69
27-Jan-14 18:00:00	27-Jan-14 19:00:00	0.00	1.40	0.00	0.00	185.86	2.1	329.7	0.00	0.46	0.00	61.28	61.23	0.23	10.35	18.92	83.84	86.68	27-Jan-14 18:00:00	0.23	10.81	18.92	83.84	147.96
27-Jan-14 19:00:00	27-Jan-14 20:00:00	0.00	0.55	0.00	0.00	186.66	2.1	329.7	0.00	0.18	0.00	61.54	61.23	0.23	10.35	18.92	83.84	86.68	27-Jan-14 19:00:00	0.23	10.53	18.92	83.84	148.22
27-Jan-14 20:00:00	27-Jan-14 21:00:00	0.00	3.58	0.00	0.00	192.48	2.1	329.7	0.00	1.18	0.00	63.46	61.23	0.23	10.35	18.92	83.84	86.68	27-Jan-14 20:00:00	0.23	11.53	18.92	83.84	150.14
27-Jan-14 21:00:00	27-Jan-14 22:00:00	0.00	11.96	0.00	0.00	189.55	2.1	329.7	0.00	3.94	0.00	62.50	61.23	0.23	10.35	18.92	83.84	86.68	27-Jan-14 21:00:00	0.23	14.29	18.92	83.84	149.18
27-Jan-14 22:00:00	27-Jan-14 23:00:00	0.00	9.65	0.00	0.00	185.57	2.1	329.7	0.00	3.18	0.00	61.18	61.23	0.23	10.35	18.92	83.84	86.68	27-Jan-14 22:00:00	0.23	13.53	18.92	83.84	147.86
27-Jan-14 23:00:00	28-Jan-14 00:00:00	0.00	5.90	0.00	0.00	263.93	2.1	329.7	0.00	1.95	0.00	87.02	61.23	0.23	10.35	18.92	83.84	86.68	27-Jan-14 23:00:00	0.23	12.30	18.92	83.84	173.70
28-Jan-14 00:00:00	28-Jan-14 01:00:00	0.00	2.78	0.00	0.00	261.40	2.1	329.7	0.00	0.92	0.00	86.18	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 00:00:00	0.23	11.27	18.92	83.84	172.86
28-Jan-14 01:00:00	28-Jan-14 02:00:00	0.00	1.58	0.00	0.00	252.92	2.1	329.7	0.00	0.52	0.00	83.39	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 01:00:00	0.23	10.87	18.92	83.84	170.07
28-Jan-14 02:00:00	28-Jan-14 03:00:00	0.00	7.31	0.00	0.00	249.33	2.1	329.7	0.00	2.41	0.00	82.20	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 02:00:00	0.23	12.76	18.92	83.84	168.88
28-Jan-14 03:00:00	28-Jan-14 04:00:00	0.00	2.08	0.00	0.00	287.62	2.1	329.7	0.00	0.69	0.00	94.83	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 03:00:00	0.23	11.04	18.92	83.84	181.51
28-Jan-14 04:00:00	28-Jan-14 05:00:00	0.00	179.51	0.00	0.00	266.50	2.1	329.7	0.00	59.19	0.00	87.87	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 04:00:00	0.23	69.54	18.92	83.84	174.55
28-Jan-14 05:00:00	28-Jan-14 06:00:00	0.00	182.70	0.00	0.00	234.64	2.1	329.7	0.00	60.24	0.00	77.36	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 05:00:00	0.23	70.59	18.92	83.84	164.04
28-Jan-14 06:00:00	28-Jan-14 07:00:00	0.00	522.72	0.00	0.00	354.49	2.1	329.7	0.00	172.34	0.00	115.60	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 06:00:00	0.23	181.69	18.92	83.84	203.48
28-Jan-14 07:00:00	28-Jan-14 08:00:00	0.00	599.29	0.00	0.00	277.16	2.1	329.7	0.00	197.58	0.00	91.38	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 07:00:00	0.23	207.93	18.92	83.84	178.05
28-Jan-14 08:00:00	28-Jan-14 09:00:00	0.00	560.90	0.00	0.00	287.10	2.1	329.7	0.00	184.93	0.00	94.66	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 08:00:00	0.23	195.28	18.92	83.84	181.34
28-Jan-14 09:00:00	28-Jan-14 10:00:00	0.00	725.74	0.00	0.00	907.48	2.1	329.7	0.00	239.27	0.00	299.20	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 09:00:00	0.23	249.62	18.92	83.84	385.88
28-Jan-14 10:00:00	28-Jan-14 11:00:00	0.00	730.90	0.00	0.00	1,018.28	2.1	329.7	0.00	240.98	0.00	335.73	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 10:00:00	0.23	251.33	18.92	83.84	422.41
28-Jan-14 11:00:00	28-Jan-14 12:00:00	0.00	729.30	0.00	0.00	989.49	2.1	329.7	0.00	240.45	0.00	326.23	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 11:00:00	0.23	250.80	18.92	83.84	412.91
28-Jan-14 12:00:00	28-Jan-14 13:00:00	0.00	711.37	0.00	0.00	804.55	2.1	329.7	0.00	234.54	0.00	265.26	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 12:00:00	0.23	244.89	18.92	83.84	351.94
28-Jan-14 13:00:00	28-Jan-14 14:00:00	0.00	665.91	0.00	0.00	775.10	2.1	329.7	0.00	219.55	0.00	255.55	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 13:00:00	0.23	229.90	18.92	83.84	342.23
28-Jan-14 14:00:00	28-Jan-14 15:00:00	0.00	644.08	0.00	0.00	600.19	2.1	329.7	0.00	212.35	0.00	197.88	61.23	0.23	10.35	18.92	83.84	86.68	28-Jan-14 14					

30-Jan-14 18:00:00	30-Jan-14 19:00:00	0.00	577.28	0.00	0.00	881.70	2.1	329.7	0.00	190.33	0.00	0.00	290.70	0.23	10.35	18.92	83.84	86.68	30-Jan-14 18:00:00	0.23	200.68	18.92	83.84	377.38
30-Jan-14 19:00:00	30-Jan-14 20:00:00	0.09	604.57	0.00	0.00	891.76	2.1	329.7	0.03	199.33	0.00	0.00	294.01	0.23	10.35	18.92	83.84	86.68	30-Jan-14 19:00:00	0.26	209.68	18.92	83.84	380.69
30-Jan-14 20:00:00	30-Jan-14 21:00:00	0.00	536.32	0.00	0.00	564.60	2.1	329.7	0.00	176.83	0.00	0.00	186.15	0.23	10.35	18.92	83.84	86.68	30-Jan-14 20:00:00	0.23	187.18	18.92	83.84	272.83
30-Jan-14 21:00:00	30-Jan-14 22:00:00	0.00	564.23	0.00	0.00	646.16	2.1	329.7	0.00	186.03	0.00	0.00	213.04	0.23	10.35	18.92	83.84	86.68	30-Jan-14 21:00:00	0.23	196.38	18.92	83.84	299.72
30-Jan-14 22:00:00	30-Jan-14 23:00:00	0.00	618.18	0.00	0.00	625.78	2.1	329.7	0.00	203.81	0.00	0.00	206.32	0.23	10.35	18.92	83.84	86.68	30-Jan-14 22:00:00	0.23	214.16	18.92	83.84	293.00
30-Jan-14 23:00:00	31-Jan-14 00:00:00	0.00	616.57	0.00	0.00	602.99	2.1	329.7	0.00	203.28	0.00	0.00	198.81	0.23	10.35	18.92	83.84	86.68	30-Jan-14 23:00:00	0.23	213.63	18.92	83.84	285.49
31-Jan-14 00:00:00	31-Jan-14 01:00:00	0.00	613.86	0.00	0.00	587.27	2.1	329.7	0.00	202.39	0.00	0.00	196.92	0.23	10.35	18.92	83.84	86.68	31-Jan-14 00:00:00	0.23	212.74	18.92	83.84	283.60
31-Jan-14 01:00:00	31-Jan-14 02:00:00	0.23	601.40	0.00	0.00	548.90	2.1	329.7	0.07	198.28	0.00	0.00	180.97	0.23	10.35	18.92	83.84	86.68	31-Jan-14 01:00:00	0.30	208.63	18.92	83.84	267.65
31-Jan-14 02:00:00	31-Jan-14 03:00:00	1.18	563.08	0.00	0.00	515.56	2.1	329.7	0.39	185.65	0.00	0.00	169.98	0.23	10.35	18.92	83.84	86.68	31-Jan-14 02:00:00	0.62	196.00	18.92	83.84	256.66
31-Jan-14 03:00:00	31-Jan-14 04:00:00	0.00	546.80	0.00	0.00	564.29	2.1	329.7	0.00	180.25	0.00	0.00	186.05	0.23	10.35	18.92	83.84	86.68	31-Jan-14 03:00:00	0.23	190.63	18.92	83.84	272.73
31-Jan-14 04:00:00	31-Jan-14 05:00:00	0.00	618.79	0.00	0.00	597.60	2.1	329.7	0.00	204.01	0.00	0.00	197.03	0.23	10.35	18.92	83.84	86.68	31-Jan-14 04:00:00	0.23	214.36	18.92	83.84	283.71
31-Jan-14 05:00:00	31-Jan-14 06:00:00	0.71	562.48	0.00	0.00	539.87	2.1	329.7	0.23	185.45	0.00	0.00	177.99	0.23	10.35	18.92	83.84	86.68	31-Jan-14 05:00:00	0.46	195.80	18.92	83.84	264.67
31-Jan-14 06:00:00	31-Jan-14 07:00:00	0.00	515.07	0.00	0.00	545.18	2.1	329.7	0.00	169.82	0.00	0.00	179.74	0.23	10.35	18.92	83.84	86.68	31-Jan-14 06:00:00	0.23	180.17	18.92	83.84	266.42
31-Jan-14 07:00:00	31-Jan-14 08:00:00	0.00	500.26	0.00	0.00	543.13	2.1	329.7	0.00	164.93	0.00	0.00	179.07	0.23	10.35	18.92	83.84	86.68	31-Jan-14 07:00:00	0.23	175.28	18.92	83.84	265.75
31-Jan-14 08:00:00	31-Jan-14 09:00:00	0.00	500.23	0.00	0.00	532.80	2.1	329.7	0.00	164.93	0.00	0.00	175.67	0.23	10.35	18.92	83.84	86.68	31-Jan-14 08:00:00	0.23	175.28	18.92	83.84	262.35
31-Jan-14 09:00:00	31-Jan-14 10:00:00	0.00	495.14	0.00	0.00	531.55	2.1	329.7	0.00	163.25	0.00	0.00	175.25	0.23	10.35	18.92	83.84	86.68	31-Jan-14 09:00:00	0.23	173.60	18.92	83.84	261.93
31-Jan-14 10:00:00	31-Jan-14 11:00:00	0.00	506.39	0.00	0.00	527.39	2.1	329.7	0.00	166.96	0.00	0.00	173.88	0.23	10.35	18.92	83.84	86.68	31-Jan-14 10:00:00	0.23	177.31	18.92	83.84	260.56
31-Jan-14 11:00:00	31-Jan-14 12:00:00	0.00	538.02	0.00	0.00	517.38	2.1	329.7	0.00	177.38	0.00	0.00	170.58	0.23	10.35	18.92	83.84	86.68	31-Jan-14 11:00:00	0.23	187.73	18.92	83.84	257.26
31-Jan-14 12:00:00	31-Jan-14 13:00:00	0.00	532.30	0.00	0.00	508.65	2.1	329.7	0.00	175.50	0.00	0.00	167.70	0.23	10.35	18.92	83.84	86.68	31-Jan-14 12:00:00	0.23	185.85	18.92	83.84	254.38
31-Jan-14 13:00:00	31-Jan-14 14:00:00	0.00	529.13	0.00	0.00	508.06	2.1	329.7	0.00	174.45	0.00	0.00	167.51	0.23	10.35	18.92	83.84	86.68	31-Jan-14 13:00:00	0.23	184.80	18.92	83.84	254.19
31-Jan-14 14:00:00	31-Jan-14 15:00:00	0.00	513.77	0.00	0.00	548.72	2.1	329.7	0.00	169.39	0.00	0.00	180.91	0.23	10.35	18.92	83.84	86.68	31-Jan-14 14:00:00	0.23	179.74	18.92	83.84	267.59
31-Jan-14 15:00:00	31-Jan-14 16:00:00	0.00	540.86	0.00	0.00	654.98	2.1	329.7	0.00	178.32	0.00	0.00	215.95	0.23	10.35	18.92	83.84	86.68	31-Jan-14 15:00:00	0.23	188.67	18.92	83.84	302.63
31-Jan-14 16:00:00	31-Jan-14 17:00:00	0.00	483.58	0.00	0.00	475.31	2.1	329.7	0.00	159.44	0.00	0.00	156.71	0.23	10.35	18.92	83.84	86.68	31-Jan-14 16:00:00	0.23	169.79	18.92	83.84	243.39
31-Jan-14 17:00:00	31-Jan-14 18:00:00	0.00	405.59	0.00	0.00	287.69	2.1	329.7	0.00	133.72	0.00	0.00	94.85	0.23	10.35	18.92	83.84	86.68	31-Jan-14 17:00:00	0.23	144.07	18.92	83.84	181.53
31-Jan-14 18:00:00	31-Jan-14 19:00:00	0.00	401.17	0.00	0.00	286.87	2.1	329.7	0.00	132.77	0.00	0.00	94.58	0.23	10.35	18.92	83.84	86.68	31-Jan-14 18:00:00	0.23	142.62	18.92	83.84	181.26
31-Jan-14 19:00:00	31-Jan-14 20:00:00	0.00	354.19	0.00	0.00	159.32	2.1	329.7	0.00	61.78	0.00	0.00	52.53	0.23	10.35	18.92	83.84	86.68	31-Jan-14 19:00:00	0.23	127.13	18.92	83.84	139.21
31-Jan-14 20:00:00	31-Jan-14 21:00:00	0.00	197.24	0.00	0.00	5.47	2.1	329.7	0.00	116.03	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	31-Jan-14 20:00:00	0.23	75.38	18.92	83.84	88.48
31-Jan-14 21:00:00	31-Jan-14 22:00:00	0.00	188.59	0.00	0.00	5.89	2.1	329.7	0.00	62.18	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	31-Jan-14 21:00:00	0.23	72.53	18.92	83.84	88.62
31-Jan-14 22:00:00	31-Jan-14 23:00:00	0.00	194.69	0.00	0.00	6.31	2.1	329.7	0.00	64.19	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	31-Jan-14 22:00:00	0.23	74.54	18.92	83.84	88.76
01-Feb-14 23:00:00	01-Feb-14 00:00:00	0.00	197.65	0.00	0.00	6.70	2.1	329.7	0.00	65.16	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	31-Jan-14 23:00:00	0.23	75.51	18.92	83.84	88.89
01-Feb-14 00:00:00	01-Feb-14 01:00:00	0.00	203.99	0.00	0.00	6.81	2.1	329.7	0.00	67.26	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	01-Feb-14 00:00:00	0.23	77.61	18.92	83.84	89.93
01-Feb-14 01:00:00	01-Feb-14 02:00:00	0.00	204.23	0.00	0.00	6.85	2.1	329.7	0.00	67.57	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	01-Feb-14 01:00:00	0.23	77.92	18.92	83.84	89.97
01-Feb-14 02:00:00	01-Feb-14 03:00:00	0.00	202.47	0.00	0.00	6.89	2.1	329.7	0.00	67.09	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	01-Feb-14 02:00:00	0.23	77.44	18.92	83.84	89.95
01-Feb-14 03:00:00	01-Feb-14 04:00:00	0.00	305.34	0.00	0.00	6.97	2.1	329.7	0.00	100.67	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	01-Feb-14 03:00:00	0.23	111.02	18.92	83.84	89.98
01-Feb-14 04:00:00	01-Feb-14 05:00:00	0.00	336.98	0.00	0.00	7.01	2.1	329.7	0.00	111.10	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	01-Feb-14 04:00:00	0.23	121.45	18.92	83.84	89.99
01-Feb-14 05:00:00	01-Feb-14 06:00:00	0.00	337.27	0.00	0.00	6.94	2.1	329.7	0.00	111.20	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Feb-14 05:00:00	0.23	121.55	18.92	83.84	89.97
01-Feb-14 06:00:00	01-Feb-14 07:00:00	0.00	340.99	0.00	0.00	6.88	2.1	329.7	0.00	112.42	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	01-Feb-14 06:00:00	0.23	122.77	18.92	83.84	89.95
01-Feb-14 07:00:00	01-Feb-14 08:00:00	0.00	367.74	0.00	0.00	6.80	2.1	329.7	0.00	121.24	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	01-Feb-14 07:00:00	0.23	131.59	18.92	83.84	89.92
01-Feb-14 08:00:00	01-Feb-14 09:00:00	0.00	383.29	0.00	0.00	6.52	2.1	329.7	0.00	126.37	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	01-Feb-14 08:00:00	0.23	136.72	18.92	83.84	88.83
01-Feb-14 09:00:00	01-Feb-14 10:00:00	0.00	332.30	0.00	0.00	6.18	2.1	329.7	0.00	109.56	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	01-Feb-14 09:00:00	0.23	119.91	18.92	83.84	88.72
01-Feb-14 10:00:00	01-Feb-14 11:00:00	0.00	425.28	0.00	0.00	5.83	2.1	329.7	0.00	140.21	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	01-Feb-14 10:00:00	0.23	150.56	18.92	83.84	88.60
01-Feb-14 11:00:00	01-Feb-14 12:00:00	0.00	473.06	0.00	0.00	5.55	2.1	329.7	0.00	155.97	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	01-Feb-14 11:00:00	0.23	166.32	18.92	83.84	88.51
01-Feb-14 12:00:00	01-Feb-14 13:00:00	0.00	475.96	0.00	0.00	5.46	2.1	329.7	0.00	156.92	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	01-Feb-14 12:00:00	0.23	167.27	18.92	83.84	88.48
01-Feb-14 13:00:00	01-Feb-14 14:00:00	0.00	491.69	0.00	0.00	5.30	2.1	329.7	0.00	162.11	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	01-Feb-14 13:00:00	0.23	172.46	18.92		

03-Feb-14 13:00:00	03-Feb-14 14:00:00	0.00	13.78	0.00	0.00	4.52	2.1	329.7	0.00	4.54	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	03-Feb-14 13:00:00	0.23	14.89	18.92	83.84	88.17
03-Feb-14 14:00:00	03-Feb-14 15:00:00	0.00	5.71	0.00	0.00	4.51	2.1	329.7	0.00	1.88	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	03-Feb-14 14:00:00	0.23	12.23	18.92	83.84	88.17
03-Feb-14 15:00:00	03-Feb-14 16:00:00	0.00	0.43	0.00	0.00	4.51	2.1	329.7	0.00	0.14	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	03-Feb-14 15:00:00	0.23	10.49	18.92	83.84	88.17
03-Feb-14 16:00:00	03-Feb-14 17:00:00	0.00	0.00	0.00	0.00	4.66	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	03-Feb-14 16:00:00	0.23	10.35	18.92	83.84	88.22
03-Feb-14 17:00:00	03-Feb-14 18:00:00	0.00	0.00	0.00	0.00	4.96	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	03-Feb-14 17:00:00	0.23	10.35	18.92	83.84	88.52
03-Feb-14 18:00:00	03-Feb-14 19:00:00	0.00	5.52	0.00	0.00	5.26	2.1	329.7	0.00	1.82	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	03-Feb-14 18:00:00	0.23	12.17	18.92	83.84	88.41
03-Feb-14 19:00:00	03-Feb-14 20:00:00	0.00	9.54	0.00	0.00	6.03	2.1	329.7	0.00	3.15	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	03-Feb-14 19:00:00	0.23	13.50	18.92	83.84	88.41
03-Feb-14 20:00:00	03-Feb-14 21:00:00	92.90	28.50	0.00	0.00	5.75	2.1	329.7	30.63	9.40	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	03-Feb-14 20:00:00	30.86	19.75	18.92	83.84	88.58
03-Feb-14 21:00:00	03-Feb-14 22:00:00	260.36	0.00	0.00	0.00	5.89	2.1	329.7	85.84	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	03-Feb-14 21:00:00	86.07	10.35	18.92	83.84	88.62
03-Feb-14 22:00:00	03-Feb-14 23:00:00	325.40	2.21	0.00	0.00	6.03	2.1	329.7	107.29	0.73	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	03-Feb-14 22:00:00	107.52	11.08	18.92	83.84	88.67
03-Feb-14 23:00:00	04-Feb-14 00:00:00	503.95	860.62	0.00	0.00	6.18	2.1	329.7	166.15	283.75	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	04-Feb-14 23:00:00	166.38	294.10	18.92	83.84	88.72
04-Feb-14 00:00:00	04-Feb-14 01:00:00	782.64	1,776.40	0.00	0.00	6.31	2.1	329.7	258.04	585.68	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	04-Feb-14 00:00:00	258.27	596.03	18.92	83.84	88.76
04-Feb-14 01:00:00	04-Feb-14 02:00:00	1,034.81	1,910.20	0.00	0.00	6.34	2.1	329.7	341.18	629.79	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	04-Feb-14 01:00:00	341.41	640.14	18.92	83.84	88.77
04-Feb-14 02:00:00	04-Feb-14 03:00:00	1,124.21	1,932.00	0.00	0.00	6.37	2.1	329.7	370.65	636.98	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	04-Feb-14 02:00:00	370.88	647.33	18.92	83.84	88.78
04-Feb-14 03:00:00	04-Feb-14 04:00:00	423.28	1,934.42	0.00	0.00	6.44	2.1	329.7	139.56	637.78	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	04-Feb-14 03:00:00	139.79	648.13	18.92	83.84	88.80
04-Feb-14 04:00:00	04-Feb-14 05:00:00	425.90	1,892.23	0.00	0.00	6.69	2.1	329.7	140.42	623.87	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	04-Feb-14 04:00:00	140.65	634.22	18.92	83.84	88.89
04-Feb-14 05:00:00	04-Feb-14 06:00:00	472.59	1,882.88	0.00	0.00	6.74	2.1	329.7	155.81	620.79	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	04-Feb-14 05:00:00	156.04	631.14	18.92	83.84	88.90
04-Feb-14 06:00:00	04-Feb-14 07:00:00	1,524.41	85.57	0.00	0.00	6.79	2.1	329.7	502.60	28.21	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Feb-14 06:00:00	502.83	38.56	18.92	83.84	88.92
04-Feb-14 07:00:00	04-Feb-14 08:00:00	1,654.63	2.01	0.00	0.00	6.83	2.1	329.7	545.53	0.66	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	04-Feb-14 07:00:00	545.76	11.01	18.92	83.84	88.93
04-Feb-14 08:00:00	04-Feb-14 09:00:00	1,548.91	0.00	0.00	0.00	6.80	2.1	329.7	510.68	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Feb-14 08:00:00	510.91	10.35	18.92	83.84	88.92
04-Feb-14 09:00:00	04-Feb-14 10:00:00	1,279.65	0.00	0.00	0.00	6.79	2.1	329.7	421.90	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Feb-14 09:00:00	422.13	10.35	18.92	83.84	88.92
04-Feb-14 10:00:00	04-Feb-14 11:00:00	1,274.89	0.00	0.00	0.00	6.79	2.1	329.7	420.33	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Feb-14 10:00:00	420.56	10.35	18.92	83.84	88.92
04-Feb-14 11:00:00	04-Feb-14 12:00:00	1,405.83	0.00	0.00	0.00	6.79	2.1	329.7	463.50	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Feb-14 11:00:00	463.73	10.35	18.92	83.84	88.92
04-Feb-14 12:00:00	04-Feb-14 13:00:00	1,422.14	0.00	0.00	0.00	6.82	2.1	329.7	468.88	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	04-Feb-14 12:00:00	469.11	10.35	18.92	83.84	88.93
04-Feb-14 13:00:00	04-Feb-14 14:00:00	1,759.68	0.00	0.00	0.00	6.79	2.1	329.7	580.17	0.00	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	04-Feb-14 13:00:00	580.40	10.35	18.92	83.84	88.92
04-Feb-14 14:00:00	04-Feb-14 15:00:00	1,532.43	0.00	0.00	0.00	6.76	2.1	329.7	505.24	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	04-Feb-14 14:00:00	505.47	10.35	18.92	83.84	88.91
04-Feb-14 15:00:00	04-Feb-14 16:00:00	1,589.93	0.00	0.00	0.00	6.73	2.1	329.7	524.20	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	04-Feb-14 15:00:00	524.43	10.35	18.92	83.84	88.90
04-Feb-14 16:00:00	04-Feb-14 17:00:00	1,655.24	0.00	0.00	0.00	6.69	2.1	329.7	545.73	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	04-Feb-14 16:00:00	545.96	10.35	18.92	83.84	88.89
04-Feb-14 17:00:00	04-Feb-14 18:00:00	1,675.95	0.00	0.00	0.00	6.67	2.1	329.7	552.56	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	04-Feb-14 17:00:00	552.79	10.35	18.92	83.84	88.88
04-Feb-14 18:00:00	04-Feb-14 19:00:00	1,661.65	0.00	0.00	0.00	6.64	2.1	329.7	547.85	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	04-Feb-14 18:00:00	548.08	10.35	18.92	83.84	88.87
04-Feb-14 19:00:00	04-Feb-14 20:00:00	1,801.32	0.00	0.00	0.00	6.61	2.1	329.7	593.90	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	04-Feb-14 19:00:00	594.13	10.35	18.92	83.84	88.86
04-Feb-14 20:00:00	04-Feb-14 21:00:00	1,524.49	0.00	0.00	0.00	6.61	2.1	329.7	502.63	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	04-Feb-14 20:00:00	502.86	10.35	18.92	83.84	88.86
04-Feb-14 21:00:00	04-Feb-14 22:00:00	1,405.02	0.00	0.00	0.00	6.62	2.1	329.7	463.22	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	04-Feb-14 21:00:00	463.46	10.35	18.92	83.84	88.86
04-Feb-14 22:00:00	04-Feb-14 23:00:00	1,716.36	0.00	0.00	0.00	6.60	2.1	329.7	565.88	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	04-Feb-14 22:00:00	566.11	10.35	18.92	83.84	88.86
04-Feb-14 23:00:00	05-Feb-14 00:00:00	1,758.66	0.00	0.00	0.00	1,138.72	2.1	329.7	579.83	0.00	0.00	0.00	375.44	0.23	10.35	18.92	83.84	86.68	04-Feb-14 23:00:00	580.06	10.35	18.92	83.84	462.12
05-Feb-14 00:00:00	05-Feb-14 01:00:00	1,464.01	0.00	0.00	0.00	545.45	2.1	329.7	482.68	0.00	0.00	0.00	179.83	0.23	10.35	18.92	83.84	86.68	05-Feb-14 00:00:00	482.91	10.35	18.92	83.84	266.51
05-Feb-14 01:00:00	05-Feb-14 02:00:00	1,582.87	0.00	0.00	0.00	6.34	2.1	329.7	521.87	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	05-Feb-14 01:00:00	522.10	10.35	18.92	83.84	88.77
05-Feb-14 02:00:00	05-Feb-14 03:00:00	1,727.05	0.00	0.00	0.00	6.47	2.1	329.7	569.41	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	05-Feb-14 02:00:00	569.64	10.35	18.92	83.84	88.81
05-Feb-14 03:00:00	05-Feb-14 04:00:00	1,436.53	263.25	0.00	0.00	6.60	2.1	329.7	473.62	86.79	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	05-Feb-14 03:00:00	473.85	97.14	18.92	83.84	88.86
05-Feb-14 04:00:00	05-Feb-14 05:00:00	1,198.97	231.53	0.00	0.00	6.74	2.1	329.7	395.30	76.34	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	05-Feb-14 04:00:00	395.53	86.69	18.92	83.84	

07-Feb-14 08:00:00	07-Feb-14 09:00:00	0.00	1.04	0.00	0.00	845.87	2.1	329.7	0.00	0.34	0.00	0.00	278.88	0.23	10.35	18.92	83.84	86.68	07-Feb-14 08:00:00	0.23	10.69	18.92	83.84	365.56
07-Feb-14 09:00:00	07-Feb-14 10:00:00	0.00	0.62	0.00	0.00	848.04	2.1	329.7	0.00	0.20	0.00	0.00	279.60	0.23	10.35	18.92	83.84	86.68	07-Feb-14 09:00:00	0.23	10.55	18.92	83.84	366.28
07-Feb-14 10:00:00	07-Feb-14 11:00:00	0.00	0.29	0.00	0.00	859.99	2.1	329.7	0.00	0.10	0.00	0.00	283.54	0.23	10.35	18.92	83.84	86.68	07-Feb-14 10:00:00	0.23	10.45	18.92	83.84	370.22
07-Feb-14 11:00:00	07-Feb-14 12:00:00	0.00	2.23	0.00	0.00	882.03	2.1	329.7	0.00	0.73	0.00	0.00	290.80	0.23	10.35	18.92	83.84	86.68	07-Feb-14 11:00:00	0.23	11.08	18.92	83.84	377.48
07-Feb-14 12:00:00	07-Feb-14 13:00:00	0.00	0.76	0.00	0.00	583.96	2.1	329.7	0.00	0.25	0.00	0.00	192.53	0.23	10.35	18.92	83.84	86.68	07-Feb-14 12:00:00	0.23	10.60	18.92	83.84	379.21
07-Feb-14 13:00:00	07-Feb-14 14:00:00	0.00	0.00	0.00	0.00	339.62	2.1	329.7	0.00	0.00	0.00	0.00	111.97	0.23	10.35	18.92	83.84	86.68	07-Feb-14 13:00:00	0.23	10.35	18.92	83.84	198.65
07-Feb-14 14:00:00	07-Feb-14 15:00:00	0.00	0.00	0.00	0.00	151.81	2.1	329.7	0.00	0.00	0.00	0.00	50.05	0.23	10.35	18.92	83.84	86.68	07-Feb-14 14:00:00	0.23	10.35	18.92	83.84	136.73
07-Feb-14 15:00:00	07-Feb-14 16:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	07-Feb-14 15:00:00	0.23	10.35	18.92	83.84	88.40
07-Feb-14 16:00:00	07-Feb-14 17:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	07-Feb-14 16:00:00	0.23	10.35	18.92	83.84	88.40
07-Feb-14 17:00:00	07-Feb-14 18:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	07-Feb-14 17:00:00	0.23	10.35	18.92	83.84	88.41
07-Feb-14 18:00:00	07-Feb-14 19:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	07-Feb-14 18:00:00	0.23	10.35	18.92	83.84	88.45
07-Feb-14 19:00:00	07-Feb-14 20:00:00	0.00	0.00	0.00	0.00	58.06	2.1	329.7	0.00	0.00	0.00	0.00	19.14	0.23	10.35	18.92	83.84	86.68	07-Feb-14 19:00:00	0.23	10.35	18.92	83.84	105.82
07-Feb-14 20:00:00	07-Feb-14 21:00:00	0.00	0.00	0.00	0.00	142.55	2.1	329.7	0.00	0.00	0.00	0.00	47.00	0.23	10.35	18.92	83.84	86.68	07-Feb-14 20:00:00	0.23	10.35	18.92	83.84	133.68
07-Feb-14 21:00:00	07-Feb-14 22:00:00	0.00	0.00	0.00	0.00	887.15	2.1	329.7	0.00	0.00	0.00	0.00	292.49	0.23	10.35	18.92	83.84	86.68	07-Feb-14 21:00:00	0.23	10.35	18.92	83.84	379.17
07-Feb-14 22:00:00	07-Feb-14 23:00:00	0.00	0.00	0.00	0.00	875.41	2.1	329.7	0.00	0.00	0.00	0.00	288.62	0.23	10.35	18.92	83.84	86.68	07-Feb-14 22:00:00	0.23	10.35	18.92	83.84	375.30
07-Feb-14 23:00:00	08-Feb-14 00:00:00	0.00	0.00	0.00	0.00	933.20	2.1	329.7	0.00	0.00	0.00	0.00	307.68	0.23	10.35	18.92	83.84	86.68	07-Feb-14 23:00:00	0.23	10.35	18.92	83.84	394.36
08-Feb-14 00:00:00	08-Feb-14 01:00:00	0.00	0.00	0.00	0.00	1,182.28	2.1	329.7	0.00	0.00	0.00	0.00	389.80	0.23	10.35	18.92	83.84	86.68	08-Feb-14 00:00:00	0.23	10.35	18.92	83.84	476.48
08-Feb-14 01:00:00	08-Feb-14 02:00:00	0.00	0.00	0.00	0.00	727.72	2.1	329.7	0.00	0.00	0.00	0.00	239.93	0.23	10.35	18.92	83.84	86.68	08-Feb-14 01:00:00	0.23	10.35	18.92	83.84	326.61
08-Feb-14 02:00:00	08-Feb-14 03:00:00	0.00	0.00	0.00	0.00	152.33	2.1	329.7	0.00	0.00	0.00	0.00	50.22	0.23	10.35	18.92	83.84	86.68	08-Feb-14 02:00:00	0.23	10.35	18.92	83.84	135.90
08-Feb-14 03:00:00	08-Feb-14 04:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	08-Feb-14 03:00:00	0.23	10.35	18.92	83.84	88.77
08-Feb-14 04:00:00	08-Feb-14 05:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	08-Feb-14 04:00:00	0.23	10.35	18.92	83.84	88.81
08-Feb-14 05:00:00	08-Feb-14 06:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	08-Feb-14 05:00:00	0.23	10.35	18.92	83.84	88.84
08-Feb-14 06:00:00	08-Feb-14 07:00:00	0.00	0.00	0.00	0.00	6.64	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	08-Feb-14 06:00:00	0.23	10.35	18.92	83.84	88.87
08-Feb-14 07:00:00	08-Feb-14 08:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	08-Feb-14 07:00:00	0.23	10.35	18.92	83.84	88.85
08-Feb-14 08:00:00	08-Feb-14 09:00:00	0.00	0.00	0.00	0.00	17.63	2.1	329.7	0.00	0.00	0.00	0.00	5.81	0.23	10.35	18.92	83.84	86.68	08-Feb-14 08:00:00	0.23	10.35	18.92	83.84	92.49
08-Feb-14 09:00:00	08-Feb-14 10:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	08-Feb-14 09:00:00	0.23	10.35	18.92	83.84	88.76
08-Feb-14 10:00:00	08-Feb-14 11:00:00	0.00	0.00	0.00	0.00	6.00	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	08-Feb-14 10:00:00	0.23	10.35	18.92	83.84	88.66
08-Feb-14 11:00:00	08-Feb-14 12:00:00	0.00	0.00	0.00	0.00	5.70	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	08-Feb-14 11:00:00	0.23	10.35	18.92	83.84	88.56
08-Feb-14 12:00:00	08-Feb-14 13:00:00	0.00	0.12	0.00	0.00	5.41	2.1	329.7	0.00	0.04	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	08-Feb-14 12:00:00	0.23	10.39	18.92	83.84	88.47
08-Feb-14 13:00:00	08-Feb-14 14:00:00	0.00	0.43	0.00	0.00	5.22	2.1	329.7	0.00	0.14	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	08-Feb-14 13:00:00	0.23	10.49	18.92	83.84	88.40
08-Feb-14 14:00:00	08-Feb-14 15:00:00	0.00	0.74	0.00	0.00	58.44	2.1	329.7	0.00	0.24	0.00	0.00	19.27	0.23	10.35	18.92	83.84	86.68	08-Feb-14 14:00:00	0.23	10.59	18.92	83.84	105.95
08-Feb-14 15:00:00	08-Feb-14 16:00:00	0.00	4.90	0.00	0.00	2.45	2.1	329.7	0.00	1.62	0.00	0.00	4.90	0.23	10.35	18.92	83.84	86.68	08-Feb-14 15:00:00	0.23	11.97	18.92	83.84	89.35
08-Feb-14 16:00:00	08-Feb-14 17:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	08-Feb-14 16:00:00	0.23	10.35	18.92	83.84	88.36
08-Feb-14 17:00:00	08-Feb-14 18:00:00	0.00	0.00	0.00	0.00	5.06	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	08-Feb-14 17:00:00	0.23	10.35	18.92	83.84	88.35
08-Feb-14 18:00:00	08-Feb-14 19:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	08-Feb-14 18:00:00	0.23	10.35	18.92	83.84	88.36
08-Feb-14 19:00:00	08-Feb-14 20:00:00	0.00	0.00	0.00	0.00	5.34	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	08-Feb-14 19:00:00	0.23	10.35	18.92	83.84	88.44
08-Feb-14 20:00:00	08-Feb-14 21:00:00	0.00	1.97	0.00	0.00	42.63	2.1	329.7	0.00	0.65	0.00	0.00	14.06	0.23	10.35	18.92	83.84	86.68	08-Feb-14 20:00:00	0.23	11.00	18.92	83.84	100.74
08-Feb-14 21:00:00	08-Feb-14 22:00:00	0.00	3.17	0.00	0.00	5.83	2.1	329.7	0.00	1.05	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	08-Feb-14 21:00:00	0.23	11.40	18.92	83.84	88.60
08-Feb-14 22:00:00	08-Feb-14 23:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	08-Feb-14 22:00:00	0.23	10.35	18.92	83.84	88.66
08-Feb-14 23:00:00	09-Feb-14 00:00:00	0.20	0.00	0.00	0.00	6.15	2.1	329.7	0.06	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	08-Feb-14 23:00:00	0.29	10.35	18.92	83.84	88.71
09-Feb-14 00:00:00	09-Feb-14 01:00:00	0.49	0.00	0.00	0.00	6.30	2.1	329.7	0.16	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68						

11-Feb-14 03:00:00	11-Feb-14 04:00:00	0.00	0.00	0.00	0.00	200.98	2.1	329.7	0.00	0.00	0.00	66.26	0.23	10.35	18.92	83.84	86.68	11-Feb-14 03:00:00	0.23	10.35	18.92	83.84	152.94
11-Feb-14 04:00:00	11-Feb-14 05:00:00	0.00	0.00	0.00	0.00	292.53	2.1	329.7	0.00	0.00	0.00	96.45	0.23	10.35	18.92	83.84	86.68	11-Feb-14 04:00:00	0.23	10.35	18.92	83.84	183.13
11-Feb-14 05:00:00	11-Feb-14 06:00:00	0.00	0.00	0.00	0.00	300.44	2.1	329.7	0.00	0.00	0.00	99.05	0.23	10.35	18.92	83.84	86.68	11-Feb-14 05:00:00	0.23	10.35	18.92	83.84	185.73
11-Feb-14 06:00:00	11-Feb-14 07:00:00	0.00	0.00	0.00	0.00	333.86	2.1	329.7	0.00	0.00	0.00	110.07	0.23	10.35	18.92	83.84	86.68	11-Feb-14 06:00:00	0.23	10.35	18.92	83.84	196.75
11-Feb-14 07:00:00	11-Feb-14 08:00:00	0.00	0.00	0.00	0.00	230.76	2.1	329.7	0.00	0.00	0.00	76.08	0.23	10.35	18.92	83.84	86.68	11-Feb-14 07:00:00	0.23	10.35	18.92	83.84	162.76
11-Feb-14 08:00:00	11-Feb-14 09:00:00	0.00	46.62	0.00	0.00	389.23	2.1	329.7	0.00	15.37	0.00	128.33	0.23	10.35	18.92	83.84	86.68	11-Feb-14 08:00:00	0.23	25.72	18.92	83.84	215.01
11-Feb-14 09:00:00	11-Feb-14 10:00:00	0.00	545.06	0.00	0.00	389.88	2.1	329.7	0.00	179.71	0.00	128.54	0.23	10.35	18.92	83.84	86.68	11-Feb-14 09:00:00	0.23	190.06	18.92	83.84	215.22
11-Feb-14 10:00:00	11-Feb-14 11:00:00	0.00	1,139.22	0.00	0.00	398.64	2.1	329.7	0.00	375.60	0.00	131.43	0.23	10.35	18.92	83.84	86.68	11-Feb-14 10:00:00	0.23	385.95	18.92	83.84	218.11
11-Feb-14 11:00:00	11-Feb-14 12:00:00	0.00	914.91	0.00	0.00	514.29	2.1	329.7	0.00	301.65	0.00	169.56	0.23	10.35	18.92	83.84	86.68	11-Feb-14 11:00:00	0.23	312.00	18.92	83.84	256.24
11-Feb-14 12:00:00	11-Feb-14 13:00:00	0.00	1,485.00	0.00	0.00	420.55	2.1	329.7	0.00	489.60	0.00	138.65	0.23	10.35	18.92	83.84	86.68	11-Feb-14 12:00:00	0.23	499.95	18.92	83.84	225.33
11-Feb-14 13:00:00	11-Feb-14 14:00:00	0.00	1,472.54	0.00	0.00	291.22	2.1	329.7	0.00	485.50	0.00	96.02	0.23	10.35	18.92	83.84	86.68	11-Feb-14 13:00:00	0.23	495.85	18.92	83.84	182.70
11-Feb-14 14:00:00	11-Feb-14 15:00:00	0.00	1,468.41	0.00	0.00	212.49	2.1	329.7	0.00	484.13	0.00	70.06	0.23	10.35	18.92	83.84	86.68	11-Feb-14 14:00:00	0.23	494.48	18.92	83.84	156.74
11-Feb-14 15:00:00	11-Feb-14 16:00:00	0.00	1,462.74	0.00	0.00	199.09	2.1	329.7	0.00	482.23	0.00	65.64	0.23	10.35	18.92	83.84	86.68	11-Feb-14 15:00:00	0.23	492.62	18.92	83.84	152.32
11-Feb-14 16:00:00	11-Feb-14 17:00:00	0.00	1,415.32	0.00	0.00	169.99	2.1	329.7	0.00	466.67	0.00	56.05	0.23	10.35	18.92	83.84	86.68	11-Feb-14 16:00:00	0.23	476.98	18.92	83.84	147.73
11-Feb-14 17:00:00	11-Feb-14 18:00:00	0.00	927.90	0.00	0.00	218.82	2.1	329.7	0.00	305.93	0.00	72.14	0.23	10.35	18.92	83.84	86.68	11-Feb-14 17:00:00	0.23	316.28	18.92	83.84	158.82
11-Feb-14 18:00:00	11-Feb-14 19:00:00	0.00	900.37	0.00	0.00	294.36	2.1	329.7	0.00	296.85	0.00	97.05	0.23	10.35	18.92	83.84	86.68	11-Feb-14 18:00:00	0.23	307.20	18.92	83.84	183.73
11-Feb-14 19:00:00	11-Feb-14 20:00:00	0.00	825.30	0.00	0.00	294.90	2.1	329.7	0.00	272.10	0.00	97.23	0.23	10.35	18.92	83.84	86.68	11-Feb-14 19:00:00	0.23	282.45	18.92	83.84	183.91
11-Feb-14 20:00:00	11-Feb-14 21:00:00	0.00	26.70	0.00	0.00	250.92	2.1	329.7	0.00	8.80	0.00	95.92	0.23	10.35	18.92	83.84	86.68	11-Feb-14 20:00:00	0.23	19.15	18.92	83.84	182.60
11-Feb-14 21:00:00	11-Feb-14 22:00:00	0.55	4.66	0.00	0.00	290.34	2.1	329.7	0.18	1.54	0.00	95.73	0.23	10.35	18.92	83.84	86.68	11-Feb-14 21:00:00	0.41	11.89	18.92	83.84	182.41
11-Feb-14 22:00:00	11-Feb-14 23:00:00	0.00	4.85	0.00	0.00	289.76	2.1	329.7	0.00	1.60	0.00	95.53	0.23	10.35	18.92	83.84	86.68	11-Feb-14 22:00:00	0.23	11.85	18.92	83.84	182.21
11-Feb-14 23:00:00	12-Feb-14 00:00:00	0.00	5.03	0.00	1.15	292.44	2.1	329.7	0.00	1.66	0.00	96.42	0.23	10.35	18.92	83.84	86.68	11-Feb-14 23:00:00	0.23	12.01	18.92	84.22	183.10
12-Feb-14 00:00:00	12-Feb-14 01:00:00	0.00	241.19	0.00	0.00	289.37	2.1	329.7	0.00	79.52	0.00	95.40	0.23	10.35	18.92	83.84	86.68	12-Feb-14 00:00:00	0.23	89.87	18.92	83.84	182.08
12-Feb-14 01:00:00	12-Feb-14 02:00:00	0.00	264.70	0.00	0.00	289.91	2.1	329.7	0.00	87.27	0.00	95.58	0.23	10.35	18.92	83.84	86.68	12-Feb-14 01:00:00	0.23	97.62	18.92	83.84	182.26
12-Feb-14 02:00:00	12-Feb-14 03:00:00	0.00	231.29	0.00	0.00	345.06	2.1	329.7	0.00	76.26	0.00	113.77	0.23	10.35	18.92	83.84	86.68	12-Feb-14 02:00:00	0.23	86.61	18.92	83.84	200.45
12-Feb-14 03:00:00	12-Feb-14 04:00:00	0.00	345.59	0.00	0.00	288.63	2.1	329.7	0.00	113.94	0.00	95.16	0.23	10.35	18.92	83.84	86.68	12-Feb-14 03:00:00	0.23	124.29	18.92	83.84	181.84
12-Feb-14 04:00:00	12-Feb-14 05:00:00	0.00	291.63	0.00	0.00	289.59	2.1	329.7	0.00	96.15	0.00	95.48	0.23	10.35	18.92	83.84	86.68	12-Feb-14 04:00:00	0.23	106.50	18.92	83.84	182.16
12-Feb-14 05:00:00	12-Feb-14 06:00:00	0.00	386.06	0.00	0.00	293.26	2.1	329.7	0.00	127.28	0.00	96.69	0.23	10.35	18.92	83.84	86.68	12-Feb-14 05:00:00	0.23	137.63	18.92	83.84	183.37
12-Feb-14 06:00:00	12-Feb-14 07:00:00	0.00	442.37	0.00	0.00	294.72	2.1	329.7	0.00	145.85	0.00	97.17	0.23	10.35	18.92	83.84	86.68	12-Feb-14 06:00:00	0.23	156.20	18.92	83.84	183.85
12-Feb-14 07:00:00	12-Feb-14 08:00:00	0.00	438.52	0.00	0.00	547.80	2.1	329.7	0.00	144.58	0.00	180.61	0.23	10.35	18.92	83.84	86.68	12-Feb-14 07:00:00	0.23	154.93	18.92	83.84	267.29
12-Feb-14 08:00:00	12-Feb-14 09:00:00	0.00	436.13	0.00	0.00	874.25	2.1	329.7	0.00	143.79	0.00	288.24	0.23	10.35	18.92	83.84	86.68	12-Feb-14 08:00:00	0.23	154.14	18.92	83.84	374.92
12-Feb-14 09:00:00	12-Feb-14 10:00:00	0.00	441.96	0.00	0.00	200.27	2.1	329.7	0.00	145.71	0.00	66.03	0.23	10.35	18.92	83.84	86.68	12-Feb-14 09:00:00	0.23	156.06	18.92	83.84	152.71
12-Feb-14 10:00:00	12-Feb-14 11:00:00	0.00	439.89	0.00	0.00	166.83	2.1	329.7	0.00	145.03	0.00	55.00	0.23	10.35	18.92	83.84	86.68	12-Feb-14 10:00:00	0.23	155.38	18.92	83.84	141.68
12-Feb-14 11:00:00	12-Feb-14 12:00:00	0.00	455.38	0.00	0.00	82.36	2.1	329.7	0.00	150.14	0.00	2.72	0.23	10.35	18.92	83.84	86.68	12-Feb-14 11:00:00	0.23	160.49	18.92	83.84	89.40
12-Feb-14 12:00:00	12-Feb-14 13:00:00	0.00	575.96	0.00	0.00	8.18	2.1	329.7	0.00	189.90	0.00	2.70	0.23	10.35	18.92	83.84	86.68	12-Feb-14 12:00:00	0.23	200.25	18.92	83.84	89.38
12-Feb-14 13:00:00	12-Feb-14 14:00:00	0.00	853.72	0.00	0.00	8.09	2.1	329.7	0.00	281.47	0.00	2.67	0.23	10.35	18.92	83.84	86.68	12-Feb-14 13:00:00	0.23	291.82	18.92	83.84	89.35
12-Feb-14 14:00:00	12-Feb-14 15:00:00	0.00	1,209.98	0.00	0.00	8.01	2.1	329.7	0.00	396.95	0.00	2.64	0.23	10.35	18.92	83.84	86.68	12-Feb-14 14:00:00	0.23	407.30	18.92	83.84	89.32
12-Feb-14 15:00:00	12-Feb-14 16:00:00	0.00	1,203.60	0.00	0.00	10.62	2.1	329.7	0.00	396.83	0.00	3.50	0.23	10.35	18.92	83.84	86.68	12-Feb-14 15:00:00	0.23	407.18	18.92	83.84	90.18
12-Feb-14 16:00:00	12-Feb-14 17:00:00	0.00	1,205.23	0.00	0.00	60.85	2.1	329.7	0.00	397.37	0.00	20.06	0.23	10.35	18.92	83.84	86.68	12-Feb-14 16:00:00	0.23	407.72	18.92	83.84	106.74
12-Feb-14 17:00:00	12-Feb-14 18:00:00	0.00	786.67	0.00	0.00	7.76	2.1	329.7	0.00	259.37	0.00	2.56	0.23	10.35	18.92	83.84	86.68	12-Feb-14 17:00:00	0.23	269.72	18.92	83.84	89.24
12-Feb-14 18:00:00	12-Feb-14 19:00:00	0.00	778.53	0.00	0.00	7.73	2.1	329.7	0.00	256.68	0.00	2.55	0.23	10.35	18.92	83.84	86.68	12-Feb-14 18:00:00	0.23	267.03	18.92	83.84	89.23
12-Feb-14 19:00:00	12-Feb-14 20:00:00	0.00	793.41	0.00	0.00	7.71	2.1	329.7	0.00	261.59	0.00	2.54	0.23	10.35	18.92	83.84	86.68	12-Feb-14 19:00:00	0.23	271.94	18.92	83.84	89.22
12-Feb-14 20:00:00	12-Feb-14 21:00:00	0.00	1,122.35	0.00	0.00	7.63	2.1	329.7	0.00	370.04	0.00	2.52	0.23	10.35	18.92	83.84	86.68	12-Feb-14 20:00:00	0.23	380.39	18.92	83.84	89.20
12-Feb-14 21:00:00	12-Feb-14 22:00:00	0.00	1,098.33	0.00	0.00	7.48	2.1	329.7	0.00	362.12	0.00	2.47	0.23	10.35	18.92	83.84	86.68	12-Feb-14 21:00:00	0.23	372.47	18.92	83.84	89.15
12-Feb-14 22:00:00	12-Feb-14 23:00:00	0.00	1,157.26	0.00	0.00	7.33	2.1	329.7	0.00	381.55	0.00	2.42	0.23	10.35	18.92	83.84	86.68	12-Feb-14 22:00:00	0.23	391.90	18.92	83.84	89.10
12-Feb-14 23:00:00	13-Feb-14 00:00:00	0.00	1,183.89	0.00	11.65	20.95	2.1	329.7	0.00	390.33	0.00	3.84	0.23	10.35	18.92	83.84	86.68	12-Feb-14 23:00:00	0.2				

14-Feb-14 22:00:00	14-Feb-14 23:00:00	0.00	1,118.93	0.00	0.00	651.26	2.1	329.7	0.00	368.91	0.00	0.00	214.72	0.23	10.35	18.92	83.84	86.68	14-Feb-14 22:00:00	0.23	379.26	18.92	83.84	301.40
14-Feb-14 23:00:00	15-Feb-14 00:00:00	0.00	1,109.34	0.00	0.00	765.68	2.1	329.7	0.00	365.75	0.00	0.00	252.45	0.23	10.35	18.92	83.84	86.68	14-Feb-14 23:00:00	0.23	376.10	18.92	83.84	339.13
15-Feb-14 00:00:00	15-Feb-14 01:00:00	0.27	1,123.65	0.00	0.00	757.45	2.1	329.7	0.09	370.47	0.00	0.00	249.73	0.23	10.35	18.92	83.84	86.68	15-Feb-14 00:00:00	0.32	380.82	18.92	83.84	336.41
15-Feb-14 01:00:00	15-Feb-14 02:00:00	0.47	1,013.32	0.00	0.00	681.86	2.1	329.7	0.16	334.09	0.00	0.00	224.81	0.23	10.35	18.92	83.84	86.68	15-Feb-14 01:00:00	0.39	344.44	18.92	83.84	311.49
15-Feb-14 02:00:00	15-Feb-14 03:00:00	0.00	970.82	0.00	0.00	624.04	2.1	329.7	0.00	320.08	0.00	0.00	205.75	0.23	10.35	18.92	83.84	86.68	15-Feb-14 02:00:00	0.23	330.43	18.92	83.84	292.43
15-Feb-14 03:00:00	15-Feb-14 04:00:00	0.00	1,116.27	0.00	0.00	638.94	2.1	329.7	0.00	368.94	0.00	0.00	210.36	0.23	10.35	18.92	83.84	86.68	15-Feb-14 03:00:00	0.23	378.39	18.92	83.84	297.04
15-Feb-14 04:00:00	15-Feb-14 05:00:00	0.00	1,027.59	0.00	0.00	538.73	2.1	329.7	0.00	338.80	0.00	0.00	177.62	0.23	10.35	18.92	83.84	86.68	15-Feb-14 04:00:00	0.23	349.15	18.92	83.84	264.30
15-Feb-14 05:00:00	15-Feb-14 06:00:00	0.00	818.28	0.00	0.00	549.74	2.1	329.7	0.00	269.79	0.00	0.00	181.25	0.23	10.35	18.92	83.84	86.68	15-Feb-14 05:00:00	0.23	280.14	18.92	83.84	267.93
15-Feb-14 06:00:00	15-Feb-14 07:00:00	0.00	818.59	0.00	0.00	514.90	2.1	329.7	0.00	269.89	0.00	0.00	169.76	0.23	10.35	18.92	83.84	86.68	15-Feb-14 06:00:00	0.23	280.24	18.92	83.84	256.44
15-Feb-14 07:00:00	15-Feb-14 08:00:00	0.00	924.30	0.00	0.00	599.91	2.1	329.7	0.00	304.74	0.00	0.00	197.79	0.23	10.35	18.92	83.84	86.68	15-Feb-14 07:00:00	0.23	315.09	18.92	83.84	284.47
15-Feb-14 08:00:00	15-Feb-14 09:00:00	0.00	979.05	0.00	0.00	716.11	2.1	329.7	0.00	322.79	0.00	0.00	236.10	0.23	10.35	18.92	83.84	86.68	15-Feb-14 08:00:00	0.23	333.14	18.92	83.84	322.78
15-Feb-14 09:00:00	15-Feb-14 10:00:00	0.00	953.98	0.00	0.00	701.45	2.1	329.7	0.00	314.53	0.00	0.00	231.27	0.23	10.35	18.92	83.84	86.68	15-Feb-14 09:00:00	0.23	324.88	18.92	83.84	317.95
15-Feb-14 10:00:00	15-Feb-14 11:00:00	0.00	902.69	0.00	0.00	750.91	2.1	329.7	0.00	297.62	0.00	0.00	247.57	0.23	10.35	18.92	83.84	86.68	15-Feb-14 10:00:00	0.23	307.97	18.92	83.84	334.25
15-Feb-14 11:00:00	15-Feb-14 12:00:00	0.00	987.56	0.00	0.00	968.49	2.1	329.7	0.00	325.60	0.00	0.00	319.31	0.23	10.35	18.92	83.84	86.68	15-Feb-14 11:00:00	0.23	335.95	18.92	83.84	405.99
15-Feb-14 12:00:00	15-Feb-14 13:00:00	0.00	1,011.20	0.00	0.00	825.88	2.1	329.7	0.00	333.39	0.00	0.00	272.29	0.23	10.35	18.92	83.84	86.68	15-Feb-14 12:00:00	0.23	343.74	18.92	83.84	358.97
15-Feb-14 13:00:00	15-Feb-14 14:00:00	0.00	1,057.75	0.00	0.00	556.94	2.1	329.7	0.00	348.74	0.00	0.00	183.62	0.23	10.35	18.92	83.84	86.68	15-Feb-14 13:00:00	0.23	359.09	18.92	83.84	270.30
15-Feb-14 14:00:00	15-Feb-14 15:00:00	0.00	999.75	0.00	0.00	580.17	2.1	329.7	0.00	329.62	0.00	0.00	191.28	0.23	10.35	18.92	83.84	86.68	15-Feb-14 14:00:00	0.23	339.97	18.92	83.84	277.96
15-Feb-14 15:00:00	15-Feb-14 16:00:00	0.00	1,112.72	0.00	0.00	640.81	2.1	329.7	0.00	366.86	0.00	0.00	211.27	0.23	10.35	18.92	83.84	86.68	15-Feb-14 15:00:00	0.23	377.21	18.92	83.84	297.95
15-Feb-14 16:00:00	15-Feb-14 17:00:00	0.00	1,128.57	0.00	0.00	687.28	2.1	329.7	0.00	372.09	0.00	0.00	226.60	0.23	10.35	18.92	83.84	86.68	15-Feb-14 16:00:00	0.23	382.44	18.92	83.84	313.28
15-Feb-14 17:00:00	15-Feb-14 18:00:00	0.00	949.63	0.00	0.00	628.44	2.1	329.7	0.00	310.09	0.00	0.00	207.20	0.23	10.35	18.92	83.84	86.68	15-Feb-14 17:00:00	0.23	323.44	18.92	83.84	293.88
15-Feb-14 18:00:00	15-Feb-14 19:00:00	0.00	858.98	0.00	0.00	643.07	2.1	329.7	0.00	282.55	0.00	0.00	212.02	0.23	10.35	18.92	83.84	86.68	15-Feb-14 18:00:00	0.23	292.90	18.92	83.84	298.70
15-Feb-14 19:00:00	15-Feb-14 20:00:00	0.00	830.81	0.00	0.00	570.75	2.1	329.7	0.00	273.92	0.00	0.00	188.18	0.23	10.35	18.92	83.84	86.68	15-Feb-14 19:00:00	0.23	284.27	18.92	83.84	274.86
15-Feb-14 20:00:00	15-Feb-14 21:00:00	0.00	682.52	0.00	0.00	444.77	2.1	329.7	0.00	225.03	0.00	0.00	146.64	0.23	10.35	18.92	83.84	86.68	15-Feb-14 20:00:00	0.23	235.38	18.92	83.84	233.32
15-Feb-14 21:00:00	15-Feb-14 22:00:00	0.00	672.63	0.00	0.00	429.63	2.1	329.7	0.00	221.77	0.00	0.00	141.65	0.23	10.35	18.92	83.84	86.68	15-Feb-14 21:00:00	0.23	232.12	18.92	83.84	228.33
15-Feb-14 22:00:00	15-Feb-14 23:00:00	0.00	675.76	0.00	0.00	425.65	2.1	329.7	0.00	222.80	0.00	0.00	140.34	0.23	10.35	18.92	83.84	86.68	15-Feb-14 22:00:00	0.23	233.15	18.92	83.84	227.02
15-Feb-14 23:00:00	16-Feb-14 00:00:00	0.00	730.50	0.00	0.00	427.68	2.1	329.7	0.00	240.85	0.00	0.00	141.01	0.23	10.35	18.92	83.84	86.68	15-Feb-14 23:00:00	0.23	251.20	18.92	83.84	227.69
16-Feb-14 00:00:00	16-Feb-14 01:00:00	0.00	816.81	0.00	0.00	438.69	2.1	329.7	0.00	269.30	0.00	0.00	144.64	0.23	10.35	18.92	83.84	86.68	16-Feb-14 00:00:00	0.23	279.65	18.92	83.84	231.32
16-Feb-14 01:00:00	16-Feb-14 02:00:00	0.00	921.14	0.00	0.00	403.33	2.1	329.7	0.00	303.70	0.00	0.00	132.98	0.23	10.35	18.92	83.84	86.68	16-Feb-14 01:00:00	0.23	314.05	18.92	83.84	219.66
16-Feb-14 02:00:00	16-Feb-14 03:00:00	0.00	948.42	0.00	0.00	580.22	2.1	329.7	0.00	313.69	0.00	0.00	191.30	0.23	10.35	18.92	83.84	86.68	16-Feb-14 02:00:00	0.23	323.04	18.92	83.84	277.98
16-Feb-14 03:00:00	16-Feb-14 04:00:00	0.00	890.76	0.00	0.00	444.39	2.1	329.7	0.00	293.68	0.00	0.00	146.52	0.23	10.35	18.92	83.84	86.68	16-Feb-14 03:00:00	0.23	304.05	18.92	83.84	233.20
16-Feb-14 04:00:00	16-Feb-14 05:00:00	0.00	996.57	0.00	0.00	479.57	2.1	329.7	0.00	328.57	0.00	0.00	158.15	0.23	10.35	18.92	83.84	86.68	16-Feb-14 04:00:00	0.23	338.92	18.92	83.84	244.83
16-Feb-14 05:00:00	16-Feb-14 06:00:00	0.00	1,086.43	0.00	0.00	449.36	2.1	329.7	0.00	358.20	0.00	0.00	148.16	0.23	10.35	18.92	83.84	86.68	16-Feb-14 05:00:00	0.23	368.55	18.92	83.84	234.84
16-Feb-14 06:00:00	16-Feb-14 07:00:00	0.00	1,197.03	0.00	0.00	442.04	2.1	329.7	0.00	394.66	0.00	0.00	145.74	0.23	10.35	18.92	83.84	86.68	16-Feb-14 06:00:00	0.23	405.01	18.92	83.84	232.42
16-Feb-14 07:00:00	16-Feb-14 08:00:00	0.00	1,243.60	0.00	0.00	325.64	2.1	329.7	0.00	410.02	0.00	0.00	107.36	0.23	10.35	18.92	83.84	86.68	16-Feb-14 07:00:00	0.23	420.37	18.92	83.84	194.04
16-Feb-14 08:00:00	16-Feb-14 09:00:00	0.00	1,417.91	0.00	0.00	448.05	2.1	329.7	0.00	467.49	0.00	0.00	147.72	0.23	10.35	18.92	83.84	86.68	16-Feb-14 08:00:00	0.23	477.84	18.92	83.84	234.40
16-Feb-14 09:00:00	16-Feb-14 10:00:00	0.36	1,522.83	0.00	0.00	606.36	2.1	329.7	0.12	502.08	0.00	0.00	199.92	0.23	10.35	18.92	83.84	86.68	16-Feb-14 09:00:00	0.35	512.43	18.92	83.84	286.60
16-Feb-14 10:00:00	16-Feb-14 11:00:00	0.00	1,512.90	0.00	0.00	742.15	2.1	329.7	0.00	498.80	0.00	0.00	244.69	0.23	10.35	18.92	83.84	86.68	16-Feb-14 10:00:00	0.23	509.15	18.92	83.84	331.37
16-Feb-14 11:00:00	16-Feb-14 12:00:00	0.00	1,487.67	0.00	0.00	772.51	2.1	329.7	0.00	490.48	0.00	0.00	254.70	0.23	10.35	18.92	83.84	86.68	16-Feb-14 11:00:00	0.23	500.83	18.92	83.84	341.38
16-Feb-14 12:00:00	16-Feb-14 13:00:00	0.00	1,465.82	0.00	0.00	791.30	2.1	329.7	0.00	483.28	0.00	0.00	260.89	0.23	10.35	18.92	83.84	86.68	16-Feb-14 12:00:00	0.23	493.63	18.92	83.84	347.57
16-Feb-14 13:00:00	16-Feb-14 14:00:00	0.00	1,472.28	0.00	0.00	810.64	2.1	329.7	0.00	485.41	0.00	0.00	267.27	0.23	10.35	18.92	83.84	86.68	16-Feb-14 13:00:00	0.23	495.76	18.92	83.84	353.95
16-Feb-14 14:00:00	16-Feb-14 15:00:00	0.00	1,503.56	0.00	0.00	461.30	2.1	329.7	0.00	577.12	0.00	0.00	152.09	0.23	10.35	18.92	83.84	86.68	16-Feb-14 14:00:00	0.23	506.07	18.92	83.84	238.77
16-Feb-14 15:00:00	16-Feb-14 16:00:00	0.00	1,750.64	0.00	0.00	549.03	2.1	329.7	0.00	495.79	0.00	0.00	181.02	0.23	10.35	18.92	83.84	86.68	16-Feb-14 15:00:00	0.23	587.54	18.92	83.84	267.70
16-Feb-14 16:00:00	16-Feb-14 17:00:00	0.00	1,913.41	0.00	0.00	519.79	2.1	329.7	0.00	630.85	0.00	0.00	171.37	0.23	10.35	18.92	83.84	86.68	16-Feb-14 16:00:00	0.23	641.20	18.92	83.84	250.05
16-Feb-14 17:00:00	16-Feb-14 18:00:00	0.00	1,947.45	0.00	0.00	449.69	2.1	329																

18-Feb-14 17:00:00	18-Feb-14 18:00:00	0.00	0.00	0.00	0.00	4.22	2.1	329.7	0.00	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	18-Feb-14 17:00:00	0.23	10.35	18.92	83.84	88.07
18-Feb-14 18:00:00	18-Feb-14 19:00:00	0.00	0.00	0.00	0.00	4.38	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	18-Feb-14 18:00:00	0.23	10.35	18.92	83.84	88.12
18-Feb-14 19:00:00	18-Feb-14 20:00:00	0.00	0.00	0.00	0.00	4.53	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	18-Feb-14 19:00:00	0.23	10.35	18.92	83.84	88.17
18-Feb-14 20:00:00	18-Feb-14 21:00:00	0.00	0.00	0.00	0.00	4.71	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	18-Feb-14 20:00:00	0.23	10.35	18.92	83.84	88.23
18-Feb-14 21:00:00	18-Feb-14 22:00:00	0.00	0.00	0.00	0.00	5.00	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	18-Feb-14 21:00:00	0.23	10.35	18.92	83.84	88.33
18-Feb-14 22:00:00	18-Feb-14 23:00:00	0.00	0.00	0.00	0.00	5.29	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	18-Feb-14 22:00:00	0.23	10.35	18.92	83.84	88.42
18-Feb-14 23:00:00	19-Feb-14 00:00:00	0.00	0.00	0.00	0.00	5.61	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	18-Feb-14 23:00:00	0.23	10.35	18.92	83.84	88.53
19-Feb-14 00:00:00	19-Feb-14 01:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	19-Feb-14 00:00:00	0.23	10.35	18.92	83.84	88.56
19-Feb-14 01:00:00	19-Feb-14 02:00:00	0.00	0.00	0.00	0.00	86.72	2.1	329.7	0.00	0.00	0.00	0.00	28.59	0.23	10.35	18.92	83.84	86.68	19-Feb-14 01:00:00	0.23	10.35	18.92	83.84	115.27
19-Feb-14 02:00:00	19-Feb-14 03:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	19-Feb-14 02:00:00	0.23	10.35	18.92	83.84	88.52
19-Feb-14 03:00:00	19-Feb-14 04:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	19-Feb-14 03:00:00	0.23	10.35	18.92	83.84	88.47
19-Feb-14 04:00:00	19-Feb-14 05:00:00	0.00	0.00	0.00	0.00	5.29	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	19-Feb-14 04:00:00	0.23	10.35	18.92	83.84	88.42
19-Feb-14 05:00:00	19-Feb-14 06:00:00	0.00	0.00	0.00	0.00	5.15	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	19-Feb-14 05:00:00	0.23	10.35	18.92	83.84	88.38
19-Feb-14 06:00:00	19-Feb-14 07:00:00	0.00	0.00	0.00	0.00	5.06	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	19-Feb-14 06:00:00	0.23	10.35	18.92	83.84	88.35
19-Feb-14 07:00:00	19-Feb-14 08:00:00	0.00	0.00	0.00	0.00	4.90	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	19-Feb-14 07:00:00	0.23	10.35	18.92	83.84	88.30
19-Feb-14 08:00:00	19-Feb-14 09:00:00	0.00	0.00	0.00	0.00	4.75	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	19-Feb-14 08:00:00	0.23	10.35	18.92	83.84	88.24
19-Feb-14 09:00:00	19-Feb-14 10:00:00	0.00	0.00	0.00	0.00	4.60	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	19-Feb-14 09:00:00	0.23	10.35	18.92	83.84	88.20
19-Feb-14 10:00:00	19-Feb-14 11:00:00	0.00	0.00	0.00	0.00	4.61	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	19-Feb-14 10:00:00	0.23	10.35	18.92	83.84	88.20
19-Feb-14 11:00:00	19-Feb-14 12:00:00	0.00	0.00	0.00	0.00	4.54	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	19-Feb-14 11:00:00	0.23	10.35	18.92	83.84	88.18
19-Feb-14 12:00:00	19-Feb-14 13:00:00	0.00	0.00	0.00	0.00	4.47	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	19-Feb-14 12:00:00	0.23	10.35	18.92	83.84	88.15
19-Feb-14 13:00:00	19-Feb-14 14:00:00	0.00	0.10	0.00	0.00	4.41	2.1	329.7	0.00	0.03	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	19-Feb-14 13:00:00	0.23	10.38	18.92	83.84	88.13
19-Feb-14 14:00:00	19-Feb-14 15:00:00	0.00	1.21	0.00	0.00	4.46	2.1	329.7	0.00	0.40	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	19-Feb-14 14:00:00	0.23	10.75	18.92	83.84	88.15
19-Feb-14 15:00:00	19-Feb-14 16:00:00	0.00	4.23	0.00	0.00	4.48	2.1	329.7	0.00	1.39	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	19-Feb-14 15:00:00	0.23	11.74	18.92	83.84	88.16
19-Feb-14 16:00:00	19-Feb-14 17:00:00	0.00	6.73	0.00	0.00	4.50	2.1	329.7	0.00	2.22	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	19-Feb-14 16:00:00	0.23	12.57	18.92	83.84	88.16
19-Feb-14 17:00:00	19-Feb-14 18:00:00	0.00	0.00	0.00	0.00	4.52	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	19-Feb-14 17:00:00	0.23	10.35	18.92	83.84	88.17
19-Feb-14 18:00:00	19-Feb-14 19:00:00	0.00	0.05	0.00	0.00	7.97	2.1	329.7	0.00	0.02	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	19-Feb-14 18:00:00	0.23	10.37	18.92	83.84	89.31
19-Feb-14 19:00:00	19-Feb-14 20:00:00	0.00	2.72	0.00	0.00	4.47	2.1	329.7	0.00	0.90	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	19-Feb-14 19:00:00	0.23	11.25	18.92	83.84	88.15
19-Feb-14 20:00:00	19-Feb-14 21:00:00	0.00	0.27	0.00	0.00	4.47	2.1	329.7	0.00	0.09	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	19-Feb-14 20:00:00	0.23	10.44	18.92	83.84	88.15
19-Feb-14 21:00:00	19-Feb-14 22:00:00	0.00	136.49	0.00	0.00	4.47	2.1	329.7	0.00	45.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	19-Feb-14 21:00:00	0.23	55.35	18.92	83.84	88.15
19-Feb-14 22:00:00	19-Feb-14 23:00:00	0.00	256.85	0.00	0.00	4.50	2.1	329.7	0.00	84.68	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	19-Feb-14 22:00:00	0.23	95.03	18.92	83.84	88.16
19-Feb-14 23:00:00	20-Feb-14 00:00:00	0.00	253.56	0.00	0.00	4.67	2.1	329.7	0.00	83.60	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	19-Feb-14 23:00:00	0.23	93.95	18.92	83.84	88.22
20-Feb-14 00:00:00	20-Feb-14 01:00:00	0.00	270.04	0.00	0.00	4.86	2.1	329.7	0.00	89.03	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	20-Feb-14 00:00:00	0.23	100.38	18.92	83.84	88.20
20-Feb-14 01:00:00	20-Feb-14 02:00:00	0.00	272.43	0.00	0.00	5.04	2.1	329.7	0.00	89.82	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	20-Feb-14 01:00:00	0.23	100.17	18.92	83.84	88.24
20-Feb-14 02:00:00	20-Feb-14 03:00:00	0.00	262.64	0.00	0.00	5.22	2.1	329.7	0.00	86.59	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	20-Feb-14 02:00:00	0.23	96.94	18.92	83.84	88.40
20-Feb-14 03:00:00	20-Feb-14 04:00:00	0.00	252.43	0.00	0.00	5.30	2.1	329.7	0.00	83.23	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	20-Feb-14 03:00:00	0.23	93.58	18.92	83.84	88.43
20-Feb-14 04:00:00	20-Feb-14 05:00:00	0.00	257.60	0.00	0.00	5.37	2.1	329.7	0.00	84.93	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	20-Feb-14 04:00:00	0.23	95.28	18.92	83.84	88.45
20-Feb-14 05:00:00	20-Feb-14 06:00:00	0.00	134.31	0.00	0.00	5.45	2.1	329.7	0.00	44.28	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	20-Feb-14 05:00:00	0.23	54.63	18.92	83.84	88.48
20-Feb-14 06:00:00	20-Feb-14 07:00:00	0.00	1.38	0.00	0.00	5.62	2.1	329.7	0.00	0.46	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	20-Feb-14 06:00:00	0.23	10.81	18.92	83.84	88.53
20-Feb-14 07:00:00	20-Feb-14 08:00:00	0.00	1.61	0.00	0.00	5.32	2.1	329.7	0.00	0.53	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	20-Feb-14 07:00:00	0.23	10.88	18.92	83.84	88.43
20-Feb-14 08:00:00	20-Feb-14 09:00:00	0.00	0.22	0.00	0.00	5.09	2.1	329.7	0.00	0.07	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	20-Feb-14 08:00:00	0.23	10.42	18.92	83.84	88.36
20-Feb-14 09:00:00	20-Feb-14 10:00:00	0.00	0.14	0.00	0.00	4.87	2.1	329.7	0.00	0.05	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	20-Feb-14 09:00:00	0.23	10.40	1		

22-Feb-14 12:00:00	22-Feb-14 13:00:00	0.00	5.06	0.00	0.00	5.34	2.1	329.7	0.00	1.67	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	22-Feb-14 12:00:00	0.23	12.02	18.92	83.84	88.44
22-Feb-14 13:00:00	22-Feb-14 14:00:00	0.00	6.00	0.00	0.00	5.17	2.1	329.7	0.00	1.98	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	22-Feb-14 13:00:00	0.23	12.33	18.92	83.84	88.38
22-Feb-14 14:00:00	22-Feb-14 15:00:00	0.00	7.35	0.00	0.00	5.16	2.1	329.7	0.00	2.42	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	22-Feb-14 14:00:00	0.23	12.77	18.92	83.84	88.38
22-Feb-14 15:00:00	22-Feb-14 16:00:00	0.00	1.30	0.00	0.00	5.16	2.1	329.7	0.00	0.43	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	22-Feb-14 15:00:00	0.23	10.78	18.92	83.84	88.38
22-Feb-14 16:00:00	22-Feb-14 17:00:00	0.00	2.24	0.00	0.00	5.15	2.1	329.7	0.00	0.74	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	22-Feb-14 16:00:00	0.23	11.09	18.92	83.84	88.38
22-Feb-14 17:00:00	22-Feb-14 18:00:00	0.00	1.42	0.00	0.00	5.18	2.1	329.7	0.00	0.47	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	22-Feb-14 17:00:00	0.23	10.82	18.92	83.84	88.39
22-Feb-14 18:00:00	22-Feb-14 19:00:00	0.00	0.90	0.00	0.00	5.22	2.1	329.7	0.00	0.30	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	22-Feb-14 18:00:00	0.23	10.65	18.92	83.84	88.43
22-Feb-14 19:00:00	22-Feb-14 20:00:00	0.00	0.38	0.00	0.00	5.45	2.1	329.7	0.00	0.13	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	22-Feb-14 19:00:00	0.23	10.48	18.92	83.84	88.48
22-Feb-14 20:00:00	22-Feb-14 21:00:00	0.00	0.10	0.00	0.00	5.59	2.1	329.7	0.00	0.03	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	22-Feb-14 20:00:00	0.23	10.38	18.92	83.84	88.52
22-Feb-14 21:00:00	22-Feb-14 22:00:00	0.00	1.95	0.00	0.00	5.82	2.1	329.7	0.00	0.64	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	22-Feb-14 21:00:00	0.23	10.99	18.92	83.84	88.60
22-Feb-14 22:00:00	22-Feb-14 23:00:00	0.00	2.43	0.00	0.00	6.11	2.1	329.7	0.00	0.80	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	22-Feb-14 22:00:00	0.23	11.15	18.92	83.84	88.69
22-Feb-14 23:00:00	23-Feb-14 00:00:00	0.00	7.22	0.00	0.00	6.41	2.1	329.7	0.00	2.38	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	22-Feb-14 23:00:00	0.23	12.73	18.92	83.84	88.79
23-Feb-14 00:00:00	23-Feb-14 01:00:00	0.00	4.72	0.00	0.00	6.70	2.1	329.7	0.00	1.56	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	23-Feb-14 00:00:00	0.23	11.91	18.92	83.84	88.89
23-Feb-14 01:00:00	23-Feb-14 02:00:00	0.00	5.43	0.00	0.00	6.68	2.1	329.7	0.00	1.79	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	23-Feb-14 01:00:00	0.23	12.14	18.92	83.84	88.88
23-Feb-14 02:00:00	23-Feb-14 03:00:00	0.00	59.68	0.00	0.00	7.65	2.1	329.7	0.00	19.68	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	23-Feb-14 02:00:00	0.23	30.03	18.92	83.84	89.20
23-Feb-14 03:00:00	23-Feb-14 04:00:00	0.00	432.41	0.00	0.00	6.50	2.1	329.7	0.00	142.57	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	23-Feb-14 03:00:00	0.23	152.92	18.92	83.84	88.82
23-Feb-14 04:00:00	23-Feb-14 05:00:00	0.00	534.55	0.00	0.00	6.61	2.1	329.7	0.00	176.24	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	23-Feb-14 04:00:00	0.23	186.59	18.92	83.84	88.86
23-Feb-14 05:00:00	23-Feb-14 06:00:00	0.24	542.36	0.00	0.00	6.71	2.1	329.7	0.08	178.82	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	23-Feb-14 05:00:00	0.23	189.17	18.92	83.84	88.89
23-Feb-14 06:00:00	23-Feb-14 07:00:00	0.79	549.63	0.00	0.00	6.79	2.1	329.7	0.26	181.21	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	23-Feb-14 06:00:00	0.49	191.56	18.92	83.84	88.92
23-Feb-14 07:00:00	23-Feb-14 08:00:00	0.00	560.61	0.00	0.00	6.82	2.1	329.7	0.00	184.83	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	23-Feb-14 07:00:00	0.23	195.19	18.92	83.84	88.92
23-Feb-14 08:00:00	23-Feb-14 09:00:00	0.00	583.21	0.00	0.00	116.71	2.1	329.7	0.00	192.28	0.00	0.00	38.48	0.23	10.35	18.92	83.84	86.68	23-Feb-14 08:00:00	0.23	202.63	18.92	83.84	125.16
23-Feb-14 09:00:00	23-Feb-14 10:00:00	0.00	585.98	0.00	0.00	6.39	2.1	329.7	0.00	193.20	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	23-Feb-14 09:00:00	0.23	203.55	18.92	83.84	88.79
23-Feb-14 10:00:00	23-Feb-14 11:00:00	0.00	499.17	0.00	0.00	5.85	2.1	329.7	0.00	164.58	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	23-Feb-14 10:00:00	0.23	174.93	18.92	83.84	88.61
23-Feb-14 11:00:00	23-Feb-14 12:00:00	0.00	582.79	0.00	0.00	55.84	2.1	329.7	0.00	192.15	0.00	0.00	18.41	0.23	10.35	18.92	83.84	86.68	23-Feb-14 11:00:00	0.23	202.50	18.92	83.84	105.09
23-Feb-14 12:00:00	23-Feb-14 13:00:00	0.00	893.13	0.00	0.00	194.77	2.1	329.7	0.00	294.47	0.00	0.00	64.22	0.23	10.35	18.92	83.84	86.68	23-Feb-14 12:00:00	0.23	304.82	18.92	83.84	150.90
23-Feb-14 13:00:00	23-Feb-14 14:00:00	0.00	1,006.60	0.00	0.00	272.57	2.1	329.7	0.00	331.88	0.00	0.00	89.87	0.23	10.35	18.92	83.84	86.68	23-Feb-14 13:00:00	0.23	342.23	18.92	83.84	176.55
23-Feb-14 14:00:00	23-Feb-14 15:00:00	0.00	990.46	0.00	0.00	190.82	2.1	329.7	0.00	326.55	0.00	0.00	62.91	0.23	10.35	18.92	83.84	86.68	23-Feb-14 14:00:00	0.23	336.90	18.92	83.84	149.59
23-Feb-14 15:00:00	23-Feb-14 16:00:00	0.00	930.14	0.00	0.00	175.76	2.1	329.7	0.00	306.67	0.00	0.00	57.95	0.23	10.35	18.92	83.84	86.68	23-Feb-14 15:00:00	0.23	317.02	18.92	83.84	144.63
23-Feb-14 16:00:00	23-Feb-14 17:00:00	0.00	1,013.15	0.00	0.00	201.12	2.1	329.7	0.00	334.04	0.00	0.00	66.31	0.23	10.35	18.92	83.84	86.68	23-Feb-14 16:00:00	0.23	344.39	18.92	83.84	152.99
23-Feb-14 17:00:00	23-Feb-14 18:00:00	0.00	984.42	0.00	0.00	202.97	2.1	329.7	0.00	324.56	0.00	0.00	66.92	0.23	10.35	18.92	83.84	86.68	23-Feb-14 17:00:00	0.23	334.91	18.92	83.84	153.60
23-Feb-14 18:00:00	23-Feb-14 19:00:00	0.00	995.21	0.00	0.00	171.66	2.1	329.7	0.00	327.46	0.00	0.00	56.60	0.23	10.35	18.92	83.84	86.68	23-Feb-14 18:00:00	0.23	337.81	18.92	83.84	143.28
23-Feb-14 19:00:00	23-Feb-14 20:00:00	0.00	824.27	0.00	0.00	310.95	2.1	329.7	0.00	321.76	0.00	0.00	102.52	0.23	10.35	18.92	83.84	86.68	23-Feb-14 19:00:00	0.23	292.16	18.92	83.84	189.75
23-Feb-14 20:00:00	23-Feb-14 21:00:00	0.00	979.11	0.00	0.00	208.73	2.1	329.7	0.00	322.81	0.00	0.00	68.82	0.23	10.35	18.92	83.84	86.68	23-Feb-14 20:00:00	0.23	323.16	18.92	83.84	157.76
23-Feb-14 21:00:00	23-Feb-14 22:00:00	0.00	969.54	0.00	0.00	173.48	2.1	329.7	0.00	319.66	0.00	0.00	57.19	0.23	10.35	18.92	83.84	86.68	23-Feb-14 21:00:00	0.23	330.01	18.92	83.84	143.87
23-Feb-14 22:00:00	23-Feb-14 23:00:00	0.00	961.16	0.00	0.00	168.12	2.1	329.7	0.00	316.89	0.00	0.00	55.43	0.23	10.35	18.92	83.84	86.68	23-Feb-14 22:00:00	0.23	327.24	18.92	83.84	142.11
23-Feb-14 23:00:00	24-Feb-14 00:00:00	0.00	999.76	0.00	0.00	173.56	2.1	329.7	0.00	329.62	0.00	0.00	57.22	0.23	10.35	18.92	83.84	86.68	23-Feb-14 23:00:00	0.23	339.97	18.92	83.84	143.90
24-Feb-14 00:00:00	24-Feb-14 01:00:00	0.00	1,027.70	0.00	0.00	182.04	2.1	329.7	0.00	338.83	0.00	0.00	60.02	0.23	10.35	18.92	83.84	86.68	24-Feb-14 00:00:00	0.23	349.18	18.92	83.84	146.70
24-Feb-14 01:00:00	24-Feb-14 02:00:00	0.00	1,040.54	0.00	0.00	179.44	2.1	329.7	0.00	343.06	0.00	0.00	62.53	0.23	10.35	18.92	83.84	86.68	24-Feb-14 01:00:00	0.23	353.41	18.92	83.84	149.21
24-Feb-14 02:00:00	24-Feb-14 03:00:00	0.00	1,045.31	0.00	0.00	216.18	2.1	329.7	0.00	344.64	0.00	0.00	71.27	0.23	10.35	18.92	83.84	86.68	24-Feb-14 02:00:00	0.23	354.99	18.92	83.84	145.84
24-Feb-14 03:00:00	24-Feb-14 04:00:00	0.00	756.57	0.00	0.00	234	2.1	329.7	0.00	249.44	0.00	0.00	77.58	0.23	10.35	18.92	83.84	86.68	24-Feb-14 03:00:00	0.23	259.79	18.92	83.84	145.37
24-Feb-14 04:00:00	24-Feb-14 05:00:00	0.00	151.38	0.00	0.00	2																		

26-Feb-14 07:00:00	26-Feb-14 08:00:00	0.00	1.42	0.00	0.00	6.79	2.1	329.7	0.00	0.47	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	26-Feb-14 07:00:00	0.23	10.82	18.92	83.84	88.92
26-Feb-14 08:00:00	26-Feb-14 09:00:00	0.00	0.81	0.00	0.00	6.79	2.1	329.7	0.00	0.27	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	26-Feb-14 08:00:00	0.23	10.62	18.92	83.84	88.92
26-Feb-14 09:00:00	26-Feb-14 10:00:00	0.00	0.22	0.00	0.00	6.80	2.1	329.7	0.00	0.07	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	26-Feb-14 09:00:00	0.23	10.42	18.92	83.84	88.92
26-Feb-14 10:00:00	26-Feb-14 11:00:00	0.00	0.20	0.00	2.03	6.76	2.1	329.7	0.00	0.07	0.00	0.67	2.23	0.23	10.35	18.92	83.84	86.68	26-Feb-14 10:00:00	0.23	10.42	18.92	84.51	88.91
26-Feb-14 11:00:00	26-Feb-14 12:00:00	0.00	0.00	0.00	0.00	115.64	2.1	329.7	0.00	0.00	0.00	0.00	38.13	0.23	10.35	18.92	83.84	86.68	26-Feb-14 11:00:00	0.23	10.35	18.92	83.84	124.81
26-Feb-14 12:00:00	26-Feb-14 13:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	26-Feb-14 12:00:00	0.23	10.35	18.92	83.84	88.82
26-Feb-14 13:00:00	26-Feb-14 14:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	26-Feb-14 13:00:00	0.23	10.35	18.92	83.84	88.75
26-Feb-14 14:00:00	26-Feb-14 15:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	26-Feb-14 14:00:00	0.23	10.35	18.92	83.84	88.68
26-Feb-14 15:00:00	26-Feb-14 16:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	26-Feb-14 15:00:00	0.23	10.35	18.92	83.84	88.63
26-Feb-14 16:00:00	26-Feb-14 17:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	26-Feb-14 16:00:00	0.23	10.35	18.92	83.84	88.64
26-Feb-14 17:00:00	26-Feb-14 18:00:00	0.00	0.00	0.00	0.00	6.02	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	26-Feb-14 17:00:00	0.23	10.35	18.92	83.84	88.67
26-Feb-14 18:00:00	26-Feb-14 19:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	26-Feb-14 18:00:00	0.23	10.35	18.92	83.84	88.69
26-Feb-14 19:00:00	26-Feb-14 20:00:00	0.00	0.00	0.00	0.00	6.08	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	26-Feb-14 19:00:00	0.23	10.35	18.92	83.84	88.69
26-Feb-14 20:00:00	26-Feb-14 21:00:00	0.00	253.97	0.00	0.00	6.19	2.1	329.7	0.00	83.73	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	26-Feb-14 20:00:00	0.23	94.08	18.92	83.84	88.72
26-Feb-14 21:00:00	26-Feb-14 22:00:00	0.00	617.23	0.00	0.00	6.41	2.1	329.7	0.00	203.50	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	26-Feb-14 21:00:00	0.23	213.85	18.92	83.84	88.79
26-Feb-14 22:00:00	26-Feb-14 23:00:00	0.00	517.07	0.00	0.00	6.62	2.1	329.7	0.00	170.48	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	26-Feb-14 22:00:00	0.23	180.83	18.92	83.84	88.86
26-Feb-14 23:00:00	27-Feb-14 00:00:00	0.00	528.81	0.00	0.00	6.76	2.1	329.7	0.00	174.35	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	26-Feb-14 23:00:00	0.23	184.70	18.92	83.84	88.91
27-Feb-14 00:00:00	27-Feb-14 01:00:00	0.00	496.20	0.00	0.00	6.83	2.1	329.7	0.00	163.60	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	27-Feb-14 00:00:00	0.23	173.95	18.92	83.84	88.93
27-Feb-14 01:00:00	27-Feb-14 02:00:00	0.00	302.37	0.00	0.00	6.96	2.1	329.7	0.00	99.69	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	27-Feb-14 01:00:00	0.23	110.04	18.92	83.84	88.97
27-Feb-14 02:00:00	27-Feb-14 03:00:00	0.00	16.08	0.00	0.00	7.08	2.1	329.7	0.00	5.30	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	27-Feb-14 02:00:00	0.23	15.65	18.92	83.84	89.01
27-Feb-14 03:00:00	27-Feb-14 04:00:00	0.00	14.22	0.00	0.00	7.10	2.1	329.7	0.00	4.69	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	27-Feb-14 03:00:00	0.23	15.04	18.92	83.84	89.02
27-Feb-14 04:00:00	27-Feb-14 05:00:00	0.00	10.94	0.00	0.00	7.10	2.1	329.7	0.00	3.61	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	27-Feb-14 04:00:00	0.23	13.96	18.92	83.84	89.02
27-Feb-14 05:00:00	27-Feb-14 06:00:00	0.23	11.20	0.00	0.00	7.21	2.1	329.7	0.08	3.69	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	27-Feb-14 05:00:00	0.31	14.04	18.92	83.84	89.06
27-Feb-14 06:00:00	27-Feb-14 07:00:00	0.00	9.91	0.00	0.00	7.32	2.1	329.7	0.00	3.27	0.00	0.00	2.41	0.23	10.35	18.92	83.84	86.68	27-Feb-14 06:00:00	0.23	13.62	18.92	83.84	89.09
27-Feb-14 07:00:00	27-Feb-14 08:00:00	0.00	10.19	0.00	0.00	7.33	2.1	329.7	0.00	3.36	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	27-Feb-14 07:00:00	0.23	13.71	18.92	83.84	89.10
27-Feb-14 08:00:00	27-Feb-14 09:00:00	0.00	10.64	0.00	0.00	7.06	2.1	329.7	0.00	3.51	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	27-Feb-14 08:00:00	0.23	13.86	18.92	83.84	89.01
27-Feb-14 09:00:00	27-Feb-14 10:00:00	0.00	10.70	0.00	0.00	6.77	2.1	329.7	0.00	3.53	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	27-Feb-14 09:00:00	0.23	13.88	18.92	83.84	88.91
27-Feb-14 10:00:00	27-Feb-14 11:00:00	0.00	7.69	0.00	0.00	6.49	2.1	329.7	0.00	2.53	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	27-Feb-14 10:00:00	0.23	12.88	18.92	83.84	88.82
27-Feb-14 11:00:00	27-Feb-14 12:00:00	0.00	2.55	0.00	0.02	11.75	2.1	329.7	0.00	0.84	0.00	0.01	3.88	0.23	10.35	18.92	83.84	86.68	27-Feb-14 11:00:00	0.23	11.19	18.92	83.85	90.56
27-Feb-14 12:00:00	27-Feb-14 13:00:00	0.00	1.16	0.00	142.48	440.90	2.1	329.7	0.00	0.38	0.00	46.97	145.36	0.23	10.35	18.92	83.84	86.68	27-Feb-14 12:00:00	0.23	10.73	18.92	130.81	232.04
27-Feb-14 13:00:00	27-Feb-14 14:00:00	0.00	0.73	0.00	0.00	51.08	2.1	329.7	0.00	0.24	0.00	0.00	16.84	0.23	10.35	18.92	83.84	86.68	27-Feb-14 13:00:00	0.23	17.95	18.92	83.84	103.52
27-Feb-14 14:00:00	27-Feb-14 15:00:00	0.00	1.39	0.00	0.00	5.79	2.1	329.7	0.00	0.46	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	27-Feb-14 14:00:00	0.23	10.89	18.92	83.84	88.93
27-Feb-14 15:00:00	27-Feb-14 16:00:00	0.00	2.35	0.00	0.00	5.75	2.1	329.7	0.00	0.77	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	27-Feb-14 15:00:00	0.23	11.12	18.92	83.84	88.57
27-Feb-14 16:00:00	27-Feb-14 17:00:00	0.00	3.02	0.00	0.00	5.70	2.1	329.7	0.00	1.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	27-Feb-14 16:00:00	0.23	11.35	18.92	83.84	88.56
27-Feb-14 17:00:00	27-Feb-14 18:00:00	0.00	0.79	0.00	0.00	5.64	2.1	329.7	0.00	0.26	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	27-Feb-14 17:00:00	0.23	10.61	18.92	83.84	88.54
27-Feb-14 18:00:00	27-Feb-14 19:00:00	0.00	0.33	0.00	0.00	31.83	2.1	329.7	0.00	0.11	0.00	0.00	10.49	0.23	10.35	18.92	83.84	86.68	27-Feb-14 18:00:00	0.23	10.46	18.92	83.84	97.17
27-Feb-14 19:00:00	27-Feb-14 20:00:00	0.00	0.65	0.00	0.00	5.71	2.1	329.7	0.00	0.22	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	27-Feb-14 19:00:00	0.23	10.57	18.92	83.84	88.56
27-Feb-14 20:00:00	27-Feb-14 21:00:00	0.00	1.18	0.00	0.00	51.64	2.1	329.7	0.00	0.39	0.00	0.00	17.03	0.23	10.35	18.92	83.84	86.68	27-Feb-14 20:00:00	0.23	10.74	18.92	83.84	103.71
27-Feb-14 21:00:00	27-Feb-14 22:00:00	0.00	0.00	0.00	0.00	260.19	2.1	329.7	0.00	0.00	0.00	0.00	85.78	0.23	10.35	18.92	83.84	86.68	27-Feb-14 21:00:00	0.23	10.35	18.92	83.84	172.46
27-Feb-14 22:00:00	27-Feb-14 23:00:00	0.00	0.00	0.00	0.00	96.87	2.1	329.7	0.00	0.00	0.00	0.00	31.94	0.23	10.35	18.92	83.84	86.68	27-Feb-14 22:00:00	0.23	10.35	18.92	83.84	118.62
27-Feb-14 23:00:00	28-Feb-14 00:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	27-Feb-14 23:00:00	0.23	10.35	18.92	83.84	88.69
28-Feb-14 00:00:00	28-Feb-14 01:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	28-Feb-14 00:00:00	0.23	10.35	18.92	83.84	88.77
28-Feb-14 01:00:00	28-Feb-14 02:00:00	0.00	1.23	0.00	0.00	6.55	2.1	329.7	0.00	0.41	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	28-Feb-14 01:00:00	0.23	10.76	18.92	83.84	88.84
28-Feb-14 02:00:00	28-Feb-14 03:00:00	0.00	1.17	0.00	0.00	6.76	2.1	329.7	0.00	0.39	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	28-Feb-14 02:00:00	0.23	10.74	18.92	83.84	88.91
28-Feb-14 03:00:00	28-Feb-14 04:00:00	0.00	0.80	0.00	0.00	6.92	2.1																	

02-Mar-14 02:00:00	02-Mar-14 03:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	02-Mar-14 02:00:00	0.23	10.35	18.92	83.84	88.75
02-Mar-14 03:00:00	02-Mar-14 04:00:00	0.00	0.00	0.00	0.00	6.33	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	02-Mar-14 03:00:00	0.23	10.35	18.92	83.84	88.77
02-Mar-14 04:00:00	02-Mar-14 05:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	02-Mar-14 04:00:00	0.23	10.35	18.92	83.84	88.78
02-Mar-14 05:00:00	02-Mar-14 06:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	02-Mar-14 05:00:00	0.23	10.35	18.92	83.84	88.77
02-Mar-14 06:00:00	02-Mar-14 07:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	02-Mar-14 06:00:00	0.23	10.35	18.92	83.84	88.93
02-Mar-14 07:00:00	02-Mar-14 08:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	02-Mar-14 07:00:00	0.23	10.35	18.92	83.84	88.63
02-Mar-14 08:00:00	02-Mar-14 09:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	02-Mar-14 08:00:00	0.23	10.35	18.92	83.84	88.53
02-Mar-14 09:00:00	02-Mar-14 10:00:00	0.00	0.00	0.00	0.00	5.17	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	02-Mar-14 09:00:00	0.23	10.35	18.92	83.84	88.38
02-Mar-14 10:00:00	02-Mar-14 11:00:00	0.00	0.05	0.00	0.00	4.78	2.1	329.7	0.00	0.02	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	02-Mar-14 10:00:00	0.23	10.37	18.92	83.84	88.26
02-Mar-14 11:00:00	02-Mar-14 12:00:00	0.00	0.36	0.00	0.00	4.59	2.1	329.7	0.00	0.12	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	02-Mar-14 11:00:00	0.23	10.47	18.92	83.84	88.19
02-Mar-14 12:00:00	02-Mar-14 13:00:00	0.00	0.45	0.00	0.00	4.54	2.1	329.7	0.00	0.15	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	02-Mar-14 12:00:00	0.23	10.50	18.92	83.84	88.18
02-Mar-14 13:00:00	02-Mar-14 14:00:00	0.00	1.61	0.00	0.00	4.49	2.1	329.7	0.00	0.53	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	02-Mar-14 13:00:00	0.23	10.88	18.92	83.84	88.16
02-Mar-14 14:00:00	02-Mar-14 15:00:00	0.00	1.24	0.00	0.00	4.39	2.1	329.7	0.00	0.41	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	02-Mar-14 14:00:00	0.23	10.76	18.92	83.84	88.13
02-Mar-14 15:00:00	02-Mar-14 16:00:00	0.00	264.19	0.00	0.00	4.24	2.1	329.7	0.00	87.10	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	02-Mar-14 15:00:00	0.23	97.45	18.92	83.84	88.08
02-Mar-14 16:00:00	02-Mar-14 17:00:00	0.00	356.79	0.00	0.00	4.18	2.1	329.7	0.00	117.63	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	02-Mar-14 16:00:00	0.23	127.98	18.92	83.84	88.06
02-Mar-14 17:00:00	02-Mar-14 18:00:00	0.00	367.84	0.00	0.00	4.12	2.1	329.7	0.00	121.28	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	02-Mar-14 17:00:00	0.23	131.63	18.92	83.84	88.04
02-Mar-14 18:00:00	02-Mar-14 19:00:00	0.00	369.82	0.00	0.00	4.24	2.1	329.7	0.00	121.93	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	02-Mar-14 18:00:00	0.23	132.28	18.92	83.84	101.60
02-Mar-14 19:00:00	02-Mar-14 20:00:00	0.00	446.17	0.00	0.00	4.09	2.1	329.7	0.00	147.10	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	02-Mar-14 19:00:00	0.23	157.45	18.92	83.84	88.03
02-Mar-14 20:00:00	02-Mar-14 21:00:00	0.00	514.55	0.00	0.00	4.22	2.1	329.7	0.00	169.65	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	02-Mar-14 20:00:00	0.23	180.00	18.92	83.84	88.07
02-Mar-14 21:00:00	02-Mar-14 22:00:00	0.00	305.32	0.00	0.00	4.35	2.1	329.7	0.00	100.67	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	02-Mar-14 21:00:00	0.23	111.02	18.92	83.84	88.11
02-Mar-14 22:00:00	02-Mar-14 23:00:00	0.00	20.95	0.00	0.00	4.48	2.1	329.7	0.00	6.91	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	02-Mar-14 22:00:00	0.23	17.26	18.92	83.84	88.16
02-Mar-14 23:00:00	03-Mar-14 00:00:00	0.00	0.82	0.00	0.00	4.66	2.1	329.7	0.00	0.27	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	02-Mar-14 23:00:00	0.23	10.62	18.92	83.84	88.22
03-Mar-14 00:00:00	03-Mar-14 01:00:00	0.00	1.07	0.00	0.00	4.86	2.1	329.7	0.00	0.35	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	03-Mar-14 00:00:00	0.23	10.70	18.92	83.84	88.28
03-Mar-14 01:00:00	03-Mar-14 02:00:00	0.00	0.47	0.00	0.00	5.67	2.1	329.7	0.00	0.16	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	03-Mar-14 01:00:00	0.23	10.51	18.92	83.84	88.55
03-Mar-14 02:00:00	03-Mar-14 03:00:00	0.00	0.99	0.00	0.00	4.97	2.1	329.7	0.00	0.33	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	03-Mar-14 02:00:00	0.23	10.68	18.92	83.84	88.32
03-Mar-14 03:00:00	03-Mar-14 04:00:00	0.00	1.51	0.00	0.00	5.09	2.1	329.7	0.00	0.50	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	03-Mar-14 03:00:00	0.23	10.85	18.92	83.84	88.36
03-Mar-14 04:00:00	03-Mar-14 05:00:00	0.00	5.03	0.00	0.00	5.22	2.1	329.7	0.00	1.66	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	03-Mar-14 04:00:00	0.23	12.01	18.92	83.84	88.40
03-Mar-14 05:00:00	03-Mar-14 06:00:00	0.00	2.80	0.00	0.00	5.25	2.1	329.7	0.00	0.92	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	03-Mar-14 05:00:00	0.23	11.27	18.92	83.84	88.41
03-Mar-14 06:00:00	03-Mar-14 07:00:00	0.00	3.59	0.00	0.00	5.32	2.1	329.7	0.00	1.18	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	03-Mar-14 06:00:00	0.23	11.53	18.92	83.84	88.44
03-Mar-14 07:00:00	03-Mar-14 08:00:00	0.00	2.81	0.00	0.00	5.46	2.1	329.7	0.00	0.93	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	03-Mar-14 07:00:00	0.23	11.28	18.92	83.84	88.48
03-Mar-14 08:00:00	03-Mar-14 09:00:00	0.00	5.02	0.00	0.00	5.60	2.1	329.7	0.00	1.65	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	03-Mar-14 08:00:00	0.23	12.00	18.92	83.84	88.53
03-Mar-14 09:00:00	03-Mar-14 10:00:00	0.00	2.59	0.00	0.00	5.69	2.1	329.7	0.00	0.85	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	03-Mar-14 09:00:00	0.23	11.30	18.92	83.84	88.54
03-Mar-14 10:00:00	03-Mar-14 11:00:00	0.00	1.48	0.00	0.00	5.63	2.1	329.7	0.00	0.49	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	03-Mar-14 10:00:00	0.23	10.84	18.92	83.84	88.54
03-Mar-14 11:00:00	03-Mar-14 12:00:00	0.00	0.98	0.00	0.00	5.56	2.1	329.7	0.00	0.32	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	03-Mar-14 11:00:00	0.23	10.67	18.92	83.84	88.51
03-Mar-14 12:00:00	03-Mar-14 13:00:00	0.00	0.47	0.00	0.00	5.49	2.1	329.7	0.00	0.16	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	03-Mar-14 12:00:00	0.23	10.51	18.92	83.84	88.49
03-Mar-14 13:00:00	03-Mar-14 14:00:00	0.00	0.57	0.00	0.00	8.87	2.1	329.7	0.00	0.19	0.00	0.00	2.92	0.23	10.35	18.92	83.84	86.68	03-Mar-14 13:00:00	0.23	10.54	18.92	83.84	89.60
03-Mar-14 14:00:00	03-Mar-14 15:00:00	0.00	9.06	0.00	0.00	6.20	2.1	329.7	0.00	2.99	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	03-Mar-14 14:00:00	0.23	13.34	18.92	83.84	88.72
03-Mar-14 15:00:00	03-Mar-14 16:00:00	0.00	1.65	0.00	0.00	6.63	2.1	329.7	0.00	0.54	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	03-Mar-14 15:00:00	0.23	10.89	18.92	83.84	88.87
03-Mar-14 16:00:00	03-Mar-14 17:00:00	0.00	0.00	0.00	0.00	7.07	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	03-Mar-14 16:00:00	0.23	10.35	18.92	83.84	89.01
03-Mar-14 17:00:00	03-Mar-14 18:00:00	0.00	3.15	0.00	0.00	7.45	2.1	329.7	0.00	1.04	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	03-Mar-14 17:00:00	0.23	11.39	18.92	83.84	89.14
03-Mar-14 18:00:00	03-Mar-14 19:00:00	0.00	0.92	0.00	0.00	7.73	2.1	329.7	0.00	0.30	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	03-Mar-14 18:00:00	0.23	10.65			

05-Mar-14 21:00:00	05-Mar-14 22:00:00	0.00	0.61	0.00	0.00	7.41	2.1	329.7	0.00	0.20	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	05-Mar-14 21:00:00	0.23	10.55	18.92	83.84	89.12
05-Mar-14 22:00:00	05-Mar-14 23:00:00	0.00	1.27	0.00	0.00	6.38	2.1	329.7	0.00	0.42	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	05-Mar-14 22:00:00	0.23	10.77	18.92	83.84	88.78
05-Mar-14 23:00:00	06-Mar-14 00:00:00	0.00	0.09	0.00	0.00	6.49	2.1	329.7	0.00	0.03	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	05-Mar-14 23:00:00	0.23	10.38	18.92	83.84	88.82
06-Mar-14 00:00:00	06-Mar-14 01:00:00	0.00	0.00	0.00	0.00	6.60	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	06-Mar-14 00:00:00	0.23	10.35	18.92	83.84	88.86
06-Mar-14 01:00:00	06-Mar-14 02:00:00	0.00	0.17	0.00	0.00	6.72	2.1	329.7	0.00	0.06	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	06-Mar-14 01:00:00	0.23	10.41	18.92	83.84	88.90
06-Mar-14 02:00:00	06-Mar-14 03:00:00	0.00	0.79	0.00	0.00	6.80	2.1	329.7	0.00	0.26	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	06-Mar-14 02:00:00	0.23	10.61	18.92	83.84	88.92
06-Mar-14 03:00:00	06-Mar-14 04:00:00	0.00	1.37	0.00	0.00	6.91	2.1	329.7	0.00	0.45	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Mar-14 03:00:00	0.23	10.80	18.92	83.84	89.26
06-Mar-14 04:00:00	06-Mar-14 05:00:00	0.00	2.75	0.00	0.06	6.91	2.1	329.7	0.00	0.91	0.00	0.02	2.28	0.23	10.35	18.92	83.84	86.68	06-Mar-14 04:00:00	0.23	11.26	18.92	83.86	89.96
06-Mar-14 05:00:00	06-Mar-14 06:00:00	0.00	132.89	0.00	48.01	157.41	2.1	329.7	0.00	43.81	0.00	15.83	51.90	0.23	10.35	18.92	83.84	86.68	06-Mar-14 05:00:00	0.23	54.16	18.92	89.67	138.58
06-Mar-14 06:00:00	06-Mar-14 07:00:00	0.00	0.16	0.00	138.30	219.49	2.1	329.7	0.00	0.05	0.00	45.60	72.36	0.23	10.35	18.92	83.84	86.68	06-Mar-14 06:00:00	0.23	10.40	18.92	129.44	159.04
06-Mar-14 07:00:00	06-Mar-14 08:00:00	0.00	0.42	0.00	149.62	227.68	2.1	329.7	0.00	0.14	0.00	49.33	75.07	0.23	10.35	18.92	83.84	86.68	06-Mar-14 07:00:00	0.23	10.49	18.92	133.17	161.75
06-Mar-14 08:00:00	06-Mar-14 09:00:00	0.00	0.68	0.00	139.91	221.17	2.1	329.7	0.00	0.23	0.00	46.13	72.92	0.23	10.35	18.92	83.84	86.68	06-Mar-14 08:00:00	0.23	10.58	18.92	129.97	159.00
06-Mar-14 09:00:00	06-Mar-14 10:00:00	0.00	0.84	0.00	139.83	275.70	2.1	329.7	0.00	0.28	0.00	46.10	90.90	0.23	10.35	18.92	83.84	86.68	06-Mar-14 09:00:00	0.23	10.63	18.92	129.94	177.58
06-Mar-14 10:00:00	06-Mar-14 11:00:00	0.00	0.35	0.00	144.65	290.30	2.1	329.7	0.00	0.11	0.00	47.69	95.71	0.23	10.35	18.92	83.84	86.68	06-Mar-14 10:00:00	0.23	10.46	18.92	131.53	182.39
06-Mar-14 11:00:00	06-Mar-14 12:00:00	0.00	0.23	0.00	173.96	293.98	2.1	329.7	0.00	0.08	0.00	57.36	96.92	0.23	10.35	18.92	83.84	86.68	06-Mar-14 11:00:00	0.23	10.43	18.92	141.20	183.60
06-Mar-14 12:00:00	06-Mar-14 13:00:00	0.00	0.12	0.00	371.15	417.80	2.1	329.7	0.00	0.04	0.00	122.37	137.75	0.23	10.35	18.92	83.84	86.68	06-Mar-14 12:00:00	0.23	10.39	18.92	206.21	224.43
06-Mar-14 13:00:00	06-Mar-14 14:00:00	0.00	0.02	0.00	471.27	588.59	2.1	329.7	0.00	0.01	0.00	155.38	194.06	0.23	10.35	18.92	83.84	86.68	06-Mar-14 13:00:00	0.23	10.36	18.92	239.22	280.74
06-Mar-14 14:00:00	06-Mar-14 15:00:00	0.00	0.00	0.00	449.61	585.26	2.1	329.7	0.00	0.00	0.00	148.24	192.96	0.23	10.35	18.92	83.84	86.68	06-Mar-14 14:00:00	0.23	10.35	18.92	222.08	279.64
06-Mar-14 15:00:00	06-Mar-14 16:00:00	0.00	0.00	0.00	469.79	561.05	2.1	329.7	0.00	0.00	0.00	154.89	184.98	0.23	10.35	18.92	83.84	86.68	06-Mar-14 15:00:00	0.23	10.35	18.92	238.73	271.66
06-Mar-14 16:00:00	06-Mar-14 17:00:00	0.00	0.00	0.00	443.92	426.12	2.1	329.7	0.00	0.00	0.00	146.36	140.49	0.23	10.35	18.92	83.84	86.68	06-Mar-14 16:00:00	0.23	10.35	18.92	230.20	227.17
06-Mar-14 17:00:00	06-Mar-14 18:00:00	0.00	0.00	0.00	440.63	485.67	2.1	329.7	0.00	0.00	0.00	145.28	160.13	0.23	10.35	18.92	83.84	86.68	06-Mar-14 17:00:00	0.23	10.35	18.92	229.12	246.81
06-Mar-14 18:00:00	06-Mar-14 19:00:00	0.00	0.00	0.00	444.43	401.41	2.1	329.7	0.00	0.00	0.00	146.53	132.25	0.23	10.35	18.92	83.84	86.68	06-Mar-14 18:00:00	0.23	10.35	18.92	230.37	219.03
06-Mar-14 19:00:00	06-Mar-14 20:00:00	0.00	0.00	0.00	527.63	473.15	2.1	329.7	0.00	0.00	0.00	173.96	156.00	0.23	10.35	18.92	83.84	86.68	06-Mar-14 19:00:00	0.23	10.35	18.92	257.80	242.68
06-Mar-14 20:00:00	06-Mar-14 21:00:00	0.00	0.00	0.00	536.16	550.26	2.1	329.7	0.00	0.00	0.00	176.77	181.42	0.23	10.35	18.92	83.84	86.68	06-Mar-14 20:00:00	0.23	10.35	18.92	260.61	268.10
06-Mar-14 21:00:00	06-Mar-14 22:00:00	0.00	0.00	0.00	408.40	531.71	2.1	329.7	0.00	0.00	0.00	134.65	175.30	0.23	10.35	18.92	83.84	86.68	06-Mar-14 21:00:00	0.23	10.35	18.92	218.49	261.98
06-Mar-14 22:00:00	06-Mar-14 23:00:00	0.00	0.00	0.00	345.53	469.41	2.1	329.7	0.00	0.00	0.00	113.92	154.76	0.23	10.35	18.92	83.84	86.68	06-Mar-14 22:00:00	0.23	10.35	18.92	197.76	241.44
06-Mar-14 23:00:00	07-Mar-14 00:00:00	0.00	0.00	0.00	172.20	361.12	2.1	329.7	0.00	0.00	0.00	56.77	119.06	0.23	10.35	18.92	83.84	86.68	06-Mar-14 23:00:00	0.23	10.35	18.92	140.61	205.74
07-Mar-14 00:00:00	07-Mar-14 01:00:00	0.00	0.00	0.00	399.20	502.99	2.1	329.7	0.00	0.00	0.00	131.61	165.84	0.23	10.35	18.92	83.84	86.68	07-Mar-14 00:00:00	0.23	10.35	18.92	215.45	252.52
07-Mar-14 01:00:00	07-Mar-14 02:00:00	0.00	0.00	0.00	585.87	634.71	2.1	329.7	0.00	0.00	0.00	193.16	209.26	0.23	10.35	18.92	83.84	86.68	07-Mar-14 01:00:00	0.23	10.35	18.92	277.00	295.94
07-Mar-14 02:00:00	07-Mar-14 03:00:00	0.00	0.00	0.00	689.81	986.43	2.1	329.7	0.00	0.00	0.00	227.43	325.22	0.23	10.35	18.92	83.84	86.68	07-Mar-14 02:00:00	0.23	10.35	18.92	311.27	411.90
07-Mar-14 03:00:00	07-Mar-14 04:00:00	0.00	0.00	0.00	708.76	1,010.42	2.1	329.7	0.00	0.00	0.00	233.68	333.14	0.23	10.35	18.92	83.84	86.68	07-Mar-14 03:00:00	0.23	10.35	18.92	317.62	419.82
07-Mar-14 04:00:00	07-Mar-14 05:00:00	0.00	8.32	0.00	623.57	1,036.44	2.1	329.7	0.00	0.00	0.00	205.89	317.71	0.23	10.35	18.92	83.84	86.68	07-Mar-14 04:00:00	0.23	10.35	18.92	289.43	428.39
07-Mar-14 05:00:00	07-Mar-14 06:00:00	0.00	0.00	0.00	448.37	924.56	2.1	329.7	0.00	0.00	0.00	147.83	304.83	0.23	10.35	18.92	83.84	86.68	07-Mar-14 05:00:00	0.23	10.35	18.92	231.67	391.51
07-Mar-14 06:00:00	07-Mar-14 07:00:00	0.00	0.00	0.00	317.65	914.91	2.1	329.7	0.00	0.00	0.00	104.73	301.65	0.23	10.35	18.92	83.84	86.68	07-Mar-14 06:00:00	0.23	10.35	18.92	188.57	388.33
07-Mar-14 07:00:00	07-Mar-14 08:00:00	0.00	0.00	0.00	181.04	737.61	2.1	329.7	0.00	0.00	0.00	59.69	243.19	0.23	10.35	18.92	83.84	86.68	07-Mar-14 07:00:00	0.23	10.35	18.92	143.53	329.87
07-Mar-14 08:00:00	07-Mar-14 09:00:00	0.00	0.00	0.00	132.48	417.12	2.1	329.7	0.00	0.00	0.00	43.68	137.53	0.23	10.35	18.92	83.84	86.68	07-Mar-14 08:00:00	0.23	10.35	18.92	127.52	224.21
07-Mar-14 09:00:00	07-Mar-14 10:00:00	0.00	0.00	0.00	125.88	408.02	2.1	329.7	0.00	0.00	0.00	41.50	134.52	0.23	10.35	18.92	83.84	86.68	07-Mar-14 09:00:00	0.23	10.35	18.92	125.34	221.20
07-Mar-14 10:00:00	07-Mar-14 11:00:00	0.00	0.00	0.00	163.16	473.51	2.1	329.7	0.00	0.00	0.00	53.79	156.11	0.23	10.35	18.92	83.84	86.68	07-Mar-14 10:00:00	0.23	10.35	18.92	137.63	242.79
07-Mar-14 11:00:00	07-Mar-14 12:00:00	0.00	0.00	0.00	250.87	855.65	2.1	329.7	0.00	0.00	0.00	82.71	282.11	0.23	10.35	18.92	83.84	86.68	07-Mar-14 11:00:00	0.23	10.35	18.92	166.55	368.79
07-Mar-14 12:00:00	07-Mar-14 13:00:00	0.00	0.00	0.00	193.35	292.26	2.1	329.7	0.00	0.00	0.00	63.75	96.36	0.23	10.35	18.92	83.84	86.68	07-Mar-14 12:00:00	0.23	10.35	18.92	147.59	183.04</

09-Mar-14 17:00:00	09-Mar-14 18:00:00	1,320.71	0.00	0.00	246.98	376.16	2.1	329.7	435.44	0.00	0.00	81.43	124.02	0.23	10.35	18.92	83.84	86.68	09-Mar-14 17:00:00	435.67	10.35	18.92	165.27	210.70
09-Mar-14 18:00:00	09-Mar-14 19:00:00	1,485.30	0.00	0.00	260.73	375.64	2.1	329.7	489.70	0.00	0.00	85.96	123.85	0.23	10.35	18.92	83.84	86.68	09-Mar-14 18:00:00	489.93	10.35	18.92	169.80	210.53
09-Mar-14 19:00:00	09-Mar-14 20:00:00	1,596.03	0.00	0.00	243.96	352.50	2.1	329.7	526.21	0.00	0.00	80.43	116.22	0.23	10.35	18.92	83.84	86.68	09-Mar-14 19:00:00	526.44	10.35	18.92	164.27	202.90
09-Mar-14 20:00:00	09-Mar-14 21:00:00	1,629.69	0.00	0.00	132.90	340.17	2.1	329.7	537.31	0.00	0.00	43.82	112.15	0.23	10.35	18.92	83.84	86.68	09-Mar-14 20:00:00	537.54	10.35	18.92	127.66	198.83
09-Mar-14 21:00:00	09-Mar-14 22:00:00	1,295.77	0.00	0.00	0.00	248.49	2.1	329.7	427.22	0.00	0.00	0.00	81.93	0.23	10.35	18.92	83.84	86.68	09-Mar-14 21:00:00	427.45	10.35	18.92	83.84	168.61
09-Mar-14 22:00:00	09-Mar-14 23:00:00	1,336.77	0.00	0.00	0.00	239.07	2.1	329.7	440.73	0.00	0.00	0.00	78.82	0.23	10.35	18.92	83.84	86.68	09-Mar-14 22:00:00	440.96	10.35	18.92	83.84	165.50
09-Mar-14 23:00:00	09-Mar-14 00:00:00	1,341.07	2.32	0.00	0.00	232.79	2.1	329.7	574.03	0.76	0.00	0.00	78.72	0.23	10.35	18.92	83.84	86.68	09-Mar-14 23:00:00	574.26	11.11	18.92	83.84	163.40
10-Mar-14 00:00:00	10-Mar-14 01:00:00	1,799.81	1.71	0.00	0.00	340.79	2.1	329.7	593.40	0.56	0.00	0.00	112.26	0.23	10.35	18.92	83.84	86.68	10-Mar-14 00:00:00	593.63	10.91	18.92	83.84	199.04
10-Mar-14 01:00:00	10-Mar-14 02:00:00	1,799.47	1.04	0.00	0.00	349.52	2.1	329.7	593.28	0.34	0.00	0.00	115.24	0.23	10.35	18.92	83.84	86.68	10-Mar-14 01:00:00	593.51	10.69	18.92	83.84	201.92
10-Mar-14 02:00:00	10-Mar-14 03:00:00	1,913.11	0.36	0.00	52.65	349.81	2.1	329.7	630.75	0.12	0.00	17.36	115.33	0.23	10.35	18.92	83.84	86.68	10-Mar-14 02:00:00	630.98	10.47	18.92	101.20	202.01
10-Mar-14 03:00:00	10-Mar-14 04:00:00	1,937.74	0.20	0.00	202.35	352.05	2.1	329.7	638.87	0.07	0.00	66.71	116.07	0.23	10.35	18.92	83.84	86.68	10-Mar-14 03:00:00	639.10	10.42	18.92	150.55	202.75
10-Mar-14 04:00:00	10-Mar-14 05:00:00	1,917.46	0.64	0.00	222.05	352.15	2.1	329.7	632.19	0.21	0.00	73.21	116.10	0.23	10.35	18.92	83.84	86.68	10-Mar-14 04:00:00	632.42	10.56	18.92	157.05	202.78
10-Mar-14 05:00:00	10-Mar-14 06:00:00	1,606.56	1.68	0.00	154.27	284.70	2.1	329.7	529.68	0.36	0.00	50.86	93.87	0.23	10.35	18.92	83.84	86.68	10-Mar-14 05:00:00	529.91	10.71	18.92	134.70	180.55
10-Mar-14 06:00:00	10-Mar-14 07:00:00	1,222.82	1.01	0.00	0.00	6.15	2.1	329.7	403.16	0.53	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	10-Mar-14 06:00:00	403.39	10.88	18.92	83.84	88.71
10-Mar-14 07:00:00	10-Mar-14 08:00:00	1,259.80	2.04	0.00	0.00	6.16	2.1	329.7	415.36	0.67	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	10-Mar-14 07:00:00	415.59	11.02	18.92	83.84	88.71
10-Mar-14 08:00:00	10-Mar-14 09:00:00	447.57	2.94	0.00	0.00	6.18	2.1	329.7	147.57	0.97	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	10-Mar-14 08:00:00	147.80	11.32	18.92	83.84	88.72
10-Mar-14 09:00:00	10-Mar-14 10:00:00	0.00	1.67	0.00	0.00	6.18	2.1	329.7	0.00	0.55	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	10-Mar-14 09:00:00	0.23	10.90	18.92	83.84	88.72
10-Mar-14 10:00:00	10-Mar-14 11:00:00	0.00	1.06	0.00	0.00	5.92	2.1	329.7	0.00	0.35	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	10-Mar-14 10:00:00	0.23	10.70	18.92	83.84	88.63
10-Mar-14 11:00:00	10-Mar-14 12:00:00	0.00	0.44	0.00	0.00	5.51	2.1	329.7	0.00	0.15	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	10-Mar-14 11:00:00	0.23	10.50	18.92	83.84	88.50
10-Mar-14 12:00:00	10-Mar-14 13:00:00	0.00	0.01	0.00	0.00	5.10	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	10-Mar-14 12:00:00	0.23	10.35	18.92	83.84	88.36
10-Mar-14 13:00:00	10-Mar-14 14:00:00	0.00	0.00	0.00	0.00	4.70	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	10-Mar-14 13:00:00	0.23	10.35	18.92	83.84	88.23
10-Mar-14 14:00:00	10-Mar-14 15:00:00	0.00	0.00	0.00	0.00	4.58	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	10-Mar-14 14:00:00	0.23	10.35	18.92	83.84	88.19
10-Mar-14 15:00:00	10-Mar-14 16:00:00	0.00	0.00	0.00	0.00	4.71	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	10-Mar-14 15:00:00	0.23	10.35	18.92	83.84	88.23
10-Mar-14 16:00:00	10-Mar-14 17:00:00	0.00	0.00	0.00	0.00	4.83	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	10-Mar-14 16:00:00	0.23	10.35	18.92	83.84	88.27
10-Mar-14 17:00:00	10-Mar-14 18:00:00	0.00	0.00	0.00	0.00	4.96	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	10-Mar-14 17:00:00	0.23	10.35	18.92	83.84	88.31
10-Mar-14 18:00:00	10-Mar-14 19:00:00	0.00	0.00	0.00	0.00	5.14	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	10-Mar-14 18:00:00	0.23	10.35	18.92	83.84	88.38
10-Mar-14 19:00:00	10-Mar-14 20:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	10-Mar-14 19:00:00	0.23	10.35	18.92	83.84	88.37
10-Mar-14 20:00:00	10-Mar-14 21:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	10-Mar-14 20:00:00	0.23	10.35	18.92	83.84	88.36
10-Mar-14 21:00:00	10-Mar-14 22:00:00	0.00	0.00	0.00	0.00	5.05	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	10-Mar-14 21:00:00	0.23	10.35	18.92	83.84	88.35
10-Mar-14 22:00:00	10-Mar-14 23:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	10-Mar-14 22:00:00	0.23	10.35	18.92	83.84	88.42
10-Mar-14 23:00:00	11-Mar-14 00:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	10-Mar-14 23:00:00	0.23	10.35	18.92	83.84	88.50
11-Mar-14 00:00:00	11-Mar-14 01:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Mar-14 00:00:00	0.23	10.35	18.92	83.84	88.59
11-Mar-14 01:00:00	11-Mar-14 02:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	11-Mar-14 01:00:00	0.23	10.35	18.92	83.84	88.66
11-Mar-14 02:00:00	11-Mar-14 03:00:00	0.00	0.00	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	11-Mar-14 02:00:00	0.23	10.35	18.92	83.84	88.74
11-Mar-14 03:00:00	11-Mar-14 04:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	11-Mar-14 03:00:00	0.23	10.35	18.92	83.84	88.79
11-Mar-14 04:00:00	11-Mar-14 05:00:00	0.00	0.00	0.00	0.00	6.53	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	11-Mar-14 04:00:00	0.23	10.35	18.92	83.84	88.83
11-Mar-14 05:00:00	11-Mar-14 06:00:00	0.00	0.00	0.00	0.00	6.68	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	11-Mar-14 05:00:00	0.23	10.35	18.92	83.84	88.88
11-Mar-14 06:00:00	11-Mar-14 07:00:00	0.00	0.00	0.00	0.00	6.82	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	11-Mar-14 06:00:00	0.23	10.35	18.92	83.84	88.93
11-Mar-14 07:00:00	11-Mar-14 08:00:00	0.00	0.00	0.00	0.00	6.72	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	11-Mar-14 07:00:00	0.23	10.35	18.92	83.84	88.90
11-Mar-14 08:00:00	11-Mar-14 09:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	1.22	2.18	0.23	10.35	18.92	83.84	86.68	11-Mar-14 08:00:00	0.23	10.35	18.92	85.06	88.86
11-Mar-14 09:00:00	11-Mar-14 10:00:00	0.00	0.00	0.00	0																			

13-Mar-14 12:00:00	13-Mar-14 13:00:00	0.00	0.00	0.00	12.68	226.75	2.1	329.7	0.00	0.00	0.00	4.18	74.76	0.23	10.35	18.92	83.84	86.68	13-Mar-14 12:00:00	0.23	10.35	18.92	88.02	161.44
13-Mar-14 13:00:00	13-Mar-14 14:00:00	0.00	0.00	0.00	0.00	313.39	2.1	329.7	0.00	0.00	0.00	0.00	103.32	0.23	10.35	18.92	83.84	86.68	13-Mar-14 13:00:00	0.23	10.35	18.92	83.84	190.00
13-Mar-14 14:00:00	13-Mar-14 15:00:00	0.00	0.00	0.00	0.00	316.29	2.1	329.7	0.00	0.00	0.00	0.00	104.28	0.23	10.35	18.92	83.84	86.68	13-Mar-14 14:00:00	0.23	10.35	18.92	83.84	190.96
13-Mar-14 15:00:00	13-Mar-14 16:00:00	0.00	0.00	0.00	0.00	333.51	2.1	329.7	0.00	0.00	0.00	0.00	109.96	0.23	10.35	18.92	83.84	86.68	13-Mar-14 15:00:00	0.23	10.35	18.92	83.84	196.64
13-Mar-14 16:00:00	13-Mar-14 17:00:00	0.00	0.00	0.00	0.00	343.79	2.1	329.7	0.00	0.00	0.00	0.00	113.35	0.23	10.35	18.92	83.84	86.68	13-Mar-14 16:00:00	0.23	10.35	18.92	83.84	200.03
13-Mar-14 17:00:00	13-Mar-14 18:00:00	0.00	0.00	0.00	0.00	300.27	2.1	329.7	0.00	0.00	0.00	0.00	99.00	0.23	10.35	18.92	83.84	86.68	13-Mar-14 17:00:00	0.23	10.35	18.92	83.84	185.68
13-Mar-14 18:00:00	13-Mar-14 19:00:00	0.00	0.00	0.00	0.00	189.03	2.1	329.7	0.00	0.00	0.00	0.00	61.92	0.23	10.35	18.92	83.84	86.68	13-Mar-14 18:00:00	0.23	10.35	18.92	83.84	149.00
13-Mar-14 19:00:00	13-Mar-14 20:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	13-Mar-14 19:00:00	0.23	10.35	18.92	83.84	88.81
13-Mar-14 20:00:00	13-Mar-14 21:00:00	0.38	0.00	0.00	0.00	6.76	2.1	329.7	0.13	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	13-Mar-14 20:00:00	0.36	10.35	18.92	83.84	88.91
13-Mar-14 21:00:00	13-Mar-14 22:00:00	0.00	0.00	0.00	0.00	7.06	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	13-Mar-14 21:00:00	0.23	10.35	18.92	83.84	89.01
13-Mar-14 22:00:00	13-Mar-14 23:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	13-Mar-14 22:00:00	0.23	10.35	18.92	83.84	89.10
13-Mar-14 23:00:00	14-Mar-14 00:00:00	0.00	0.00	0.00	0.00	7.56	2.1	329.7	0.00	0.00	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	13-Mar-14 23:00:00	0.23	10.35	18.92	83.84	89.17
14-Mar-14 00:00:00	14-Mar-14 01:00:00	0.00	0.00	0.00	0.00	7.79	2.1	329.7	0.00	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	14-Mar-14 00:00:00	0.23	10.35	18.92	83.84	89.25
14-Mar-14 01:00:00	14-Mar-14 02:00:00	0.00	0.00	0.00	0.00	8.02	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	14-Mar-14 01:00:00	0.23	10.35	18.92	83.84	89.32
14-Mar-14 02:00:00	14-Mar-14 03:00:00	0.00	0.00	0.00	0.00	8.21	2.1	329.7	0.00	0.00	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	14-Mar-14 02:00:00	0.23	10.35	18.92	83.84	89.39
14-Mar-14 03:00:00	14-Mar-14 04:00:00	0.00	0.00	0.00	0.00	8.24	2.1	329.7	0.00	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	14-Mar-14 03:00:00	0.23	10.35	18.92	83.84	89.40
14-Mar-14 04:00:00	14-Mar-14 05:00:00	0.00	0.00	0.00	0.00	8.27	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	14-Mar-14 04:00:00	0.23	10.35	18.92	83.84	89.41
14-Mar-14 05:00:00	14-Mar-14 06:00:00	0.00	0.00	0.00	0.00	8.30	2.1	329.7	0.00	0.00	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	14-Mar-14 05:00:00	0.23	10.35	18.92	83.84	89.42
14-Mar-14 06:00:00	14-Mar-14 07:00:00	0.00	0.00	0.00	0.00	8.45	2.1	329.7	0.00	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	14-Mar-14 06:00:00	0.23	10.35	18.92	83.84	89.47
14-Mar-14 07:00:00	14-Mar-14 08:00:00	0.00	0.00	0.00	0.00	8.61	2.1	329.7	0.00	0.00	0.00	0.00	2.84	0.23	10.35	18.92	83.84	86.68	14-Mar-14 07:00:00	0.23	10.35	18.92	83.84	89.52
14-Mar-14 08:00:00	14-Mar-14 09:00:00	0.00	0.00	0.00	0.00	93.16	2.1	329.7	0.00	0.00	0.00	0.00	30.71	0.23	10.35	18.92	83.84	86.68	14-Mar-14 08:00:00	0.23	10.35	18.92	83.84	117.39
14-Mar-14 09:00:00	14-Mar-14 10:00:00	0.00	0.00	0.00	0.00	406.66	2.1	329.7	0.00	0.00	0.00	0.00	134.08	0.23	10.35	18.92	83.84	86.68	14-Mar-14 09:00:00	0.23	10.35	18.92	83.84	220.76
14-Mar-14 10:00:00	14-Mar-14 11:00:00	0.00	0.00	0.00	219.99	655.37	2.1	329.7	0.00	0.00	0.00	72.53	216.08	0.23	10.35	18.92	83.84	86.68	14-Mar-14 10:00:00	0.23	10.35	18.92	156.37	302.76
14-Mar-14 11:00:00	14-Mar-14 12:00:00	0.00	0.00	0.00	2.52	372.08	2.1	329.7	0.00	0.00	0.00	0.83	122.68	0.23	10.35	18.92	83.84	86.68	14-Mar-14 11:00:00	0.23	10.35	18.92	84.67	209.36
14-Mar-14 12:00:00	14-Mar-14 13:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	14-Mar-14 12:00:00	0.23	10.35	18.92	83.84	88.59
14-Mar-14 13:00:00	14-Mar-14 14:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	14-Mar-14 13:00:00	0.23	10.35	18.92	83.84	88.58
14-Mar-14 14:00:00	14-Mar-14 15:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	14-Mar-14 14:00:00	0.23	10.35	18.92	83.84	88.58
14-Mar-14 15:00:00	14-Mar-14 16:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	14-Mar-14 15:00:00	0.23	10.35	18.92	83.84	88.55
14-Mar-14 16:00:00	14-Mar-14 17:00:00	0.00	0.00	0.00	0.00	5.53	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	14-Mar-14 16:00:00	0.23	10.35	18.92	83.84	88.50
14-Mar-14 17:00:00	14-Mar-14 18:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	14-Mar-14 17:00:00	0.23	10.35	18.92	83.84	88.51
14-Mar-14 18:00:00	14-Mar-14 19:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	14-Mar-14 18:00:00	0.23	10.35	18.92	83.84	88.50
14-Mar-14 19:00:00	14-Mar-14 20:00:00	0.00	0.00	0.00	0.00	5.49	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	14-Mar-14 19:00:00	0.23	10.35	18.92	83.84	88.49
14-Mar-14 20:00:00	14-Mar-14 21:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	14-Mar-14 20:00:00	0.23	10.35	18.92	83.84	88.48
14-Mar-14 21:00:00	14-Mar-14 22:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	14-Mar-14 21:00:00	0.23	10.35	18.92	83.84	88.51
14-Mar-14 22:00:00	14-Mar-14 23:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	14-Mar-14 22:00:00	0.23	10.35	18.92	83.84	88.56
14-Mar-14 23:00:00	15-Mar-14 00:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	14-Mar-14 23:00:00	0.23	10.35	18.92	83.84	88.60
15-Mar-14 00:00:00	15-Mar-14 01:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	15-Mar-14 00:00:00	0.23	10.35	18.92	83.84	88.64
15-Mar-14 01:00:00	15-Mar-14 02:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	15-Mar-14 01:00:00	0.23	10.35	18.92	83.84	88.67
15-Mar-14 02:00:00	15-Mar-14 03:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	15-Mar-14 02:00:00	0.23	10.35	18.92	83.84	88.69
15-Mar-14 03:00:00	15-Mar-14 04:00:00	0.00	0.00	0.00	0.00	22.44	2.1	329.7	0.00	0.00	0.00	0.00	7.40	0.23	10.35	18.92	83.84	86.68	15-Mar-14 03:00:00	0.23	10.35	18.92	83.84	94.08
15-Mar-14 04:00:00	15-Mar-14 05:00:00	0.00	0.00	0.00	0.00	78.58	2.1	329.7	0.00	0.00	0.00	25.91	163.99	0.23	10.35	18.92	83.84	86.68	15-Mar-14 04:00:00					

17-Mar-14 07:00:00	17-Mar-14 08:00:00	0.00	1,535.66	0.00	0.00	151.55	2.1	329.7	0.00	506.31	0.00	0.00	49.96	0.23	10.35	18.92	83.84	86.68	17-Mar-14 07:00:00	0.23	516.66	18.92	83.84	136.64
17-Mar-14 08:00:00	17-Mar-14 09:00:00	0.00	1,554.75	0.00	87.86	353.02	2.1	329.7	0.00	512.60	0.00	28.97	116.39	0.23	10.35	18.92	83.84	86.68	17-Mar-14 08:00:00	0.23	522.95	18.92	112.81	203.07
17-Mar-14 09:00:00	17-Mar-14 10:00:00	0.00	1,459.85	0.00	0.07	326.87	2.1	329.7	0.00	481.31	0.00	0.02	107.77	0.23	10.35	18.92	83.84	86.68	17-Mar-14 09:00:00	0.23	491.66	18.92	83.86	194.45
17-Mar-14 10:00:00	17-Mar-14 11:00:00	0.00	1,342.82	0.00	0.00	128.14	2.1	329.7	0.00	442.73	0.00	0.00	42.25	0.23	10.35	18.92	83.84	86.68	17-Mar-14 10:00:00	0.23	453.08	18.92	83.84	128.93
17-Mar-14 11:00:00	17-Mar-14 12:00:00	0.00	1,330.03	0.00	0.00	7.83	2.1	329.7	0.00	438.51	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	17-Mar-14 11:00:00	0.23	448.86	18.92	83.84	89.26
17-Mar-14 12:00:00	17-Mar-14 13:00:00	0.00	1,457.04	0.00	0.00	7.94	2.1	329.7	0.00	480.39	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	17-Mar-14 12:00:00	0.23	490.74	18.92	83.84	89.30
17-Mar-14 13:00:00	17-Mar-14 14:00:00	0.00	1,460.69	0.00	0.00	7.85	2.1	329.7	0.00	481.59	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	17-Mar-14 13:00:00	0.23	491.94	18.92	83.84	89.33
17-Mar-14 14:00:00	17-Mar-14 15:00:00	0.00	1,219.61	0.00	0.00	8.09	2.1	329.7	0.00	402.10	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	17-Mar-14 14:00:00	0.23	412.45	18.92	83.84	89.35
17-Mar-14 15:00:00	17-Mar-14 16:00:00	0.00	1,105.20	0.00	0.00	8.08	2.1	329.7	0.00	364.38	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	17-Mar-14 15:00:00	0.23	374.73	18.92	83.84	89.34
17-Mar-14 16:00:00	17-Mar-14 17:00:00	0.00	1,104.82	0.00	0.00	8.10	2.1	329.7	0.00	364.26	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	17-Mar-14 16:00:00	0.23	374.61	18.92	83.84	89.35
17-Mar-14 17:00:00	17-Mar-14 18:00:00	0.00	1,102.03	0.00	0.00	8.12	2.1	329.7	0.00	363.34	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	17-Mar-14 17:00:00	0.23	373.69	18.92	83.84	89.36
17-Mar-14 18:00:00	17-Mar-14 19:00:00	0.00	1,117.74	0.00	0.00	8.11	2.1	329.7	0.00	368.52	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	17-Mar-14 18:00:00	0.23	378.87	18.92	83.84	89.36
17-Mar-14 19:00:00	17-Mar-14 20:00:00	0.00	1,124.66	0.00	0.00	8.12	2.1	329.7	0.00	370.80	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	17-Mar-14 19:00:00	0.23	381.15	18.92	83.84	89.36
17-Mar-14 20:00:00	17-Mar-14 21:00:00	0.00	1,121.80	0.00	0.00	8.14	2.1	329.7	0.00	369.86	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	17-Mar-14 20:00:00	0.23	380.21	18.92	83.84	89.37
17-Mar-14 21:00:00	17-Mar-14 22:00:00	0.00	1,123.74	0.00	0.00	8.17	2.1	329.7	0.00	370.50	0.00	0.00	2.69	0.23	10.35	18.92	83.84	86.68	17-Mar-14 21:00:00	0.23	380.85	18.92	83.84	89.37
17-Mar-14 22:00:00	17-Mar-14 23:00:00	0.00	1,126.81	0.00	0.00	8.18	2.1	329.7	0.00	371.51	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	17-Mar-14 22:00:00	0.23	381.86	18.92	83.84	89.38
17-Mar-14 23:00:00	18-Mar-14 00:00:00	0.00	1,120.55	0.00	0.00	8.09	2.1	329.7	0.00	369.44	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	17-Mar-14 23:00:00	0.23	379.79	18.92	83.84	89.35
18-Mar-14 00:00:00	18-Mar-14 01:00:00	0.00	935.54	0.00	0.00	7.98	2.1	329.7	0.00	307.79	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	18-Mar-14 00:00:00	0.23	318.14	18.92	83.84	89.31
18-Mar-14 01:00:00	18-Mar-14 02:00:00	0.00	896.27	0.00	0.00	7.88	2.1	329.7	0.00	295.50	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	18-Mar-14 01:00:00	0.23	305.85	18.92	83.84	89.28
18-Mar-14 02:00:00	18-Mar-14 03:00:00	218.46	890.97	0.00	0.00	7.82	2.1	329.7	72.03	293.75	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	18-Mar-14 02:00:00	72.26	304.10	18.92	83.84	89.26
18-Mar-14 03:00:00	18-Mar-14 04:00:00	70.96	888.86	0.00	0.00	7.86	2.1	329.7	23.39	293.06	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	18-Mar-14 03:00:00	23.62	303.41	18.92	83.84	89.27
18-Mar-14 04:00:00	18-Mar-14 05:00:00	21.16	891.71	0.00	0.00	7.91	2.1	329.7	6.98	294.00	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	18-Mar-14 04:00:00	7.21	304.35	18.92	83.84	89.29
18-Mar-14 05:00:00	18-Mar-14 06:00:00	1,555.44	433.45	0.00	0.00	7.95	2.1	329.7	512.83	142.91	0.00	0.00	2.62	0.23	10.35	18.92	83.84	86.68	18-Mar-14 05:00:00	513.06	153.26	18.92	83.84	89.30
18-Mar-14 06:00:00	18-Mar-14 07:00:00	1,905.97	287.56	0.00	0.00	7.92	2.1	329.7	628.40	94.81	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	18-Mar-14 06:00:00	628.63	105.16	18.92	83.84	89.29
18-Mar-14 07:00:00	18-Mar-14 08:00:00	1,906.20	248.06	0.00	0.00	7.87	2.1	329.7	628.48	81.79	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	18-Mar-14 07:00:00	628.71	92.14	18.92	83.84	89.28
18-Mar-14 08:00:00	18-Mar-14 09:00:00	1,908.48	0.00	0.00	0.00	7.86	2.1	329.7	629.23	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	18-Mar-14 08:00:00	629.46	10.35	18.92	83.84	89.27
18-Mar-14 09:00:00	18-Mar-14 10:00:00	1,909.60	0.00	0.00	0.00	7.85	2.1	329.7	629.60	0.00	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	18-Mar-14 09:00:00	629.83	10.35	18.92	83.84	89.27
18-Mar-14 10:00:00	18-Mar-14 11:00:00	1,801.97	0.00	0.00	0.00	7.80	2.1	329.7	594.11	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	18-Mar-14 10:00:00	594.34	10.35	18.92	83.84	89.25
18-Mar-14 11:00:00	18-Mar-14 12:00:00	1,199.27	0.00	0.00	0.00	7.66	2.1	329.7	395.40	0.00	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	18-Mar-14 11:00:00	395.63	10.35	18.92	83.84	89.21
18-Mar-14 12:00:00	18-Mar-14 13:00:00	1,480.35	0.21	0.00	0.00	7.53	2.1	329.7	488.07	0.07	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	18-Mar-14 12:00:00	488.30	10.42	18.92	83.84	89.16
18-Mar-14 13:00:00	18-Mar-14 14:00:00	1,587.67	0.58	0.00	0.00	7.40	2.1	329.7	523.46	0.31	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	18-Mar-14 13:00:00	523.69	10.54	18.92	83.84	89.12
18-Mar-14 14:00:00	18-Mar-14 15:00:00	1,895.05	0.00	0.00	0.00	7.13	2.1	329.7	553.78	0.31	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	18-Mar-14 14:00:00	554.01	10.66	18.92	83.84	89.08
18-Mar-14 15:00:00	18-Mar-14 16:00:00	1,864.19	4.30	0.00	0.00	6.92	2.1	329.7	614.62	1.42	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Mar-14 15:00:00	614.85	11.77	18.92	83.84	89.06
18-Mar-14 16:00:00	18-Mar-14 17:00:00	2,116.40	21.46	0.00	0.00	6.85	2.1	329.7	697.78	7.08	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	18-Mar-14 16:00:00	698.01	17.43	18.92	83.84	89.04
18-Mar-14 17:00:00	18-Mar-14 18:00:00	2,084.69	735.26	0.00	0.00	6.78	2.1	329.7	687.32	242.42	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	18-Mar-14 17:00:00	687.55	252.77	18.92	83.84	89.02
18-Mar-14 18:00:00	18-Mar-14 19:00:00	2,066.48	720.14	0.00	0.00	6.74	2.1	329.7	681.32	237.43	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	18-Mar-14 18:00:00	681.55	247.78	18.92	83.84	89.00
18-Mar-14 19:00:00	18-Mar-14 20:00:00	2,112.57	927.17	0.00	0.00	27.98	2.1	329.7	696.52	305.69	0.00	0.00	9.22	0.23	10.35	18.92	83.84	86.68	18-Mar-14 19:00:00	696.75	316.04	18.92	83.84	89.00
18-Mar-14 20:00:00	18-Mar-14 21:00:00	1,592.04	936.98	0.00	0.00	429.89	2.1	329.7	524.90	308.92	0.00	0.00	141.73	0.23	10.35	18.92	83.84	86.68	18-Mar-14 20:00:00	525.13	319.27	18.92	83.84	228.41
18-Mar-14 21:00:00	18-Mar-14 22:00:00	1,404.56	777.85	0.00	0.00	417.96	2.1	329.7	463.08	256.46	0.00	0.00	137.80	0.23	10.35	18.92	83.84	86.68	18-Mar-14 21:00:00	463.31	266.81	18.92	83.84	224.48
18-Mar-14 22:00:00	18-Mar-14 23:00:00	1,308.29	767.17	0.00	0.00	384.06	2.1	329.7	431.34	252.94	0.00	0.00	126.62	0.23	10.35	18.92	83.84	86.68	1					

21-Mar-14 02:00:00	21-Mar-14 03:00:00	869.29	280.73	0.00	0.00	6.60	2.1	329.7	286.61	92.56	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	21-Mar-14 02:00:00	286.84	102.91	18.92	83.84	88.85
21-Mar-14 03:00:00	21-Mar-14 04:00:00	851.92	280.10	0.00	0.00	6.75	2.1	329.7	280.88	92.35	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	21-Mar-14 03:00:00	281.11	102.70	18.92	83.84	88.91
21-Mar-14 04:00:00	21-Mar-14 05:00:00	832.90	162.01	0.00	0.00	6.91	2.1	329.7	274.61	53.42	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	21-Mar-14 04:00:00	274.84	63.77	18.92	83.84	88.96
21-Mar-14 05:00:00	21-Mar-14 06:00:00	1,405.99	614.43	0.00	0.00	7.05	2.1	329.7	463.56	202.58	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	21-Mar-14 05:00:00	463.79	212.93	18.92	83.84	89.01
21-Mar-14 06:00:00	21-Mar-14 07:00:00	1,121.46	848.95	0.00	0.00	7.17	2.1	329.7	369.75	279.90	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	21-Mar-14 06:00:00	369.98	290.25	18.92	83.84	89.04
21-Mar-14 07:00:00	21-Mar-14 08:00:00	1,062.85	807.12	0.00	0.00	7.29	2.1	329.7	350.42	266.11	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	21-Mar-14 07:00:00	350.65	276.46	18.92	83.84	89.08
21-Mar-14 08:00:00	21-Mar-14 09:00:00	1,073.42	429.81	0.00	0.00	7.37	2.1	329.7	353.91	141.71	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	21-Mar-14 08:00:00	354.14	152.06	18.92	83.84	89.11
21-Mar-14 09:00:00	21-Mar-14 10:00:00	1,116.69	140.74	0.00	0.00	6.98	2.1	329.7	368.17	46.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	21-Mar-14 09:00:00	368.40	56.75	18.92	83.84	88.98
21-Mar-14 10:00:00	21-Mar-14 11:00:00	1,134.88	0.00	0.00	0.00	6.45	2.1	329.7	374.17	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	21-Mar-14 10:00:00	374.40	10.35	18.92	83.84	88.81
21-Mar-14 11:00:00	21-Mar-14 12:00:00	1,144.69	0.50	0.00	0.00	5.92	2.1	329.7	377.40	0.17	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	21-Mar-14 11:00:00	377.63	10.52	18.92	83.84	88.63
21-Mar-14 12:00:00	21-Mar-14 13:00:00	1,148.60	2.66	0.00	0.00	5.48	2.1	329.7	378.69	0.87	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	21-Mar-14 12:00:00	378.92	11.22	18.92	83.84	88.49
21-Mar-14 13:00:00	21-Mar-14 14:00:00	1,148.13	3.53	0.00	0.00	5.30	2.1	329.7	378.54	1.17	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	21-Mar-14 13:00:00	378.77	11.52	18.92	83.84	88.43
21-Mar-14 14:00:00	21-Mar-14 15:00:00	1,152.53	4.10	0.00	0.00	5.11	2.1	329.7	379.99	1.35	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	21-Mar-14 14:00:00	380.22	11.70	18.92	83.84	88.36
21-Mar-14 15:00:00	21-Mar-14 16:00:00	1,155.32	4.01	0.00	0.00	4.91	2.1	329.7	380.91	1.32	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	21-Mar-14 15:00:00	381.14	11.67	18.92	83.84	88.30
21-Mar-14 16:00:00	21-Mar-14 17:00:00	1,156.99	92.13	0.00	0.00	4.81	2.1	329.7	381.46	30.37	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	21-Mar-14 16:00:00	381.69	40.72	18.92	83.84	88.27
21-Mar-14 17:00:00	21-Mar-14 18:00:00	1,158.39	344.27	0.00	0.00	4.88	2.1	329.7	381.92	113.51	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	21-Mar-14 17:00:00	382.15	123.86	18.92	83.84	88.29
21-Mar-14 18:00:00	21-Mar-14 19:00:00	1,160.80	348.65	0.00	0.00	4.89	2.1	329.7	382.72	114.95	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	21-Mar-14 18:00:00	382.95	125.30	18.92	83.84	88.29
21-Mar-14 19:00:00	21-Mar-14 20:00:00	1,156.16	349.27	0.00	0.00	4.90	2.1	329.7	381.18	115.15	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	21-Mar-14 19:00:00	381.41	125.50	18.92	83.84	88.30
21-Mar-14 20:00:00	21-Mar-14 21:00:00	1,160.77	250.13	0.00	0.00	4.88	2.1	329.7	382.71	82.47	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	21-Mar-14 20:00:00	382.94	92.82	18.92	83.84	88.29
21-Mar-14 21:00:00	21-Mar-14 22:00:00	1,149.82	166.15	0.00	0.00	5.01	2.1	329.7	379.10	54.78	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	21-Mar-14 21:00:00	379.33	65.13	18.92	83.84	88.32
21-Mar-14 22:00:00	21-Mar-14 23:00:00	1,148.57	481.48	0.00	0.00	5.26	2.1	329.7	378.68	158.74	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	21-Mar-14 22:00:00	378.91	169.09	18.92	83.84	88.42
21-Mar-14 23:00:00	22-Mar-14 00:00:00	1,757.30	90.30	0.00	0.00	5.51	2.1	329.7	579.38	29.77	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	21-Mar-14 23:00:00	579.61	40.12	18.92	83.84	88.50
22-Mar-14 00:00:00	22-Mar-14 01:00:00	1,535.57	0.00	0.00	0.00	5.73	2.1	329.7	506.28	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	22-Mar-14 00:00:00	506.51	10.35	18.92	83.84	88.57
22-Mar-14 01:00:00	22-Mar-14 02:00:00	1,592.82	0.00	0.00	0.00	5.87	2.1	329.7	525.15	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	22-Mar-14 01:00:00	525.38	10.35	18.92	83.84	88.62
22-Mar-14 02:00:00	22-Mar-14 03:00:00	1,554.46	0.47	0.00	0.00	6.02	2.1	329.7	512.51	0.16	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	22-Mar-14 02:00:00	512.74	10.51	18.92	83.84	88.67
22-Mar-14 03:00:00	22-Mar-14 04:00:00	1,501.64	1.39	0.00	0.00	6.17	2.1	329.7	495.09	0.46	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	22-Mar-14 03:00:00	495.32	10.81	18.92	83.84	88.72
22-Mar-14 04:00:00	22-Mar-14 05:00:00	1,381.85	3.00	0.00	0.00	6.32	2.1	329.7	455.60	1.99	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	22-Mar-14 04:00:00	455.83	11.34	18.92	83.84	88.76
22-Mar-14 05:00:00	22-Mar-14 06:00:00	1,402.44	1.05	0.00	0.00	6.36	2.1	329.7	462.38	0.35	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	22-Mar-14 05:00:00	462.61	10.70	18.92	83.84	88.78
22-Mar-14 06:00:00	22-Mar-14 07:00:00	1,322.86	2.39	0.00	0.00	6.36	2.1	329.7	436.15	0.79	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	22-Mar-14 06:00:00	436.38	11.14	18.92	83.84	88.78
22-Mar-14 07:00:00	22-Mar-14 08:00:00	1,442.00	12.51	0.00	0.00	6.36	2.1	329.7	475.43	4.13	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	22-Mar-14 07:00:00	475.66	14.48	18.92	83.84	88.78
22-Mar-14 08:00:00	22-Mar-14 09:00:00	1,446.68	9.79	0.00	0.00	6.37	2.1	329.7	476.97	3.23	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	22-Mar-14 08:00:00	477.20	13.58	18.92	83.84	88.78
22-Mar-14 09:00:00	22-Mar-14 10:00:00	1,495.72	7.82	0.00	0.00	6.49	2.1	329.7	492.71	2.58	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	22-Mar-14 09:00:00	493.18	12.83	18.92	83.84	88.79
22-Mar-14 10:00:00	22-Mar-14 11:00:00	1,613.88	3.35	0.00	0.00	5.85	2.1	329.7	532.10	1.10	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	22-Mar-14 10:00:00	532.33	11.45	18.92	83.84	88.61
22-Mar-14 11:00:00	22-Mar-14 12:00:00	1,616.72	3.34	0.00	0.00	5.55	2.1	329.7	533.03	0.11	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	22-Mar-14 11:00:00	533.26	10.46	18.92	83.84	88.51
22-Mar-14 12:00:00	22-Mar-14 13:00:00	1,531.36	2.22	0.00	0.00	5.26	2.1	329.7	504.89	0.73	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	22-Mar-14 12:00:00	505.12	11.08	18.92	83.84	88.41
22-Mar-14 13:00:00	22-Mar-14 14:00:00	1,123.27	1.40	0.00	0.00	5.13	2.1	329.7	370.34	0.46	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	22-Mar-14 13:00:00	370.57	10.81	18.92	83.84	88.37
22-Mar-14 14:00:00	22-Mar-14 15:00:00	1,005.30	0.43	0.00	0.00	5.05	2.1	329.7	331.45	0.14	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	22-Mar-14 14:00:00	331.68	10.49	18.92	83.84	88.34
22-Mar-14 15:00:00	22-Mar-14 16:00:00	970.72	0.19	0.00	0.00	4.97	2.1	329.7	320.05	0.06	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	22-Mar-14 15:00:00	320.28	10.41	18.92	83.84	88.32
22-Mar-14 16:00:00	22-Mar-14 17:00:00	974.20	0.00	0.00	0.00	15.14	2.1	329.7	321.19	0.00	0.00	0.00	4.99	0.23	10.35	18.92	83.84	86.68	22-Mar-14 16:00:00	321.42	10.35	18.92	83.84	91.67
22-Mar-14 17:00:00	22-Mar-14 18:00:00	965.14	0.00	0.00	0.00	4.92	2.1	329.7	318.21	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	2					

24-Mar-14 21:00:00	24-Mar-14 22:00:00	0.00	337.89	0.00	0.00	1,915.49	2.1	329.7	0.00	111.40	0.00	0.00	631.54	0.23	10.35	18.92	83.84	86.68	24-Mar-14 21:00:00	0.23	121.75	18.92	83.84	718.22
24-Mar-14 22:00:00	24-Mar-14 23:00:00	0.00	336.60	0.00	0.00	1,916.26	2.1	329.7	0.00	110.98	0.00	0.00	631.79	0.23	10.35	18.92	83.84	86.68	24-Mar-14 22:00:00	0.23	121.33	18.92	83.84	718.47
24-Mar-14 23:00:00	25-Mar-14 00:00:00	0.00	348.56	0.00	0.00	1,914.49	2.1	329.7	0.00	114.92	0.00	0.00	631.21	0.23	10.35	18.92	83.84	86.68	24-Mar-14 23:00:00	0.23	125.27	18.92	83.84	717.89
25-Mar-14 00:00:00	25-Mar-14 01:00:00	0.00	360.69	0.00	0.00	1,918.07	2.1	329.7	0.00	118.92	0.00	0.00	632.39	0.23	10.35	18.92	83.84	86.68	25-Mar-14 00:00:00	0.23	129.27	18.92	83.84	719.07
25-Mar-14 01:00:00	25-Mar-14 02:00:00	0.00	355.67	0.00	0.00	1,917.88	2.1	329.7	0.00	117.27	0.00	0.00	632.33	0.23	10.35	18.92	83.84	86.68	25-Mar-14 01:00:00	0.23	127.62	18.92	83.84	719.01
25-Mar-14 02:00:00	25-Mar-14 03:00:00	0.00	286.16	0.00	0.00	1,916.45	2.1	329.7	0.00	95.01	0.00	0.00	631.85	0.23	10.35	18.92	83.84	86.68	25-Mar-14 02:00:00	0.23	105.36	18.92	83.84	718.53
25-Mar-14 03:00:00	25-Mar-14 04:00:00	0.00	286.16	0.00	0.00	1,914.16	2.1	329.7	0.00	95.01	0.00	0.00	631.80	0.23	10.35	18.92	83.84	86.68	25-Mar-14 03:00:00	0.23	105.36	18.92	83.84	718.53
25-Mar-14 04:00:00	25-Mar-14 05:00:00	0.56	0.00	0.00	0.00	1,915.10	2.1	329.7	0.18	0.00	0.00	0.00	631.41	0.23	10.35	18.92	83.84	86.68	25-Mar-14 04:00:00	0.41	10.35	18.92	83.84	718.09
25-Mar-14 05:00:00	25-Mar-14 06:00:00	0.54	0.00	0.00	0.00	1,915.12	2.1	329.7	0.18	0.00	0.00	0.00	631.41	0.23	10.35	18.92	83.84	86.68	25-Mar-14 05:00:00	0.41	10.35	18.92	83.84	718.09
25-Mar-14 06:00:00	25-Mar-14 07:00:00	0.00	0.00	0.00	0.00	1,917.12	2.1	329.7	0.00	0.00	0.00	0.00	632.08	0.23	10.35	18.92	83.84	86.68	25-Mar-14 06:00:00	0.23	10.35	18.92	83.84	718.76
25-Mar-14 07:00:00	25-Mar-14 08:00:00	0.00	0.00	0.00	0.00	1,917.94	2.1	329.7	0.00	0.00	0.00	0.00	632.34	0.23	10.35	18.92	83.84	86.68	25-Mar-14 07:00:00	0.23	10.35	18.92	83.84	719.02
25-Mar-14 08:00:00	25-Mar-14 09:00:00	0.00	0.00	0.00	0.00	1,917.11	2.1	329.7	0.00	0.00	0.00	0.00	632.07	0.23	10.35	18.92	83.84	86.68	25-Mar-14 08:00:00	0.23	10.35	18.92	83.84	718.75
25-Mar-14 09:00:00	25-Mar-14 10:00:00	0.00	0.00	0.00	0.00	1,915.19	2.1	329.7	0.00	0.00	0.00	0.00	631.44	0.23	10.35	18.92	83.84	86.68	25-Mar-14 09:00:00	0.23	10.35	18.92	83.84	718.12
25-Mar-14 10:00:00	25-Mar-14 11:00:00	0.00	0.00	0.00	0.00	1,913.69	2.1	329.7	0.00	0.00	0.00	0.00	630.94	0.23	10.35	18.92	83.84	86.68	25-Mar-14 10:00:00	0.23	10.35	18.92	83.84	717.62
25-Mar-14 11:00:00	25-Mar-14 12:00:00	0.00	0.00	0.00	0.00	1,915.31	2.1	329.7	0.00	0.00	0.00	0.00	631.48	0.23	10.35	18.92	83.84	86.68	25-Mar-14 11:00:00	0.23	10.35	18.92	83.84	718.16
25-Mar-14 12:00:00	25-Mar-14 13:00:00	0.00	0.00	0.00	0.00	1,917.14	2.1	329.7	0.00	0.00	0.00	0.00	632.08	0.23	10.35	18.92	83.84	86.68	25-Mar-14 12:00:00	0.23	10.35	18.92	83.84	718.76
25-Mar-14 13:00:00	25-Mar-14 14:00:00	0.00	0.00	0.00	0.00	1,876.95	2.1	329.7	0.00	0.00	0.00	0.00	618.83	0.23	10.35	18.92	83.84	86.68	25-Mar-14 13:00:00	0.23	10.35	18.92	83.84	705.51
25-Mar-14 14:00:00	25-Mar-14 15:00:00	0.00	0.00	0.00	0.00	1,905.45	2.1	329.7	0.00	0.00	0.00	0.00	628.23	0.23	10.35	18.92	83.84	86.68	25-Mar-14 14:00:00	0.23	10.35	18.92	83.84	714.91
25-Mar-14 15:00:00	25-Mar-14 16:00:00	0.00	0.00	0.00	0.00	1,929.65	2.1	329.7	0.00	0.00	0.00	0.00	636.21	0.23	10.35	18.92	83.84	86.68	25-Mar-14 15:00:00	0.23	10.35	18.92	83.84	722.89
25-Mar-14 16:00:00	25-Mar-14 17:00:00	0.00	0.00	0.00	0.00	1,928.96	2.1	329.7	0.00	0.00	0.00	0.00	635.98	0.23	10.35	18.92	83.84	86.68	25-Mar-14 16:00:00	0.23	10.35	18.92	83.84	722.66
25-Mar-14 17:00:00	25-Mar-14 18:00:00	0.00	0.00	0.00	0.00	1,927.97	2.1	329.7	0.00	0.00	0.00	0.00	635.65	0.23	10.35	18.92	83.84	86.68	25-Mar-14 17:00:00	0.23	10.35	18.92	83.84	722.33
25-Mar-14 18:00:00	25-Mar-14 19:00:00	0.00	0.00	0.00	0.00	1,928.86	2.1	329.7	0.00	0.00	0.00	0.00	635.95	0.23	10.35	18.92	83.84	86.68	25-Mar-14 18:00:00	0.23	10.35	18.92	83.84	722.63
25-Mar-14 19:00:00	25-Mar-14 20:00:00	0.00	0.00	0.00	0.00	1,929.03	2.1	329.7	0.00	0.00	0.00	0.00	636.00	0.23	10.35	18.92	83.84	86.68	25-Mar-14 19:00:00	0.23	10.35	18.92	83.84	722.68
25-Mar-14 20:00:00	25-Mar-14 21:00:00	0.00	0.00	0.00	0.00	1,927.84	2.1	329.7	0.00	0.00	0.00	0.00	635.61	0.23	10.35	18.92	83.84	86.68	25-Mar-14 20:00:00	0.23	10.35	18.92	83.84	722.29
25-Mar-14 21:00:00	25-Mar-14 22:00:00	0.00	0.00	0.00	0.00	1,928.18	2.1	329.7	0.00	0.00	0.00	0.00	635.72	0.23	10.35	18.92	83.84	86.68	25-Mar-14 21:00:00	0.23	10.35	18.92	83.84	722.40
25-Mar-14 22:00:00	25-Mar-14 23:00:00	0.00	0.00	0.00	0.00	1,927.22	2.1	329.7	0.00	0.00	0.00	0.00	635.40	0.23	10.35	18.92	83.84	86.68	25-Mar-14 22:00:00	0.23	10.35	18.92	83.84	722.08
25-Mar-14 23:00:00	26-Mar-14 00:00:00	0.00	0.96	0.00	0.00	1,929.37	2.1	329.7	0.00	0.32	0.00	0.00	636.11	0.23	10.35	18.92	83.84	86.68	25-Mar-14 23:00:00	0.23	10.67	18.92	83.84	722.79
26-Mar-14 00:00:00	26-Mar-14 01:00:00	0.00	0.12	0.00	0.00	1,702.44	2.1	329.7	0.00	0.04	0.00	0.00	561.29	0.23	10.35	18.92	83.84	86.68	26-Mar-14 00:00:00	0.23	10.39	18.92	83.84	647.97
26-Mar-14 01:00:00	26-Mar-14 02:00:00	0.00	0.00	0.00	0.00	7.72	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	26-Mar-14 01:00:00	0.23	10.35	18.92	83.84	89.23
26-Mar-14 02:00:00	26-Mar-14 03:00:00	0.00	0.00	0.00	0.00	7.73	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	26-Mar-14 02:00:00	0.23	10.35	18.92	83.84	89.23
26-Mar-14 03:00:00	26-Mar-14 04:00:00	0.00	0.00	0.00	0.00	7.73	2.1	329.7	0.00	0.00	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	26-Mar-14 03:00:00	0.23	10.35	18.92	83.84	89.23
26-Mar-14 04:00:00	26-Mar-14 05:00:00	0.00	4.25	0.00	0.00	7.72	2.1	329.7	0.00	1.40	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	26-Mar-14 04:00:00	0.23	11.35	18.92	83.84	89.23
26-Mar-14 05:00:00	26-Mar-14 06:00:00	0.00	15.38	0.00	0.00	7.63	2.1	329.7	0.00	5.07	0.00	0.00	2.52	0.23	10.35	18.92	83.84	86.68	26-Mar-14 05:00:00	0.23	15.42	18.92	83.84	89.20
26-Mar-14 06:00:00	26-Mar-14 07:00:00	0.00	10.57	0.00	0.00	7.82	2.1	329.7	0.00	3.49	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	26-Mar-14 06:00:00	0.23	13.84	18.92	83.84	89.26
26-Mar-14 07:00:00	26-Mar-14 08:00:00	0.00	12.42	0.00	0.00	8.02	2.1	329.7	0.00	4.10	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	26-Mar-14 07:00:00	0.23	14.45	18.92	83.84	89.32
26-Mar-14 08:00:00	26-Mar-14 09:00:00	0.00	28.84	0.00	0.00	8.21	2.1	329.7	0.00	9.51	0.00	0.00	2.71	0.23	10.35	18.92	83.84	86.68	26-Mar-14 08:00:00	0.23	19.86	18.92	83.84	89.39
26-Mar-14 09:00:00	26-Mar-14 10:00:00	0.00	35.21	0.00	0.00	8.20	2.1	329.7	0.00	11.61	0.00	0.00	2.70	0.23	10.35	18.92	83.84	86.68	26-Mar-14 09:00:00	0.23	21.96	18.92	83.84	89.38
26-Mar-14 10:00:00	26-Mar-14 11:00:00	0.00	26.87	0.00	0.00	7.86	2.1	329.7	0.00	8.86	0.00	0.00	2.59	0.23	10.35	18.92	83.84	86.68	26-Mar-14 10:00:00	0.23	19.21	18.92	83.84	89.27
26-Mar-14 11:00:00	26-Mar-14 12:00:00	0.00	11.96	0.00	0.00	7.52	2.1	329.7	0.00	3.94	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	26-Mar-14 11:00:00	0.23	14.29	18.92	83.84	89.16
26-Mar-14 12:00:00	26-Mar-14 13:00:00	0.00	2.63	0.00	0.00	7.17	2.1	329.7	0.00	0.87	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	26-Mar-14 12:00:00	0.23	11.22	18.92	83.84	89.04
26-Mar-14 13:00:00	26-Mar-14 14:00:00	0.00	1.																					

28-Mar-14 16:00:00	28-Mar-14 17:00:00	0.00	0.00	0.00	0.00	4.97	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	28-Mar-14 16:00:00	0.23	10.35	18.92	83.84	88.32
28-Mar-14 17:00:00	28-Mar-14 18:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	28-Mar-14 17:00:00	0.23	10.35	18.92	83.84	88.34
28-Mar-14 18:00:00	28-Mar-14 19:00:00	0.00	0.00	0.00	0.00	5.07	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	28-Mar-14 18:00:00	0.23	10.35	18.92	83.84	88.35
28-Mar-14 19:00:00	28-Mar-14 20:00:00	0.00	0.00	0.00	0.00	5.19	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	28-Mar-14 19:00:00	0.23	10.35	18.92	83.84	88.39
28-Mar-14 20:00:00	28-Mar-14 21:00:00	0.00	0.00	0.00	0.00	5.55	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	28-Mar-14 20:00:00	0.23	10.35	18.92	83.84	88.44
28-Mar-14 21:00:00	28-Mar-14 22:00:00	0.00	0.00	0.00	0.00	5.52	2.1	329.7	0.00	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	28-Mar-14 21:00:00	0.23	10.35	18.92	83.84	88.50
28-Mar-14 22:00:00	28-Mar-14 23:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	28-Mar-14 22:00:00	0.23	10.35	18.92	83.84	88.53
28-Mar-14 23:00:00	29-Mar-14 00:00:00	0.00	0.00	0.00	0.00	5.64	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	28-Mar-14 23:00:00	0.23	10.35	18.92	83.84	88.54
29-Mar-14 00:00:00	29-Mar-14 01:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	29-Mar-14 00:00:00	0.23	10.35	18.92	83.84	88.57
29-Mar-14 01:00:00	29-Mar-14 02:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	29-Mar-14 01:00:00	0.23	10.35	18.92	83.84	88.60
29-Mar-14 02:00:00	29-Mar-14 03:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	29-Mar-14 02:00:00	0.23	10.35	18.92	83.84	88.62
29-Mar-14 03:00:00	29-Mar-14 04:00:00	0.00	0.00	0.00	0.00	5.96	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	29-Mar-14 03:00:00	0.23	10.35	18.92	83.84	88.65
29-Mar-14 04:00:00	29-Mar-14 05:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	29-Mar-14 04:00:00	0.23	10.35	18.92	83.84	88.68
29-Mar-14 05:00:00	29-Mar-14 06:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	29-Mar-14 05:00:00	0.23	10.35	18.92	83.84	88.71
29-Mar-14 06:00:00	29-Mar-14 07:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	29-Mar-14 06:00:00	0.23	10.35	18.92	83.84	88.69
29-Mar-14 07:00:00	29-Mar-14 08:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	29-Mar-14 07:00:00	0.23	10.35	18.92	83.84	88.65
29-Mar-14 08:00:00	29-Mar-14 09:00:00	0.00	0.00	0.00	0.00	5.93	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	29-Mar-14 08:00:00	0.23	10.35	18.92	83.84	88.63
29-Mar-14 09:00:00	29-Mar-14 10:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	29-Mar-14 09:00:00	0.23	10.35	18.92	83.84	88.62
29-Mar-14 10:00:00	29-Mar-14 11:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	29-Mar-14 10:00:00	0.23	10.35	18.92	83.84	88.63
29-Mar-14 11:00:00	29-Mar-14 12:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	29-Mar-14 11:00:00	0.23	10.35	18.92	83.84	88.58
29-Mar-14 12:00:00	29-Mar-14 13:00:00	0.00	0.00	0.00	0.00	5.46	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	29-Mar-14 12:00:00	0.23	10.35	18.92	83.84	88.48
29-Mar-14 13:00:00	29-Mar-14 14:00:00	0.00	0.09	0.00	0.00	5.14	2.1	329.7	0.00	0.36	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	29-Mar-14 13:00:00	0.23	10.71	18.92	83.84	88.38
29-Mar-14 14:00:00	29-Mar-14 15:00:00	0.00	1.07	0.00	0.00	4.90	2.1	329.7	0.00	0.29	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	29-Mar-14 14:00:00	0.23	10.64	18.92	83.84	88.30
29-Mar-14 15:00:00	29-Mar-14 16:00:00	0.00	4.64	0.00	0.00	4.95	2.1	329.7	0.00	1.53	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	29-Mar-14 15:00:00	0.23	11.88	18.92	83.84	88.31
29-Mar-14 16:00:00	29-Mar-14 17:00:00	0.00	0.55	0.00	0.00	5.02	2.1	329.7	0.00	0.18	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	29-Mar-14 16:00:00	0.23	10.53	18.92	83.84	88.34
29-Mar-14 17:00:00	29-Mar-14 18:00:00	0.00	1.11	0.00	0.00	5.10	2.1	329.7	0.00	0.04	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	29-Mar-14 17:00:00	0.23	10.39	18.92	83.84	88.36
29-Mar-14 18:00:00	29-Mar-14 19:00:00	0.00	0.65	0.00	0.00	5.21	2.1	329.7	0.00	0.54	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	29-Mar-14 18:00:00	0.23	10.89	18.92	83.84	88.40
29-Mar-14 19:00:00	29-Mar-14 20:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	29-Mar-14 19:00:00	0.23	10.35	18.92	83.84	88.46
29-Mar-14 20:00:00	29-Mar-14 21:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	29-Mar-14 20:00:00	0.23	10.35	18.92	83.84	88.53
29-Mar-14 21:00:00	29-Mar-14 22:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	29-Mar-14 21:00:00	0.23	10.35	18.92	83.84	88.59
29-Mar-14 22:00:00	29-Mar-14 23:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	29-Mar-14 22:00:00	0.23	10.35	18.92	83.84	88.67
30-Mar-14 00:00:00	30-Mar-14 01:00:00	0.00	0.38	0.00	0.00	6.36	2.1	329.7	0.00	0.13	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	30-Mar-14 00:00:00	0.23	10.45	18.92	83.84	88.74
30-Mar-14 01:00:00	30-Mar-14 02:00:00	0.00	0.91	0.00	0.00	6.68	2.1	329.7	0.00	0.10	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	30-Mar-14 01:00:00	0.23	10.45	18.92	83.84	88.88
30-Mar-14 02:00:00	30-Mar-14 03:00:00	0.00	0.25	0.00	0.00	7.01	2.1	329.7	0.00	0.31	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	30-Mar-14 02:00:00	0.23	10.66	18.92	83.84	88.99
30-Mar-14 03:00:00	30-Mar-14 04:00:00	0.00	0.99	0.00	0.00	7.19	2.1	329.7	0.00	0.33	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	30-Mar-14 03:00:00	0.23	10.68	18.92	83.84	89.05
30-Mar-14 04:00:00	30-Mar-14 05:00:00	0.00	3.53	0.00	0.00	7.17	2.1	329.7	0.00	1.16	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	30-Mar-14 04:00:00	0.23	11.51	18.92	83.84	89.04
30-Mar-14 05:00:00	30-Mar-14 06:00:00	0.00	12.02	0.00	0.00	7.26	2.1	329.7	0.00	3.96	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	30-Mar-14 05:00:00	0.23	14.31	18.92	83.84	89.07
30-Mar-14 06:00:00	30-Mar-14 07:00:00	0.00	13.69	0.00	0.00	7.35	2.1	329.7	0.00	4.51	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	30-Mar-14 06:00:00	0.23	14.86	18.92	83.84	89.10
30-Mar-14 07:00:00	30-Mar-14 08:00:00	0.00	1.58	0.00	0.00	7.46	2.1	329.7	0.00	0.52	0.00	0.00	2.46	0.23	10.35	18.92	83.84	86.68	30-Mar-14 07:00:00	0.23	10.87	18.92	83.84	89.14
30-Mar-14 08:00:00	30-Mar-14 09:00:00	0.00	0.90	0.00	0.00	7.39	2.1	329.7	0.00	0.30	0.00	0.00	2.44	0.23	10.35	18.92	83.84	86.68	30-Mar-14 08:00:00	0.23	10.65	18.92	83.84	89.12
30-Mar-14 09:00:00	30-Mar-14 10:00:00	0.00	0.59	0.00	0.00	7.23	2.1	329.7	0.00	0.19	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	30-Mar-14 09:00:00	0.23	10.54	18.92	83.84	89.06

01-Apr-14 11:00:00	01-Apr-14 12:00:00	0.00	3.23	0.00	0.00	5.11	2.1	329.7	0.00	1.06	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	01-Apr-14 11:00:00	0.23	11.41	18.92	83.84	88.37
01-Apr-14 12:00:00	01-Apr-14 13:00:00	0.00	4.27	0.00	0.00	4.79	2.1	329.7	0.00	1.41	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	01-Apr-14 12:00:00	0.23	11.76	18.92	83.84	88.26
01-Apr-14 13:00:00	01-Apr-14 14:00:00	0.00	4.47	0.00	0.00	4.47	2.1	329.7	0.00	1.47	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	01-Apr-14 13:00:00	0.23	11.82	18.92	83.84	88.15
01-Apr-14 14:00:00	01-Apr-14 15:00:00	0.00	1.25	0.00	0.00	4.17	2.1	329.7	0.00	0.41	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	01-Apr-14 14:00:00	0.23	10.76	18.92	83.84	88.06
01-Apr-14 15:00:00	01-Apr-14 16:00:00	0.00	13.08	0.00	0.00	4.13	2.1	329.7	0.00	4.31	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	01-Apr-14 15:00:00	0.23	14.66	18.92	83.84	88.04
01-Apr-14 16:00:00	01-Apr-14 17:00:00	0.00	11.00	0.00	0.00	4.17	2.1	329.7	0.00	3.63	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	01-Apr-14 16:00:00	0.23	13.98	18.92	83.84	88.26
01-Apr-14 17:00:00	01-Apr-14 18:00:00	0.00	0.00	0.00	0.00	4.27	2.1	329.7	0.00	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	01-Apr-14 17:00:00	0.23	10.35	18.92	83.84	88.07
01-Apr-14 18:00:00	01-Apr-14 19:00:00	0.00	0.00	0.00	0.00	249.14	2.1	329.7	0.00	0.00	0.00	0.00	82.14	0.23	10.35	18.92	83.84	86.68	01-Apr-14 18:00:00	0.23	10.35	18.92	83.84	168.82
01-Apr-14 19:00:00	01-Apr-14 20:00:00	0.00	0.00	0.00	0.00	229.98	2.1	329.7	0.00	0.00	0.00	0.00	75.83	0.23	10.35	18.92	83.84	86.68	01-Apr-14 19:00:00	0.23	10.35	18.92	83.84	162.51
01-Apr-14 20:00:00	01-Apr-14 21:00:00	0.00	0.29	0.00	0.00	4.11	2.1	329.7	0.00	0.10	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	01-Apr-14 20:00:00	0.23	10.45	18.92	83.84	88.04
01-Apr-14 21:00:00	01-Apr-14 22:00:00	0.00	6.68	0.00	2.68	4.43	2.1	329.7	0.00	2.20	0.00	0.88	1.46	0.23	10.35	18.92	83.84	86.68	01-Apr-14 21:00:00	0.23	12.55	18.92	84.72	88.14
01-Apr-14 22:00:00	01-Apr-14 23:00:00	0.00	5.46	0.00	942.15	4.75	2.1	329.7	0.00	1.80	0.00	310.63	1.57	0.23	10.35	18.92	83.84	86.68	01-Apr-14 22:00:00	0.23	12.15	18.92	394.47	88.25
01-Apr-14 23:00:00	02-Apr-14 00:00:00	0.00	1.87	0.00	233.12	5.08	2.1	329.7	0.00	0.62	0.00	76.86	1.67	0.23	10.35	18.92	83.84	86.68	01-Apr-14 23:00:00	0.23	10.97	18.92	160.70	88.35
02-Apr-14 00:00:00	02-Apr-14 01:00:00	0.00	1.78	0.00	0.00	5.35	2.1	329.7	0.00	0.59	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	02-Apr-14 00:00:00	0.23	10.94	18.92	83.84	88.44
02-Apr-14 01:00:00	02-Apr-14 02:00:00	0.00	3.73	0.00	0.00	5.53	2.1	329.7	0.00	1.23	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	02-Apr-14 01:00:00	0.23	11.58	18.92	83.84	88.50
02-Apr-14 02:00:00	02-Apr-14 03:00:00	0.00	1.48	0.00	0.00	5.71	2.1	329.7	0.00	0.49	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	02-Apr-14 02:00:00	0.23	10.84	18.92	83.84	88.56
02-Apr-14 03:00:00	02-Apr-14 04:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	02-Apr-14 03:00:00	0.23	10.35	18.92	83.84	88.62
02-Apr-14 04:00:00	02-Apr-14 05:00:00	0.00	3.58	0.00	0.00	6.09	2.1	329.7	0.00	1.18	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	02-Apr-14 04:00:00	0.23	11.53	18.92	83.84	88.69
02-Apr-14 05:00:00	02-Apr-14 06:00:00	0.00	0.30	0.00	0.00	6.15	2.1	329.7	0.00	0.10	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	02-Apr-14 05:00:00	0.23	10.45	18.92	83.84	88.71
02-Apr-14 06:00:00	02-Apr-14 07:00:00	0.00	1.07	0.00	0.00	6.20	2.1	329.7	0.00	0.35	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	02-Apr-14 06:00:00	0.23	10.70	18.92	83.84	88.72
02-Apr-14 07:00:00	02-Apr-14 08:00:00	0.00	3.65	0.00	0.00	6.26	2.1	329.7	0.00	1.20	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	02-Apr-14 07:00:00	0.23	11.55	18.92	83.84	88.74
02-Apr-14 08:00:00	02-Apr-14 09:00:00	0.00	3.36	0.00	0.00	6.23	2.1	329.7	0.00	1.11	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	02-Apr-14 08:00:00	0.23	11.46	18.92	83.84	88.73
02-Apr-14 09:00:00	02-Apr-14 10:00:00	0.00	1.90	0.00	0.00	5.91	2.1	329.7	0.00	0.63	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	02-Apr-14 09:00:00	0.23	10.98	18.92	83.84	88.63
02-Apr-14 10:00:00	02-Apr-14 11:00:00	0.00	0.66	0.00	0.00	5.59	2.1	329.7	0.00	0.22	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	02-Apr-14 10:00:00	0.23	10.57	18.92	83.84	88.52
02-Apr-14 11:00:00	02-Apr-14 12:00:00	0.00	1.25	0.00	0.00	5.27	2.1	329.7	0.00	0.41	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	02-Apr-14 11:00:00	0.23	10.76	18.92	83.84	88.42
02-Apr-14 12:00:00	02-Apr-14 13:00:00	0.00	6.95	0.00	0.00	4.87	2.1	329.7	0.00	2.29	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	02-Apr-14 12:00:00	0.23	12.64	18.92	83.84	88.29
02-Apr-14 13:00:00	02-Apr-14 14:00:00	0.00	14.78	0.00	0.00	4.67	2.1	329.7	0.00	4.87	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	02-Apr-14 13:00:00	0.23	15.22	18.92	83.84	88.22
02-Apr-14 14:00:00	02-Apr-14 15:00:00	0.00	20.67	0.00	0.00	4.47	2.1	329.7	0.00	6.82	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	02-Apr-14 14:00:00	0.23	17.17	18.92	83.84	88.16
02-Apr-14 15:00:00	02-Apr-14 16:00:00	0.00	8.91	0.00	0.00	4.28	2.1	329.7	0.00	2.94	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	02-Apr-14 15:00:00	0.23	13.29	18.92	83.84	88.09
02-Apr-14 16:00:00	02-Apr-14 17:00:00	0.00	0.33	0.00	0.00	4.39	2.1	329.7	0.00	0.11	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	02-Apr-14 16:00:00	0.23	10.46	18.92	83.84	88.13
02-Apr-14 17:00:00	02-Apr-14 18:00:00	0.00	0.00	0.00	0.00	4.34	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	02-Apr-14 17:00:00	0.23	10.35	18.92	83.84	88.11
02-Apr-14 18:00:00	02-Apr-14 19:00:00	0.00	0.42	0.00	0.00	4.29	2.1	329.7	0.00	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	02-Apr-14 18:00:00	0.23	10.48	18.92	83.84	88.08
02-Apr-14 19:00:00	02-Apr-14 20:00:00	0.00	0.00	0.00	0.00	4.22	2.1	329.7	0.00	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	02-Apr-14 19:00:00	0.23	10.35	18.92	83.84	88.07
02-Apr-14 20:00:00	02-Apr-14 21:00:00	0.00	0.07	0.00	0.00	4.42	2.1	329.7	0.00	0.02	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	02-Apr-14 20:00:00	0.23	10.37	18.92	83.84	88.14
02-Apr-14 21:00:00	02-Apr-14 22:00:00	0.00	2.97	0.00	0.00	4.65	2.1	329.7	0.00	0.98	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	02-Apr-14 21:00:00	0.23	11.33	18.92	83.84	88.21
02-Apr-14 22:00:00	02-Apr-14 23:00:00	0.00	5.87	0.00	0.00	4.87	2.1	329.7	0.00	1.94	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	02-Apr-14 22:00:00	0.23	12.29	18.92	83.84	88.29
02-Apr-14 23:00:00	03-Apr-14 00:00:00	0.00	5.56	0.00	0.00	5.09	2.1	329.7	0.00	1.83	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	02-Apr-14 23:00:00	0.23	12.18	18.92	83.84	88.36
03-Apr-14 00:00:00	03-Apr-14 01:00:00	0.00	1.61	0.00	0.00	5.27	2.1	329.7	0.00	0.53	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	03-Apr-14 00:00:00	0.23	10.88	18.92	83.84	88.42
03-Apr-14 01:00:00	03-Apr-14 02:00:00	0.00	1.61	0.00	0.00	5.42	2.1	329.7	0.00	0.53	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	03-Apr-14 01:00:00	0.23	10.88	18.92	83.84	88.47
03-Apr-14 02:00:00	03-Apr-14 03:00:00	0.00	11.00	0.00	0.00	5.56	2.1	329.7	0.00	3.63	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	03-Apr-14 02:00:00	0.23	13.98	18.92	83.84	88.51
03-Apr-14 03:00:00	03-Apr-14 04:00:00	0.00	2.37	0.00	0.00	5.70	2.1	329.7	0.00	0.78	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	03-Apr-14 03:00:00	0.23	11.13	18.92	83.84	88.56
03-Apr-14 04:00:00	03-Apr-14 05:00:00	0.00	6.55	0.00	0.00	5.95	2.1	329.7	0.00	2.16	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	03-Apr-14 04:00:00	0.23	12.51	18.92	83.84	88.64
03-Apr-14 05:00:00	03-Apr-14 06:00:00	0.00	3.36	0.00	0.00	5.92	2.1	329.7	0.00	1.11	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	03-Apr-14 05:00:00	0.23	11.46	18.92	83.84	88.63
03-Apr-14 06:00:00	03-Apr-14 07:00:00	0.00	5.27	0.00	0.00	5.90	2.1	329.7	0.00	1.74	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	03-Apr-14 06:00:00	0.23	12.09	18.92	83.84	88.62
03-Apr-14 07:00:00	03-Apr-14 08:00:00	0.00	3.28	0.00	0.00	5.87	2.1	329.7	0.00	1.08	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	03-Apr-14 07:00:00	0.23	11.43	18.92	83.84	88.62
03-Apr-14 08:00																								

05-Apr-14 06:00:00	05-Apr-14 07:00:00	0.00	13.21	0.00	0.00	6.47	2.1	329.7	0.00	4.36	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	05-Apr-14 06:00:00	0.23	14.71	18.92	83.84	88.81
05-Apr-14 07:00:00	05-Apr-14 08:00:00	0.00	5.50	0.00	0.00	6.63	2.1	329.7	0.00	1.81	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	05-Apr-14 07:00:00	0.23	12.16	18.92	83.84	88.87
05-Apr-14 08:00:00	05-Apr-14 09:00:00	0.00	1.58	0.00	0.00	6.68	2.1	329.7	0.00	0.52	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	05-Apr-14 08:00:00	0.23	10.87	18.92	83.84	88.88
05-Apr-14 09:00:00	05-Apr-14 10:00:00	0.00	1.08	0.00	0.00	6.31	2.1	329.7	0.00	0.36	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	05-Apr-14 09:00:00	0.23	10.71	18.92	83.84	88.76
05-Apr-14 10:00:00	05-Apr-14 11:00:00	0.00	2.03	0.00	0.00	5.93	2.1	329.7	0.00	0.67	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	05-Apr-14 10:00:00	0.23	11.02	18.92	83.84	88.63
05-Apr-14 11:00:00	05-Apr-14 12:00:00	0.00	0.54	0.00	0.00	5.54	2.1	329.7	0.00	0.18	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	05-Apr-14 11:00:00	0.23	10.53	18.92	83.84	88.51
05-Apr-14 12:00:00	05-Apr-14 13:00:00	0.00	455.95	0.00	0.00	6.05	2.1	329.7	0.00	150.33	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	05-Apr-14 12:00:00	0.23	160.68	18.92	83.84	88.44
05-Apr-14 13:00:00	05-Apr-14 14:00:00	0.00	466.04	0.00	0.00	5.32	2.1	329.7	0.00	153.65	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	05-Apr-14 13:00:00	0.23	164.00	18.92	83.84	88.43
05-Apr-14 14:00:00	05-Apr-14 15:00:00	0.00	3.81	0.00	0.00	5.27	2.1	329.7	0.00	1.25	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	05-Apr-14 14:00:00	0.23	11.60	18.92	83.84	88.42
05-Apr-14 15:00:00	05-Apr-14 16:00:00	0.00	0.19	0.00	0.00	5.23	2.1	329.7	0.00	0.06	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	05-Apr-14 15:00:00	0.23	10.41	18.92	83.84	88.41
05-Apr-14 16:00:00	05-Apr-14 17:00:00	0.00	0.55	0.00	0.00	5.24	2.1	329.7	0.00	0.18	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	05-Apr-14 16:00:00	0.23	10.53	18.92	83.84	88.41
05-Apr-14 17:00:00	05-Apr-14 18:00:00	0.00	0.77	0.00	0.00	5.22	2.1	329.7	0.00	0.25	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	05-Apr-14 17:00:00	0.23	10.60	18.92	83.84	88.40
05-Apr-14 18:00:00	05-Apr-14 19:00:00	0.00	4.60	0.00	0.00	5.21	2.1	329.7	0.00	1.52	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	05-Apr-14 18:00:00	0.23	11.87	18.92	83.84	88.40
05-Apr-14 19:00:00	05-Apr-14 20:00:00	0.00	3.03	0.00	0.00	5.19	2.1	329.7	0.00	1.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	05-Apr-14 19:00:00	0.23	11.35	18.92	83.84	88.39
05-Apr-14 20:00:00	05-Apr-14 21:00:00	0.00	3.60	0.00	0.00	5.23	2.1	329.7	0.00	1.19	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	05-Apr-14 20:00:00	0.23	11.54	18.92	83.84	88.40
05-Apr-14 21:00:00	05-Apr-14 22:00:00	0.00	4.29	0.00	0.00	5.41	2.1	329.7	0.00	1.41	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	05-Apr-14 21:00:00	0.23	11.76	18.92	83.84	88.46
05-Apr-14 22:00:00	05-Apr-14 23:00:00	0.00	3.28	0.00	0.00	5.59	2.1	329.7	0.00	1.08	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	05-Apr-14 22:00:00	0.23	11.43	18.92	83.84	88.52
05-Apr-14 23:00:00	06-Apr-14 00:00:00	0.00	1.98	0.00	0.00	5.77	2.1	329.7	0.00	0.65	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	05-Apr-14 23:00:00	0.23	11.00	18.92	83.84	88.58
06-Apr-14 00:00:00	06-Apr-14 01:00:00	0.00	8.76	0.00	0.00	6.04	2.1	329.7	0.00	2.89	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	06-Apr-14 00:00:00	0.23	13.24	18.92	83.84	88.67
06-Apr-14 01:00:00	06-Apr-14 02:00:00	0.00	3.74	0.00	0.00	6.20	2.1	329.7	0.00	1.23	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	06-Apr-14 01:00:00	0.23	11.58	18.92	83.84	88.72
06-Apr-14 02:00:00	06-Apr-14 03:00:00	0.00	0.81	0.00	0.00	6.33	2.1	329.7	0.00	0.27	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	06-Apr-14 02:00:00	0.23	10.62	18.92	83.84	88.77
06-Apr-14 03:00:00	06-Apr-14 04:00:00	0.00	2.49	0.00	0.00	6.47	2.1	329.7	0.00	0.82	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	06-Apr-14 03:00:00	0.23	11.17	18.92	83.84	88.81
06-Apr-14 04:00:00	06-Apr-14 05:00:00	0.00	2.19	0.00	0.00	6.49	2.1	329.7	0.00	0.72	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	06-Apr-14 04:00:00	0.23	11.07	18.92	83.84	88.82
06-Apr-14 05:00:00	06-Apr-14 06:00:00	0.00	3.54	0.00	0.00	6.59	2.1	329.7	0.00	1.17	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	06-Apr-14 05:00:00	0.23	11.52	18.92	83.84	88.85
06-Apr-14 06:00:00	06-Apr-14 07:00:00	0.00	9.33	0.00	0.00	6.71	2.1	329.7	0.00	3.08	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	06-Apr-14 06:00:00	0.23	13.43	18.92	83.84	88.89
06-Apr-14 07:00:00	06-Apr-14 08:00:00	0.00	9.08	0.00	0.00	6.83	2.1	329.7	0.00	2.99	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	06-Apr-14 07:00:00	0.23	13.34	18.92	83.84	88.93
06-Apr-14 08:00:00	06-Apr-14 09:00:00	0.00	4.92	0.00	0.00	6.90	2.1	329.7	0.00	1.62	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Apr-14 08:00:00	0.23	11.97	18.92	83.84	88.96
06-Apr-14 09:00:00	06-Apr-14 10:00:00	0.00	2.91	0.00	0.00	6.90	2.1	329.7	0.00	0.96	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	06-Apr-14 09:00:00	0.23	11.31	18.92	83.84	88.95
06-Apr-14 10:00:00	06-Apr-14 11:00:00	0.00	1.72	0.00	0.00	111.10	2.1	329.7	0.00	0.57	0.00	0.00	36.63	0.23	10.35	18.92	83.84	86.68	06-Apr-14 10:00:00	0.23	10.92	18.92	83.84	123.31
06-Apr-14 11:00:00	06-Apr-14 12:00:00	0.00	1.73	0.00	0.00	6.81	2.1	329.7	0.00	0.57	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	06-Apr-14 11:00:00	0.23	10.92	18.92	83.84	88.92
06-Apr-14 12:00:00	06-Apr-14 13:00:00	0.00	4.06	0.00	0.00	6.70	2.1	329.7	0.00	1.34	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	06-Apr-14 12:00:00	0.23	11.69	18.92	83.84	88.98
06-Apr-14 13:00:00	06-Apr-14 14:00:00	0.00	6.50	0.00	0.00	6.59	2.1	329.7	0.00	2.14	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	06-Apr-14 13:00:00	0.23	12.50	18.92	83.84	88.99
06-Apr-14 14:00:00	06-Apr-14 15:00:00	0.00	5.63	0.00	0.00	6.47	2.1	329.7	0.00	1.86	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	06-Apr-14 14:00:00	0.23	12.21	18.92	83.84	88.91
06-Apr-14 15:00:00	06-Apr-14 16:00:00	179.11	2.34	0.00	0.00	6.30	2.1	329.7	59.05	0.77	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	06-Apr-14 15:00:00	59.28	11.12	18.92	83.84	88.76
06-Apr-14 16:00:00	06-Apr-14 17:00:00	235.48	12.07	0.00	0.00	6.13	2.1	329.7	77.64	3.98	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	06-Apr-14 16:00:00	77.87	14.33	18.92	83.84	88.70
06-Apr-14 17:00:00	06-Apr-14 18:00:00	245.56	3.70	0.00	0.00	7.07	2.1	329.7	80.96	1.22	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	06-Apr-14 17:00:00	81.19	11.57	18.92	83.84	89.01
06-Apr-14 18:00:00	06-Apr-14 19:00:00	245.90	0.89	0.00	0.00	6.11	2.1	329.7	81.07	0.29	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	06-Apr-14 18:00:00	81.30	10.64	18.92	83.84	88.69
06-Apr-14 19:00:00	06-Apr-14 20:00:00	246.51	0.00	0.00	0.00	6.28	2.1	329.7	81.27	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	06-Apr-14 19:00:00	81.50	10.35	18.92	83.84	88.75
06-Apr-14 20:00:00	06-Apr-14 21:00:00	344.44	0.00	0.00	0.00	6.44	2.1	329.7	113.56	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	06-Apr-14 20:00:00	113.79	10.35	18.92	83.84	88.80
06-Apr-14 21:00:00	06-Apr-14 22:00:00	869.22	0.00	0.00	0.00	6.58	2.1	329.7	286.58	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	06-Apr-14 21:00:00	286.81	10.35	18.92	83.84	88.85
06-Apr-14 22:00:00	06-Apr-14 23:00:00	769.91	0.00	0.00	0.00	6.49	2.1	329.7	253.84	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	06-Apr-14 22:00:00	25				

09-Apr-14 01:00:00	09-Apr-14 02:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Apr-14 01:00:00	0.23	10.35	18.92	83.84	88.58
09-Apr-14 02:00:00	09-Apr-14 03:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	09-Apr-14 02:00:00	0.23	10.35	18.92	83.84	88.65
09-Apr-14 03:00:00	09-Apr-14 04:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	09-Apr-14 03:00:00	0.23	10.35	18.92	83.84	88.70
09-Apr-14 04:00:00	09-Apr-14 05:00:00	0.00	0.00	0.00	0.00	6.20	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	09-Apr-14 04:00:00	0.23	10.35	18.92	83.84	88.72
09-Apr-14 05:00:00	09-Apr-14 06:00:00	0.00	2.46	0.00	0.00	6.27	2.1	329.7	0.00	0.81	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	09-Apr-14 05:00:00	0.23	11.16	18.92	83.84	88.75
09-Apr-14 06:00:00	09-Apr-14 07:00:00	0.00	2.03	0.00	0.00	6.37	2.1	329.7	0.00	0.67	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	09-Apr-14 06:00:00	0.23	11.02	18.92	83.84	88.78
09-Apr-14 07:00:00	09-Apr-14 08:00:00	0.00	4.33	0.00	0.00	6.43	2.1	329.7	0.00	1.62	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	09-Apr-14 07:00:00	0.23	11.97	18.92	83.84	88.87
09-Apr-14 08:00:00	09-Apr-14 09:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	09-Apr-14 08:00:00	0.23	10.35	18.92	83.84	88.69
09-Apr-14 09:00:00	09-Apr-14 10:00:00	0.00	0.39	0.00	0.00	5.85	2.1	329.7	0.00	0.13	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	09-Apr-14 09:00:00	0.23	10.48	18.92	83.84	88.61
09-Apr-14 10:00:00	09-Apr-14 11:00:00	0.00	0.78	0.00	0.00	5.57	2.1	329.7	0.00	0.26	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	09-Apr-14 10:00:00	0.23	10.61	18.92	83.84	88.52
09-Apr-14 11:00:00	09-Apr-14 12:00:00	0.00	0.76	0.00	0.00	5.34	2.1	329.7	0.00	0.25	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	09-Apr-14 11:00:00	0.23	10.60	18.92	83.84	88.44
09-Apr-14 12:00:00	09-Apr-14 13:00:00	0.00	0.06	0.00	0.00	5.30	2.1	329.7	0.00	0.02	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	09-Apr-14 12:00:00	0.23	10.37	18.92	83.84	88.43
09-Apr-14 13:00:00	09-Apr-14 14:00:00	0.00	0.68	0.00	0.00	5.26	2.1	329.7	0.00	0.23	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	09-Apr-14 13:00:00	0.23	10.58	18.92	83.84	88.41
09-Apr-14 14:00:00	09-Apr-14 15:00:00	0.00	0.10	0.00	0.00	5.22	2.1	329.7	0.00	0.03	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	09-Apr-14 14:00:00	0.23	10.38	18.92	83.84	88.40
09-Apr-14 15:00:00	09-Apr-14 16:00:00	0.00	169.87	0.00	0.00	5.23	2.1	329.7	0.00	56.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	09-Apr-14 15:00:00	0.23	66.35	18.92	83.84	88.40
09-Apr-14 16:00:00	09-Apr-14 17:00:00	0.00	947.56	0.00	0.00	5.26	2.1	329.7	0.00	312.41	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	09-Apr-14 16:00:00	0.23	322.76	18.92	83.84	88.41
09-Apr-14 17:00:00	09-Apr-14 18:00:00	0.00	189.35	0.00	0.00	5.28	2.1	329.7	0.00	62.43	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	09-Apr-14 17:00:00	0.23	72.78	18.92	83.84	88.42
09-Apr-14 18:00:00	09-Apr-14 19:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	09-Apr-14 18:00:00	0.23	10.35	18.92	83.84	88.43
09-Apr-14 19:00:00	09-Apr-14 20:00:00	0.00	0.00	0.00	0.00	5.41	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	09-Apr-14 19:00:00	0.23	10.35	18.92	83.84	88.47
09-Apr-14 20:00:00	09-Apr-14 21:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	09-Apr-14 20:00:00	0.23	10.35	18.92	83.84	88.52
09-Apr-14 21:00:00	09-Apr-14 22:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Apr-14 21:00:00	0.23	10.35	18.92	83.84	88.58
09-Apr-14 22:00:00	09-Apr-14 23:00:00	0.00	0.15	0.00	0.00	5.92	2.1	329.7	0.00	0.05	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	09-Apr-14 22:00:00	0.23	10.40	18.92	83.84	88.63
09-Apr-14 23:00:00	10-Apr-14 00:00:00	0.00	4.06	0.00	0.00	6.03	2.1	329.7	0.00	1.34	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	09-Apr-14 23:00:00	0.23	11.69	18.92	83.84	88.67
10-Apr-14 00:00:00	10-Apr-14 01:00:00	0.00	1.30	0.00	0.00	6.27	2.1	329.7	0.00	0.43	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	10-Apr-14 00:00:00	0.23	10.78	18.92	83.84	88.75
10-Apr-14 01:00:00	10-Apr-14 02:00:00	0.00	16.62	0.00	0.00	6.52	2.1	329.7	0.00	5.48	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	10-Apr-14 01:00:00	0.23	15.83	18.92	83.84	88.83
10-Apr-14 02:00:00	10-Apr-14 03:00:00	0.00	5.80	0.00	0.00	6.76	2.1	329.7	0.00	1.91	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	10-Apr-14 02:00:00	0.23	12.26	18.92	83.84	88.91
10-Apr-14 03:00:00	10-Apr-14 04:00:00	0.00	1.57	0.00	0.00	6.88	2.1	329.7	0.00	0.52	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	10-Apr-14 03:00:00	0.23	10.87	18.92	83.84	88.95
10-Apr-14 04:00:00	10-Apr-14 05:00:00	0.00	1.02	0.00	0.00	6.93	2.1	329.7	0.00	0.34	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	10-Apr-14 04:00:00	0.23	10.69	18.92	83.84	88.96
10-Apr-14 05:00:00	10-Apr-14 06:00:00	0.00	0.48	0.00	0.00	6.98	2.1	329.7	0.00	0.16	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	10-Apr-14 05:00:00	0.23	10.51	18.92	83.84	88.98
10-Apr-14 06:00:00	10-Apr-14 07:00:00	0.00	0.04	0.00	0.00	7.02	2.1	329.7	0.00	0.01	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	10-Apr-14 06:00:00	0.23	10.36	18.92	83.84	89.00
10-Apr-14 07:00:00	10-Apr-14 08:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	10-Apr-14 07:00:00	0.23	10.35	18.92	83.84	88.93
10-Apr-14 08:00:00	10-Apr-14 09:00:00	0.00	0.00	0.00	0.00	6.46	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	10-Apr-14 08:00:00	0.23	10.35	18.92	83.84	88.94
10-Apr-14 09:00:00	10-Apr-14 10:00:00	0.00	0.00	0.00	0.00	6.41	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	10-Apr-14 09:00:00	0.23	10.35	18.92	83.84	88.70
10-Apr-14 10:00:00	10-Apr-14 11:00:00	0.00	3.82	0.00	0.00	5.78	2.1	329.7	0.00	1.26	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	10-Apr-14 10:00:00	0.23	11.61	18.92	83.84	88.59
10-Apr-14 11:00:00	10-Apr-14 12:00:00	0.00	6.05	0.00	0.00	5.55	2.1	329.7	0.00	1.99	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	10-Apr-14 11:00:00	0.23	12.34	18.92	83.84	88.51
10-Apr-14 12:00:00	10-Apr-14 13:00:00	0.00	4.25	0.00	0.00	5.32	2.1	329.7	0.00	1.40	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	10-Apr-14 12:00:00	0.23	11.75	18.92	83.84	88.43
10-Apr-14 13:00:00	10-Apr-14 14:00:00	0.00	3.62	0.00	0.00	5.08	2.1	329.7	0.00	1.19	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	10-Apr-14 13:00:00	0.23	11.54	18.92	83.84	88.35
10-Apr-14 14:00:00	10-Apr-14 15:00:00	0.00	3.77	0.00	0.00	4.83	2.1	329.7	0.00	1.24	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	10-Apr-14 14:00:00	0.23	11.59	18.92	83.84	88.27
10-Apr-14 15:00:00	10-Apr-14 16:00:00	0.00	7.56	0.00	0.00	4.64	2.1	329.7	0.00	2.49	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	10-Apr-14 15:00:00	0.23	12.84	18.92	83.84	88.21
10-Apr-14 16:00:00	10-Apr-14 17:00:00	0.00	2.60	0.00	0.00	4.62	2.1	329.7	0.00	0.86	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	10-Apr-14 16:00:00	0.23	11.21	18.92	83.84	88.20
10-Apr-14 17:00:00	10-Apr-14 18:00:00	0.00	1.65	0.00	0.00	4.61	2.1	329.7	0.00	0.55	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	10-Apr-14 17:00:00	0.23	10.90	18.92	83.84	

12-Apr-14 20:00:00	12-Apr-14 21:00:00	0.00	0.00	0.00	0.00	331.20	2.1	329.7	0.00	0.00	0.00	0.00	109.20	0.23	10.35	18.92	83.84	86.68	12-Apr-14 20:00:00	0.23	10.35	18.92	83.84	195.88
12-Apr-14 21:00:00	12-Apr-14 22:00:00	0.00	0.00	0.00	0.00	332.85	2.1	329.7	0.00	0.00	0.00	0.00	109.74	0.23	10.35	18.92	83.84	86.68	12-Apr-14 21:00:00	0.23	10.35	18.92	83.84	196.42
12-Apr-14 22:00:00	12-Apr-14 23:00:00	0.00	0.00	0.00	0.00	333.38	2.1	329.7	0.00	0.00	0.00	0.00	109.92	0.23	10.35	18.92	83.84	86.68	12-Apr-14 22:00:00	0.23	10.35	18.92	83.84	196.60
12-Apr-14 23:00:00	13-Apr-14 00:00:00	0.00	0.05	0.00	0.00	333.86	2.1	329.7	0.00	0.02	0.00	0.00	110.07	0.23	10.35	18.92	83.84	86.68	12-Apr-14 23:00:00	0.23	10.37	18.92	83.84	196.75
13-Apr-14 00:00:00	13-Apr-14 01:00:00	0.00	11.67	0.00	0.00	334.33	2.1	329.7	0.00	3.85	0.00	0.00	110.23	0.23	10.35	18.92	83.84	86.68	13-Apr-14 00:00:00	0.23	14.20	18.92	83.84	196.91
13-Apr-14 01:00:00	13-Apr-14 02:00:00	0.00	15.92	0.00	0.00	333.51	2.1	329.7	0.00	5.25	0.00	0.00	109.96	0.23	10.35	18.92	83.84	86.68	13-Apr-14 01:00:00	0.23	15.60	18.92	83.84	196.64
13-Apr-14 02:00:00	13-Apr-14 03:00:00	0.00	7.35	0.00	0.00	333.85	2.1	329.7	0.00	2.42	0.00	0.00	109.87	0.23	10.35	18.92	83.84	86.68	13-Apr-14 02:00:00	0.23	12.77	18.92	83.84	196.55
13-Apr-14 03:00:00	13-Apr-14 04:00:00	0.00	4.13	0.00	0.00	333.03	2.1	329.7	0.00	1.36	0.00	0.00	109.80	0.23	10.35	18.92	83.84	86.68	13-Apr-14 03:00:00	0.23	11.71	18.92	83.84	196.48
13-Apr-14 04:00:00	13-Apr-14 05:00:00	0.00	14.01	0.00	0.00	332.81	2.1	329.7	0.00	4.62	0.00	0.00	109.73	0.23	10.35	18.92	83.84	86.68	13-Apr-14 04:00:00	0.23	14.97	18.92	83.84	196.41
13-Apr-14 05:00:00	13-Apr-14 06:00:00	0.00	12.67	0.00	0.00	333.88	2.1	329.7	0.00	4.18	0.00	0.00	110.08	0.23	10.35	18.92	83.84	86.68	13-Apr-14 05:00:00	0.23	14.53	18.92	83.84	196.76
13-Apr-14 06:00:00	13-Apr-14 07:00:00	0.00	1.19	0.00	0.00	336.40	2.1	329.7	0.00	0.39	0.00	0.00	110.91	0.23	10.35	18.92	83.84	86.68	13-Apr-14 06:00:00	0.23	10.74	18.92	83.84	197.59
13-Apr-14 07:00:00	13-Apr-14 08:00:00	0.00	12.67	0.00	0.00	336.86	2.1	329.7	0.00	4.18	0.00	0.00	111.06	0.23	10.35	18.92	83.84	86.68	13-Apr-14 07:00:00	0.23	14.53	18.92	83.84	197.74
13-Apr-14 08:00:00	13-Apr-14 09:00:00	0.00	6.90	0.00	0.00	336.41	2.1	329.7	0.00	2.27	0.00	0.00	110.92	0.23	10.35	18.92	83.84	86.68	13-Apr-14 08:00:00	0.23	12.62	18.92	83.84	197.60
13-Apr-14 09:00:00	13-Apr-14 10:00:00	0.00	5.52	0.00	0.00	335.96	2.1	329.7	0.00	1.82	0.00	0.00	110.77	0.23	10.35	18.92	83.84	86.68	13-Apr-14 09:00:00	0.23	12.17	18.92	83.84	197.45
13-Apr-14 10:00:00	13-Apr-14 11:00:00	0.00	2.78	0.00	0.00	335.74	2.1	329.7	0.00	0.92	0.00	0.00	110.69	0.23	10.35	18.92	83.84	86.68	13-Apr-14 10:00:00	0.23	11.27	18.92	83.84	197.37
13-Apr-14 11:00:00	13-Apr-14 12:00:00	0.00	3.32	0.00	0.00	335.13	2.1	329.7	0.00	1.09	0.00	0.00	110.49	0.23	10.35	18.92	83.84	86.68	13-Apr-14 11:00:00	0.23	11.44	18.92	83.84	197.17
13-Apr-14 12:00:00	13-Apr-14 13:00:00	0.00	0.44	0.00	0.00	334.27	2.1	329.7	0.00	0.15	0.00	0.00	110.21	0.23	10.35	18.92	83.84	86.68	13-Apr-14 12:00:00	0.23	10.50	18.92	83.84	196.89
13-Apr-14 13:00:00	13-Apr-14 14:00:00	0.00	2.74	0.00	0.00	333.42	2.1	329.7	0.00	0.90	0.00	0.00	109.93	0.23	10.35	18.92	83.84	86.68	13-Apr-14 13:00:00	0.23	11.25	18.92	83.84	196.61
13-Apr-14 14:00:00	13-Apr-14 15:00:00	0.00	0.00	0.00	4.10	332.84	2.1	329.7	0.00	0.00	0.00	1.35	109.74	0.23	10.35	18.92	83.84	86.68	13-Apr-14 14:00:00	0.23	10.35	18.92	85.19	196.42
13-Apr-14 15:00:00	13-Apr-14 16:00:00	0.00	0.00	0.00	0.00	333.59	2.1	329.7	0.00	0.00	0.00	0.00	109.99	0.23	10.35	18.92	83.84	86.68	13-Apr-14 15:00:00	0.23	10.35	18.92	83.84	196.67
13-Apr-14 16:00:00	13-Apr-14 17:00:00	0.00	0.00	0.00	0.00	200.53	2.1	329.7	0.00	0.00	0.00	0.00	66.12	0.23	10.35	18.92	83.84	86.68	13-Apr-14 16:00:00	0.23	10.35	18.92	83.84	152.80
13-Apr-14 17:00:00	13-Apr-14 18:00:00	0.00	0.00	0.00	0.00	4.35	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	13-Apr-14 17:00:00	0.23	10.35	18.92	83.84	88.11
13-Apr-14 18:00:00	13-Apr-14 19:00:00	0.00	0.00	0.00	0.00	4.55	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	13-Apr-14 18:00:00	0.23	10.35	18.92	83.84	88.18
13-Apr-14 19:00:00	13-Apr-14 20:00:00	0.00	0.00	0.00	0.00	4.75	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	13-Apr-14 19:00:00	0.23	10.35	18.92	83.84	88.25
13-Apr-14 20:00:00	13-Apr-14 21:00:00	0.00	0.00	0.00	0.00	4.97	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	13-Apr-14 20:00:00	0.23	10.35	18.92	83.84	88.32
13-Apr-14 21:00:00	13-Apr-14 22:00:00	0.00	0.00	0.00	0.00	5.16	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	13-Apr-14 21:00:00	0.23	10.35	18.92	83.84	88.38
13-Apr-14 22:00:00	13-Apr-14 23:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	13-Apr-14 22:00:00	0.23	10.35	18.92	83.84	88.43
13-Apr-14 23:00:00	14-Apr-14 00:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	13-Apr-14 23:00:00	0.23	10.35	18.92	83.84	88.47
14-Apr-14 00:00:00	14-Apr-14 01:00:00	0.00	0.97	0.00	0.00	5.54	2.1	329.7	0.00	0.32	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	14-Apr-14 00:00:00	0.23	10.67	18.92	83.84	88.51
14-Apr-14 01:00:00	14-Apr-14 02:00:00	0.00	7.01	0.00	0.00	5.58	2.1	329.7	0.00	2.31	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	14-Apr-14 01:00:00	0.23	12.66	18.92	83.84	88.52
14-Apr-14 02:00:00	14-Apr-14 03:00:00	0.00	0.72	0.00	2.44	5.64	2.1	329.7	0.00	0.24	0.00	0.80	1.85	0.23	10.35	18.92	83.84	86.68	14-Apr-14 02:00:00	0.23	10.59	18.92	84.64	88.54
14-Apr-14 03:00:00	14-Apr-14 04:00:00	0.00	5.54	0.00	0.00	5.70	2.1	329.7	0.00	1.83	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	14-Apr-14 03:00:00	0.23	11.06	18.92	83.84	88.55
14-Apr-14 04:00:00	14-Apr-14 05:00:00	0.00	2.15	0.00	0.00	5.77	2.1	329.7	0.00	0.71	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	14-Apr-14 04:00:00	0.23	11.06	18.92	83.84	88.58
14-Apr-14 05:00:00	14-Apr-14 06:00:00	0.00	0.60	0.00	0.00	5.76	2.1	329.7	0.00	0.20	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	14-Apr-14 05:00:00	0.23	10.55	18.92	83.84	88.58
14-Apr-14 06:00:00	14-Apr-14 07:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	14-Apr-14 06:00:00	0.23	10.35	18.92	83.84	88.55
14-Apr-14 07:00:00	14-Apr-14 08:00:00	0.00	0.00	0.00	0.00	5.62	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	14-Apr-14 07:00:00	0.23	10.35	18.92	83.84	88.53
14-Apr-14 08:00:00	14-Apr-14 09:00:00	0.00	0.00	0.00	0.00	5.49	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	14-Apr-14 08:00:00	0.23	10.35	18.92	83.84	88.49
14-Apr-14 09:00:00	14-Apr-14 10:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	14-Apr-14 09:00:00	0.23	10.35	18.92	83.84	88.43
14-Apr-14 10:00:00	14-Apr-14 11:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	14-Apr-14 10:00:00	0.23	10.35	18.92	83.84	88.40
14-Apr-14 11:00:00	14-Apr-14 12:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	14-Apr-14 11:00:00	0.23	10.35	18.92	83.84	88.37
14-Apr-14 12:00:00	14-Apr-14 13:00:00	0.00	2.19	0.00	0.00	5.03	2.1	329.7	0.00	0.72	0.00	0.00	1.66	0.23	10.35									

16-Apr-14 15:00:00	16-Apr-14 16:00:00	0.00	0.65	0.00	0.00	6.23	2.1	329.7	0.00	0.21	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	16-Apr-14 15:00:00	0.23	10.56	18.92	83.84	88.73
16-Apr-14 16:00:00	16-Apr-14 17:00:00	0.00	0.21	0.00	0.00	6.14	2.1	329.7	0.00	0.07	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	16-Apr-14 16:00:00	0.23	10.42	18.92	83.84	88.70
16-Apr-14 17:00:00	16-Apr-14 18:00:00	0.00	14.49	0.00	0.00	6.01	2.1	329.7	0.00	4.78	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	16-Apr-14 17:00:00	0.23	15.13	18.92	83.84	88.66
16-Apr-14 18:00:00	16-Apr-14 19:00:00	0.00	8.78	0.00	0.00	5.88	2.1	329.7	0.00	2.90	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	16-Apr-14 18:00:00	0.23	13.25	18.92	83.84	88.62
16-Apr-14 19:00:00	16-Apr-14 20:00:00	0.00	2.88	0.00	0.00	5.94	2.1	329.7	0.00	0.95	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	16-Apr-14 19:00:00	0.23	11.30	18.92	83.84	88.64
16-Apr-14 20:00:00	16-Apr-14 21:00:00	0.00	3.22	0.00	0.00	6.15	2.1	329.7	0.00	1.06	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	16-Apr-14 20:00:00	0.23	11.41	18.92	83.84	88.71
16-Apr-14 21:00:00	16-Apr-14 22:00:00	0.00	3.56	0.00	0.00	6.29	2.1	329.7	0.00	1.17	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	16-Apr-14 21:00:00	0.23	11.53	18.92	83.84	88.77
16-Apr-14 22:00:00	16-Apr-14 23:00:00	0.00	5.00	0.00	0.00	6.51	2.1	329.7	0.00	1.65	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	16-Apr-14 22:00:00	0.23	12.00	18.92	83.84	88.82
16-Apr-14 23:00:00	17-Apr-14 00:00:00	0.00	7.31	0.00	0.00	6.72	2.1	329.7	0.00	2.41	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	16-Apr-14 23:00:00	0.23	12.76	18.92	83.84	88.89
17-Apr-14 00:00:00	17-Apr-14 01:00:00	0.00	8.66	0.00	0.00	6.82	2.1	329.7	0.00	2.85	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	17-Apr-14 00:00:00	0.23	13.20	18.92	83.84	88.93
17-Apr-14 01:00:00	17-Apr-14 02:00:00	0.13	0.72	0.00	0.00	6.89	2.1	329.7	0.04	0.24	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	17-Apr-14 01:00:00	0.27	10.59	18.92	83.84	88.95
17-Apr-14 02:00:00	17-Apr-14 03:00:00	0.00	0.49	0.00	0.00	6.97	2.1	329.7	0.00	0.16	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	17-Apr-14 02:00:00	0.23	10.51	18.92	83.84	88.98
17-Apr-14 03:00:00	17-Apr-14 04:00:00	0.00	0.26	0.00	0.00	6.98	2.1	329.7	0.00	0.09	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	17-Apr-14 03:00:00	0.23	10.44	18.92	83.84	88.98
17-Apr-14 04:00:00	17-Apr-14 05:00:00	0.00	0.74	0.00	0.00	7.08	2.1	329.7	0.00	0.24	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	17-Apr-14 04:00:00	0.23	10.59	18.92	83.84	89.02
17-Apr-14 05:00:00	17-Apr-14 06:00:00	0.00	12.73	0.00	0.00	7.23	2.1	329.7	0.00	4.20	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	17-Apr-14 05:00:00	0.23	14.55	18.92	83.84	89.06
17-Apr-14 06:00:00	17-Apr-14 07:00:00	0.00	0.98	0.00	0.00	7.37	2.1	329.7	0.00	0.32	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	17-Apr-14 06:00:00	0.23	10.67	18.92	83.84	89.11
17-Apr-14 07:00:00	17-Apr-14 08:00:00	0.00	2.70	0.00	0.00	7.44	2.1	329.7	0.00	0.89	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	17-Apr-14 07:00:00	0.23	11.24	18.92	83.84	89.13
17-Apr-14 08:00:00	17-Apr-14 09:00:00	0.00	3.66	0.00	0.00	7.36	2.1	329.7	0.00	1.21	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	17-Apr-14 08:00:00	0.23	11.56	18.92	83.84	89.11
17-Apr-14 09:00:00	17-Apr-14 10:00:00	0.00	3.02	0.00	0.00	7.27	2.1	329.7	0.00	1.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	17-Apr-14 09:00:00	0.23	11.35	18.92	83.84	89.08
17-Apr-14 10:00:00	17-Apr-14 11:00:00	0.00	1.46	0.00	0.00	7.19	2.1	329.7	0.00	0.48	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	17-Apr-14 10:00:00	0.23	10.83	18.92	83.84	89.05
17-Apr-14 11:00:00	17-Apr-14 12:00:00	0.00	0.29	0.00	0.00	6.97	2.1	329.7	0.00	0.10	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	17-Apr-14 11:00:00	0.23	10.45	18.92	83.84	88.98
17-Apr-14 12:00:00	17-Apr-14 13:00:00	0.00	0.93	0.00	0.00	6.73	2.1	329.7	0.00	0.31	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	17-Apr-14 12:00:00	0.23	10.66	18.92	83.84	88.90
17-Apr-14 13:00:00	17-Apr-14 14:00:00	0.00	1.56	0.00	0.00	6.52	2.1	329.7	0.00	0.51	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	17-Apr-14 13:00:00	0.23	10.86	18.92	83.84	88.83
17-Apr-14 14:00:00	17-Apr-14 15:00:00	0.00	12.78	0.00	0.00	6.31	2.1	329.7	0.00	4.22	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	17-Apr-14 14:00:00	0.23	14.57	18.92	83.84	88.76
17-Apr-14 15:00:00	17-Apr-14 16:00:00	0.00	7.60	0.00	0.00	6.10	2.1	329.7	0.00	2.51	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	17-Apr-14 15:00:00	0.23	12.86	18.92	83.84	88.69
17-Apr-14 16:00:00	17-Apr-14 17:00:00	0.00	10.91	0.00	0.00	5.91	2.1	329.7	0.00	3.60	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	17-Apr-14 16:00:00	0.23	13.95	18.92	83.84	88.63
17-Apr-14 17:00:00	17-Apr-14 18:00:00	0.00	15.77	0.00	0.00	5.71	2.1	329.7	0.00	5.20	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	17-Apr-14 17:00:00	0.23	15.55	18.92	83.84	88.56
17-Apr-14 18:00:00	17-Apr-14 19:00:00	0.00	4.30	0.00	0.00	5.51	2.1	329.7	0.00	1.42	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	17-Apr-14 18:00:00	0.23	11.77	18.92	83.84	88.50
17-Apr-14 19:00:00	17-Apr-14 20:00:00	0.00	0.39	0.00	0.00	17.47	2.1	329.7	0.00	0.13	0.00	0.00	5.76	0.23	10.35	18.92	83.84	86.68	17-Apr-14 19:00:00	0.23	10.48	18.92	83.84	92.44
17-Apr-14 20:00:00	17-Apr-14 21:00:00	0.00	0.95	0.00	0.00	5.76	2.1	329.7	0.00	0.31	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	17-Apr-14 20:00:00	0.23	10.66	18.92	83.84	88.58
17-Apr-14 21:00:00	17-Apr-14 22:00:00	0.00	1.53	0.00	0.00	5.77	2.1	329.7	0.00	0.50	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	17-Apr-14 21:00:00	0.23	10.85	18.92	83.84	88.58
17-Apr-14 22:00:00	17-Apr-14 23:00:00	0.00	4.37	0.00	0.00	5.86	2.1	329.7	0.00	1.44	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	17-Apr-14 22:00:00	0.23	11.79	18.92	83.84	88.58
17-Apr-14 23:00:00	18-Apr-14 00:00:00	0.00	7.09	0.00	0.00	5.86	2.1	329.7	0.00	2.34	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	17-Apr-14 23:00:00	0.23	12.69	18.92	83.84	88.61
18-Apr-14 00:00:00	18-Apr-14 01:00:00	0.00	4.06	0.00	0.00	6.03	2.1	329.7	0.00	1.34	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	18-Apr-14 00:00:00	0.23	11.69	18.92	83.84	88.67
18-Apr-14 01:00:00	18-Apr-14 02:00:00	0.00	2.52	0.00	0.00	17.99	2.1	329.7	0.00	0.83	0.00	0.00	5.93	0.23	10.35	18.92	83.84	86.68	18-Apr-14 01:00:00	0.23	11.18	18.92	83.84	92.61
18-Apr-14 02:00:00	18-Apr-14 03:00:00	0.00	1.76	0.00	0.00	6.31	2.1	329.7	0.00	0.58	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	18-Apr-14 02:00:00	0.23	10.93	18.92	83.84	88.76
18-Apr-14 03:00:00	18-Apr-14 04:00:00	0.00	1.06	0.00	0.00	6.35	2.1	329.7	0.00	0.35	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	18-Apr-14 03:00:00	0.23	10.70	18.92	83.84	88.77
18-Apr-14 04:00:00	18-Apr-14 05:00:00	0.00	0.37	0.00	0.00	6.39	2.1	329.7	0.00	0.12	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	18-Apr-14 04:00:00	0.23	10.47	18.92	83.84	88.79
18-Apr-14 05:00:00	18-Apr-14 06:00:00	0.00	0.52	0.00	0.00	6.47	2.1	329.7	0.00	0.17	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	18-Apr-14 05:00:00	0.23	10.52	18.92	83.84	88.81
18-Apr-14 06:00:00	18-Apr-14 07:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	18-Apr-14 06:00:00	0.23	10.35	18.92	83.84	88.99
18-Apr-14 07:00:00	18-Apr-14 08:00:00	0.00	0.00	0.00	0.00	6.84	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	18-Apr-14 07:00:00	0.23	10.35	18.92	83.84	88.93
18-Apr-14 08:00:00	18-Apr-14 09:00:00	0.00	0.00	0.00	0.00	11.81	2.1	329.7	0.00	0.00	0.00	0.00	3.89	0.23	10.35	18.92	83.84	86.68	18-Apr-14 08:00:00	0.23	10.35	18.92	83.84	90.57
18-Apr-14 09:00:00	18-Apr-14 10:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	18-Apr-14 09:00:00	0.23	10.35	18.92	83.84	88.84
18-Apr-14 10:00:00	18-Apr-14 11:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	18-Apr-14 10:00:00	0.23	10.35	18.92	83.84	88.80
18-Apr-14 11:00:00	18-Apr-14 12:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	18-Apr-14 11:00:00	0.23	10.35	18.92	83.84	88.75
18-Apr-14																								

20-Apr-14 10:00:00	20-Apr-14 11:00:00	0.00	1,111.80	0.00	0.00	328.99	2.1	329.7	0.00	366.56	0.00	0.00	108.47	0.23	10.35	18.92	83.84	86.68	20-Apr-14 10:00:00	0.23	376.91	18.92	83.84	195.15
20-Apr-14 11:00:00	20-Apr-14 12:00:00	0.00	1,153.66	0.00	0.00	335.69	2.1	329.7	0.00	380.36	0.00	0.00	110.68	0.23	10.35	18.92	83.84	86.68	20-Apr-14 11:00:00	0.23	390.71	18.92	83.84	197.36
20-Apr-14 12:00:00	20-Apr-14 13:00:00	0.00	1,170.27	0.00	0.00	4.67	2.1	329.7	0.00	385.84	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	20-Apr-14 12:00:00	0.23	396.19	18.92	83.84	88.22
20-Apr-14 13:00:00	20-Apr-14 14:00:00	0.00	1,167.51	0.00	0.00	4.65	2.1	329.7	0.00	384.93	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	20-Apr-14 13:00:00	0.23	395.28	18.92	83.84	88.21
20-Apr-14 14:00:00	20-Apr-14 15:00:00	0.00	1,152.59	0.00	157.42	220.33	2.1	329.7	0.00	380.01	0.00	51.90	72.64	0.23	10.35	18.92	83.84	86.68	20-Apr-14 14:00:00	0.23	390.36	18.92	83.84	157.32
20-Apr-14 15:00:00	20-Apr-14 16:00:00	0.00	1,159.78	0.00	121.33	172.50	2.1	329.7	0.00	382.38	0.00	40.00	56.87	0.23	10.35	18.92	83.84	86.68	20-Apr-14 15:00:00	0.23	392.73	18.92	83.84	143.55
20-Apr-14 16:00:00	20-Apr-14 17:00:00	0.00	1,065.99	0.00	6.20	6.20	2.1	329.7	0.00	351.46	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	20-Apr-14 16:00:00	0.23	361.81	18.92	83.84	88.19
20-Apr-14 17:00:00	20-Apr-14 18:00:00	0.00	1,055.78	0.00	0.00	32.22	2.1	329.7	0.00	348.09	0.00	0.00	10.62	0.23	10.35	18.92	83.84	86.68	20-Apr-14 17:00:00	0.23	358.44	18.92	83.84	97.30
20-Apr-14 18:00:00	20-Apr-14 19:00:00	0.00	1,014.41	0.00	0.00	76.72	2.1	329.7	0.00	334.45	0.00	0.00	25.29	0.23	10.35	18.92	83.84	86.68	20-Apr-14 18:00:00	0.23	344.80	18.92	83.84	111.97
20-Apr-14 19:00:00	20-Apr-14 20:00:00	0.00	960.34	0.00	0.00	4.97	2.1	329.7	0.00	316.63	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	20-Apr-14 19:00:00	0.23	326.98	18.92	83.84	88.32
20-Apr-14 20:00:00	20-Apr-14 21:00:00	0.00	1,056.05	0.00	0.00	24.68	2.1	329.7	0.00	348.18	0.00	0.00	8.14	0.23	10.35	18.92	83.84	86.68	20-Apr-14 20:00:00	0.23	358.53	18.92	83.84	94.82
20-Apr-14 21:00:00	20-Apr-14 22:00:00	0.00	1,054.86	0.00	0.00	5.25	2.1	329.7	0.00	347.79	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	20-Apr-14 21:00:00	0.23	358.14	18.92	83.84	88.41
20-Apr-14 22:00:00	20-Apr-14 23:00:00	0.00	1,024.00	0.00	0.00	5.38	2.1	329.7	0.00	337.61	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	20-Apr-14 22:00:00	0.23	347.96	18.92	83.84	88.45
20-Apr-14 23:00:00	20-Apr-14 00:00:00	0.00	963.36	0.00	0.00	12.79	2.1	329.7	0.00	317.62	0.00	0.00	4.22	0.23	10.35	18.92	83.84	86.68	20-Apr-14 23:00:00	0.23	327.97	18.92	83.84	90.90
21-Apr-14 00:00:00	21-Apr-14 01:00:00	0.00	930.16	0.00	0.00	5.65	2.1	329.7	0.00	306.67	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	21-Apr-14 00:00:00	0.23	317.02	18.92	83.84	88.54
21-Apr-14 01:00:00	21-Apr-14 02:00:00	0.00	841.41	0.00	0.00	5.75	2.1	329.7	0.00	277.41	0.00	1.90	2.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 01:00:00	0.23	287.76	18.92	83.84	88.58
21-Apr-14 02:00:00	21-Apr-14 03:00:00	0.00	404.36	0.00	0.00	6.97	2.1	329.7	0.00	133.32	0.00	2.30	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 02:00:00	0.23	143.67	18.92	83.84	88.98
21-Apr-14 03:00:00	21-Apr-14 04:00:00	0.00	144.14	0.00	0.00	5.96	2.1	329.7	0.00	47.52	0.00	1.97	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 03:00:00	0.23	57.87	18.92	83.84	88.65
21-Apr-14 04:00:00	21-Apr-14 05:00:00	0.00	10.15	0.00	0.00	6.08	2.1	329.7	0.00	3.35	0.00	2.01	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 04:00:00	0.23	13.70	18.92	83.84	88.69
21-Apr-14 05:00:00	21-Apr-14 06:00:00	0.00	6.86	0.00	0.00	6.21	2.1	329.7	0.00	2.26	0.00	2.05	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 05:00:00	0.23	12.61	18.92	83.84	88.72
21-Apr-14 06:00:00	21-Apr-14 07:00:00	0.00	16.43	0.00	0.00	10.96	2.1	329.7	0.00	5.42	0.00	3.61	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 06:00:00	0.23	15.77	18.92	83.84	90.29
21-Apr-14 07:00:00	21-Apr-14 08:00:00	0.00	14.32	0.00	0.00	6.24	2.1	329.7	0.00	4.72	0.00	2.06	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 07:00:00	0.23	15.07	18.92	83.84	88.74
21-Apr-14 08:00:00	21-Apr-14 09:00:00	0.00	12.77	0.00	0.00	6.06	2.1	329.7	0.00	4.21	0.00	2.00	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 08:00:00	0.23	14.56	18.92	83.84	88.68
21-Apr-14 09:00:00	21-Apr-14 10:00:00	0.00	8.99	0.00	0.00	5.88	2.1	329.7	0.00	2.97	0.00	1.94	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 09:00:00	0.23	13.32	18.92	83.84	88.62
21-Apr-14 10:00:00	21-Apr-14 11:00:00	0.00	7.04	0.00	0.00	57.96	2.1	329.7	0.00	2.32	0.00	19.11	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 10:00:00	0.23	12.67	18.92	83.84	105.79
21-Apr-14 11:00:00	21-Apr-14 12:00:00	0.00	2.30	0.00	0.00	5.39	2.1	329.7	0.00	0.66	0.00	1.78	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 11:00:00	0.23	11.01	18.92	83.84	88.46
21-Apr-14 12:00:00	21-Apr-14 13:00:00	0.00	0.75	0.00	0.00	4.94	2.1	329.7	0.00	0.25	0.00	1.63	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 12:00:00	0.23	10.60	18.92	83.84	88.31
21-Apr-14 13:00:00	21-Apr-14 14:00:00	0.00	1.50	0.00	0.00	30.52	2.1	329.7	0.00	0.50	0.00	10.06	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 13:00:00	0.23	10.85	18.92	83.84	96.74
21-Apr-14 14:00:00	21-Apr-14 15:00:00	0.00	3.73	0.00	0.00	4.60	2.1	329.7	0.00	1.23	0.00	1.52	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 14:00:00	0.23	11.58	18.92	83.84	88.20
21-Apr-14 15:00:00	21-Apr-14 16:00:00	0.00	0.97	0.00	0.00	5.12	2.1	329.7	0.00	0.32	0.00	1.69	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 15:00:00	0.23	10.67	18.92	83.84	88.37
21-Apr-14 16:00:00	21-Apr-14 17:00:00	0.00	6.58	0.00	0.00	4.57	2.1	329.7	0.00	2.20	0.00	1.51	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 16:00:00	0.23	12.55	18.92	83.84	88.15
21-Apr-14 17:00:00	21-Apr-14 18:00:00	0.00	0.37	0.00	0.00	4.20	2.1	329.7	0.00	0.33	0.00	1.42	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 17:00:00	0.23	10.47	18.92	83.84	88.10
21-Apr-14 18:00:00	21-Apr-14 19:00:00	0.00	12.71	0.00	0.00	4.26	2.1	329.7	0.00	4.19	0.00	1.41	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 18:00:00	0.23	14.54	18.92	83.84	88.09
21-Apr-14 19:00:00	21-Apr-14 20:00:00	0.00	13.48	0.00	0.00	9.12	2.1	329.7	0.00	4.44	0.00	3.01	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 19:00:00	0.23	14.79	18.92	83.84	89.69
21-Apr-14 20:00:00	21-Apr-14 21:00:00	0.00	14.58	0.00	0.00	5.00	2.1	329.7	0.00	4.81	0.00	1.65	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 20:00:00	0.23	15.16	18.92	83.84	88.33
21-Apr-14 21:00:00	21-Apr-14 22:00:00	0.00	2.81	0.00	0.00	4.81	2.1	329.7	0.00	0.93	0.00	1.59	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 21:00:00	0.23	11.28	18.92	83.84	88.27
21-Apr-14 22:00:00	21-Apr-14 23:00:00	0.00	7.92	0.00	0.00	5.19	2.1	329.7	0.00	2.61	0.00	1.71	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 22:00:00	0.23	12.96	18.92	83.84	88.39
21-Apr-14 23:00:00	22-Apr-14 00:00:00	0.00	4.04	0.00	0.00	5.56	2.1	329.7	0.00	1.33	0.00	1.83	0.23	0.23	10.35	18.92	83.84	86.68	21-Apr-14 23:00:00	0.23	11.68	18.92	83.84	88.51
22-Apr-14 00:00:00	22-Apr-14 01:00:00	0.00	1.08	0.00	0.00	5.73	2.1	329.7	0.00	0.36	0.00	1.89	0.23	0.23	10.35	18.92	83.84	86.68	22-Apr-14 00:00:00	0.23	10.71	18.92	83.84	88.57
22-Apr-14 01:00:00	22-Apr-14 02:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	1.89	0.23	0.23	10.35	18.92	83.84	86.68	22-Apr-14 01:00:00	0.23	10.35	18.92	83.84	88.57
22-Apr-14 02:00:00	22-Apr-14 03:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.0													

24-Apr-14 05:00:00	24-Apr-14 06:00:00	0.00	23.63	0.00	0.00	12.33	2.1	329.7	0.00	7.79	0.00	0.00	4.07	0.23	10.35	18.92	83.84	86.68	24-Apr-14 05:00:00	0.23	18.14	18.92	83.84	90.75
24-Apr-14 06:00:00	24-Apr-14 07:00:00	0.00	22.47	0.00	0.00	6.42	2.1	329.7	0.00	7.41	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	24-Apr-14 06:00:00	0.23	17.76	18.92	83.84	88.80
24-Apr-14 07:00:00	24-Apr-14 08:00:00	0.00	21.22	0.00	0.00	31.41	2.1	329.7	0.00	6.99	0.00	0.00	10.36	0.23	10.35	18.92	83.84	86.68	24-Apr-14 07:00:00	0.23	17.34	18.92	83.84	97.04
24-Apr-14 08:00:00	24-Apr-14 09:00:00	0.00	20.51	0.00	0.00	6.57	2.1	329.7	0.00	6.76	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	24-Apr-14 08:00:00	0.23	17.11	18.92	83.84	88.84
24-Apr-14 09:00:00	24-Apr-14 10:00:00	0.00	18.57	0.00	0.00	6.16	2.1	329.7	0.00	6.12	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	24-Apr-14 09:00:00	0.23	16.47	18.92	83.84	88.71
24-Apr-14 10:00:00	24-Apr-14 11:00:00	0.00	13.15	0.00	0.00	5.89	2.1	329.7	0.00	4.34	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	24-Apr-14 10:00:00	0.23	14.69	18.92	83.84	88.62
24-Apr-14 11:00:00	24-Apr-14 12:00:00	0.00	6.73	0.00	0.00	5.22	2.1	329.7	0.00	3.22	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	24-Apr-14 11:00:00	0.23	12.57	18.92	83.84	89.27
24-Apr-14 12:00:00	24-Apr-14 13:00:00	0.00	2.66	0.00	0.00	5.34	2.1	329.7	0.00	0.88	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	24-Apr-14 12:00:00	0.23	11.23	18.92	83.84	88.44
24-Apr-14 13:00:00	24-Apr-14 14:00:00	0.00	6.83	0.00	0.00	7.87	2.1	329.7	0.00	2.25	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	24-Apr-14 13:00:00	0.23	12.60	18.92	83.84	89.28
24-Apr-14 14:00:00	24-Apr-14 15:00:00	0.00	11.92	0.00	0.00	4.91	2.1	329.7	0.00	3.93	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	24-Apr-14 14:00:00	0.23	14.28	18.92	83.84	88.30
24-Apr-14 15:00:00	24-Apr-14 16:00:00	0.00	8.46	0.00	0.00	43.26	2.1	329.7	0.00	2.79	0.00	0.00	14.26	0.23	10.35	18.92	83.84	86.68	24-Apr-14 15:00:00	0.23	13.14	18.92	83.84	100.94
24-Apr-14 16:00:00	24-Apr-14 17:00:00	0.00	22.97	0.00	0.00	4.59	2.1	329.7	0.00	7.57	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	24-Apr-14 16:00:00	0.23	17.92	18.92	83.84	88.19
24-Apr-14 17:00:00	24-Apr-14 18:00:00	0.00	9.65	0.00	0.00	4.50	2.1	329.7	0.00	3.18	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	24-Apr-14 17:00:00	0.23	13.53	18.92	83.84	88.16
24-Apr-14 18:00:00	24-Apr-14 19:00:00	0.00	0.92	0.00	0.00	5.25	2.1	329.7	0.00	0.30	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	24-Apr-14 18:00:00	0.23	10.55	18.92	83.84	88.41
24-Apr-14 19:00:00	24-Apr-14 20:00:00	0.00	2.20	0.00	0.00	51.89	2.1	329.7	0.00	0.73	0.00	0.00	17.11	0.23	10.35	18.92	83.84	86.68	24-Apr-14 19:00:00	0.23	11.08	18.92	83.84	103.79
24-Apr-14 20:00:00	24-Apr-14 21:00:00	0.00	3.78	0.00	0.00	4.84	2.1	329.7	0.00	1.25	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	24-Apr-14 20:00:00	0.23	11.60	18.92	83.84	88.28
24-Apr-14 21:00:00	24-Apr-14 22:00:00	0.00	4.02	0.00	0.00	13.24	2.1	329.7	0.00	1.33	0.00	0.00	4.36	0.23	10.35	18.92	83.84	86.68	24-Apr-14 21:00:00	0.23	11.68	18.92	83.84	91.04
24-Apr-14 22:00:00	24-Apr-14 23:00:00	0.00	5.74	0.00	0.00	31.23	2.1	329.7	0.00	1.89	0.00	0.00	10.30	0.23	10.35	18.92	83.84	86.68	24-Apr-14 22:00:00	0.23	12.24	18.92	83.84	96.98
24-Apr-14 23:00:00	25-Apr-14 00:00:00	0.00	8.60	0.00	0.00	5.77	2.1	329.7	0.00	2.83	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	24-Apr-14 23:00:00	0.23	13.18	18.92	83.84	88.58
25-Apr-14 00:00:00	25-Apr-14 01:00:00	0.00	5.42	0.00	0.00	15.42	2.1	329.7	0.00	1.79	0.00	0.00	5.08	0.23	10.35	18.92	83.84	86.68	25-Apr-14 00:00:00	0.23	12.14	18.92	83.84	91.76
25-Apr-14 01:00:00	25-Apr-14 02:00:00	0.00	3.08	0.00	0.00	13.10	2.1	329.7	0.00	1.02	0.00	0.00	4.32	0.23	10.35	18.92	83.84	86.68	25-Apr-14 01:00:00	0.23	11.37	18.92	83.84	91.00
25-Apr-14 02:00:00	25-Apr-14 03:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	25-Apr-14 02:00:00	0.23	10.35	18.92	83.84	88.62
25-Apr-14 03:00:00	25-Apr-14 04:00:00	0.00	0.71	0.00	0.00	9.58	2.1	329.7	0.00	0.23	0.00	0.00	3.16	0.23	10.35	18.92	83.84	86.68	25-Apr-14 03:00:00	0.23	10.58	18.92	83.84	89.84
25-Apr-14 04:00:00	25-Apr-14 05:00:00	0.00	11.89	0.00	0.00	5.97	2.1	329.7	0.00	3.92	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	25-Apr-14 04:00:00	0.23	14.27	18.92	83.84	88.65
25-Apr-14 05:00:00	25-Apr-14 06:00:00	0.00	11.98	0.00	0.00	7.54	2.1	329.7	0.00	3.95	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	25-Apr-14 05:00:00	0.23	14.30	18.92	83.84	89.17
25-Apr-14 06:00:00	25-Apr-14 07:00:00	0.00	11.44	0.00	0.00	5.60	2.1	329.7	0.00	3.77	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	25-Apr-14 06:00:00	0.23	14.12	18.92	83.84	88.53
25-Apr-14 07:00:00	25-Apr-14 08:00:00	0.00	10.89	0.00	0.00	5.45	2.1	329.7	0.00	3.59	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	25-Apr-14 07:00:00	0.23	13.94	18.92	83.84	88.48
25-Apr-14 08:00:00	25-Apr-14 09:00:00	0.00	10.29	0.00	0.00	5.30	2.1	329.7	0.00	3.39	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	25-Apr-14 08:00:00	0.23	13.74	18.92	83.84	88.43
25-Apr-14 09:00:00	25-Apr-14 10:00:00	0.00	8.96	0.00	0.00	5.18	2.1	329.7	0.00	2.95	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	25-Apr-14 09:00:00	0.23	13.30	18.92	83.84	88.39
25-Apr-14 10:00:00	25-Apr-14 11:00:00	0.00	4.14	0.00	0.00	5.12	2.1	329.7	0.00	1.36	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	25-Apr-14 10:00:00	0.23	11.71	18.92	83.84	88.37
25-Apr-14 11:00:00	25-Apr-14 12:00:00	0.00	3.17	0.00	0.00	5.08	2.1	329.7	0.00	1.04	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	25-Apr-14 11:00:00	0.23	11.39	18.92	83.84	88.35
25-Apr-14 12:00:00	25-Apr-14 13:00:00	0.00	12.45	0.00	0.00	4.83	2.1	329.7	0.00	4.30	0.00	0.00	4.30	0.23	10.35	18.92	83.84	86.68	25-Apr-14 12:00:00	0.23	14.45	18.92	83.84	88.46
25-Apr-14 13:00:00	25-Apr-14 14:00:00	0.00	6.37	0.00	0.00	4.82	2.1	329.7	0.00	2.10	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	25-Apr-14 13:00:00	0.23	12.45	18.92	83.84	88.27
25-Apr-14 14:00:00	25-Apr-14 15:00:00	0.00	4.61	0.00	0.00	4.81	2.1	329.7	0.00	1.52	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	25-Apr-14 14:00:00	0.23	11.87	18.92	83.84	88.27
25-Apr-14 15:00:00	25-Apr-14 16:00:00	0.00	13.01	0.00	0.00	5.04	2.1	329.7	0.00	4.29	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	25-Apr-14 15:00:00	0.23	14.64	18.92	83.84	88.34
25-Apr-14 16:00:00	25-Apr-14 17:00:00	0.00	15.88	0.00	0.00	4.95	2.1	329.7	0.00	5.24	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	25-Apr-14 16:00:00	0.23	15.59	18.92	83.84	88.31
25-Apr-14 17:00:00	25-Apr-14 18:00:00	0.00	11.58	0.00	0.00	19.26	2.1	329.7	0.00	3.82	0.00	0.00	6.35	0.23	10.35	18.92	83.84	86.68	25-Apr-14 17:00:00	0.23	14.17	18.92	83.84	93.03
25-Apr-14 18:00:00	25-Apr-14 19:00:00	0.00	8.91	0.00	0.00	26.44	2.1	329.7	0.00	2.94	0.00	0.00	8.72	0.23	10.35	18.92	83.84	86.68	25-Apr-14 18:00:00	0.23	13.29	18.92	83.84	95.40
25-Apr-14 19:00:00	25-Apr-14 20:00:00	0.00	1.39	0.00	0.00	22.44	2.1	329.7	0.00	0.46	0.00	0.00	7.40	0.23	10.35	18.92	83.84	86.68	25-Apr-14 19:00:00	0.23	10.81	18.92	83.84	94.08
25-Apr-14 20:00:00	25-Apr-14 21:00:00	0.00	0.00	0.00	0.00	4.82	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	25-Apr-14 20:00:00	0.23	10.35	18.92	83.84	88.27
25-Apr-14 21:00:00	25-Apr-14 22:00:00	0.00	1.35	0.00	0.00	4.93	2.1	329.7	0.00	0.44	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	25-Apr-14 21:00:00	0.23	10.79	18.92	83.84	88.31
25-Apr-14 22:00:00	25-Apr-14 23:00:00	0.00	3.92	0.00	0.00	5.05	2.1	329.7	0.00	1.29	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	25-Apr-14 22:00:00	0.23	11.64	18.92	83.84	88.34
25-Apr-14 23:00:00	26-Apr-14 00:00:00	0.00	7.71	0.00	0.00	16.93	2.1	329.7	0.00	2.54	0.00	0.00	5.58	0.23	10.35	18.92	83.84	86.68	25-Apr-14 23:00:00	0.23	12.89	18.92	83.84	92.26
26-Apr-14 00:00:00	26-Apr-14 01:00:00	0.00	0.83	0.00	0.00	5.39	2.1	329.7	0.00	0.27	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	26-Apr-14 00:00:00	0.23	10.62	18.92	83.84	88.46
26-Apr-14 01:00:00	26-Apr-14 02:00:00	0.00	1.15	0.00	0.00	33.90	2.1	329.7	0.00	0.38	0.00	0.00	11.18	0.23	10.35	18.92	83.84	86.68	26-Apr-14 01:00:00	0.23	10.73	18.92	83.84	97.86

28-Apr-14 00:00:00	28-Apr-14 01:00:00	0.00	10.78	0.00	0.00	6.77	2.1	329.7	0.00	3.55	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	28-Apr-14 00:00:00	0.23	13.90	18.92	83.84	88.91
28-Apr-14 01:00:00	28-Apr-14 02:00:00	0.00	3.29	0.00	0.00	5.15	2.1	329.7	0.00	1.09	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	28-Apr-14 01:00:00	0.23	11.44	18.92	83.84	88.38
28-Apr-14 02:00:00	28-Apr-14 03:00:00	0.00	1.77	0.00	0.00	5.20	2.1	329.7	0.00	0.58	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	28-Apr-14 02:00:00	0.23	10.93	18.92	83.84	88.39
28-Apr-14 03:00:00	28-Apr-14 04:00:00	0.00	1.87	0.00	0.00	7.11	2.1	329.7	0.00	0.62	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	28-Apr-14 03:00:00	0.23	10.97	18.92	83.84	89.02
28-Apr-14 04:00:00	28-Apr-14 05:00:00	0.00	13.50	0.00	0.00	5.55	2.1	329.7	0.00	4.45	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	28-Apr-14 04:00:00	0.23	14.80	18.92	83.84	88.45
28-Apr-14 05:00:00	28-Apr-14 06:00:00	0.00	12.72	0.00	0.00	5.48	2.1	329.7	0.00	4.39	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	28-Apr-14 05:00:00	0.23	14.54	18.92	83.84	88.49
28-Apr-14 06:00:00	28-Apr-14 07:00:00	0.00	3.27	0.00	0.00	6.25	2.1	329.7	0.00	1.08	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	28-Apr-14 06:00:00	0.23	11.43	18.92	83.84	88.53
28-Apr-14 07:00:00	28-Apr-14 08:00:00	0.00	4.10	0.00	0.00	13.85	2.1	329.7	0.00	1.35	0.00	0.00	4.57	0.23	10.35	18.92	83.84	86.68	28-Apr-14 07:00:00	0.23	11.70	18.92	83.84	91.25
28-Apr-14 08:00:00	28-Apr-14 09:00:00	0.00	1.88	0.00	0.00	5.50	2.1	329.7	0.00	0.62	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	28-Apr-14 08:00:00	0.23	10.97	18.92	83.84	88.49
28-Apr-14 09:00:00	28-Apr-14 10:00:00	0.00	1.20	0.00	0.00	15.87	2.1	329.7	0.00	0.39	0.00	0.00	5.23	0.23	10.35	18.92	83.84	86.68	28-Apr-14 09:00:00	0.23	10.74	18.92	83.84	91.91
28-Apr-14 10:00:00	28-Apr-14 11:00:00	0.00	0.51	0.00	0.00	6.85	2.1	329.7	0.00	0.17	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	28-Apr-14 10:00:00	0.23	10.52	18.92	83.84	88.94
28-Apr-14 11:00:00	28-Apr-14 12:00:00	0.00	4.09	0.00	0.00	4.72	2.1	329.7	0.00	1.35	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	28-Apr-14 11:00:00	0.23	11.70	18.92	83.84	88.24
28-Apr-14 12:00:00	28-Apr-14 13:00:00	0.00	9.17	0.00	0.00	5.42	2.1	329.7	0.00	3.02	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	28-Apr-14 12:00:00	0.23	13.37	18.92	83.84	88.47
28-Apr-14 13:00:00	28-Apr-14 14:00:00	0.00	2.15	0.00	0.00	7.80	2.1	329.7	0.00	0.71	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	28-Apr-14 13:00:00	0.23	11.06	18.92	83.84	89.25
28-Apr-14 14:00:00	28-Apr-14 15:00:00	0.00	3.12	0.00	0.00	4.34	2.1	329.7	0.00	1.03	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	28-Apr-14 14:00:00	0.23	11.38	18.92	83.84	88.11
28-Apr-14 15:00:00	28-Apr-14 16:00:00	0.00	3.95	0.00	0.00	4.34	2.1	329.7	0.00	1.30	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	28-Apr-14 15:00:00	0.23	11.65	18.92	83.84	88.11
28-Apr-14 16:00:00	28-Apr-14 17:00:00	0.00	2.26	0.00	0.00	12.70	2.1	329.7	0.00	0.75	0.00	0.00	4.19	0.23	10.35	18.92	83.84	86.68	28-Apr-14 16:00:00	0.23	11.10	18.92	83.84	90.87
28-Apr-14 17:00:00	28-Apr-14 18:00:00	0.00	1.58	0.00	0.00	4.35	2.1	329.7	0.00	0.52	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	28-Apr-14 17:00:00	0.23	10.87	18.92	83.84	88.11
28-Apr-14 18:00:00	28-Apr-14 19:00:00	0.00	0.90	0.00	0.00	4.28	2.1	329.7	0.00	0.30	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	28-Apr-14 18:00:00	0.23	10.65	18.92	83.84	88.99
28-Apr-14 19:00:00	28-Apr-14 20:00:00	0.00	0.23	0.00	0.00	6.79	2.1	329.7	0.00	0.08	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	28-Apr-14 19:00:00	0.23	10.43	18.92	83.84	88.92
28-Apr-14 20:00:00	28-Apr-14 21:00:00	0.00	0.10	0.00	0.00	4.45	2.1	329.7	0.00	0.03	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	28-Apr-14 20:00:00	0.23	10.38	18.92	83.84	88.15
28-Apr-14 21:00:00	28-Apr-14 22:00:00	0.00	0.25	0.00	0.00	5.91	2.1	329.7	0.00	0.08	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	28-Apr-14 21:00:00	0.23	10.43	18.92	83.84	88.63
28-Apr-14 22:00:00	28-Apr-14 23:00:00	0.00	0.40	0.00	0.00	4.89	2.1	329.7	0.00	0.13	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	28-Apr-14 22:00:00	0.23	10.48	18.92	83.84	88.29
28-Apr-14 23:00:00	29-Apr-14 00:00:00	0.00	2.66	0.00	0.00	6.53	2.1	329.7	0.00	0.88	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	28-Apr-14 23:00:00	0.23	11.23	18.92	83.84	88.83
29-Apr-14 00:00:00	29-Apr-14 01:00:00	0.00	6.43	0.00	0.00	5.99	2.1	329.7	0.00	2.12	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	29-Apr-14 00:00:00	0.23	12.47	18.92	83.84	88.52
29-Apr-14 01:00:00	29-Apr-14 02:00:00	0.00	3.83	0.00	0.00	7.92	2.1	329.7	0.00	1.26	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	29-Apr-14 01:00:00	0.23	11.61	18.92	83.84	89.29
29-Apr-14 02:00:00	29-Apr-14 03:00:00	0.00	4.59	0.00	0.00	7.71	2.1	329.7	0.00	1.51	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	29-Apr-14 02:00:00	0.23	11.86	18.92	83.84	89.22
29-Apr-14 03:00:00	29-Apr-14 04:00:00	0.00	0.20	0.00	0.00	6.16	2.1	329.7	0.00	0.06	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	29-Apr-14 03:00:00	0.23	10.41	18.92	83.84	88.71
29-Apr-14 04:00:00	29-Apr-14 05:00:00	0.00	0.13	0.00	0.00	8.57	2.1	329.7	0.00	0.04	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	29-Apr-14 04:00:00	0.23	10.39	18.92	83.84	89.51
29-Apr-14 05:00:00	29-Apr-14 06:00:00	0.00	0.07	0.00	0.00	18.23	2.1	329.7	0.00	0.02	0.00	0.00	6.01	0.23	10.35	18.92	83.84	86.68	29-Apr-14 05:00:00	0.23	10.37	18.92	83.84	92.69
29-Apr-14 06:00:00	29-Apr-14 07:00:00	0.00	0.01	0.00	0.00	6.24	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	29-Apr-14 06:00:00	0.23	10.35	18.92	83.84	88.74
29-Apr-14 07:00:00	29-Apr-14 08:00:00	0.00	0.00	0.00	0.00	12.17	2.1	329.7	0.00	0.00	0.00	0.00	4.91	0.23	10.35	18.92	83.84	86.68	29-Apr-14 07:00:00	0.23	10.35	18.92	83.84	90.65
29-Apr-14 08:00:00	29-Apr-14 09:00:00	0.00	0.00	0.00	0.00	8.85	2.1	329.7	0.00	0.00	0.00	0.00	2.92	0.23	10.35	18.92	83.84	86.68	29-Apr-14 08:00:00	0.23	10.35	18.92	83.84	89.60
29-Apr-14 09:00:00	29-Apr-14 10:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	29-Apr-14 09:00:00	0.23	10.35	18.92	83.84	88.60
29-Apr-14 10:00:00	29-Apr-14 11:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	29-Apr-14 10:00:00	0.23	10.35	18.92	83.84	88.48
29-Apr-14 11:00:00	29-Apr-14 12:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	29-Apr-14 11:00:00	0.23	10.35	18.92	83.84	88.37
29-Apr-14 12:00:00	29-Apr-14 13:00:00	0.00	1.81	0.00	0.00	8.50	2.1	329.7	0.00	0.60	0.00	0.00	2.80	0.23	10.35	18.92	83.84	86.68	29-Apr-14 12:00:00	0.23	10.95	18.92	83.84	89.48
29-Apr-14 13:00:00	29-Apr-14 14:00:00	0.00	3.83	0.00	0.00	8.38	2.1	329.7	0.00	1.26	0.00	0.00	2.76	0.23	10.35	18.92	83.84	86.68	29-Apr-14 13:00:00	0.23	11.61	18.92	83.84	89.44
29-Apr-14 14:00:00	29-Apr-14 15:00:00	0.00	10.17	0.00	0.00	4.65	2.1	329.7	0.00	3.35	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	29-Apr-14 14:00:00	0.23	13.70	18.92	83.84	88.21
29-Apr-14 15:00:00	29-Apr-14 16:00:00	0.00	3.25	0.00	0.00	6.96	2.1	329.7	0.00	1.07	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	29-Apr-14 15:00:00	0.23	11.42	18.92	83.84	88.98
29-Apr-14 16:00:00	29-Apr-14 17:00:00	0.00	2.63	0.00	0.00	4.37	2.1	329.7	0.00	0.87	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	29-Apr-14 16:00:00	0.23	11.22	18.92	83.84	88.12
29-Apr-14 17:00:00	29-Apr-14 18:00:00	0.00	3.64	0.00	0.00	11.04	2.1	329.7	0.00	1.20	0.00	0.00	3.64	0.23	10.35	18.92	83.84	86.68	29-Apr-14 17:00:00	0.23	11.55	18.92	83.84	90.32
29-Apr-14 18:00:00	29-Apr-14 19:00:00	0.00	0.00	0.00	0.00	15.91	2.1	329.7	0.00	0.00	0.00	0.00	5.24	0.23	10.35	18.92	83.84	86.68	29-Apr-14 18:00:00	0.23	10.35	18.92	83.84	91.92
29-Apr-14 19:00:00	29-Apr-14 20:00:00	0.00	0.00	0.00	0.00	4.58	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	29-Apr-14 19:00:00	0.23	10.35	18.92	83.84	88.19
29-Apr-14 20:00:00	29-Apr-14 21:00:00	0.00	0.00	0.00	0.00	4.80	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	29-Apr-14 20:00:00	0.23	10.35	18.92	83.84	88.26
29-Apr-14 21:00:00	29-Apr																							

01-May-14 19:00:00	01-May-14 20:00:00	0.00	0.00	0.00	0.00	12.39	2.1	329.7	0.00	0.00	0.00	0.00	4.08	0.23	10.35	18.92	83.84	86.68	01-May-14 19:00:00	0.23	10.35	18.92	83.84	90.76
01-May-14 20:00:00	01-May-14 21:00:00	0.00	0.14	0.00	133.14	6.13	2.1	329.7	0.00	0.04	0.00	43.90	2.02	0.23	10.35	18.92	83.84	86.68	01-May-14 20:00:00	0.23	10.39	18.92	127.74	88.70
01-May-14 21:00:00	01-May-14 22:00:00	0.00	0.25	0.00	896.78	5.91	2.1	329.7	0.00	0.08	0.00	295.67	1.95	0.23	10.35	18.92	83.84	86.68	01-May-14 21:00:00	0.23	10.43	18.92	379.51	88.63
01-May-14 22:00:00	01-May-14 23:00:00	0.00	0.65	0.00	29.44	7.76	2.1	329.7	0.00	0.21	0.00	9.71	2.56	0.23	10.35	18.92	83.84	86.68	01-May-14 22:00:00	0.23	10.56	18.92	93.55	89.24
01-May-14 23:00:00	02-May-14 00:00:00	0.00	1.11	0.00	0.00	12.96	2.1	329.7	0.00	0.37	0.00	0.00	4.27	0.23	10.35	18.92	83.84	86.68	01-May-14 23:00:00	0.23	10.72	18.92	83.84	90.95
02-May-14 00:00:00	02-May-14 01:00:00	0.00	11.19	0.00	0.00	6.28	2.1	329.7	0.00	3.69	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	02-May-14 00:00:00	0.23	14.04	18.92	83.84	88.75
02-May-14 01:00:00	02-May-14 02:00:00	0.00	7.92	0.00	0.00	36.03	2.1	329.7	0.00	2.61	0.00	11.87	0.23	10.35	18.92	83.84	86.68	02-May-14 01:00:00	0.23	12.06	18.92	83.84	90.55	
02-May-14 02:00:00	02-May-14 03:00:00	0.00	14.00	0.00	0.00	25.11	2.1	329.7	0.00	4.62	0.00	0.00	8.28	0.23	10.35	18.92	83.84	86.68	02-May-14 02:00:00	0.23	14.97	18.92	83.84	94.96
02-May-14 03:00:00	02-May-14 04:00:00	0.00	15.19	0.00	0.00	6.45	2.1	329.7	0.00	5.01	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	02-May-14 03:00:00	0.23	15.36	18.92	83.84	88.81
02-May-14 04:00:00	02-May-14 05:00:00	0.00	14.46	0.00	0.00	25.48	2.1	329.7	0.00	4.77	0.00	0.00	8.40	0.23	10.35	18.92	83.84	86.68	02-May-14 04:00:00	0.23	15.12	18.92	83.84	95.08
02-May-14 05:00:00	02-May-14 06:00:00	0.00	16.66	0.00	0.00	76.04	2.1	329.7	0.00	5.49	0.00	0.00	25.07	0.23	10.35	18.92	83.84	86.68	02-May-14 05:00:00	0.23	15.84	18.92	83.84	111.75
02-May-14 06:00:00	02-May-14 07:00:00	0.00	21.83	0.00	0.00	6.29	2.1	329.7	0.00	7.20	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	02-May-14 06:00:00	0.23	17.55	18.92	83.84	88.75
02-May-14 07:00:00	02-May-14 08:00:00	0.00	13.09	0.00	0.00	6.20	2.1	329.7	0.00	4.31	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	02-May-14 07:00:00	0.23	14.66	18.92	83.84	88.72
02-May-14 08:00:00	02-May-14 09:00:00	0.00	0.25	0.00	0.00	9.87	2.1	329.7	0.00	0.08	0.00	0.00	3.25	0.23	10.35	18.92	83.84	86.68	02-May-14 08:00:00	0.23	10.43	18.92	83.84	89.93
02-May-14 09:00:00	02-May-14 10:00:00	0.00	0.00	0.00	0.00	17.26	2.1	329.7	0.00	0.00	0.00	0.00	5.69	0.23	10.35	18.92	83.84	86.68	02-May-14 09:00:00	0.23	10.35	18.92	83.84	92.37
02-May-14 10:00:00	02-May-14 11:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	02-May-14 10:00:00	0.23	10.35	18.92	83.84	88.67
02-May-14 11:00:00	02-May-14 12:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	02-May-14 11:00:00	0.23	10.35	18.92	83.84	88.65
02-May-14 12:00:00	02-May-14 13:00:00	0.00	1.96	0.00	0.00	5.89	2.1	329.7	0.00	0.65	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	02-May-14 12:00:00	0.23	11.00	18.92	83.84	88.62
02-May-14 13:00:00	02-May-14 14:00:00	0.00	9.59	0.00	0.00	5.81	2.1	329.7	0.00	3.16	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	02-May-14 13:00:00	0.23	13.51	18.92	83.84	88.59
02-May-14 14:00:00	02-May-14 15:00:00	0.00	4.64	0.00	0.00	5.56	2.1	329.7	0.00	1.53	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	02-May-14 14:00:00	0.23	11.88	18.92	83.84	88.51
02-May-14 15:00:00	02-May-14 16:00:00	0.00	2.70	0.00	0.00	9.88	2.1	329.7	0.00	0.89	0.00	0.00	3.26	0.23	10.35	18.92	83.84	86.68	02-May-14 15:00:00	0.23	11.24	18.92	83.84	89.94
02-May-14 16:00:00	02-May-14 17:00:00	0.00	13.60	0.00	0.00	5.24	2.1	329.7	0.00	4.48	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	02-May-14 16:00:00	0.23	14.83	18.92	83.84	88.41
02-May-14 17:00:00	02-May-14 18:00:00	0.00	3.47	0.00	0.00	117.54	2.1	329.7	0.00	1.14	0.00	0.00	38.75	0.23	10.35	18.92	83.84	86.68	02-May-14 17:00:00	0.23	11.49	18.92	83.84	125.43
02-May-14 18:00:00	02-May-14 19:00:00	0.00	3.06	0.00	0.00	5.21	2.1	329.7	0.00	1.01	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	02-May-14 18:00:00	0.23	11.36	18.92	83.84	88.40
02-May-14 19:00:00	02-May-14 20:00:00	0.00	2.64	0.00	0.00	5.21	2.1	329.7	0.00	0.87	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	02-May-14 19:00:00	0.23	11.22	18.92	83.84	88.40
02-May-14 20:00:00	02-May-14 21:00:00	0.00	2.43	0.00	0.00	5.21	2.1	329.7	0.00	0.80	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	02-May-14 20:00:00	0.23	11.15	18.92	83.84	88.40
02-May-14 21:00:00	02-May-14 22:00:00	0.00	2.18	0.00	0.00	12.26	2.1	329.7	0.00	0.72	0.00	0.00	4.04	0.23	10.35	18.92	83.84	86.68	02-May-14 21:00:00	0.23	11.07	18.92	83.84	90.72
02-May-14 22:00:00	02-May-14 23:00:00	0.00	2.08	0.00	0.00	5.42	2.1	329.7	0.00	0.69	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	02-May-14 22:00:00	0.23	11.04	18.92	83.84	88.47
02-May-14 23:00:00	03-May-14 00:00:00	0.00	11.25	0.00	0.00	5.63	2.1	329.7	0.00	3.71	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	02-May-14 23:00:00	0.23	14.06	18.92	83.84	88.54
03-May-14 00:00:00	03-May-14 01:00:00	0.00	5.44	0.00	0.00	5.85	2.1	329.7	0.00	1.79	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	03-May-14 00:00:00	0.23	12.14	18.92	83.84	88.61
03-May-14 01:00:00	03-May-14 02:00:00	0.00	5.21	0.00	0.00	6.01	2.1	329.7	0.00	1.72	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	03-May-14 01:00:00	0.23	12.07	18.92	83.84	88.66
03-May-14 02:00:00	03-May-14 03:00:00	0.00	0.74	0.00	0.00	6.08	2.1	329.7	0.00	0.24	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	03-May-14 02:00:00	0.23	10.59	18.92	83.84	88.68
03-May-14 03:00:00	03-May-14 04:00:00	0.00	1.25	0.00	0.00	9.20	2.1	329.7	0.00	0.41	0.00	0.00	3.02	0.23	10.35	18.92	83.84	86.68	03-May-14 03:00:00	0.23	10.76	18.92	83.84	89.71
03-May-14 04:00:00	03-May-14 05:00:00	0.00	2.24	0.00	0.00	15.12	2.1	329.7	0.00	0.74	0.00	0.00	4.99	0.23	10.35	18.92	83.84	86.68	03-May-14 04:00:00	0.23	11.09	18.92	83.84	91.67
03-May-14 05:00:00	03-May-14 06:00:00	0.00	6.80	0.00	0.00	6.43	2.1	329.7	0.00	2.24	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	03-May-14 05:00:00	0.23	12.59	18.92	83.84	88.80
03-May-14 06:00:00	03-May-14 07:00:00	0.00	13.96	0.00	0.00	41.46	2.1	329.7	0.00	4.60	0.00	0.00	13.67	0.23	10.35	18.92	83.84	86.68	03-May-14 06:00:00	0.23	14.95	18.92	83.84	100.35
03-May-14 07:00:00	03-May-14 08:00:00	0.00	21.78	0.00	0.00	17.59	2.1	329.7	0.00	7.18	0.00	0.00	5.80	0.23	10.35	18.92	83.84	86.68	03-May-14 07:00:00	0.23	17.53	18.92	83.84	92.48
03-May-14 08:00:00	03-May-14 09:00:00	0.00	34.08	0.00	0.00	6.32	2.1	329.7	0.00	11.24	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	03-May-14 08:00:00	0.23	21.59	18.92	83.84	88.76
03-May-14 09:00:00	03-May-14 10:00:00	0.00	23.28	0.00	0.00	8.87	2.1	329.7	0.00	7.67	0.00	0.00	2.92	0.23	10.35	18.92	83.84	86.68	03-May-14 09:00:00	0.23	18.02	18.92	83.84	89.60
03-May-14 10:00:00	03-May-14 11:00:00	0.00	2.05	0.00	0.00	18.83	2.1	329.7	0.00	0.67	0.00	0.00	6.21	0.23	10.35	18.92	83.84	86.68	03-May-14 10:00:00	0.23	11.02	18.92	83.84	92.89
03-May-14 11:00:00	03-May-14 12:00:00	0.00	4.33	0.00	0.00	5.13	2.1	329.7	0.00	1.43	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	03-May-14 11:00:00	0.23	11.78			

05-May-14 14:00:00	05-May-14 15:00:00	0.00	3.38	0.00	0.00	4.17	2.1	329.7	0.00	1.11	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	05-May-14 14:00:00	0.23	11.46	18.92	83.84	88.05
05-May-14 15:00:00	05-May-14 16:00:00	0.00	1.72	0.00	0.00	10.19	2.1	329.7	0.00	0.57	0.00	0.00	3.36	0.23	10.35	18.92	83.84	86.68	05-May-14 15:00:00	0.23	10.92	18.92	83.84	90.04
05-May-14 16:00:00	05-May-14 17:00:00	0.00	2.41	0.00	0.00	20.75	2.1	329.7	0.00	0.79	0.00	0.00	6.84	0.23	10.35	18.92	83.84	86.68	05-May-14 16:00:00	0.23	11.14	18.92	83.84	93.52
05-May-14 17:00:00	05-May-14 18:00:00	0.00	0.87	0.00	0.00	5.53	2.1	329.7	0.00	0.29	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	05-May-14 17:00:00	0.23	10.64	18.92	83.84	88.50
05-May-14 18:00:00	05-May-14 19:00:00	0.00	0.09	0.00	0.00	11.86	2.1	329.7	0.00	0.03	0.00	0.00	3.91	0.23	10.35	18.92	83.84	86.68	05-May-14 18:00:00	0.23	10.38	18.92	83.84	90.59
05-May-14 19:00:00	05-May-14 20:00:00	0.00	2.61	0.00	0.00	12.69	2.1	329.7	0.00	0.86	0.00	0.00	4.18	0.23	10.35	18.92	83.84	86.68	05-May-14 19:00:00	0.23	11.21	18.92	83.84	90.86
05-May-14 20:00:00	05-May-14 21:00:00	0.00	1.08	0.00	0.00	6.92	2.1	329.7	0.00	0.53	0.00	0.00	3.27	0.23	10.35	18.92	83.84	86.68	05-May-14 20:00:00	0.23	10.68	18.92	83.84	89.95
05-May-14 21:00:00	05-May-14 22:00:00	0.00	1.14	0.00	0.00	6.45	2.1	329.7	0.00	0.37	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	05-May-14 21:00:00	0.23	10.72	18.92	83.84	88.81
05-May-14 22:00:00	05-May-14 23:00:00	0.00	3.16	0.00	0.00	9.52	2.1	329.7	0.00	1.04	0.00	0.00	3.14	0.23	10.35	18.92	83.84	86.68	05-May-14 22:00:00	0.23	11.39	18.92	83.84	89.82
05-May-14 23:00:00	06-May-14 00:00:00	0.00	3.01	0.00	0.00	4.90	2.1	329.7	0.00	0.99	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	05-May-14 23:00:00	0.23	11.34	18.92	83.84	88.29
06-May-14 00:00:00	06-May-14 01:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	06-May-14 00:00:00	0.23	10.35	18.92	83.84	88.78
06-May-14 01:00:00	06-May-14 02:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	06-May-14 01:00:00	0.23	10.35	18.92	83.84	88.85
06-May-14 02:00:00	06-May-14 03:00:00	0.00	0.00	0.00	0.00	10.34	2.1	329.7	0.00	0.00	0.00	0.00	3.41	0.23	10.35	18.92	83.84	86.68	06-May-14 02:00:00	0.23	10.35	18.92	83.84	90.09
06-May-14 03:00:00	06-May-14 04:00:00	0.00	0.00	0.00	0.00	72.02	2.1	329.7	0.00	0.00	0.00	0.00	23.75	0.23	10.35	18.92	83.84	86.68	06-May-14 03:00:00	0.23	10.35	18.92	83.84	110.43
06-May-14 04:00:00	06-May-14 05:00:00	0.00	0.27	0.00	0.00	5.60	2.1	329.7	0.00	0.09	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	06-May-14 04:00:00	0.23	10.44	18.92	83.84	88.53
06-May-14 05:00:00	06-May-14 06:00:00	0.00	9.84	0.00	0.00	32.13	2.1	329.7	0.00	3.24	0.00	0.00	10.59	0.23	10.35	18.92	83.84	86.68	06-May-14 05:00:00	0.23	13.59	18.92	83.84	97.27
06-May-14 06:00:00	06-May-14 07:00:00	0.00	23.88	0.00	0.00	5.56	2.1	329.7	0.00	7.87	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	06-May-14 06:00:00	0.23	18.22	18.92	83.84	88.51
06-May-14 07:00:00	06-May-14 08:00:00	0.00	17.30	0.00	0.00	9.26	2.1	329.7	0.00	5.70	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	06-May-14 07:00:00	0.23	16.05	18.92	83.84	89.73
06-May-14 08:00:00	06-May-14 09:00:00	0.00	6.12	0.00	0.00	12.77	2.1	329.7	0.00	2.02	0.00	0.00	4.21	0.23	10.35	18.92	83.84	86.68	06-May-14 08:00:00	0.23	12.37	18.92	83.84	90.89
06-May-14 09:00:00	06-May-14 10:00:00	0.00	10.48	0.00	0.00	6.92	2.1	329.7	0.00	4.55	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-May-14 09:00:00	0.23	13.80	18.92	83.84	89.96
06-May-14 10:00:00	06-May-14 11:00:00	0.00	10.78	0.00	0.00	8.89	2.1	329.7	0.00	3.55	0.00	0.00	2.93	0.23	10.35	18.92	83.84	86.68	06-May-14 10:00:00	0.23	13.90	18.92	83.84	89.61
06-May-14 11:00:00	06-May-14 12:00:00	0.00	12.84	0.00	0.00	16.38	2.1	329.7	0.00	4.23	0.00	0.00	5.40	0.23	10.35	18.92	83.84	86.68	06-May-14 11:00:00	0.23	14.58	18.92	83.84	92.08
06-May-14 12:00:00	06-May-14 13:00:00	0.00	6.62	0.00	0.00	4.62	2.1	329.7	0.00	2.18	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	06-May-14 12:00:00	0.23	12.53	18.92	83.84	88.20
06-May-14 13:00:00	06-May-14 14:00:00	0.00	1.83	0.00	0.00	7.56	2.1	329.7	0.00	0.60	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	06-May-14 13:00:00	0.23	10.95	18.92	83.84	89.17
06-May-14 14:00:00	06-May-14 15:00:00	0.00	3.27	0.00	0.00	4.12	2.1	329.7	0.00	1.08	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	06-May-14 14:00:00	0.23	11.43	18.92	83.84	88.04
06-May-14 15:00:00	06-May-14 16:00:00	0.00	8.68	0.00	0.00	13.52	2.1	329.7	0.00	2.86	0.00	0.00	4.46	0.23	10.35	18.92	83.84	86.68	06-May-14 15:00:00	0.23	13.21	18.92	83.84	91.14
06-May-14 16:00:00	06-May-14 17:00:00	0.00	0.55	0.00	0.00	20.30	2.1	329.7	0.00	0.18	0.00	0.00	6.69	0.23	10.35	18.92	83.84	86.68	06-May-14 16:00:00	0.23	10.53	18.92	83.84	93.37
06-May-14 17:00:00	06-May-14 18:00:00	0.00	1.59	0.00	0.00	13.45	2.1	329.7	0.00	0.53	0.00	0.00	4.43	0.23	10.35	18.92	83.84	86.68	06-May-14 17:00:00	0.23	10.88	18.92	83.84	91.11
06-May-14 18:00:00	06-May-14 19:00:00	0.00	0.08	0.00	0.00	6.27	2.1	329.7	0.00	0.03	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	06-May-14 18:00:00	0.23	10.38	18.92	83.84	88.75
06-May-14 19:00:00	06-May-14 20:00:00	0.00	0.04	0.00	0.00	4.10	2.1	329.7	0.00	0.01	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	06-May-14 19:00:00	0.23	10.36	18.92	83.84	88.03
06-May-14 20:00:00	06-May-14 21:00:00	0.00	1.19	0.00	0.00	4.14	2.1	329.7	0.00	0.39	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	06-May-14 20:00:00	0.23	10.74	18.92	83.84	88.05
06-May-14 21:00:00	06-May-14 22:00:00	0.00	0.68	0.00	0.00	6.87	2.1	329.7	0.00	0.77	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	06-May-14 21:00:00	0.23	10.67	18.92	83.84	89.95
06-May-14 22:00:00	06-May-14 23:00:00	0.00	0.89	0.00	0.00	40.49	2.1	329.7	0.00	0.29	0.00	0.00	13.35	0.23	10.35	18.92	83.84	86.68	06-May-14 22:00:00	0.23	10.64	18.92	83.84	100.03
06-May-14 23:00:00	07-May-14 00:00:00	0.00	0.89	0.00	0.00	6.32	2.1	329.7	0.00	0.35	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	06-May-14 23:00:00	0.23	10.70	18.92	83.84	88.76
07-May-14 00:00:00	07-May-14 01:00:00	0.00	11.61	0.00	0.00	6.51	2.1	329.7	0.00	3.83	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	07-May-14 00:00:00	0.23	14.18	18.92	83.84	88.83
07-May-14 01:00:00	07-May-14 02:00:00	0.00	29.74	0.00	0.00	12.72	2.1	329.7	0.00	9.81	0.00	0.00	4.19	0.23	10.35	18.92	83.84	86.68	07-May-14 01:00:00	0.23	20.16	18.92	83.84	90.87
07-May-14 02:00:00	07-May-14 03:00:00	0.00	14.78	0.00	0.00	5.19	2.1	329.7	0.00	4.87	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	07-May-14 02:00:00	0.23	15.22	18.92	83.84	88.39
07-May-14 03:00:00	07-May-14 04:00:00	0.00	8.12	0.00	0.00	12.60	2.1	329.7	0.00	2.68	0.00	0.00	4.16	0.23	10.35	18.92	83.84	86.68	07-May-14 03:00:00	0.23	13.03	18.92	83.84	90.84
07-May-14 04:00:00	07-May-14 05:00:00	0.00	1.40	0.00	0.00	12.02	2.1	329.7	0.00	0.46	0.00	0.00	3.96	0.23	10.35	18.92	83.84	86.68	07-May-14 04:00:00	0.23	10.81	18.92	83.84	90.64
07-May-14 05:00:00	07-May-14 06:00:00	0.00	2.39	0.00	0.00	9.08	2.1	329.7	0.00	0.79	0.00	0.00	2.99	0.23	10.35	18.92	83.84	86.68	07-May-14 05:00:00	0.23	11.14	18.92	83.84	89.67
07-May-14 06:00:00	07-May-14 07:00:00	0.00	23.95	0.00	0.00	7.61	2.1	329.7	0.00	7.89	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	07-May-14 06:00:00	0.23	18.24	18.		

09-May-14 09:00:00	09-May-14 10:00:00	0.00	0.00	0.00	0.00	7.28	2.1	329.7	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	09-May-14 09:00:00	0.23	10.35	18.92	83.84	89.08	
09-May-14 10:00:00	09-May-14 11:00:00	0.00	0.42	0.00	0.00	68.04	2.1	329.7	0.00	0.14	0.00	0.00	22.43	0.23	10.35	18.92	83.84	86.68	09-May-14 10:00:00	0.23	10.49	18.92	83.84	109.11
09-May-14 11:00:00	09-May-14 12:00:00	0.00	0.64	0.00	0.00	4.62	2.1	329.7	0.00	0.21	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	09-May-14 11:00:00	0.23	10.56	18.92	83.84	88.20
09-May-14 12:00:00	09-May-14 13:00:00	0.00	0.11	0.00	0.00	45.58	2.1	329.7	0.00	0.04	0.00	0.00	15.03	0.23	10.35	18.92	83.84	86.68	09-May-14 12:00:00	0.23	10.39	18.92	83.84	101.71
09-May-14 13:00:00	09-May-14 14:00:00	0.00	0.00	0.00	0.00	4.41	2.1	329.7	0.00	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	09-May-14 13:00:00	0.23	10.35	18.92	83.84	88.13
09-May-14 14:00:00	09-May-14 15:00:00	0.00	0.00	0.00	0.00	67.96	2.1	329.7	0.00	0.00	0.00	0.00	22.40	0.23	10.35	18.92	83.84	86.68	09-May-14 14:00:00	0.23	10.35	18.92	83.84	109.08
09-May-14 15:00:00	09-May-14 16:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	09-May-14 15:00:00	0.23	10.35	18.92	83.84	89.64
09-May-14 16:00:00	09-May-14 17:00:00	0.00	0.00	0.00	0.00	58.00	2.1	329.7	0.00	0.00	0.00	0.00	19.12	0.23	10.35	18.92	83.84	86.68	09-May-14 16:00:00	0.23	10.35	18.92	83.84	105.80
09-May-14 17:00:00	09-May-14 18:00:00	0.00	0.00	0.00	0.00	4.82	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	09-May-14 17:00:00	0.23	10.35	18.92	83.84	88.27
09-May-14 18:00:00	09-May-14 19:00:00	0.00	0.81	0.00	0.00	16.10	2.1	329.7	0.00	0.27	0.00	0.00	5.31	0.23	10.35	18.92	83.84	86.68	09-May-14 18:00:00	0.23	10.62	18.92	83.84	91.99
09-May-14 19:00:00	09-May-14 20:00:00	0.00	0.00	0.00	0.00	14.55	2.1	329.7	0.00	0.00	0.00	0.00	4.80	0.23	10.35	18.92	83.84	86.68	09-May-14 19:00:00	0.23	10.35	18.92	83.84	91.48
09-May-14 20:00:00	09-May-14 21:00:00	0.00	0.00	0.00	0.00	4.73	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	09-May-14 20:00:00	0.23	10.35	18.92	83.84	88.24
09-May-14 21:00:00	09-May-14 22:00:00	0.54	0.00	0.00	0.00	46.35	2.1	329.7	0.18	0.00	0.00	0.00	15.28	0.23	10.35	18.92	83.84	86.68	09-May-14 21:00:00	0.41	10.35	18.92	83.84	101.96
09-May-14 22:00:00	09-May-14 23:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	09-May-14 22:00:00	0.23	10.35	18.92	83.84	88.43
09-May-14 23:00:00	10-May-14 00:00:00	0.00	0.00	0.00	0.00	5.32	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	09-May-14 23:00:00	0.23	10.35	18.92	83.84	88.43
10-May-14 00:00:00	10-May-14 01:00:00	0.00	0.00	0.00	0.00	18.06	2.1	329.7	0.00	0.00	0.00	0.00	5.96	0.23	10.35	18.92	83.84	86.68	10-May-14 00:00:00	0.23	10.35	18.92	83.84	92.64
10-May-14 01:00:00	10-May-14 02:00:00	0.00	0.75	0.00	0.00	15.83	2.1	329.7	0.00	0.25	0.00	0.00	5.22	0.23	10.35	18.92	83.84	86.68	10-May-14 01:00:00	0.23	10.60	18.92	83.84	91.90
10-May-14 02:00:00	10-May-14 03:00:00	0.00	2.28	0.00	0.00	8.13	2.1	329.7	0.00	0.75	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	10-May-14 02:00:00	0.23	11.10	18.92	83.84	99.36
10-May-14 03:00:00	10-May-14 04:00:00	0.00	3.31	0.00	0.00	10.96	2.1	329.7	0.00	1.09	0.00	0.00	3.61	0.23	10.35	18.92	83.84	86.68	10-May-14 03:00:00	0.23	11.44	18.92	83.84	90.29
10-May-14 04:00:00	10-May-14 05:00:00	0.00	7.02	0.00	0.00	8.63	2.1	329.7	0.00	2.31	0.00	0.00	2.85	0.23	10.35	18.92	83.84	86.68	10-May-14 04:00:00	0.23	12.66	18.92	83.84	89.52
10-May-14 05:00:00	10-May-14 06:00:00	0.00	8.83	0.00	0.00	5.63	2.1	329.7	0.00	0.27	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	10-May-14 05:00:00	0.23	10.62	18.92	83.84	88.54
10-May-14 06:00:00	10-May-14 07:00:00	0.00	0.48	0.00	0.00	14.56	2.1	329.7	0.00	0.16	0.00	0.00	4.80	0.23	10.35	18.92	83.84	86.68	10-May-14 06:00:00	0.23	10.51	18.92	83.84	91.48
10-May-14 07:00:00	10-May-14 08:00:00	0.00	0.29	0.00	0.00	9.68	2.1	329.7	0.00	0.09	0.00	0.00	3.19	0.23	10.35	18.92	83.84	86.68	10-May-14 07:00:00	0.23	10.44	18.92	83.84	89.87
10-May-14 08:00:00	10-May-14 09:00:00	0.00	0.10	0.00	0.00	14.54	2.1	329.7	0.00	0.03	0.00	0.00	4.79	0.23	10.35	18.92	83.84	86.68	10-May-14 08:00:00	0.23	10.38	18.92	83.84	91.47
10-May-14 09:00:00	10-May-14 10:00:00	0.00	0.00	0.00	0.00	41.36	2.1	329.7	0.00	0.00	0.00	0.00	13.64	0.23	10.35	18.92	83.84	86.68	10-May-14 09:00:00	0.23	10.35	18.92	83.84	100.32
10-May-14 10:00:00	10-May-14 11:00:00	0.00	0.00	0.00	0.00	4.90	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	10-May-14 10:00:00	0.23	10.35	18.92	83.84	88.29
10-May-14 11:00:00	10-May-14 12:00:00	0.00	0.00	0.00	0.00	22.61	2.1	329.7	0.00	0.00	0.00	0.00	7.45	0.23	10.35	18.92	83.84	86.68	10-May-14 11:00:00	0.23	10.35	18.92	83.84	94.13
10-May-14 12:00:00	10-May-14 13:00:00	0.00	0.18	0.00	0.00	4.44	2.1	329.7	0.00	0.06	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	10-May-14 12:00:00	0.23	10.41	18.92	83.84	88.14
10-May-14 13:00:00	10-May-14 14:00:00	0.00	0.27	0.00	0.00	15.06	2.1	329.7	0.00	0.09	0.00	0.00	4.97	0.23	10.35	18.92	83.84	86.68	10-May-14 13:00:00	0.23	10.44	18.92	83.84	91.65
10-May-14 14:00:00	10-May-14 15:00:00	0.00	0.00	0.00	0.00	22.46	2.1	329.7	0.00	0.00	0.00	0.00	7.41	0.23	10.35	18.92	83.84	86.68	10-May-14 14:00:00	0.23	10.35	18.92	83.84	94.09
10-May-14 15:00:00	10-May-14 16:00:00	0.00	0.00	0.00	0.00	5.63	2.1	329.7	0.00	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	10-May-14 15:00:00	0.23	10.35	18.92	83.84	88.53
10-May-14 16:00:00	10-May-14 17:00:00	0.00	0.00	0.00	0.00	6.99	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	10-May-14 16:00:00	0.23	10.35	18.92	83.84	89.23
10-May-14 17:00:00	10-May-14 18:00:00	0.00	0.00	0.00	0.00	24.48	2.1	329.7	0.00	0.00	0.00	0.00	8.07	0.23	10.35	18.92	83.84	86.68	10-May-14 17:00:00	0.23	10.35	18.92	83.84	94.75
10-May-14 18:00:00	10-May-14 19:00:00	0.00	0.21	0.00	0.00	9.68	2.1	329.7	0.00	0.07	0.00	0.00	3.19	0.23	10.35	18.92	83.84	86.68	10-May-14 18:00:00	0.23	10.42	18.92	83.84	89.87
10-May-14 19:00:00	10-May-14 20:00:00	0.00	0.24	0.00	0.00	65.88	2.1	329.7	0.00	0.08	0.00	0.00	21.72	0.23	10.35	18.92	83.84	86.68	10-May-14 19:00:00	0.23	10.43	18.92	83.84	108.40
10-May-14 20:00:00	10-May-14 21:00:00	0.00	0.00	0.00	0.00	23.57	2.1	329.7	0.00	0.00	0.00	0.00	7.77	0.23	10.35	18.92	83.84	86.68	10-May-14 20:00:00	0.23	10.35	18.92	83.84	94.45
10-May-14 21:00:00	10-May-14 22:00:00	0.00	0.10	0.00	0.00	10.17	2.1	329.7	0.00	0.03	0.00	0.00	3.35	0.23	10.35	18.92	83.84	86.68	10-May-14 21:00:00	0.23	10.38	18.92	83.84	90.03
10-May-14 22:00:00	10-May-14 23:00:00	0.00	0.16	0.00	0.00	117.36	2.1	329.7	0.00	0.05	0.00	0.00	38.69	0.23	10.35	18.92	83.84	86.68	10-May-14 22:00:00	0.23	10.40	18.92	83.84	125.37
10-May-14 23:00:00	11-May-14 00:00:00	0.00	0.40	0.00	0.00	5.32	2.1	329.7	0.00	0.13	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	10-May-14 23:00:00	0.23	10.48	18.92	83.84	88.43
11-May-14 00:00:00	11-May-14 01:00:00	0.00	0.98	0.00	0.00	5.30	2.1	329.7	0.00	0.32	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	11-May-14 00:00:00	0.23	10.67	18.92	83.84	88.43
11-May-14 01:00:00	11-May-14 02:00:00	0.00	0.46	0.00	0.00	30.13	2.1	329.7	0.00	0.15	0.00	0.00	9.93	0.23	10.35	18.92	83.84	86.68	11-May-14 01:00:00	0.23	10.50	18.92	83.84	96.61
11-May-14 02:00:00	11-May-14 03:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	11-May-14 02:00:00	0.23	10.35	18.92	83.84	88.40
11-May-14 03:00:00	11-May-14 04:00:00	0.00	0.00	0.00	0.00	36.10	2.1	329.7	0.00	0.00	0.00	0.00	11.90	0.23	10.35	18.92	83.84	86.68	11-May-14 03:00:00	0.23	10.35	18.92	83.84	96.58
11-May-14 04:00:00	11-May-14 05:00:00	0.00	0.00	0.00	0.00	33.65	2.1	329.7	0.00	0.00	0.00	0.00	11.10	0.23	10.35	18.92	83.84	86.68	11-May-14 04:00:00	0.23	10.35	18.92	83.84	97.78
11-May-14 05:00:00	11-May-14 06:00:00	0.00	1.64	0.00	0.00	8.34	2.1	329.7	0.00	0.54														

13-May-14 04:00:00	13-May-14 05:00:00	0.00	2.28	0.00	0.00	15.21	2.1	329.7	0.00	0.75	0.00	0.00	5.02	0.23	10.35	18.92	83.84	86.68	13-May-14 04:00:00	0.23	11.10	18.92	83.84	91.70
13-May-14 05:00:00	13-May-14 06:00:00	0.00	4.75	0.00	0.00	12.99	2.1	329.7	0.00	1.57	0.00	0.00	4.28	0.23	10.35	18.92	83.84	86.68	13-May-14 05:00:00	0.23	11.92	18.92	83.84	90.96
13-May-14 06:00:00	13-May-14 07:00:00	0.00	8.92	0.00	0.00	5.29	2.1	329.7	0.00	2.94	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	13-May-14 06:00:00	0.23	13.29	18.92	83.84	88.42
13-May-14 07:00:00	13-May-14 08:00:00	0.00	1.29	0.00	0.00	36.07	2.1	329.7	0.00	0.43	0.00	0.00	11.89	0.23	10.35	18.92	83.84	86.68	13-May-14 07:00:00	0.23	10.78	18.92	83.84	98.57
13-May-14 08:00:00	13-May-14 09:00:00	0.00	0.19	0.00	0.00	5.19	2.1	329.7	0.00	0.06	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	13-May-14 08:00:00	0.23	10.41	18.92	83.84	88.59
13-May-14 09:00:00	13-May-14 10:00:00	0.00	0.00	0.00	0.00	26.20	2.1	329.7	0.00	0.00	0.00	0.00	8.64	0.23	10.35	18.92	83.84	86.68	13-May-14 09:00:00	0.23	10.35	18.92	83.84	95.32
13-May-14 10:00:00	13-May-14 11:00:00	0.00	0.00	0.00	0.00	37.63	2.1	329.7	0.00	0.00	0.00	0.00	11.42	0.23	10.35	18.92	83.84	86.68	13-May-14 10:00:00	0.23	10.35	18.92	83.84	99.10
13-May-14 11:00:00	13-May-14 12:00:00	0.00	0.00	0.00	0.00	4.87	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	13-May-14 11:00:00	0.23	10.35	18.92	83.84	88.29
13-May-14 12:00:00	13-May-14 13:00:00	0.00	0.00	0.00	0.00	11.60	2.1	329.7	0.00	0.00	0.00	0.00	3.82	0.23	10.35	18.92	83.84	86.68	13-May-14 12:00:00	0.23	10.35	18.92	83.84	90.50
13-May-14 13:00:00	13-May-14 14:00:00	0.00	0.00	0.00	0.00	4.19	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	13-May-14 13:00:00	0.23	10.35	18.92	83.84	88.06
13-May-14 14:00:00	13-May-14 15:00:00	0.00	0.00	0.00	0.00	3.94	2.1	329.7	0.00	0.00	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	13-May-14 14:00:00	0.23	10.35	18.92	83.84	87.98
13-May-14 15:00:00	13-May-14 16:00:00	0.00	0.00	0.00	0.00	9.13	2.1	329.7	0.00	0.00	0.00	0.00	3.01	0.23	10.35	18.92	83.84	86.68	13-May-14 15:00:00	0.23	10.35	18.92	83.84	89.69
13-May-14 16:00:00	13-May-14 17:00:00	0.00	0.00	0.00	0.00	8.40	2.1	329.7	0.00	0.00	0.00	0.00	2.77	0.23	10.35	18.92	83.84	86.68	13-May-14 16:00:00	0.23	10.35	18.92	83.84	89.45
13-May-14 17:00:00	13-May-14 18:00:00	0.00	0.00	0.00	0.00	24.01	2.1	329.7	0.00	0.00	0.00	0.00	7.92	0.23	10.35	18.92	83.84	86.68	13-May-14 17:00:00	0.23	10.35	18.92	83.84	94.60
13-May-14 18:00:00	13-May-14 19:00:00	0.00	0.00	0.00	0.00	3.58	2.1	329.7	0.00	0.00	0.00	0.00	1.18	0.23	10.35	18.92	83.84	86.68	13-May-14 18:00:00	0.23	10.35	18.92	83.84	87.86
13-May-14 19:00:00	13-May-14 20:00:00	0.00	0.00	0.00	0.00	3.64	2.1	329.7	0.00	0.00	0.00	0.00	1.20	0.23	10.35	18.92	83.84	86.68	13-May-14 19:00:00	0.23	10.35	18.92	83.84	87.88
13-May-14 20:00:00	13-May-14 21:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	13-May-14 20:00:00	0.23	10.35	18.92	83.84	88.63
13-May-14 21:00:00	13-May-14 22:00:00	0.00	0.00	0.00	0.00	19.00	2.1	329.7	0.00	0.00	0.00	0.00	6.26	0.23	10.35	18.92	83.84	86.68	13-May-14 21:00:00	0.23	10.35	18.92	83.84	92.94
13-May-14 22:00:00	13-May-14 23:00:00	0.00	0.00	0.00	0.00	4.28	2.1	329.7	0.00	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	13-May-14 22:00:00	0.23	10.35	18.92	83.84	88.09
13-May-14 23:00:00	14-May-14 00:00:00	0.00	0.00	0.00	0.00	4.42	2.1	329.7	0.00	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	13-May-14 23:00:00	0.23	10.35	18.92	83.84	88.14
14-May-14 00:00:00	14-May-14 01:00:00	0.00	0.00	0.00	0.00	25.56	2.1	329.7	0.00	0.00	0.00	0.00	8.43	0.23	10.35	18.92	83.84	86.68	14-May-14 00:00:00	0.23	10.35	18.92	83.84	95.11
14-May-14 01:00:00	14-May-14 02:00:00	0.00	0.26	0.00	0.00	36.41	2.1	329.7	0.00	0.09	0.00	0.00	12.00	0.23	10.35	18.92	83.84	86.68	14-May-14 01:00:00	0.23	10.44	18.92	83.84	98.68
14-May-14 02:00:00	14-May-14 03:00:00	0.00	0.89	0.00	0.00	8.04	2.1	329.7	0.00	0.29	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	14-May-14 02:00:00	0.23	10.44	18.92	83.84	89.33
14-May-14 03:00:00	14-May-14 04:00:00	0.00	0.93	0.00	0.00	26.90	2.1	329.7	0.00	0.31	0.00	0.00	8.87	0.23	10.35	18.92	83.84	86.68	14-May-14 03:00:00	0.23	10.66	18.92	83.84	95.55
14-May-14 04:00:00	14-May-14 05:00:00	0.00	1.42	0.00	0.00	20.04	2.1	329.7	0.00	0.47	0.00	0.00	6.61	0.23	10.35	18.92	83.84	86.68	14-May-14 04:00:00	0.23	10.82	18.92	83.84	93.29
14-May-14 05:00:00	14-May-14 06:00:00	0.00	0.10	0.00	0.00	44.88	2.1	329.7	0.00	0.03	0.00	0.00	14.80	0.23	10.35	18.92	83.84	86.68	14-May-14 05:00:00	0.23	10.38	18.92	83.84	101.48
14-May-14 06:00:00	14-May-14 07:00:00	0.00	0.87	0.00	0.00	9.67	2.1	329.7	0.00	0.29	0.00	0.00	3.19	0.23	10.35	18.92	83.84	86.68	14-May-14 06:00:00	0.23	10.64	18.92	83.84	89.87
14-May-14 07:00:00	14-May-14 08:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	14-May-14 07:00:00	0.23	10.35	18.92	83.84	88.37
14-May-14 08:00:00	14-May-14 09:00:00	0.00	0.00	0.00	0.00	14.15	2.1	329.7	0.00	0.00	0.00	0.00	4.67	0.23	10.35	18.92	83.84	86.68	14-May-14 08:00:00	0.23	10.35	18.92	83.84	91.35
14-May-14 09:00:00	14-May-14 10:00:00	0.00	0.00	0.00	0.00	24.93	2.1	329.7	0.00	0.00	0.00	0.00	8.22	0.23	10.35	18.92	83.84	86.68	14-May-14 09:00:00	0.23	10.35	18.92	83.84	94.90
14-May-14 10:00:00	14-May-14 11:00:00	0.00	0.00	0.00	0.00	33.55	2.1	329.7	0.00	0.00	0.00	0.00	10.93	0.23	10.35	18.92	83.84	86.68	14-May-14 10:00:00	0.23	10.35	18.92	83.84	97.61
14-May-14 11:00:00	14-May-14 12:00:00	0.00	0.00	0.00	0.00	6.13	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	14-May-14 11:00:00	0.23	10.35	18.92	83.84	88.35
14-May-14 12:00:00	14-May-14 13:00:00	0.00	0.00	0.00	0.00	45.63	2.1	329.7	0.00	0.00	0.00	0.00	15.04	0.23	10.35	18.92	83.84	86.68	14-May-14 12:00:00	0.23	10.35	18.92	83.84	101.72
14-May-14 13:00:00	14-May-14 14:00:00	0.00	0.00	0.00	0.00	71.41	2.1	329.7	0.00	0.00	0.00	0.00	23.54	0.23	10.35	18.92	83.84	86.68	14-May-14 13:00:00	0.23	10.35	18.92	83.84	110.22
14-May-14 14:00:00	14-May-14 15:00:00	0.00	0.00	0.00	0.00	20.51	2.1	329.7	0.00	0.00	0.00	0.00	6.76	0.23	10.35	18.92	83.84	86.68	14-May-14 14:00:00	0.23	10.35	18.92	83.84	93.44
14-May-14 15:00:00	14-May-14 16:00:00	0.00	0.00	0.00	0.00	34.88	2.1	329.7	0.00	0.00	0.00	0.00	11.50	0.23	10.35	18.92	83.84	86.68	14-May-14 15:00:00	0.23	10.35	18.92	83.84	98.18
14-May-14 16:00:00	14-May-14 17:00:00	0.00	0.00	0.00	0.00	46.20	2.1	329.7	0.00	0.00	0.00	0.00	15.23	0.23	10.35	18.92	83.84	86.68	14-May-14 16:00:00	0.23	10.35	18.92	83.84	101.91
14-May-14 17:00:00	14-May-14 18:00:00	0.00	0.00	0.00	0.00	3.99	2.1	329.7	0.00	0.00	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	14-May-14 17:00:00	0.23	10.35	18.92	83.84	88.00
14-May-14 18:00:00	14-May-14 19:00:00	0.00	0.00	0.00	0.00	7.83	2.1	329.7	0.00	0.00	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	14-May-14 18:00:00	0.23	10.35	18.92	83.84	89.26
14-May-14 19:00:00	14-May-14 20:00:00	0.00	0.00	0.00	0.00	16.13	2.1	329.7	0.00	0.00	0.00	0.00	5.32	0.23	10.35	18.92	83.84	86.68	14-May-14 19:00:00	0.23	10.35	18.92	83.84	92.00
14-May-14 20:00:00	14-May-14 21:00:00	0.00	0.00	0.00	0.00	15.31	2.1	329.7	0.00	0.00	0.00	0.00	5.05	0.23	10.35	18.92	83.84	86.68	14-May-14 20:00:00	0.23	10.35	18.92	83.84	91.73
14-May-14 21:00:00	14-May-14 22:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	14-May-14 21:00:00	0.23	10.35	18.92	83.84	88.22
14-May-14 22:00:00	14-May-14 23:00:00	0.00	0.00	0.00	0.00	11.10	2.1	329.7	0.00	0.00	0.00	0.00	3.66	0.23	10.35	18.92	83.84	86.68	14-May-14 22:00:00	0.23	10.35	18.92	83.84	90.34
14-May-14 23:00:00	15-May-14 00:00:00	0.00	0.00	0.00	0.00	5.07	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	14-May-14 23:00:00	0.23	10.35	18.92	83.84	89.35
15-May-14 00:00:00	15-May-14 01:00:00	0.00	0.00	0.00	0.00	7.68	2.1	329.7	0.00	0.00														

16-May-14 23:00:00	17-May-14 00:00:00	0.00	1.43	0.00	0.00	17.69	2.1	329.7	0.00	0.47	0.00	0.00	5.83	0.23	10.35	18.92	83.84	86.68	16-May-14 23:00:00	0.23	10.82	18.92	83.84	92.51
17-May-14 00:00:00	17-May-14 01:00:00	0.00	2.03	0.00	0.00	12.55	2.1	329.7	0.00	0.67	0.00	0.00	4.14	0.23	10.35	18.92	83.84	86.68	17-May-14 00:00:00	0.23	11.02	18.92	83.84	90.82
17-May-14 01:00:00	17-May-14 02:00:00	0.00	3.82	0.00	0.00	8.58	2.1	329.7	0.00	1.26	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	17-May-14 01:00:00	0.23	11.61	18.92	83.84	89.51
17-May-14 02:00:00	17-May-14 03:00:00	0.00	2.40	0.00	0.00	13.18	2.1	329.7	0.00	0.79	0.00	0.00	4.34	0.23	10.35	18.92	83.84	86.68	17-May-14 02:00:00	0.23	11.14	18.92	83.84	91.02
17-May-14 03:00:00	17-May-14 04:00:00	0.00	5.51	0.00	0.00	62.27	2.1	329.7	0.00	1.82	0.00	0.00	20.53	0.23	10.35	18.92	83.84	86.68	17-May-14 03:00:00	0.23	12.17	18.92	83.84	107.21
17-May-14 04:00:00	17-May-14 05:00:00	0.00	7.21	0.00	0.00	21.28	2.1	329.7	0.00	2.38	0.00	0.00	7.95	0.23	10.35	18.92	83.84	86.68	17-May-14 04:00:00	0.23	12.73	18.92	83.84	93.73
17-May-14 05:00:00	17-May-14 06:00:00	0.00	14.44	0.00	0.00	48.46	2.1	329.7	0.00	4.75	0.00	0.00	15.98	0.23	10.35	18.92	83.84	86.68	17-May-14 05:00:00	0.23	15.10	18.92	83.84	103.66
17-May-14 06:00:00	17-May-14 07:00:00	0.00	0.88	0.00	0.00	7.71	2.1	329.7	0.00	0.29	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	17-May-14 06:00:00	0.23	10.64	18.92	83.84	89.22
17-May-14 07:00:00	17-May-14 08:00:00	0.00	1.87	0.00	0.00	12.24	2.1	329.7	0.00	0.62	0.00	0.00	4.04	0.23	10.35	18.92	83.84	86.68	17-May-14 07:00:00	0.23	10.97	18.92	83.84	90.72
17-May-14 08:00:00	17-May-14 09:00:00	0.00	0.46	0.00	0.00	41.39	2.1	329.7	0.00	0.15	0.00	0.00	13.65	0.23	10.35	18.92	83.84	86.68	17-May-14 08:00:00	0.23	10.50	18.92	83.84	100.33
17-May-14 09:00:00	17-May-14 10:00:00	0.00	0.63	0.00	0.00	14.14	2.1	329.7	0.00	0.21	0.00	0.00	4.66	0.23	10.35	18.92	83.84	86.68	17-May-14 09:00:00	0.23	10.56	18.92	83.84	91.34
17-May-14 10:00:00	17-May-14 11:00:00	0.00	6.14	0.00	0.00	5.58	2.1	329.7	0.00	2.02	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	17-May-14 10:00:00	0.23	12.37	18.92	83.84	88.52
17-May-14 11:00:00	17-May-14 12:00:00	0.00	7.73	0.00	0.00	11.35	2.1	329.7	0.00	2.55	0.00	0.00	3.74	0.23	10.35	18.92	83.84	86.68	17-May-14 11:00:00	0.23	12.90	18.92	83.84	90.42
17-May-14 12:00:00	17-May-14 13:00:00	0.00	1.90	0.00	0.00	5.93	2.1	329.7	0.00	0.63	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	17-May-14 12:00:00	0.23	10.98	18.92	83.84	88.64
17-May-14 13:00:00	17-May-14 14:00:00	0.00	0.86	0.00	0.00	11.25	2.1	329.7	0.00	0.28	0.00	0.00	3.71	0.23	10.35	18.92	83.84	86.68	17-May-14 13:00:00	0.23	10.63	18.92	83.84	90.39
17-May-14 14:00:00	17-May-14 15:00:00	0.00	0.84	0.00	0.00	37.63	2.1	329.7	0.00	0.28	0.00	0.00	12.41	0.23	10.35	18.92	83.84	86.68	17-May-14 14:00:00	0.23	10.63	18.92	83.84	99.09
17-May-14 15:00:00	17-May-14 16:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	17-May-14 15:00:00	0.23	10.35	18.92	83.84	88.36
17-May-14 16:00:00	17-May-14 17:00:00	0.00	0.00	0.00	0.00	37.73	2.1	329.7	0.00	0.00	0.00	0.00	12.44	0.23	10.35	18.92	83.84	86.68	17-May-14 16:00:00	0.23	10.35	18.92	83.84	99.12
17-May-14 17:00:00	17-May-14 18:00:00	0.00	0.00	0.00	0.00	7.88	2.1	329.7	0.00	0.00	0.00	0.00	2.60	0.23	10.35	18.92	83.84	86.68	17-May-14 17:00:00	0.23	10.35	18.92	83.84	89.28
17-May-14 18:00:00	17-May-14 19:00:00	0.00	0.00	0.00	0.00	19.90	2.1	329.7	0.00	0.00	0.00	0.00	5.56	0.23	10.35	18.92	83.84	86.68	17-May-14 18:00:00	0.23	10.35	18.92	83.84	93.24
17-May-14 19:00:00	17-May-14 20:00:00	0.00	0.00	0.00	0.00	22.88	2.1	329.7	0.00	0.00	0.00	0.00	7.54	0.23	10.35	18.92	83.84	86.68	17-May-14 19:00:00	0.23	10.35	18.92	83.84	94.22
17-May-14 20:00:00	17-May-14 21:00:00	0.00	0.00	0.00	0.00	55.23	2.1	329.7	0.00	0.00	0.00	0.00	18.21	0.23	10.35	18.92	83.84	86.68	17-May-14 20:00:00	0.23	10.35	18.92	83.84	104.89
17-May-14 21:00:00	17-May-14 22:00:00	0.00	0.00	0.00	0.00	5.16	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	17-May-14 21:00:00	0.23	10.35	18.92	83.84	88.38
17-May-14 22:00:00	17-May-14 23:00:00	0.00	0.50	0.00	0.00	65.10	2.1	329.7	0.00	0.16	0.00	0.00	21.46	0.23	10.35	18.92	83.84	86.68	17-May-14 22:00:00	0.23	10.51	18.92	83.84	108.14
17-May-14 23:00:00	18-May-14 00:00:00	0.00	1.95	0.00	0.00	35.08	2.1	329.7	0.00	0.64	0.00	0.00	11.57	0.23	10.35	18.92	83.84	86.68	17-May-14 23:00:00	0.23	10.99	18.92	83.84	98.25
18-May-14 00:00:00	18-May-14 01:00:00	0.00	1.44	0.00	0.00	27.58	2.1	329.7	0.00	0.48	0.00	0.00	9.09	0.23	10.35	18.92	83.84	86.68	18-May-14 00:00:00	0.23	10.83	18.92	83.84	95.77
18-May-14 01:00:00	18-May-14 02:00:00	0.00	7.98	0.00	0.00	57.53	2.1	329.7	0.00	2.63	0.00	0.00	18.97	0.23	10.35	18.92	83.84	86.68	18-May-14 01:00:00	0.23	12.98	18.92	83.84	105.65
18-May-14 02:00:00	18-May-14 03:00:00	0.00	13.65	0.00	0.00	31.63	2.1	329.7	0.00	4.50	0.00	0.00	10.43	0.23	10.35	18.92	83.84	86.68	18-May-14 02:00:00	0.23	14.85	18.92	83.84	97.11
18-May-14 03:00:00	18-May-14 04:00:00	0.00	9.81	0.00	0.00	46.24	2.1	329.7	0.00	3.23	0.00	0.00	15.25	0.23	10.35	18.92	83.84	86.68	18-May-14 03:00:00	0.23	13.58	18.92	83.84	101.93
18-May-14 04:00:00	18-May-14 05:00:00	0.00	0.64	0.00	0.00	19.47	2.1	329.7	0.00	0.21	0.00	0.00	6.42	0.23	10.35	18.92	83.84	86.68	18-May-14 04:00:00	0.23	10.56	18.92	83.84	93.10
18-May-14 05:00:00	18-May-14 06:00:00	0.00	0.00	0.00	0.00	43.72	2.1	329.7	0.00	0.00	0.00	0.00	14.41	0.23	10.35	18.92	83.84	86.68	18-May-14 05:00:00	0.23	10.35	18.92	83.84	101.09
18-May-14 06:00:00	18-May-14 07:00:00	0.00	4.47	0.00	0.00	34.69	2.1	329.7	0.00	1.47	0.00	0.00	11.44	0.23	10.35	18.92	83.84	86.68	18-May-14 06:00:00	0.23	11.82	18.92	83.84	98.12
18-May-14 07:00:00	18-May-14 08:00:00	0.00	0.02	0.00	0.00	20.08	2.1	329.7	0.00	0.01	0.00	0.00	8.62	0.23	10.35	18.92	83.84	86.68	18-May-14 07:00:00	0.23	10.36	18.92	83.84	93.30
18-May-14 08:00:00	18-May-14 09:00:00	0.00	0.26	0.00	0.00	25.36	2.1	329.7	0.00	0.09	0.00	0.00	8.36	0.23	10.35	18.92	83.84	86.68	18-May-14 08:00:00	0.23	10.44	18.92	83.84	95.04
18-May-14 09:00:00	18-May-14 10:00:00	0.00	2.08	0.00	0.00	20.65	2.1	329.7	0.00	0.69	0.00	0.00	6.81	0.23	10.35	18.92	83.84	86.68	18-May-14 09:00:00	0.23	11.04	18.92	83.84	93.49
18-May-14 10:00:00	18-May-14 11:00:00	0.00	1.35	0.00	0.00	62.38	2.1	329.7	0.00	0.44	0.00	0.00	20.57	0.23	10.35	18.92	83.84	86.68	18-May-14 10:00:00	0.23	10.79	18.92	83.84	107.25
18-May-14 11:00:00	18-May-14 12:00:00	0.00	0.56	0.00	0.00	55.76	2.1	329.7	0.00	0.19	0.00	0.00	18.38	0.23	10.35	18.92	83.84	86.68	18-May-14 11:00:00	0.23	10.54	18.92	83.84	105.06
18-May-14 12:00:00	18-May-14 13:00:00	0.00	0.34	0.00	0.00	21.52	2.1	329.7	0.00	0.11	0.00	0.00	7.10	0.23	10.35	18.92	83.84	86.68	18-May-14 12:00:00	0.23	10.46	18.92	83.84	93.78
18-May-14 13:00:00	18-May-14 14:00:00	0.00	0.23	0.00	0.00	66.39	2.1	329.7	0.00	0.08	0.00	0.00	21.89	0.23	10.35	18.92	83.84	86.68	18-May-14 13:00:00	0.23	10.43	18.92	83.84	108.57
18-May-14 14:00:00	18-May-14 15:00:00	0.00	0.12	0.00	0.00	15.16	2.1	329.7	0.00	0.04	0.00	0.00	5.00	0.23	10.35	18.92	83.84	86.68	18-May-14 14:00:00	0.23	10.39	18.92	83.84	91.68
18-May-14 15:00:00	18-May-14 16:00:00	0.00	0.85	0.00	0.00	4.64	2.1	329.7	0.00	0.28	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	18-May-14 15:00:					

20-May-14 18:00:00	20-May-14 19:00:00	0.00	0.00	0.00	0.00	26.36	2.1	329.7	0.00	0.00	0.00	0.00	8.69	0.23	10.35	18.92	83.84	86.68	20-May-14 18:00:00	0.23	10.35	18.92	83.84	95.37
20-May-14 19:00:00	20-May-14 20:00:00	0.00	0.00	0.00	0.00	3.84	2.1	329.7	0.00	0.00	0.00	0.00	1.27	0.23	10.35	18.92	83.84	86.68	20-May-14 19:00:00	0.23	10.35	18.92	83.84	87.95
20-May-14 20:00:00	20-May-14 21:00:00	0.00	0.00	0.00	0.00	14.98	2.1	329.7	0.00	0.00	0.00	0.00	4.94	0.23	10.35	18.92	83.84	86.68	20-May-14 20:00:00	0.23	10.35	18.92	83.84	91.62
20-May-14 21:00:00	20-May-14 22:00:00	0.00	0.00	0.00	0.00	39.47	2.1	329.7	0.00	0.00	0.00	0.00	13.01	0.23	10.35	18.92	83.84	86.68	20-May-14 21:00:00	0.23	10.35	18.92	83.84	99.69
20-May-14 22:00:00	20-May-14 23:00:00	0.00	0.00	0.00	0.00	4.09	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	20-May-14 22:00:00	0.23	10.35	18.92	83.84	88.03
20-May-14 23:00:00	21-May-14 00:00:00	0.00	0.00	0.00	0.00	8.37	2.1	329.7	0.00	0.00	0.00	0.00	2.76	0.23	10.35	18.92	83.84	86.68	20-May-14 23:00:00	0.23	10.35	18.92	83.84	89.44
21-May-14 00:00:00	21-May-14 01:00:00	0.00	0.00	0.00	0.00	4.35	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	21-May-14 00:00:00	0.23	10.35	18.92	83.84	88.15
21-May-14 01:00:00	21-May-14 02:00:00	0.00	0.67	0.00	0.00	22.21	2.1	329.7	0.00	0.22	0.00	0.00	7.32	0.23	10.35	18.92	83.84	86.68	21-May-14 01:00:00	0.23	10.57	18.92	83.84	94.00
21-May-14 02:00:00	21-May-14 03:00:00	0.00	2.32	0.00	0.00	7.92	2.1	329.7	0.00	0.77	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	21-May-14 02:00:00	0.23	11.12	18.92	83.84	89.29
21-May-14 03:00:00	21-May-14 04:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	21-May-14 03:00:00	0.23	10.35	18.92	83.84	88.60
21-May-14 04:00:00	21-May-14 05:00:00	0.00	0.00	0.00	0.00	13.55	2.1	329.7	0.00	0.00	0.00	0.00	4.47	0.23	10.35	18.92	83.84	86.68	21-May-14 04:00:00	0.23	10.35	18.92	83.84	91.15
21-May-14 05:00:00	21-May-14 06:00:00	0.00	1.13	0.00	0.00	29.43	2.1	329.7	0.00	0.37	0.00	0.00	9.70	0.23	10.35	18.92	83.84	86.68	21-May-14 05:00:00	0.23	10.72	18.92	83.84	96.38
21-May-14 06:00:00	21-May-14 07:00:00	0.00	1.00	0.00	0.00	47.45	2.1	329.7	0.00	0.33	0.00	0.00	15.64	0.23	10.35	18.92	83.84	86.68	21-May-14 06:00:00	0.23	10.68	18.92	83.84	102.32
21-May-14 07:00:00	21-May-14 08:00:00	0.00	0.63	0.00	0.00	17.79	2.1	329.7	0.00	0.21	0.00	0.00	5.86	0.23	10.35	18.92	83.84	86.68	21-May-14 07:00:00	0.23	10.56	18.92	83.84	92.54
21-May-14 08:00:00	21-May-14 09:00:00	0.00	0.26	0.00	0.00	6.67	2.1	329.7	0.00	0.09	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	21-May-14 08:00:00	0.23	10.44	18.92	83.84	88.88
21-May-14 09:00:00	21-May-14 10:00:00	0.00	0.01	0.00	0.00	18.82	2.1	329.7	0.00	0.00	0.00	0.00	6.21	0.23	10.35	18.92	83.84	86.68	21-May-14 09:00:00	0.23	10.35	18.92	83.84	92.89
21-May-14 10:00:00	21-May-14 11:00:00	0.00	0.00	0.00	0.00	39.74	2.1	329.7	0.00	0.00	0.00	0.00	13.10	0.23	10.35	18.92	83.84	86.68	21-May-14 10:00:00	0.23	10.35	18.92	83.84	99.78
21-May-14 11:00:00	21-May-14 12:00:00	0.00	0.28	0.00	0.00	4.46	2.1	329.7	0.00	0.09	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	21-May-14 11:00:00	0.23	10.44	18.92	83.84	88.15
21-May-14 12:00:00	21-May-14 13:00:00	0.00	0.09	0.00	0.00	23.89	2.1	329.7	0.00	0.03	0.00	0.00	7.98	0.23	10.35	18.92	83.84	86.68	21-May-14 12:00:00	0.23	10.38	18.92	83.84	94.56
21-May-14 13:00:00	21-May-14 14:00:00	0.00	0.42	0.00	0.00	5.77	2.1	329.7	0.00	0.14	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	21-May-14 13:00:00	0.23	10.49	18.92	83.84	88.58
21-May-14 14:00:00	21-May-14 15:00:00	0.00	0.00	0.00	0.00	49.22	2.1	329.7	0.00	0.00	0.00	0.00	16.23	0.23	10.35	18.92	83.84	86.68	21-May-14 14:00:00	0.23	10.35	18.92	83.84	102.91
21-May-14 15:00:00	21-May-14 16:00:00	0.00	0.00	0.00	0.00	8.28	2.1	329.7	0.00	0.00	0.00	0.00	2.73	0.23	10.35	18.92	83.84	86.68	21-May-14 15:00:00	0.23	10.35	18.92	83.84	89.41
21-May-14 16:00:00	21-May-14 17:00:00	0.00	0.00	0.00	0.00	16.12	2.1	329.7	0.00	0.00	0.00	0.00	5.31	0.23	10.35	18.92	83.84	86.68	21-May-14 16:00:00	0.23	10.35	18.92	83.84	91.99
21-May-14 17:00:00	21-May-14 18:00:00	0.00	0.04	0.00	0.00	3.56	2.1	329.7	0.00	0.01	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	21-May-14 17:00:00	0.23	10.36	18.92	83.84	87.85
21-May-14 18:00:00	21-May-14 19:00:00	0.00	2.03	0.00	0.00	21.43	2.1	329.7	0.00	0.67	0.00	0.00	7.06	0.23	10.35	18.92	83.84	86.68	21-May-14 18:00:00	0.23	11.02	18.92	83.84	93.74
21-May-14 19:00:00	21-May-14 20:00:00	0.00	1.05	0.00	0.00	12.95	2.1	329.7	0.00	0.35	0.00	0.00	4.27	0.23	10.35	18.92	83.84	86.68	21-May-14 19:00:00	0.23	10.70	18.92	83.84	90.95
21-May-14 20:00:00	21-May-14 21:00:00	0.00	0.19	0.00	0.00	25.94	2.1	329.7	0.00	0.06	0.00	0.00	8.55	0.23	10.35	18.92	83.84	86.68	21-May-14 20:00:00	0.23	10.41	18.92	83.84	95.23
21-May-14 21:00:00	21-May-14 22:00:00	0.00	0.00	0.00	0.00	4.00	2.1	329.7	0.00	0.00	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	21-May-14 21:00:00	0.23	10.35	18.92	83.84	88.00
21-May-14 22:00:00	21-May-14 23:00:00	0.00	0.00	0.00	0.00	59.70	2.1	329.7	0.00	0.00	0.00	0.00	19.68	0.23	10.35	18.92	83.84	86.68	21-May-14 22:00:00	0.23	10.35	18.92	83.84	106.36
21-May-14 23:00:00	22-May-14 00:00:00	0.00	0.00	0.00	0.00	31.08	2.1	329.7	0.00	0.00	0.00	0.00	10.25	0.23	10.35	18.92	83.84	86.68	21-May-14 23:00:00	0.23	10.35	18.92	83.84	96.93
22-May-14 00:00:00	22-May-14 01:00:00	0.00	0.00	0.00	0.00	4.79	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	22-May-14 00:00:00	0.23	10.35	18.92	83.84	88.26
22-May-14 01:00:00	22-May-14 02:00:00	0.00	0.05	0.00	0.00	42.38	2.1	329.7	0.00	0.02	0.00	0.00	13.88	0.23	10.35	18.92	83.84	86.68	22-May-14 01:00:00	0.23	10.37	18.92	83.84	100.56
22-May-14 02:00:00	22-May-14 03:00:00	0.00	0.10	0.00	0.00	7.59	2.1	329.7	0.00	0.03	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	22-May-14 02:00:00	0.23	10.38	18.92	83.84	89.18
22-May-14 03:00:00	22-May-14 04:00:00	0.00	1.94	0.00	0.00	32.33	2.1	329.7	0.00	0.64	0.00	0.00	10.66	0.23	10.35	18.92	83.84	86.68	22-May-14 03:00:00	0.23	10.99	18.92	83.84	97.34
22-May-14 04:00:00	22-May-14 05:00:00	0.00	0.48	0.00	0.00	4.95	2.1	329.7	0.00	1.57	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	22-May-14 04:00:00	0.23	11.92	18.92	83.84	88.31
22-May-14 05:00:00	22-May-14 06:00:00	0.00	0.79	0.00	0.00	21.38	2.1	329.7	0.00	0.13	0.00	0.00	7.05	0.23	10.35	18.92	83.84	86.68	22-May-14 05:00:00	0.23	10.48	18.92	83.84	93.73
22-May-14 06:00:00	22-May-14 07:00:00	0.00	5.48	0.00	0.00	5.17	2.1	329.7	0.00	1.81	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	22-May-14 06:00:00	0.23	12.16	18.92	83.84	88.38
22-May-14 07:00:00	22-May-14 08:00:00	0.00	8.30	0.00	0.00	36.93	2.1	329.7	0.00	2.74	0.00	0.00	12.18	0.23	10.35	18.92	83.84	86.68	22-May-14 07:00:00	0.23	13.09	18.92	83.84	98.86
22-May-14 08:00:00	22-May-14 09:00:00	0.00	4.20	0.00	0.00	4.94	2.1	329.7	0.00	1.38	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	22-May-14 08:00:00	0.23	11.73	18.92	83.84	88.31
22-May-14 09:00:00	22-May-14 10:00:00	0.00	5.72	0.00	0.00	25.63	2.1	329.7	0.00	1.89	0.00	0.00	8.45	0.23	10.35	18.92	83.84	86.68	22-May-14 09:00:00	0.23	12.24	18.92	83.84	95.13
22-May-14 10:00:00	22-May-14 11:00:00	0.00	5.59	0.00	0.00	4.96	2.1	329.7	0.00	1.84	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	22-May-14 10:00:00	0.23	12.19			

24-May-14 13:00:00	24-May-14 14:00:00	0.00	0.00	0.00	0.00	13.59	2.1	329.7	0.00	0.00	0.00	0.00	4.48	0.23	10.35	18.92	83.84	86.68	24-May-14 13:00:00	0.23	10.35	18.92	83.84	91.16
24-May-14 14:00:00	24-May-14 15:00:00	0.00	0.97	0.00	0.00	4.01	2.1	329.7	0.00	0.32	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	24-May-14 14:00:00	0.23	10.67	18.92	83.84	88.00
24-May-14 15:00:00	24-May-14 16:00:00	0.00	1.10	0.00	0.00	18.12	2.1	329.7	0.00	0.36	0.00	0.00	5.97	0.23	10.35	18.92	83.84	86.68	24-May-14 15:00:00	0.23	10.71	18.92	83.84	92.65
24-May-14 16:00:00	24-May-14 17:00:00	0.00	0.00	0.00	0.00	50.61	2.1	329.7	0.00	0.00	0.00	0.00	16.69	0.23	10.35	18.92	83.84	86.68	24-May-14 16:00:00	0.23	10.35	18.92	83.84	103.37
24-May-14 17:00:00	24-May-14 18:00:00	0.00	0.00	0.00	0.00	22.98	2.1	329.7	0.00	0.00	0.00	0.00	7.58	0.23	10.35	18.92	83.84	86.68	24-May-14 17:00:00	0.23	10.35	18.92	83.84	94.26
24-May-14 18:00:00	24-May-14 19:00:00	0.00	0.00	0.00	0.00	7.99	2.1	329.7	0.00	0.00	0.00	0.00	2.64	0.23	10.35	18.92	83.84	86.68	24-May-14 18:00:00	0.23	10.35	18.92	83.84	89.32
24-May-14 19:00:00	24-May-14 20:00:00	0.00	0.00	0.00	0.00	4.07	2.1	329.7	0.00	0.00	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	24-May-14 19:00:00	0.23	10.35	18.92	83.84	89.99
24-May-14 20:00:00	24-May-14 21:00:00	0.00	0.13	0.00	0.00	3.58	2.1	329.7	0.00	0.04	0.00	0.00	1.18	0.23	10.35	18.92	83.84	86.68	24-May-14 20:00:00	0.23	10.39	18.92	83.84	87.86
24-May-14 21:00:00	24-May-14 22:00:00	0.02	1.24	0.00	0.00	28.95	2.1	329.7	0.01	0.41	0.00	0.00	9.55	0.23	10.35	18.92	83.84	86.68	24-May-14 21:00:00	0.24	10.76	18.92	83.84	96.23
24-May-14 22:00:00	24-May-14 23:00:00	0.00	0.71	0.00	0.00	4.39	2.1	329.7	0.00	0.23	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	24-May-14 22:00:00	0.23	10.58	18.92	83.84	88.13
24-May-14 23:00:00	25-May-14 00:00:00	0.00	0.96	0.00	0.00	9.54	2.1	329.7	0.00	0.32	0.00	0.00	3.15	0.23	10.35	18.92	83.84	86.68	24-May-14 23:00:00	0.23	10.67	18.92	83.84	89.83
25-May-14 00:00:00	25-May-14 01:00:00	0.00	4.66	0.00	0.00	20.93	2.1	329.7	0.00	1.54	0.00	0.00	6.90	0.23	10.35	18.92	83.84	86.68	25-May-14 00:00:00	0.23	11.89	18.92	83.84	93.58
25-May-14 01:00:00	25-May-14 02:00:00	0.00	1.42	0.00	0.00	5.09	2.1	329.7	0.00	0.47	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	25-May-14 01:00:00	0.23	10.82	18.92	83.84	88.36
25-May-14 02:00:00	25-May-14 03:00:00	0.00	0.34	0.00	0.00	10.97	2.1	329.7	0.00	0.11	0.00	0.00	3.62	0.23	10.35	18.92	83.84	86.68	25-May-14 02:00:00	0.23	10.46	18.92	83.84	90.30
25-May-14 03:00:00	25-May-14 04:00:00	0.00	0.07	0.00	0.00	7.76	2.1	329.7	0.00	0.02	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	25-May-14 03:00:00	0.23	10.37	18.92	83.84	89.24
25-May-14 04:00:00	25-May-14 05:00:00	0.00	2.51	0.00	0.00	9.36	2.1	329.7	0.00	0.83	0.00	0.00	3.09	0.23	10.35	18.92	83.84	86.68	25-May-14 04:00:00	0.23	11.18	18.92	83.84	89.77
25-May-14 05:00:00	25-May-14 06:00:00	0.00	0.82	0.00	0.00	5.13	2.1	329.7	0.00	0.27	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	25-May-14 05:00:00	0.23	10.62	18.92	83.84	88.37
25-May-14 06:00:00	25-May-14 07:00:00	0.00	1.51	0.00	0.00	5.07	2.1	329.7	0.00	0.50	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	25-May-14 06:00:00	0.23	10.85	18.92	83.84	88.35
25-May-14 07:00:00	25-May-14 08:00:00	0.00	2.15	0.00	0.00	5.01	2.1	329.7	0.00	0.71	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	25-May-14 07:00:00	0.23	11.06	18.92	83.84	88.33
25-May-14 08:00:00	25-May-14 09:00:00	0.00	0.25	0.00	0.00	4.93	2.1	329.7	0.00	0.08	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	25-May-14 08:00:00	0.23	10.43	18.92	83.84	88.31
25-May-14 09:00:00	25-May-14 10:00:00	0.00	0.19	0.00	0.00	21.03	2.1	329.7	0.00	0.06	0.00	0.00	6.93	0.23	10.35	18.92	83.84	86.68	25-May-14 09:00:00	0.23	10.41	18.92	83.84	93.61
25-May-14 10:00:00	25-May-14 11:00:00	0.00	0.15	0.00	0.00	35.90	2.1	329.7	0.00	0.05	0.00	0.00	11.84	0.23	10.35	18.92	83.84	86.68	25-May-14 10:00:00	0.23	10.40	18.92	83.84	98.52
25-May-14 11:00:00	25-May-14 12:00:00	0.00	5.04	0.00	0.00	7.29	2.1	329.7	0.00	1.66	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	25-May-14 11:00:00	0.23	12.01	18.92	83.84	89.08
25-May-14 12:00:00	25-May-14 13:00:00	0.00	0.70	0.00	0.00	29.11	2.1	329.7	0.00	0.23	0.00	0.00	9.60	0.23	10.35	18.92	83.84	86.68	25-May-14 12:00:00	0.23	10.58	18.92	83.84	96.28
25-May-14 13:00:00	25-May-14 14:00:00	0.00	0.10	0.00	0.00	4.02	2.1	329.7	0.00	0.03	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	25-May-14 13:00:00	0.23	10.38	18.92	83.84	88.01
25-May-14 14:00:00	25-May-14 15:00:00	0.00	0.06	0.00	0.00	19.70	2.1	329.7	0.00	0.02	0.00	0.00	6.49	0.23	10.35	18.92	83.84	86.68	25-May-14 14:00:00	0.23	10.37	18.92	83.84	93.17
25-May-14 15:00:00	25-May-14 16:00:00	0.00	0.00	0.00	0.00	3.61	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	25-May-14 15:00:00	0.23	10.35	18.92	83.84	87.87
25-May-14 16:00:00	25-May-14 17:00:00	0.00	0.00	0.00	0.00	24.79	2.1	329.7	0.00	0.00	0.00	0.00	8.17	0.23	10.35	18.92	83.84	86.68	25-May-14 16:00:00	0.23	10.35	18.92	83.84	94.85
25-May-14 17:00:00	25-May-14 18:00:00	0.00	0.00	0.00	0.00	18.33	2.1	329.7	0.00	0.00	0.00	0.00	6.04	0.23	10.35	18.92	83.84	86.68	25-May-14 17:00:00	0.23	10.35	18.92	83.84	92.72
25-May-14 18:00:00	25-May-14 19:00:00	0.00	0.00	0.00	0.00	3.96	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	25-May-14 18:00:00	0.23	10.35	18.92	83.84	87.99
25-May-14 19:00:00	25-May-14 20:00:00	0.00	0.00	0.00	0.00	4.04	2.1	329.7	0.00	0.00	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	25-May-14 19:00:00	0.23	10.35	18.92	83.84	88.01
25-May-14 20:00:00	25-May-14 21:00:00	0.00	0.00	0.00	0.00	20.62	2.1	329.7	0.00	0.00	0.00	0.00	6.80	0.23	10.35	18.92	83.84	86.68	25-May-14 20:00:00	0.23	10.35	18.92	83.84	93.54
25-May-14 21:00:00	25-May-14 22:00:00	0.00	0.00	0.00	0.00	4.04	2.1	329.7	0.00	0.00	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	25-May-14 21:00:00	0.23	10.35	18.92	83.84	88.01
25-May-14 22:00:00	25-May-14 23:00:00	0.00	0.00	0.00	0.00	35.25	2.1	329.7	0.00	0.00	0.00	0.00	11.62	0.23	10.35	18.92	83.84	86.68	25-May-14 22:00:00	0.23	10.35	18.92	83.84	98.30
25-May-14 23:00:00	26-May-14 00:00:00	0.00	0.00	0.00	0.00	33.29	2.1	329.7	0.00	0.00	0.00	0.00	10.98	0.23	10.35	18.92	83.84	86.68	25-May-14 23:00:00	0.23	10.35	18.92	83.84	97.66
26-May-14 00:00:00	26-May-14 01:00:00	0.00	0.61	0.00	0.00	4.83	2.1	329.7	0.00	0.20	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	26-May-14 00:00:00	0.23	10.55	18.92	83.84	88.27
26-May-14 01:00:00	26-May-14 02:00:00	0.00	7.07	0.00	0.00	4.92	2.1	329.7	0.00	2.33	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	26-May-14 01:00:00	0.23	12.68	18.92	83.84	88.30
26-May-14 02:00:00	26-May-14 03:00:00	0.00	6.21	0.00	0.00	42.67	2.1	329.7	0.00	2.05	0.00	0.00	14.07	0.23	10.35	18.92	83.84	86.68	26-May-14 02:00:00	0.23	12.40	18.92	83.84	100.75
26-May-14 03:00:00	26-May-14 04:00:00	0.00	9.60	0.00	0.00	5.07	2.1	329.7	0.00	3.17	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	26-May-14 03:00:00	0.23	13.52	18.92	83.84	88.35
26-May-14 04:00:00	26-May-14 05:00:00	0.00	0.70	0.00	0.00	30.65	2.1	329.7	0.00	0.23	0.00	0.00	10.11	0.23	10.35	18.92	83.84	86.68	26-May-14 04:00:00	0.23	10.58	18.92	83.84	96.79
26-May-14 05:00:00	26-May-14 06:00:00	0.00	1.30	0.00	0.00	65.30	2.1	329.7	0.00	0.43	0.00	0.00	21.53	0.23	10.35	18.92	83.84	86.68	26-May-14 05:00:00	0.23	10.78	18.92		

28-May-14 08:00:00	28-May-14 09:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	28-May-14 08:00:00	0.23	10.35	18.92	83.84	88.22
28-May-14 09:00:00	28-May-14 10:00:00	0.00	0.46	0.00	0.00	4.41	2.1	329.7	0.00	0.15	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	28-May-14 09:00:00	0.23	10.50	18.92	83.84	88.13
28-May-14 10:00:00	28-May-14 11:00:00	0.00	0.71	0.00	0.00	4.14	2.1	329.7	0.00	0.23	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	28-May-14 10:00:00	0.23	10.58	18.92	83.84	88.05
28-May-14 11:00:00	28-May-14 12:00:00	0.00	0.00	0.00	0.00	29.83	2.1	329.7	0.00	0.00	0.00	0.00	9.83	0.23	10.35	18.92	83.84	86.68	28-May-14 11:00:00	0.23	10.35	18.92	83.84	96.51
28-May-14 12:00:00	28-May-14 13:00:00	0.00	0.00	0.00	0.00	3.92	2.1	329.7	0.00	0.00	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	28-May-14 12:00:00	0.23	10.35	18.92	83.84	87.97
28-May-14 13:00:00	28-May-14 14:00:00	0.00	0.00	0.00	0.00	16.53	2.1	329.7	0.00	0.00	0.00	0.00	5.45	0.23	10.35	18.92	83.84	86.68	28-May-14 13:00:00	0.23	10.35	18.92	83.84	92.11
28-May-14 14:00:00	28-May-14 15:00:00	0.00	0.00	0.00	0.00	3.57	2.1	329.7	0.00	0.00	0.00	0.00	1.18	0.23	10.35	18.92	83.84	86.68	28-May-14 14:00:00	0.23	10.35	18.92	83.84	87.88
28-May-14 15:00:00	28-May-14 16:00:00	0.00	0.17	0.00	0.00	26.70	2.1	329.7	0.00	0.06	0.00	0.00	8.80	0.23	10.35	18.92	83.84	86.68	28-May-14 15:00:00	0.23	10.41	18.92	83.84	95.48
28-May-14 16:00:00	28-May-14 17:00:00	0.00	0.00	0.00	0.00	18.45	2.1	329.7	0.00	0.00	0.00	0.00	6.08	0.23	10.35	18.92	83.84	86.68	28-May-14 16:00:00	0.23	10.35	18.92	83.84	92.76
28-May-14 17:00:00	28-May-14 18:00:00	0.00	0.00	0.00	0.00	28.04	2.1	329.7	0.00	0.00	0.00	0.00	9.24	0.23	10.35	18.92	83.84	86.68	28-May-14 17:00:00	0.23	10.35	18.92	83.84	95.92
28-May-14 18:00:00	28-May-14 19:00:00	0.00	0.00	0.00	0.00	3.11	2.1	329.7	0.00	0.00	0.00	0.00	1.03	0.23	10.35	18.92	83.84	86.68	28-May-14 18:00:00	0.23	10.35	18.92	83.84	87.71
28-May-14 19:00:00	28-May-14 20:00:00	0.00	0.00	0.00	0.00	26.35	2.1	329.7	0.00	0.00	0.00	0.00	8.69	0.23	10.35	18.92	83.84	86.68	28-May-14 19:00:00	0.23	10.35	18.92	83.84	95.37
28-May-14 20:00:00	28-May-14 21:00:00	0.00	0.00	0.00	0.00	14.73	2.1	329.7	0.00	0.00	0.00	0.00	4.86	0.23	10.35	18.92	83.84	86.68	28-May-14 20:00:00	0.23	10.35	18.92	83.84	91.54
28-May-14 21:00:00	28-May-14 22:00:00	0.00	0.00	0.00	0.00	9.63	2.1	329.7	0.00	0.00	0.00	0.00	3.18	0.23	10.35	18.92	83.84	86.68	28-May-14 21:00:00	0.23	10.35	18.92	83.84	89.86
28-May-14 22:00:00	28-May-14 23:00:00	0.00	0.00	0.00	0.00	10.24	2.1	329.7	0.00	0.00	0.00	0.00	3.38	0.23	10.35	18.92	83.84	86.68	28-May-14 22:00:00	0.23	10.35	18.92	83.84	90.06
28-May-14 23:00:00	29-May-14 00:00:00	0.00	0.00	0.00	0.00	4.75	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	28-May-14 23:00:00	0.23	10.35	18.92	83.84	88.24
29-May-14 00:00:00	29-May-14 01:00:00	0.00	0.00	0.00	0.00	5.67	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	29-May-14 00:00:00	0.23	10.35	18.92	83.84	88.55
29-May-14 01:00:00	29-May-14 02:00:00	0.00	0.00	0.00	0.00	6.60	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	29-May-14 01:00:00	0.23	10.35	18.92	83.84	88.86
29-May-14 02:00:00	29-May-14 03:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	29-May-14 02:00:00	0.23	10.35	18.92	83.84	88.69
29-May-14 03:00:00	29-May-14 04:00:00	0.00	0.03	0.00	0.00	35.09	2.1	329.7	0.00	0.01	0.00	0.00	11.57	0.23	10.35	18.92	83.84	86.68	29-May-14 03:00:00	0.23	10.36	18.92	83.84	98.25
29-May-14 04:00:00	29-May-14 05:00:00	0.00	1.22	0.00	0.00	9.59	2.1	329.7	0.00	0.40	0.00	0.00	3.16	0.23	10.35	18.92	83.84	86.68	29-May-14 04:00:00	0.23	10.75	18.92	83.84	89.84
29-May-14 05:00:00	29-May-14 06:00:00	0.00	1.62	0.00	0.00	4.74	2.1	329.7	0.00	0.53	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	29-May-14 05:00:00	0.23	10.88	18.92	83.84	88.24
29-May-14 06:00:00	29-May-14 07:00:00	0.00	1.33	0.00	0.00	4.72	2.1	329.7	0.00	0.44	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	29-May-14 06:00:00	0.23	10.79	18.92	83.84	88.23
29-May-14 07:00:00	29-May-14 08:00:00	0.00	0.88	0.00	0.00	10.24	2.1	329.7	0.00	0.29	0.00	0.00	3.38	0.23	10.35	18.92	83.84	86.68	29-May-14 07:00:00	0.23	10.64	18.92	83.84	90.06
29-May-14 08:00:00	29-May-14 09:00:00	0.00	0.44	0.00	0.00	23.88	2.1	329.7	0.00	0.14	0.00	0.00	7.87	0.23	10.35	18.92	83.84	86.68	29-May-14 08:00:00	0.23	10.49	18.92	83.84	94.55
29-May-14 09:00:00	29-May-14 10:00:00	0.00	0.25	0.00	0.00	74.45	2.1	329.7	0.00	0.08	0.00	0.00	24.55	0.23	10.35	18.92	83.84	86.68	29-May-14 09:00:00	0.23	10.43	18.92	83.84	111.23
29-May-14 10:00:00	29-May-14 11:00:00	0.00	0.16	0.00	0.00	16.20	2.1	329.7	0.00	0.05	0.00	0.00	5.34	0.23	10.35	18.92	83.84	86.68	29-May-14 10:00:00	0.23	10.40	18.92	83.84	92.02
29-May-14 11:00:00	29-May-14 12:00:00	0.00	0.00	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	29-May-14 11:00:00	0.23	10.35	18.92	83.84	88.90
29-May-14 12:00:00	29-May-14 13:00:00	0.00	0.00	0.00	0.00	7.36	2.1	329.7	0.00	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	29-May-14 12:00:00	0.23	10.35	18.92	83.84	89.11
29-May-14 13:00:00	29-May-14 14:00:00	0.00	0.00	0.00	0.00	10.74	2.1	329.7	0.00	0.00	0.00	0.00	3.54	0.23	10.35	18.92	83.84	86.68	29-May-14 13:00:00	0.23	10.35	18.92	83.84	90.22
29-May-14 14:00:00	29-May-14 15:00:00	0.00	0.00	0.00	0.00	16.63	2.1	329.7	0.00	0.00	0.00	0.00	5.48	0.23	10.35	18.92	83.84	86.68	29-May-14 14:00:00	0.23	10.35	18.92	83.84	92.16
29-May-14 15:00:00	29-May-14 16:00:00	0.00	0.00	0.00	0.00	27.65	2.1	329.7	0.00	0.00	0.00	0.00	9.22	0.23	10.35	18.92	83.84	86.68	29-May-14 15:00:00	0.23	10.35	18.92	83.84	98.80
29-May-14 16:00:00	29-May-14 17:00:00	0.00	0.00	0.00	0.00	3.60	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	29-May-14 16:00:00	0.23	10.35	18.92	83.84	87.87
29-May-14 17:00:00	29-May-14 18:00:00	0.00	0.00	0.00	0.00	15.89	2.1	329.7	0.00	0.00	0.00	0.00	5.24	0.23	10.35	18.92	83.84	86.68	29-May-14 17:00:00	0.23	10.35	18.92	83.84	91.92
29-May-14 18:00:00	29-May-14 19:00:00	0.00	0.09	0.00	0.00	13.53	2.1	329.7	0.00	0.03	0.00	0.00	4.46	0.23	10.35	18.92	83.84	86.68	29-May-14 18:00:00	0.23	10.38	18.92	83.84	91.14
29-May-14 19:00:00	29-May-14 20:00:00	0.00	0.65	0.00	0.00	80.81	2.1	329.7	0.00	0.22	0.00	0.00	26.64	0.23	10.35	18.92	83.84	86.68	29-May-14 19:00:00	0.23	10.57	18.92	83.84	113.32
29-May-14 20:00:00	29-May-14 21:00:00	0.00	1.29	0.00	0.00	4.53	2.1	329.7	0.00	0.42	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	29-May-14 20:00:00	0.23	10.77	18.92	83.84	88.17
29-May-14 21:00:00	29-May-14 22:00:00	0.00	1.92	0.00	0.00	95.59	2.1	329.7	0.00	0.63	0.00	0.00	31.52	0.23	10.35	18.92	83.84	86.68	29-May-14 21:00:00	0.23	10.98	18.92	83.84	118.20
29-May-14 22:00:00	29-May-14 23:00:00	0.00	2.41	0.00	0.00	75.63	2.1	329.7	0.00	0.79	0.00	0.00	24.93	0.23	10.35	18.92	83.84	86.68	29-May-14 22:00:00	0.23	11.14	18.92	83.84	111.61
29-May-14 23:00:00	30-May-14 00:00:00	0.00	1.01	0.00	0.00	23.03	2.1	329.7	0.00	0.33	0.00	0.00	7.59	0.23	10.35	18.92	83.84	86.68	29-May-14 23:00:00	0.23	10.68	18.92	83.84	94.27
30-May-14 00:00:00	30-May-14 01:00:00	0.00	3.31	0.00	0.00	17.44	2.1	329.7	0.00	1.09	0.00	0.00	5.75	0.23	10.35	18.92	83.84	86.68	30-May-14 00:00:00	0.23	11.44	1		

01-Jun-14 03:00:00	01-Jun-14 04:00:00	0.00	699.80	0.00	0.00	36.11	2.1	329.7	0.00	230.72	0.00	0.00	11.91	0.23	10.35	18.92	83.84	86.68	01-Jun-14 03:00:00	0.23	241.07	18.92	83.84	98.59
01-Jun-14 04:00:00	01-Jun-14 05:00:00	0.00	311.15	0.00	0.00	9.70	2.1	329.7	0.00	102.59	0.00	0.00	3.20	0.23	10.35	18.92	83.84	86.68	01-Jun-14 04:00:00	0.23	112.94	18.92	83.84	89.88
01-Jun-14 05:00:00	01-Jun-14 06:00:00	0.00	29.49	0.00	0.00	26.72	2.1	329.7	0.00	9.72	0.00	0.00	8.81	0.23	10.35	18.92	83.84	86.68	01-Jun-14 05:00:00	0.23	20.07	18.92	83.84	95.49
01-Jun-14 06:00:00	01-Jun-14 07:00:00	0.00	0.00	0.00	0.00	57.80	2.1	329.7	0.00	0.00	0.00	0.00	19.06	0.23	10.35	18.92	83.84	86.68	01-Jun-14 06:00:00	0.23	10.35	18.92	83.84	105.74
01-Jun-14 07:00:00	01-Jun-14 08:00:00	0.00	0.00	0.00	0.00	26.70	2.1	329.7	0.00	0.00	0.00	0.00	8.80	0.23	10.35	18.92	83.84	86.68	01-Jun-14 07:00:00	0.23	10.35	18.92	83.84	95.48
01-Jun-14 08:00:00	01-Jun-14 09:00:00	0.00	0.00	0.00	0.00	11.12	2.1	329.7	0.00	0.00	0.00	0.00	3.67	0.23	10.35	18.92	83.84	86.68	01-Jun-14 08:00:00	0.23	10.35	18.92	83.84	96.35
01-Jun-14 09:00:00	01-Jun-14 10:00:00	0.00	0.00	0.00	0.00	31.00	2.1	329.7	0.00	0.00	0.00	0.00	10.92	0.23	10.35	18.92	83.84	86.68	01-Jun-14 09:00:00	0.23	10.35	18.92	83.84	96.90
01-Jun-14 10:00:00	01-Jun-14 11:00:00	0.00	1.08	0.00	0.00	6.78	2.1	329.7	0.00	0.35	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	01-Jun-14 10:00:00	0.23	10.70	18.92	83.84	88.92
01-Jun-14 11:00:00	01-Jun-14 12:00:00	0.00	0.00	0.00	0.00	21.31	2.1	329.7	0.00	0.00	0.00	0.00	7.03	0.23	10.35	18.92	83.84	86.68	01-Jun-14 11:00:00	0.23	10.35	18.92	83.84	93.71
01-Jun-14 12:00:00	01-Jun-14 13:00:00	0.00	0.00	0.00	0.00	4.28	2.1	329.7	0.00	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	01-Jun-14 12:00:00	0.23	10.35	18.92	83.84	88.09
01-Jun-14 13:00:00	01-Jun-14 14:00:00	0.00	0.07	0.00	0.00	40.07	2.1	329.7	0.00	0.02	0.00	0.00	13.21	0.23	10.35	18.92	83.84	86.68	01-Jun-14 13:00:00	0.23	10.37	18.92	83.84	99.89
01-Jun-14 14:00:00	01-Jun-14 15:00:00	0.00	0.00	0.00	0.00	20.40	2.1	329.7	0.00	0.00	0.00	0.00	6.73	0.23	10.35	18.92	83.84	86.68	01-Jun-14 14:00:00	0.23	10.35	18.92	83.84	93.41
01-Jun-14 15:00:00	01-Jun-14 16:00:00	0.00	0.00	0.00	0.00	15.09	2.1	329.7	0.00	0.00	0.00	0.00	4.97	0.23	10.35	18.92	83.84	86.68	01-Jun-14 15:00:00	0.23	10.35	18.92	83.84	91.65
01-Jun-14 16:00:00	01-Jun-14 17:00:00	0.00	0.00	0.00	0.00	15.76	2.1	329.7	0.00	0.00	0.00	0.00	5.19	0.23	10.35	18.92	83.84	86.68	01-Jun-14 16:00:00	0.23	10.35	18.92	83.84	91.87
01-Jun-14 17:00:00	01-Jun-14 18:00:00	0.00	0.00	0.00	0.00	6.69	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	01-Jun-14 17:00:00	0.23	10.35	18.92	83.84	88.89
01-Jun-14 18:00:00	01-Jun-14 19:00:00	0.00	0.00	0.00	0.00	3.97	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	01-Jun-14 18:00:00	0.23	10.35	18.92	83.84	87.99
01-Jun-14 19:00:00	01-Jun-14 20:00:00	0.00	0.00	0.00	0.00	8.25	2.1	329.7	0.00	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	01-Jun-14 19:00:00	0.23	10.35	18.92	83.84	89.40
01-Jun-14 20:00:00	01-Jun-14 21:00:00	0.00	0.00	0.00	0.00	23.62	2.1	329.7	0.00	0.00	0.00	0.00	7.79	0.23	10.35	18.92	83.84	86.68	01-Jun-14 20:00:00	0.23	10.35	18.92	83.84	94.47
01-Jun-14 21:00:00	01-Jun-14 22:00:00	0.00	0.00	0.00	0.00	47.54	2.1	329.7	0.00	0.00	0.00	0.00	15.67	0.23	10.35	18.92	83.84	86.68	01-Jun-14 21:00:00	0.23	10.35	18.92	83.84	102.35
01-Jun-14 22:00:00	01-Jun-14 23:00:00	0.00	0.00	0.00	0.00	4.48	2.1	329.7	0.00	0.00	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	01-Jun-14 22:00:00	0.23	10.35	18.92	83.84	88.16
01-Jun-14 23:00:00	02-Jun-14 00:00:00	0.00	0.00	0.00	0.00	35.69	2.1	329.7	0.00	0.00	0.00	0.00	11.77	0.23	10.35	18.92	83.84	86.68	01-Jun-14 23:00:00	0.23	10.35	18.92	83.84	98.45
02-Jun-14 00:00:00	02-Jun-14 01:00:00	0.00	0.00	0.00	0.00	28.66	2.1	329.7	0.00	0.00	0.00	0.00	9.45	0.23	10.35	18.92	83.84	86.68	02-Jun-14 00:00:00	0.23	10.35	18.92	83.84	96.13
02-Jun-14 01:00:00	02-Jun-14 02:00:00	0.00	0.00	0.00	0.00	5.06	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	02-Jun-14 01:00:00	0.23	10.35	18.92	83.84	88.35
02-Jun-14 02:00:00	02-Jun-14 03:00:00	0.00	0.00	0.00	0.00	43.86	2.1	329.7	0.00	0.00	0.00	0.00	14.46	0.23	10.35	18.92	83.84	86.68	02-Jun-14 02:00:00	0.23	10.35	18.92	83.84	101.14
02-Jun-14 03:00:00	02-Jun-14 04:00:00	0.00	0.00	0.00	0.00	20.42	2.1	329.7	0.00	0.00	0.00	0.00	6.73	0.23	10.35	18.92	83.84	86.68	02-Jun-14 03:00:00	0.23	10.35	18.92	83.84	93.41
02-Jun-14 04:00:00	02-Jun-14 05:00:00	0.00	0.00	0.00	0.00	30.89	2.1	329.7	0.00	0.00	0.00	0.00	10.18	0.23	10.35	18.92	83.84	86.68	02-Jun-14 04:00:00	0.23	10.35	18.92	83.84	96.86
02-Jun-14 05:00:00	02-Jun-14 06:00:00	0.00	0.00	0.00	0.00	10.03	2.1	329.7	0.00	0.00	0.00	0.00	3.31	0.23	10.35	18.92	83.84	86.68	02-Jun-14 05:00:00	0.23	10.35	18.92	83.84	89.99
02-Jun-14 06:00:00	02-Jun-14 07:00:00	0.00	0.00	0.00	0.00	10.26	2.1	329.7	0.00	0.00	0.00	0.00	3.38	0.23	10.35	18.92	83.84	86.68	02-Jun-14 06:00:00	0.23	10.35	18.92	83.84	90.06
02-Jun-14 07:00:00	02-Jun-14 08:00:00	0.00	0.00	0.00	0.00	5.18	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	02-Jun-14 07:00:00	0.23	10.35	18.92	83.84	88.39
02-Jun-14 08:00:00	02-Jun-14 09:00:00	0.00	0.00	0.00	0.00	12.21	2.1	329.7	0.00	0.00	0.00	0.00	4.02	0.23	10.35	18.92	83.84	86.68	02-Jun-14 08:00:00	0.23	10.35	18.92	83.84	90.70
02-Jun-14 09:00:00	02-Jun-14 10:00:00	0.00	0.00	0.00	0.00	8.42	2.1	329.7	0.00	0.00	0.00	0.00	2.78	0.23	10.35	18.92	83.84	86.68	02-Jun-14 09:00:00	0.23	10.35	18.92	83.84	89.46
02-Jun-14 10:00:00	02-Jun-14 11:00:00	0.00	0.00	0.00	0.00	40.61	2.1	329.7	0.00	0.00	0.00	0.00	13.69	0.23	10.35	18.92	83.84	86.68	02-Jun-14 10:00:00	0.23	10.35	18.92	83.84	100.04
02-Jun-14 11:00:00	02-Jun-14 12:00:00	0.00	0.00	0.00	0.00	4.08	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	02-Jun-14 11:00:00	0.23	10.35	18.92	83.84	88.02
02-Jun-14 12:00:00	02-Jun-14 13:00:00	0.00	0.00	0.00	0.00	8.45	2.1	329.7	0.00	0.00	0.00	0.00	2.79	0.23	10.35	18.92	83.84	86.68	02-Jun-14 12:00:00	0.23	10.35	18.92	83.84	89.47
02-Jun-14 13:00:00	02-Jun-14 14:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	02-Jun-14 13:00:00	0.23	10.35	18.92	83.84	88.58
02-Jun-14 14:00:00	02-Jun-14 15:00:00	0.00	0.00	0.00	0.00	3.73	2.1	329.7	0.00	0.00	0.00	0.00	1.23	0.23	10.35	18.92	83.84	86.68	02-Jun-14 14:00:00	0.23	10.35	18.92	83.84	87.91
02-Jun-14 15:00:00	02-Jun-14 16:00:00	0.00	0.00	0.00	0.00	12.13	2.1	329.7	0.00	0.00	0.00	0.00	4.00	0.23	10.35	18.92	83.84	86.68	02-Jun-14 15:00:00	0.23	10.35	18.92	83.84	90.68
02-Jun-14 16:00:00	02-Jun-14 17:00:00	0.00	0.00	0.00	0.00	3.59	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	02-Jun-14 16:00:00	0.23	10.35	18.92	83.84	87.87
02-Jun-14 17:00:00	02-Jun-14 18:00:00	0.00	0.00	0.00	0.00	20.43	2.1	329.7	0.00	0.00	0.00	0.00	6.74	0.23	10.35	18.92	83.84	86.68	02-Jun-14 17:00:00	0.23	10.35	18.92	83.84	93.42
02-Jun-14 18:00:00	02-Jun-14 19:00:00	0.00	0.00	0.00	0.00	3.50	2.1	329.7	0.00	0.00	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	02-Jun-14 18:00:00	0.23	10.35	18.92	83.84	87.84
02-Jun-14 19:00:00	02-Jun-14 20:00:00	0.00	0.00	0.00	0.00	3.53	2.1	329.7	0.00	0.00	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	02-Jun-14 19:00:00	0.23	10.35	18.92	83.84	87.84
02-Jun-14 20:00:00	02-Jun-14 21:00:00	0.00	0.00	0.00	0.00	59.72	2.1	329.7	0.00	0.00	0.00	0.00	19.69	0.23	10.35	18.92	83.84	86.68	02-Jun-14 20:00:00	0.23	10.35	18.92	83.84	106.37
02-Jun-14 21:00:00	02-Jun-14 22:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	02-Jun-14 21:00:00	0.23	10.35	18.92	83.84	88.60
02-Jun-14 22:00:00	02-Jun-14 23:00:00	0.00	0.00	0.00	0.00	23.30	2.1	329.7	0.00	0.00	0.00	0.00	7.68	0.23	10.35	18.92	83.84	86.68	02-Jun-14 22:00:00	0.23	10.35	18.92	83.84	94.36
02-Jun-14 23:00:00	03-Jun-14 00:00:00	0.00	0.00	0.00	0.00	4.37	2.1	329.7																

04-Jun-14 22:00:00	04-Jun-14 23:00:00	0.00	0.00	0.00	0.00	42.57	2.1	329.7	0.00	0.00	0.00	0.00	14.03	0.23	10.35	18.92	83.84	86.68	04-Jun-14 22:00:00	0.23	10.35	18.92	83.84	100.71
04-Jun-14 23:00:00	05-Jun-14 00:00:00	0.00	0.00	0.00	0.00	3.81	2.1	329.7	0.00	0.00	0.00	0.00	1.26	0.23	10.35	18.92	83.84	86.68	04-Jun-14 23:00:00	0.23	10.35	18.92	83.84	87.94
05-Jun-14 00:00:00	05-Jun-14 01:00:00	0.00	0.00	0.00	0.00	27.59	2.1	329.7	0.00	0.00	0.00	0.00	9.10	0.23	10.35	18.92	83.84	86.68	05-Jun-14 00:00:00	0.23	10.35	18.92	83.84	95.78
05-Jun-14 01:00:00	05-Jun-14 02:00:00	0.00	0.00	0.00	0.00	10.11	2.1	329.7	0.00	0.00	0.00	0.00	3.33	0.23	10.35	18.92	83.84	86.68	05-Jun-14 01:00:00	0.23	10.35	18.92	83.84	90.01
05-Jun-14 02:00:00	05-Jun-14 03:00:00	0.00	0.00	0.00	0.00	17.12	2.1	329.7	0.00	0.00	0.00	0.00	5.64	0.23	10.35	18.92	83.84	86.68	05-Jun-14 02:00:00	0.23	10.35	18.92	83.84	92.52
05-Jun-14 03:00:00	05-Jun-14 04:00:00	0.00	0.00	0.00	0.00	4.62	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	05-Jun-14 03:00:00	0.23	10.35	18.92	83.84	89.20
05-Jun-14 04:00:00	05-Jun-14 05:00:00	0.00	0.00	0.00	0.00	4.32	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	05-Jun-14 04:00:00	0.23	10.35	18.92	83.84	89.24
05-Jun-14 05:00:00	05-Jun-14 06:00:00	0.00	0.00	0.00	0.00	83.66	2.1	329.7	0.00	0.00	0.00	0.00	27.58	0.23	10.35	18.92	83.84	86.68	05-Jun-14 05:00:00	0.23	10.35	18.92	83.84	114.26
05-Jun-14 06:00:00	05-Jun-14 07:00:00	0.00	0.00	0.00	0.00	69.23	2.1	329.7	0.00	0.00	0.00	0.00	22.83	0.23	10.35	18.92	83.84	86.68	05-Jun-14 06:00:00	0.23	10.35	18.92	83.84	109.51
05-Jun-14 07:00:00	05-Jun-14 08:00:00	0.00	0.00	0.00	0.00	9.13	2.1	329.7	0.00	0.00	0.00	0.00	3.01	0.23	10.35	18.92	83.84	86.68	05-Jun-14 07:00:00	0.23	10.35	18.92	83.84	89.69
05-Jun-14 08:00:00	05-Jun-14 09:00:00	0.00	0.00	0.00	0.00	4.42	2.1	329.7	0.00	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	05-Jun-14 08:00:00	0.23	10.35	18.92	83.84	88.14
05-Jun-14 09:00:00	05-Jun-14 10:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	05-Jun-14 09:00:00	0.23	10.35	18.92	83.84	88.57
05-Jun-14 10:00:00	05-Jun-14 11:00:00	0.00	0.00	0.00	0.00	4.76	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	05-Jun-14 10:00:00	0.23	10.35	18.92	83.84	88.25
05-Jun-14 11:00:00	05-Jun-14 12:00:00	0.00	0.07	0.00	0.00	56.92	2.1	329.7	0.00	0.02	0.00	0.00	18.77	0.23	10.35	18.92	83.84	86.68	05-Jun-14 11:00:00	0.23	10.37	18.92	83.84	105.45
05-Jun-14 12:00:00	05-Jun-14 13:00:00	0.00	0.62	0.00	0.00	24.65	2.1	329.7	0.00	0.20	0.00	0.00	8.13	0.23	10.35	18.92	83.84	86.68	05-Jun-14 12:00:00	0.23	10.55	18.92	83.84	94.81
05-Jun-14 13:00:00	05-Jun-14 14:00:00	0.00	0.18	0.00	0.00	38.20	2.1	329.7	0.00	0.06	0.00	0.00	12.60	0.23	10.35	18.92	83.84	86.68	05-Jun-14 13:00:00	0.23	10.41	18.92	83.84	99.28
05-Jun-14 14:00:00	05-Jun-14 15:00:00	0.00	0.00	0.00	0.00	5.01	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	05-Jun-14 14:00:00	0.23	10.35	18.92	83.84	88.33
05-Jun-14 15:00:00	05-Jun-14 16:00:00	0.00	0.09	0.00	0.00	18.01	2.1	329.7	0.00	0.03	0.00	0.00	5.94	0.23	10.35	18.92	83.84	86.68	05-Jun-14 15:00:00	0.23	10.38	18.92	83.84	92.62
05-Jun-14 16:00:00	05-Jun-14 17:00:00	0.00	0.00	0.00	0.00	3.51	2.1	329.7	0.00	0.00	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	05-Jun-14 16:00:00	0.23	10.35	18.92	83.84	87.84
05-Jun-14 17:00:00	05-Jun-14 18:00:00	0.00	0.00	0.00	0.00	31.53	2.1	329.7	0.00	0.00	0.00	0.00	10.40	0.23	10.35	18.92	83.84	86.68	05-Jun-14 17:00:00	0.23	10.35	18.92	83.84	97.08
05-Jun-14 18:00:00	05-Jun-14 19:00:00	0.00	0.00	0.00	0.00	37.20	2.1	329.7	0.00	0.00	0.00	0.00	12.26	0.23	10.35	18.92	83.84	86.68	05-Jun-14 18:00:00	0.23	10.35	18.92	83.84	98.94
05-Jun-14 19:00:00	05-Jun-14 20:00:00	0.00	0.00	0.00	0.00	6.03	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	05-Jun-14 19:00:00	0.23	10.35	18.92	83.84	88.67
05-Jun-14 20:00:00	05-Jun-14 21:00:00	0.00	0.08	0.00	0.00	59.58	2.1	329.7	0.00	0.03	0.00	0.00	13.05	0.23	10.35	18.92	83.84	86.68	05-Jun-14 20:00:00	0.23	10.38	18.92	83.84	99.73
05-Jun-14 21:00:00	05-Jun-14 22:00:00	0.00	0.00	0.00	0.00	20.18	2.1	329.7	0.00	0.00	0.00	0.00	6.65	0.23	10.35	18.92	83.84	86.68	05-Jun-14 21:00:00	0.23	10.35	18.92	83.84	93.33
05-Jun-14 22:00:00	05-Jun-14 23:00:00	0.00	0.00	0.00	0.00	39.30	2.1	329.7	0.00	0.00	0.00	0.00	12.96	0.23	10.35	18.92	83.84	86.68	05-Jun-14 22:00:00	0.23	10.35	18.92	83.84	99.64
05-Jun-14 23:00:00	06-Jun-14 00:00:00	0.00	0.00	0.00	0.00	8.72	2.1	329.7	0.00	0.00	0.00	0.00	2.88	0.23	10.35	18.92	83.84	86.68	05-Jun-14 23:00:00	0.23	10.35	18.92	83.84	89.56
06-Jun-14 00:00:00	06-Jun-14 01:00:00	0.00	0.00	0.00	0.00	34.06	2.1	329.7	0.00	0.00	0.00	0.00	11.23	0.23	10.35	18.92	83.84	86.68	06-Jun-14 00:00:00	0.23	10.35	18.92	83.84	97.91
06-Jun-14 01:00:00	06-Jun-14 02:00:00	0.00	0.00	0.00	0.00	17.54	2.1	329.7	0.00	0.00	0.00	0.00	5.78	0.23	10.35	18.92	83.84	86.68	06-Jun-14 01:00:00	0.23	10.35	18.92	83.84	92.46
06-Jun-14 02:00:00	06-Jun-14 03:00:00	0.00	0.00	0.00	0.00	20.85	2.1	329.7	0.00	0.00	0.00	0.00	6.87	0.23	10.35	18.92	83.84	86.68	06-Jun-14 02:00:00	0.23	10.35	18.92	83.84	93.55
06-Jun-14 03:00:00	06-Jun-14 04:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	06-Jun-14 03:00:00	0.23	10.35	18.92	83.84	88.61
06-Jun-14 04:00:00	06-Jun-14 05:00:00	0.00	0.00	0.00	0.00	6.96	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	06-Jun-14 04:00:00	0.23	10.35	18.92	83.84	88.97
06-Jun-14 05:00:00	06-Jun-14 06:00:00	0.00	0.00	0.00	0.00	55.01	2.1	329.7	0.00	0.08	0.00	0.00	18.14	0.23	10.35	18.92	83.84	86.68	06-Jun-14 05:00:00	0.23	10.35	18.92	83.84	109.82
06-Jun-14 06:00:00	06-Jun-14 07:00:00	0.00	0.68	0.00	0.00	20.12	2.1	329.7	0.00	0.22	0.00	0.00	6.63	0.23	10.35	18.92	83.84	86.68	06-Jun-14 06:00:00	0.23	10.57	18.92	83.84	93.31
06-Jun-14 07:00:00	06-Jun-14 08:00:00	0.00	0.00	0.00	0.00	79.27	2.1	329.7	0.00	0.00	0.00	0.00	26.13	0.23	10.35	18.92	83.84	86.68	06-Jun-14 07:00:00	0.23	10.35	18.92	83.84	112.81
06-Jun-14 08:00:00	06-Jun-14 09:00:00	0.00	0.00	0.00	0.00	75.87	2.1	329.7	0.00	0.00	0.00	0.00	25.01	0.23	10.35	18.92	83.84	86.68	06-Jun-14 08:00:00	0.23	10.35	18.92	83.84	111.69
06-Jun-14 09:00:00	06-Jun-14 10:00:00	0.00	0.00	266.02	0.00	6.92	2.1	329.7	0.00	0.00	87.71	0.00	2.28	0.23	10.35	18.92	83.84	86.68	06-Jun-14 09:00:00	0.23	10.35	106.63	83.84	88.96
06-Jun-14 10:00:00	06-Jun-14 11:00:00	0.00	0.00	0.00	0.00	8.13	2.1	329.7	0.00	0.00	0.00	0.00	2.68	0.23	10.35	18.92	83.84	86.68	06-Jun-14 10:00:00	0.23	10.35	18.92	83.84	89.36
06-Jun-14 11:00:00	06-Jun-14 12:00:00	0.00	0.00	0.00	0.00	21.72	2.1	329.7	0.00	0.00	0.00	0.00	7.16	0.23	10.35	18.92	83.84	86.68	06-Jun-14 11:00:00	0.23	10.35	18.92	83.84	93.84
06-Jun-14 12:00:00	06-Jun-14 13:00:00	0.00	0.05	0.00	0.00	14.01	2.1	329.7	0.00	0.02	0.00	0.00	4.62	0.23	10.35	18.92	83.84	86.68	06-Jun-14 12:00:00	0.23	10.37	18.92	83.84	91.30
06-Jun-14 13:00:00	06-Jun-14 14:00:00	0.00	0.00	0.00	0.00	44.89	2.1	329.7	0.00	0.00	0.00	0.00	14.80	0.23	10.35	18.92	83.84	86.68	06-Jun-14 13:00:00	0.23	10.35	18.92	83.84	101.48
06-Jun-14 14:00:00	06-Jun-14 15:00:00	0.00	0.00	0.00	0.00	68.68	2.1	329.7	0.00	0.00	0.00	0.00	22.64	0.23	10.35	18.92	83.84	86.68	06-Jun-14 14:00:00	0				

08-Jun-14 17:00:00	08-Jun-14 18:00:00	0.00	0.00	1,789.07	0.00	4.35	2.1	329.7	0.00	0.00	589.86	0.00	1.43	0.23	10.35	18.92	83.84	86.68	08-Jun-14 17:00:00	0.23	10.35	608.78	83.84	88.11
08-Jun-14 18:00:00	08-Jun-14 19:00:00	0.00	0.00	1,788.16	0.00	48.39	2.1	329.7	0.00	0.00	589.56	0.00	15.96	0.23	10.35	18.92	83.84	86.68	08-Jun-14 18:00:00	0.23	10.35	608.48	83.84	102.64
08-Jun-14 19:00:00	08-Jun-14 20:00:00	0.39	0.00	1,788.93	0.00	13.38	2.1	329.7	0.13	0.00	589.81	0.00	4.41	0.23	10.35	18.92	83.84	86.68	08-Jun-14 19:00:00	0.36	10.35	608.73	83.84	91.09
08-Jun-14 20:00:00	08-Jun-14 21:00:00	0.00	0.00	1,789.66	0.00	26.79	2.1	329.7	0.00	0.00	590.05	0.00	8.83	0.23	10.35	18.92	83.84	86.68	08-Jun-14 20:00:00	0.23	10.35	608.97	83.84	95.51
08-Jun-14 21:00:00	08-Jun-14 22:00:00	0.00	0.00	1,789.75	0.00	4.61	2.1	329.7	0.00	0.00	590.08	0.00	1.52	0.23	10.35	18.92	83.84	86.68	08-Jun-14 21:00:00	0.23	10.35	609.00	83.84	88.20
08-Jun-14 22:00:00	08-Jun-14 23:00:00	0.00	0.00	1,791.08	0.00	28.08	2.1	329.7	0.00	0.00	590.52	0.00	9.26	0.23	10.35	18.92	83.84	86.68	08-Jun-14 22:00:00	0.23	10.35	609.44	83.84	95.94
08-Jun-14 23:00:00	09-Jun-14 00:00:00	0.06	0.00	1,790.72	0.00	4.73	2.1	329.7	0.00	0.00	590.40	0.00	4.86	0.23	10.35	18.92	83.84	86.68	08-Jun-14 23:00:00	0.25	10.35	609.32	83.84	91.54
09-Jun-14 00:00:00	09-Jun-14 01:00:00	0.00	0.00	1,790.48	0.00	40.24	2.1	329.7	0.00	0.00	590.32	0.00	13.27	0.23	10.35	18.92	83.84	86.68	09-Jun-14 00:00:00	0.23	10.35	609.24	83.84	99.95
09-Jun-14 01:00:00	09-Jun-14 02:00:00	0.00	0.00	1,790.70	0.00	69.58	2.1	329.7	0.00	0.00	590.39	0.00	22.94	0.23	10.35	18.92	83.84	86.68	09-Jun-14 01:00:00	0.23	10.35	609.31	83.84	109.62
09-Jun-14 02:00:00	09-Jun-14 03:00:00	0.00	0.00	1,791.24	0.00	16.31	2.1	329.7	0.00	0.00	590.57	0.00	5.38	0.23	10.35	18.92	83.84	86.68	09-Jun-14 02:00:00	0.23	10.35	609.49	83.84	92.06
09-Jun-14 03:00:00	09-Jun-14 04:00:00	0.00	0.00	1,790.33	0.00	4.79	2.1	329.7	0.00	0.00	590.27	0.00	1.58	0.23	10.35	18.92	83.84	86.68	09-Jun-14 03:00:00	0.23	10.35	609.19	83.84	88.26
09-Jun-14 04:00:00	09-Jun-14 05:00:00	0.00	0.00	1,792.13	0.00	35.57	2.1	329.7	0.00	0.00	590.87	0.00	11.73	0.23	10.35	18.92	83.84	86.68	09-Jun-14 04:00:00	0.23	10.35	609.79	83.84	98.41
09-Jun-14 05:00:00	09-Jun-14 06:00:00	0.00	0.00	1,789.78	0.00	31.95	2.1	329.7	0.00	0.00	590.09	0.00	10.53	0.23	10.35	18.92	83.84	86.68	09-Jun-14 05:00:00	0.23	10.35	609.01	83.84	97.21
09-Jun-14 06:00:00	09-Jun-14 07:00:00	0.00	0.00	1,790.12	0.00	7.17	2.1	329.7	0.00	0.00	590.20	0.00	2.36	0.23	10.35	18.92	83.84	86.68	09-Jun-14 06:00:00	0.23	10.35	609.12	83.84	89.04
09-Jun-14 07:00:00	09-Jun-14 08:00:00	0.00	0.00	1,788.93	0.00	16.55	2.1	329.7	0.00	0.00	589.81	0.00	5.46	0.23	10.35	18.92	83.84	86.68	09-Jun-14 07:00:00	0.23	10.35	608.73	83.84	92.14
09-Jun-14 08:00:00	09-Jun-14 09:00:00	0.00	0.00	1,788.17	0.00	4.12	2.1	329.7	0.00	0.00	589.56	0.00	1.36	0.23	10.35	18.92	83.84	86.68	09-Jun-14 08:00:00	0.23	10.35	608.48	83.84	88.04
09-Jun-14 09:00:00	09-Jun-14 10:00:00	0.00	0.00	1,789.55	0.00	39.46	2.1	329.7	0.00	0.00	590.02	0.00	13.01	0.23	10.35	18.92	83.84	86.68	09-Jun-14 09:00:00	0.23	10.35	608.94	83.84	99.69
09-Jun-14 10:00:00	09-Jun-14 11:00:00	0.00	0.00	1,791.32	0.00	3.95	2.1	329.7	0.00	0.00	590.60	0.00	1.30	0.23	10.35	18.92	83.84	86.68	09-Jun-14 10:00:00	0.23	10.35	609.52	83.84	87.98
09-Jun-14 11:00:00	09-Jun-14 12:00:00	0.00	0.00	1,791.18	0.00	18.34	2.1	329.7	0.00	0.00	590.55	0.00	6.05	0.23	10.35	18.92	83.84	86.68	09-Jun-14 11:00:00	0.23	10.35	609.47	83.84	92.73
09-Jun-14 12:00:00	09-Jun-14 13:00:00	0.00	0.00	1,793.34	0.00	39.95	2.1	329.7	0.00	0.00	591.26	0.00	13.17	0.23	10.35	18.92	83.84	86.68	09-Jun-14 12:00:00	0.23	10.35	610.18	83.84	99.85
09-Jun-14 13:00:00	09-Jun-14 14:00:00	0.00	0.00	1,791.80	0.00	6.50	2.1	329.7	0.00	0.00	590.76	0.00	2.14	0.23	10.35	18.92	83.84	86.68	09-Jun-14 13:00:00	0.23	10.35	609.68	83.84	88.82
09-Jun-14 14:00:00	09-Jun-14 15:00:00	0.00	0.00	1,793.84	0.00	104.48	2.1	329.7	0.00	0.00	591.43	0.00	34.45	0.23	10.35	18.92	83.84	86.68	09-Jun-14 14:00:00	0.23	10.35	610.35	83.84	121.13
09-Jun-14 15:00:00	09-Jun-14 16:00:00	0.00	0.00	1,793.02	0.00	3.34	2.1	329.7	0.00	0.00	591.16	0.00	1.10	0.23	10.35	18.92	83.84	86.68	09-Jun-14 15:00:00	0.23	10.35	610.08	83.84	87.78
09-Jun-14 16:00:00	09-Jun-14 17:00:00	0.00	0.00	1,795.24	0.00	3.22	2.1	329.7	0.00	0.00	591.89	0.00	1.06	0.23	10.35	18.92	83.84	86.68	09-Jun-14 16:00:00	0.23	10.35	610.81	83.84	87.74
09-Jun-14 17:00:00	09-Jun-14 18:00:00	0.00	0.00	1,793.38	0.00	3.11	2.1	329.7	0.00	0.00	591.28	0.00	1.02	0.23	10.35	18.92	83.84	86.68	09-Jun-14 17:00:00	0.23	10.35	610.20	83.84	87.70
09-Jun-14 18:00:00	09-Jun-14 19:00:00	0.00	0.00	1,794.39	0.00	41.55	2.1	329.7	0.00	0.00	591.61	0.00	13.70	0.23	10.35	18.92	83.84	86.68	09-Jun-14 18:00:00	0.23	10.35	610.53	83.84	100.38
09-Jun-14 19:00:00	09-Jun-14 20:00:00	0.00	0.00	1,792.57	0.00	3.45	2.1	329.7	0.00	0.00	591.01	0.00	1.14	0.23	10.35	18.92	83.84	86.68	09-Jun-14 19:00:00	0.23	10.35	609.93	83.84	87.82
09-Jun-14 20:00:00	09-Jun-14 21:00:00	0.00	0.00	1,791.27	0.00	60.80	2.1	329.7	0.00	0.00	590.58	0.00	20.05	0.23	10.35	18.92	83.84	86.68	09-Jun-14 20:00:00	0.23	10.35	609.50	83.84	106.73
09-Jun-14 21:00:00	09-Jun-14 22:00:00	0.00	0.00	1,792.66	0.00	4.25	2.1	329.7	0.00	0.00	591.04	0.00	1.40	0.23	10.35	18.92	83.84	86.68	09-Jun-14 21:00:00	0.23	10.35	609.96	83.84	88.08
09-Jun-14 22:00:00	09-Jun-14 23:00:00	0.00	0.00	1,790.66	0.00	40.95	2.1	329.7	0.00	0.00	590.38	0.00	13.50	0.23	10.35	18.92	83.84	86.68	09-Jun-14 22:00:00	0.23	10.35	609.30	83.84	100.18
09-Jun-14 23:00:00	10-Jun-14 00:00:00	0.00	0.00	1,790.58	0.00	18.07	2.1	329.7	0.00	0.00	590.35	0.00	5.96	0.23	10.35	18.92	83.84	86.68	09-Jun-14 23:00:00	0.23	10.35	609.27	83.84	92.64
10-Jun-14 00:00:00	10-Jun-14 01:00:00	0.00	0.00	1,792.09	0.00	69.14	2.1	329.7	0.00	0.00	590.20	0.00	23.00	0.23	10.35	18.92	83.84	86.68	10-Jun-14 00:00:00	0.23	10.35	610.60	83.84	109.48
10-Jun-14 01:00:00	10-Jun-14 02:00:00	0.00	0.00	1,791.48	0.00	12.08	2.1	329.7	0.00	0.00	590.65	0.00	3.98	0.23	10.35	18.92	83.84	86.68	10-Jun-14 01:00:00	0.23	10.35	609.57	83.84	90.66
10-Jun-14 02:00:00	10-Jun-14 03:00:00	0.00	0.00	1,791.67	0.00	16.18	2.1	329.7	0.00	0.00	590.71	0.00	5.34	0.23	10.35	18.92	83.84	86.68	10-Jun-14 02:00:00	0.23	10.35	609.63	83.84	92.02
10-Jun-14 03:00:00	10-Jun-14 04:00:00	0.00	0.00	1,790.38	0.00	4.38	2.1	329.7	0.00	0.00	590.29	0.00	1.44	0.23	10.35	18.92	83.84	86.68	10-Jun-14 03:00:00	0.23	10.35	609.21	83.84	88.12
10-Jun-14 04:00:00	10-Jun-14 05:00:00	0.00	0.00	1,791.15	0.00	40.26	2.1	329.7	0.00	0.00	590.54	0.00	13.28	0.23	10.35	18.92	83.84	86.68	10-Jun-14 04:00:00	0.23	10.35	609.46	83.84	99.96
10-Jun-14 05:00:00	10-Jun-14 06:00:00	0.00	0.00	1,791.87	0.00	20.53	2.1	329.7	0.00	0.00	590.78	0.00	6.77	0.23	10.35	18.92	83.84	86.68	10-Jun-14 05:00:00	0.23	10.35	609.70	83.84	93.45
10-Jun-14 06:00:00	10-Jun-14 07:00:00	0.00	0.00	1,792.72	0.00	7.71	2.1	329.7	0.00	0.00	591.06	0.00	2.54	0.23	10.35	18.92	83.84	86.68	10-Jun-14 06:00:00	0.23	10.35	609.98	83.84	89.22
10-Jun-14 07:00:00	10-Jun-14 08:00:00	0.00	0.00	1,790.90	0.00	21.45	2.1	329.7	0.00	0.00	590.46	0.00	7.07	0.23	10.35	18.92	83.84	86.68	10-Jun-14 07:00:00	0.23	10.35	609.38	83.84	93.75
10-Jun-14 08:00:00	10-Jun-14 09:00:00	0.00	0.00	1,765.25	0.00	25.54	2.1	329.7	0.00	0.00	582.00	0.00	8.42	0.23	10.35	18.92	83.84	86.68	10-Jun-14 08:00:00	0.23	10.35	609.92		

12-Jun-14 12:00:00	12-Jun-14 13:00:00	0.00	0.00	0.00	0.00	4.25	2.1	329.7	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	12-Jun-14 12:00:00	0.23	10.35	18.92	83.84	88.08
12-Jun-14 13:00:00	12-Jun-14 14:00:00	0.00	0.00	0.00	0.00	17.51	2.1	329.7	0.00	0.00	0.00	5.77	0.23	10.35	18.92	83.84	86.68	12-Jun-14 13:00:00	0.23	10.35	18.92	83.84	92.45
12-Jun-14 14:00:00	12-Jun-14 15:00:00	0.00	0.00	0.00	0.00	19.05	2.1	329.7	0.00	0.00	0.00	6.28	0.23	10.35	18.92	83.84	86.68	12-Jun-14 14:00:00	0.23	10.35	18.92	83.84	92.96
12-Jun-14 15:00:00	12-Jun-14 16:00:00	0.00	0.00	0.00	0.00	3.57	2.1	329.7	0.00	0.00	0.00	1.18	0.23	10.35	18.92	83.84	86.68	12-Jun-14 15:00:00	0.23	10.35	18.92	83.84	87.86
12-Jun-14 16:00:00	12-Jun-14 17:00:00	0.00	0.00	0.00	0.00	12.22	2.1	329.7	0.00	0.00	0.00	4.03	0.23	10.35	18.92	83.84	86.68	12-Jun-14 16:00:00	0.23	10.35	18.92	83.84	90.71
12-Jun-14 17:00:00	12-Jun-14 18:00:00	0.00	0.00	0.00	0.00	10.97	2.1	329.7	0.00	0.00	0.00	3.62	0.23	10.35	18.92	83.84	86.68	12-Jun-14 17:00:00	0.23	10.35	18.92	83.84	90.30
12-Jun-14 18:00:00	12-Jun-14 19:00:00	0.00	0.00	0.00	0.00	4.39	2.1	329.7	0.00	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	12-Jun-14 18:00:00	0.23	10.35	18.92	83.84	87.97
12-Jun-14 19:00:00	12-Jun-14 20:00:00	0.00	0.00	0.00	0.00	18.86	2.1	329.7	0.00	0.00	0.00	6.22	0.23	10.35	18.92	83.84	86.68	12-Jun-14 19:00:00	0.23	10.35	18.92	83.84	92.90
12-Jun-14 20:00:00	12-Jun-14 21:00:00	0.00	0.00	0.00	0.00	13.65	2.1	329.7	0.00	0.00	0.00	4.50	0.23	10.35	18.92	83.84	86.68	12-Jun-14 20:00:00	0.23	10.35	18.92	83.84	91.18
12-Jun-14 21:00:00	12-Jun-14 22:00:00	0.00	0.00	0.00	0.00	4.86	2.1	329.7	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	12-Jun-14 21:00:00	0.23	10.35	18.92	83.84	88.28
12-Jun-14 22:00:00	12-Jun-14 23:00:00	0.00	0.00	0.00	0.00	28.79	2.1	329.7	0.00	0.00	0.00	9.49	0.23	10.35	18.92	83.84	86.68	12-Jun-14 22:00:00	0.23	10.35	18.92	83.84	96.17
12-Jun-14 23:00:00	13-Jun-14 00:00:00	0.00	0.00	0.00	0.00	4.40	2.1	329.7	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	12-Jun-14 23:00:00	0.23	10.35	18.92	83.84	88.13
13-Jun-14 00:00:00	13-Jun-14 01:00:00	0.00	0.00	0.00	0.00	4.37	2.1	329.7	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	13-Jun-14 00:00:00	0.23	10.35	18.92	83.84	88.12
13-Jun-14 01:00:00	13-Jun-14 02:00:00	0.00	0.00	0.00	0.00	14.99	2.1	329.7	0.00	0.00	0.00	4.94	0.23	10.35	18.92	83.84	86.68	13-Jun-14 01:00:00	0.23	10.35	18.92	83.84	91.62
13-Jun-14 02:00:00	13-Jun-14 03:00:00	0.00	2.67	0.00	0.00	117.07	2.1	329.7	0.00	0.88	0.00	38.60	0.23	10.35	18.92	83.84	86.68	13-Jun-14 02:00:00	0.23	11.23	18.92	83.84	125.28
13-Jun-14 03:00:00	13-Jun-14 04:00:00	0.00	3.72	0.00	0.00	6.08	2.1	329.7	0.00	1.23	0.00	2.01	0.23	10.35	18.92	83.84	86.68	13-Jun-14 03:00:00	0.23	11.58	18.92	83.84	88.69
13-Jun-14 04:00:00	13-Jun-14 05:00:00	0.00	1.32	0.00	0.00	146.02	2.1	329.7	0.00	0.44	0.00	48.14	0.23	10.35	18.92	83.84	86.68	13-Jun-14 04:00:00	0.23	10.79	18.92	83.84	134.82
13-Jun-14 05:00:00	13-Jun-14 06:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	13-Jun-14 05:00:00	0.23	10.35	18.92	83.84	88.94
13-Jun-14 06:00:00	13-Jun-14 07:00:00	0.00	0.00	0.00	0.00	96.82	2.1	329.7	0.00	0.00	0.00	31.92	0.23	10.35	18.92	83.84	86.68	13-Jun-14 06:00:00	0.23	10.35	18.92	83.84	118.60
13-Jun-14 07:00:00	13-Jun-14 08:00:00	0.00	0.00	0.00	0.00	4.95	2.1	329.7	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	13-Jun-14 07:00:00	0.23	10.35	18.92	83.84	88.31
13-Jun-14 08:00:00	13-Jun-14 09:00:00	0.00	0.00	0.00	0.00	26.86	2.1	329.7	0.00	0.00	0.00	8.85	0.23	10.35	18.92	83.84	86.68	13-Jun-14 08:00:00	0.23	10.35	18.92	83.84	95.53
13-Jun-14 09:00:00	13-Jun-14 10:00:00	0.00	0.00	0.00	0.00	65.32	2.1	329.7	0.00	0.00	0.00	21.54	0.23	10.35	18.92	83.84	86.68	13-Jun-14 09:00:00	0.23	10.35	18.92	83.84	108.22
13-Jun-14 10:00:00	13-Jun-14 11:00:00	0.00	0.00	0.00	0.00	4.42	2.1	329.7	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	13-Jun-14 10:00:00	0.23	10.35	18.92	83.84	88.14
13-Jun-14 11:00:00	13-Jun-14 12:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	13-Jun-14 11:00:00	0.23	10.35	18.92	83.84	88.11
13-Jun-14 12:00:00	13-Jun-14 13:00:00	0.00	23.69	0.00	0.00	14.33	2.1	329.7	0.00	7.81	0.00	4.72	0.23	10.35	18.92	83.84	86.68	13-Jun-14 12:00:00	0.23	18.16	18.92	83.84	91.40
13-Jun-14 13:00:00	13-Jun-14 14:00:00	0.00	6.37	0.00	0.00	4.55	2.1	329.7	0.00	2.10	0.00	1.50	0.23	10.35	18.92	83.84	86.68	13-Jun-14 13:00:00	0.23	12.45	18.92	83.84	88.18
13-Jun-14 14:00:00	13-Jun-14 15:00:00	0.00	0.00	0.00	0.00	4.10	2.1	329.7	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	13-Jun-14 14:00:00	0.23	10.35	18.92	83.84	88.03
13-Jun-14 15:00:00	13-Jun-14 16:00:00	0.00	0.00	0.00	0.00	33.68	2.1	329.7	0.00	0.00	0.00	11.10	0.23	10.35	18.92	83.84	86.68	13-Jun-14 15:00:00	0.23	10.35	18.92	83.84	97.78
13-Jun-14 16:00:00	13-Jun-14 17:00:00	0.00	0.00	0.00	0.00	3.71	2.1	329.7	0.00	0.00	0.00	1.22	0.23	10.35	18.92	83.84	86.68	13-Jun-14 16:00:00	0.23	10.35	18.92	83.84	87.90
13-Jun-14 17:00:00	13-Jun-14 18:00:00	0.00	0.00	0.00	0.00	62.80	2.1	329.7	0.00	0.00	0.00	20.71	0.23	10.35	18.92	83.84	86.68	13-Jun-14 17:00:00	0.23	10.35	18.92	83.84	107.39
13-Jun-14 18:00:00	13-Jun-14 19:00:00	0.00	0.00	0.00	0.00	18.55	2.1	329.7	0.00	0.00	0.00	6.12	0.23	10.35	18.92	83.84	86.68	13-Jun-14 18:00:00	0.23	10.35	18.92	83.84	92.80
13-Jun-14 19:00:00	13-Jun-14 20:00:00	0.00	0.00	0.00	0.00	13.56	2.1	329.7	0.00	0.00	0.00	4.47	0.23	10.35	18.92	83.84	86.68	13-Jun-14 19:00:00	0.23	10.35	18.92	83.84	90.92
13-Jun-14 20:00:00	13-Jun-14 21:00:00	0.00	0.00	0.00	0.00	18.41	2.1	329.7	0.00	0.00	0.00	6.07	0.23	10.35	18.92	83.84	86.68	13-Jun-14 20:00:00	0.23	10.35	18.92	83.84	92.75
13-Jun-14 21:00:00	13-Jun-14 22:00:00	0.00	0.00	0.00	0.00	8.13	2.1	329.7	0.00	0.00	0.00	3.01	0.23	10.35	18.92	83.84	86.68	13-Jun-14 21:00:00	0.23	10.35	18.92	83.84	89.69
13-Jun-14 22:00:00	13-Jun-14 23:00:00	0.00	0.00	0.00	0.00	39.52	2.1	329.7	0.00	0.00	0.00	13.03	0.23	10.35	18.92	83.84	86.68	13-Jun-14 22:00:00	0.23	10.35	18.92	83.84	99.71
13-Jun-14 23:00:00	14-Jun-14 00:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	13-Jun-14 23:00:00	0.23	10.35	18.92	83.84	88.47
14-Jun-14 00:00:00	14-Jun-14 01:00:00	0.00	0.00	0.00	0.00	11.10	2.1	329.7	0.00	0.00	0.00	3.66	0.23	10.35	18.92	83.84	86.68	14-Jun-14 00:00:00	0.23	10.35	18.92	83.84	90.34
14-Jun-14 01:00:00	14-Jun-14 02:00:00	0.00	0.00	0.00	0.00	42.82	2.1	329.7	0.00	0.00	0.00	14.12	0.23	10.35	18.92	83.84	86.68	14-Jun-14 01:00:00	0.23	10.35	18.92	83.84	100.80
14-Jun-14 02:00:00	14-Jun-14 03:00:00	0.00	0.00	0.00	0.00	21.66	2.1	329.7	0.00	0.00	0.00	7.14	0.23	10.35	18.92	83.84	86.68	14-Jun-14 02:00:00	0.23	10.35	18.92	83.84	93.82
14-Jun-14 03:00:00	14-Jun-14 04:00:00	0.00	0.00	0.00	0.00	20.53	2.1	329.7	0.00	0.00	0.00	6.77	0.23	10.35	18.92	83.84	86.68	14-Jun-14 03:00:00	0.23	10.35	18.92	83.84	93.45
14-Jun-14 04:00:00	14-Jun-14 05:00:00	0.00	0.00	0.00	0.00	21.41	2.1	329.7	0.00	0.00	0.00	7.06	0.23	10.35	18.92	83.84	86.68	14-Jun-14 04:00:00	0.23	10.35	18.92	83.84	93.74
14-Jun-14 05:00:00	14-Jun-14 06:00:00	0.00	0.00	0.00	0.00	4.57	2.1	329.7	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	14-Jun-14 05:00:00	0.23	10.35	18.92	83.84	88.19
14-Jun-14 06:00:00	14-Jun-14 07:00:00	0.00	0.00	0.00	0.00	34.15	2.1	329.7	0.00	0.00	0.00	11.26	0.23	10.35	18.92	83.84	86.68	14-Jun-14 06:00:00	0.23	10.35	18.92	83.84	97.94
14-Jun-14 07:00:00	14-Jun-14 08:00:00	0.00	0.00	0.00	0.00	15.88	2.1	329.7	0.00	0.00	0.00	5.24	0.23	10.35	18.92	83.84	86.68	14-Jun-14 07:00:00	0.23	10.35	18.92	83.84	91.92
14-Jun-14 08:00:00	14-Jun-14 09:00:00	0.00	0.00	0.00	0.00	8.05	2.1	329.7	0.00	0.00	0.00	2.66	0.23	10.35	18.92	83.84	86.68	14-Jun-14 08:00:00	0.23	10.35	18.92	83.84	89.34
14-Jun-14 09:00:00	14-Jun-14 10:00:00	0.00	0.00	0.00	0.00	10.76	2.1	329.7	0.00	0.00	0.00	3.55	0.23	10.35	18.92	83.84	86.68	14-Jun-14 09:00:00	0.23	10.35	18.92	83.	

16-Jun-14 07:00:00	16-Jun-14 08:00:00	0.00	0.00	0.00	0.00	7.03	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	16-Jun-14 07:00:00	0.23	10.35	18.92	83.84	89.00
16-Jun-14 08:00:00	16-Jun-14 09:00:00	0.00	0.00	0.00	0.00	36.58	2.1	329.7	0.00	0.00	0.00	0.00	12.06	0.23	10.35	18.92	83.84	86.68	16-Jun-14 08:00:00	0.23	10.35	18.92	83.84	98.74
16-Jun-14 09:00:00	16-Jun-14 10:00:00	0.00	0.00	0.00	0.00	4.22	2.1	329.7	0.00	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	16-Jun-14 09:00:00	0.23	10.35	18.92	83.84	88.07
16-Jun-14 10:00:00	16-Jun-14 11:00:00	0.00	0.00	0.00	0.00	24.38	2.1	329.7	0.00	0.00	0.00	0.00	8.04	0.23	10.35	18.92	83.84	86.68	16-Jun-14 10:00:00	0.23	10.35	18.92	83.84	94.72
16-Jun-14 11:00:00	16-Jun-14 12:00:00	0.00	0.00	0.00	0.00	31.81	2.1	329.7	0.00	0.00	0.00	0.00	10.49	0.23	10.35	18.92	83.84	86.68	16-Jun-14 11:00:00	0.23	10.35	18.92	83.84	97.17
16-Jun-14 12:00:00	16-Jun-14 13:00:00	0.00	0.00	0.00	0.00	65.21	2.1	329.7	0.00	0.00	0.00	0.00	21.50	0.23	10.35	18.92	83.84	86.68	16-Jun-14 12:00:00	0.23	10.35	18.92	83.84	108.18
16-Jun-14 13:00:00	16-Jun-14 14:00:00	0.00	0.00	0.00	0.00	3.27	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	16-Jun-14 13:00:00	0.23	10.35	18.92	83.84	87.75
16-Jun-14 14:00:00	16-Jun-14 15:00:00	0.00	0.00	0.00	0.00	81.11	2.1	329.7	0.00	0.00	0.00	0.00	26.74	0.23	10.35	18.92	83.84	86.68	16-Jun-14 14:00:00	0.23	10.35	18.92	83.84	113.42
16-Jun-14 15:00:00	16-Jun-14 16:00:00	0.00	0.00	0.00	0.00	10.70	2.1	329.7	0.00	0.00	0.00	0.00	3.53	0.23	10.35	18.92	83.84	86.68	16-Jun-14 15:00:00	0.23	10.35	18.92	83.84	90.21
16-Jun-14 16:00:00	16-Jun-14 17:00:00	0.00	0.00	0.00	0.00	8.67	2.1	329.7	0.00	0.00	0.00	0.00	2.86	0.23	10.35	18.92	83.84	86.68	16-Jun-14 16:00:00	0.23	10.35	18.92	83.84	89.54
16-Jun-14 17:00:00	16-Jun-14 18:00:00	0.00	0.00	0.00	0.00	4.98	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	16-Jun-14 17:00:00	0.23	10.35	18.92	83.84	88.32
16-Jun-14 18:00:00	16-Jun-14 19:00:00	0.00	0.32	0.00	0.00	56.29	2.1	329.7	0.00	0.11	0.00	0.00	18.56	0.23	10.35	18.92	83.84	86.68	16-Jun-14 18:00:00	0.23	10.46	18.92	83.84	105.24
16-Jun-14 19:00:00	16-Jun-14 20:00:00	0.00	0.00	0.00	0.00	32.95	2.1	329.7	0.00	0.00	0.00	0.00	10.87	0.23	10.35	18.92	83.84	86.68	16-Jun-14 19:00:00	0.23	10.35	18.92	83.84	97.55
16-Jun-14 20:00:00	16-Jun-14 21:00:00	0.00	0.00	0.00	0.00	20.62	2.1	329.7	0.00	0.00	0.00	0.00	6.80	0.23	10.35	18.92	83.84	86.68	16-Jun-14 20:00:00	0.23	10.35	18.92	83.84	93.48
16-Jun-14 21:00:00	16-Jun-14 22:00:00	0.00	0.00	0.00	0.00	28.80	2.1	329.7	0.00	0.00	0.00	0.00	9.50	0.23	10.35	18.92	83.84	86.68	16-Jun-14 21:00:00	0.23	10.35	18.92	83.84	96.18
16-Jun-14 22:00:00	16-Jun-14 23:00:00	0.00	0.00	0.00	0.00	22.09	2.1	329.7	0.00	0.00	0.00	0.00	7.28	0.23	10.35	18.92	83.84	86.68	16-Jun-14 22:00:00	0.23	10.35	18.92	83.84	93.96
16-Jun-14 23:00:00	17-Jun-14 00:00:00	0.00	0.00	0.00	0.00	10.52	2.1	329.7	0.00	0.00	0.00	0.00	3.47	0.23	10.35	18.92	83.84	86.68	16-Jun-14 23:00:00	0.23	10.35	18.92	83.84	90.15
17-Jun-14 00:00:00	17-Jun-14 01:00:00	0.00	0.00	0.00	0.00	16.09	2.1	329.7	0.00	0.00	0.00	0.00	5.30	0.23	10.35	18.92	83.84	86.68	17-Jun-14 00:00:00	0.23	10.35	18.92	83.84	91.98
17-Jun-14 01:00:00	17-Jun-14 02:00:00	0.00	0.00	0.00	0.00	4.25	2.1	329.7	0.00	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	17-Jun-14 01:00:00	0.23	10.35	18.92	83.84	88.08
17-Jun-14 02:00:00	17-Jun-14 03:00:00	0.00	0.00	0.00	0.00	19.86	2.1	329.7	0.00	0.00	0.00	0.00	6.55	0.23	10.35	18.92	83.84	86.68	17-Jun-14 02:00:00	0.23	10.35	18.92	83.84	93.22
17-Jun-14 03:00:00	17-Jun-14 04:00:00	0.00	0.00	0.00	0.00	4.47	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	17-Jun-14 03:00:00	0.23	10.35	18.92	83.84	88.15
17-Jun-14 04:00:00	17-Jun-14 05:00:00	0.00	0.00	0.00	0.00	42.91	2.1	329.7	0.00	0.00	0.00	0.00	14.15	0.23	10.35	18.92	83.84	86.68	17-Jun-14 04:00:00	0.23	10.35	18.92	83.84	100.83
17-Jun-14 05:00:00	17-Jun-14 06:00:00	0.00	0.00	0.00	0.00	31.81	2.1	329.7	0.00	0.00	0.00	0.00	10.49	0.23	10.35	18.92	83.84	86.68	17-Jun-14 05:00:00	0.23	10.35	18.92	83.84	97.17
17-Jun-14 06:00:00	17-Jun-14 07:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	17-Jun-14 06:00:00	0.23	10.35	18.92	83.84	88.21
17-Jun-14 07:00:00	17-Jun-14 08:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	17-Jun-14 07:00:00	0.23	10.35	18.92	83.84	88.21
17-Jun-14 08:00:00	17-Jun-14 09:00:00	0.00	0.00	0.00	0.00	48.24	2.1	329.7	0.00	0.00	0.00	0.00	15.91	0.23	10.35	18.92	83.84	86.68	17-Jun-14 08:00:00	0.23	10.35	18.92	83.84	102.59
17-Jun-14 09:00:00	17-Jun-14 10:00:00	0.00	0.00	0.00	0.00	40.21	2.1	329.7	0.00	0.00	0.00	0.00	13.26	0.23	10.35	18.92	83.84	86.68	17-Jun-14 09:00:00	0.23	10.35	18.92	83.84	99.94
17-Jun-14 10:00:00	17-Jun-14 11:00:00	0.00	0.00	0.00	0.00	7.02	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	17-Jun-14 10:00:00	0.23	10.35	18.92	83.84	88.99
17-Jun-14 11:00:00	17-Jun-14 12:00:00	0.00	0.00	0.00	0.00	12.10	2.1	329.7	0.00	0.00	0.00	0.00	3.99	0.23	10.35	18.92	83.84	86.68	17-Jun-14 11:00:00	0.23	10.35	18.92	83.84	90.67
17-Jun-14 12:00:00	17-Jun-14 13:00:00	0.00	0.00	0.00	0.00	6.01	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	17-Jun-14 12:00:00	0.23	10.35	18.92	83.84	88.66
17-Jun-14 13:00:00	17-Jun-14 14:00:00	0.00	0.11	0.00	0.00	39.42	2.1	329.7	0.00	0.04	0.00	0.00	13.00	0.23	10.35	18.92	83.84	86.68	17-Jun-14 13:00:00	0.23	10.39	18.92	83.84	99.68
17-Jun-14 14:00:00	17-Jun-14 15:00:00	0.00	0.00	0.00	0.00	22.11	2.1	329.7	0.00	0.00	0.00	0.00	10.59	0.23	10.35	18.92	83.84	86.68	17-Jun-14 14:00:00	0.23	10.35	18.92	83.84	97.27
17-Jun-14 15:00:00	17-Jun-14 16:00:00	0.00	0.06	0.00	0.00	44.51	2.1	329.7	0.00	0.02	0.00	0.00	14.68	0.23	10.35	18.92	83.84	86.68	17-Jun-14 15:00:00	0.23	10.37	18.92	83.84	101.36
17-Jun-14 16:00:00	17-Jun-14 17:00:00	0.00	0.00	0.00	0.00	9.79	2.1	329.7	0.00	0.00	0.00	0.00	3.23	0.23	10.35	18.92	83.84	86.68	17-Jun-14 16:00:00	0.23	10.35	18.92	83.84	89.91
17-Jun-14 17:00:00	17-Jun-14 18:00:00	0.00	0.00	0.00	0.00	42.57	2.1	329.7	0.00	0.00	0.00	0.00	14.04	0.23	10.35	18.92	83.84	86.68	17-Jun-14 17:00:00	0.23	10.35	18.92	83.84	100.72
17-Jun-14 18:00:00	17-Jun-14 19:00:00	0.00	0.08	0.00	0.00	3.30	2.1	329.7	0.00	0.03	0.00	0.00	1.09	0.23	10.35	18.92	83.84	86.68	17-Jun-14 18:00:00	0.23	10.38	18.92	83.84	87.77
17-Jun-14 19:00:00	17-Jun-14 20:00:00	0.00	0.00	0.00	0.00	3.53	2.1	329.7	0.00	0.00	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	17-Jun-14 19:00:00	0.23	10.35	18.92	83.84	87.85
17-Jun-14 20:00:00	17-Jun-14 21:00:00	0.00	0.00	0.00	0.00	43.89	2.1	329.7	0.00	0.00	0.00	0.00	14.47	0.23	10.35	18.92	83.84	86.68	17-Jun-14 20:00:00	0.23	10.35	18.92	83.84	101.15
17-Jun-14 21:00:00	17-Jun-14 22:00:00	0.00	0.00	0.00	0.00	3.97	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	17-Jun-14 21:00:00	0.23	10.35	18.92	83.84	87.99
17-Jun-14 22:00:00	17-Jun-14 23:00:00	0.00	0.08	0.00	0.00	12.41	2.1	329.7	0.00	0.03	0.00	0.00	4.09	0.23	10.35	18.92	83.84	86.68	17-Jun-14 22:00:00	0.23	10.38	18.92	83.84	90.77
17-Jun-14 23:00:00	18-Jun-14 00:00:00	0.00	0.00	0.00	0.00	63.97	2.1	329.7	0.00	0.00	0.00	0.00	21.09	0.23	10.35	18.92	83.84	86.68	17-Jun-14 23:00:00	0.23	10.35	18.92	83.84	107.77
18-Jun-14 00:00:00	18-Jun-14 01:00:00	0.00	0.00	0.00	0.00	4.03	2.1	329.7	0.00	0.00	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	18-Jun-14 00:00:00	0.23	10.35	18.92	83.84	88.01
18-Jun-14 01:00:00	18-Jun-14 02:00:00	0.00	0.00	0.00	0.00	7.97	2.1	329.7	0.00	0.00	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	18-Jun-14 01:00:00	0.23	10.35	18.92	83.84	89.31
18-Jun-14 02:00:00	18-Jun-14 03:00:00	0.00	0.00	0.00	0.00	77.94	2.1	329.7	0.00	0.00	0.00	0.00	25.55	0.23	10.35	18.92	83.84	86.68	18-Jun-14 02:00:00	0.23	10.35	18.92	83.84	99.23
18-Jun-14 03:00:00	18-Jun-14 04:00:00	0.00	0.00	0.00	0.00	28.60	2.1	329.7																

20-Jun-14 02:00:00	20-Jun-14 03:00:00	0.00	0.00	0.00	0.00	22.81	2.1	329.7	0.00	0.00	0.00	0.00	7.52	0.23	10.35	18.92	83.84	86.68	20-Jun-14 02:00:00	0.23	10.35	18.92	83.84	94.20
20-Jun-14 03:00:00	20-Jun-14 04:00:00	0.00	0.00	0.00	0.00	19.73	2.1	329.7	0.00	0.00	0.00	0.00	6.50	0.23	10.35	18.92	83.84	86.68	20-Jun-14 03:00:00	0.23	10.35	18.92	83.84	93.18
20-Jun-14 04:00:00	20-Jun-14 05:00:00	0.00	0.00	0.00	0.00	9.31	2.1	329.7	0.00	0.00	0.00	0.00	3.07	0.23	10.35	18.92	83.84	86.68	20-Jun-14 04:00:00	0.23	10.35	18.92	83.84	89.75
20-Jun-14 05:00:00	20-Jun-14 06:00:00	0.00	0.09	0.00	0.00	43.26	2.1	329.7	0.00	0.03	0.00	0.00	14.26	0.23	10.35	18.92	83.84	86.68	20-Jun-14 05:00:00	0.23	10.38	18.92	83.84	100.94
20-Jun-14 06:00:00	20-Jun-14 07:00:00	0.00	0.00	0.00	0.00	38.00	2.1	329.7	0.00	0.00	0.00	0.00	12.53	0.23	10.35	18.92	83.84	86.68	20-Jun-14 06:00:00	0.23	10.35	18.92	83.84	99.21
20-Jun-14 07:00:00	20-Jun-14 08:00:00	0.00	0.00	0.00	0.00	4.52	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	20-Jun-14 07:00:00	0.23	10.35	18.92	83.84	88.17
20-Jun-14 08:00:00	20-Jun-14 09:00:00	0.00	0.00	0.00	0.00	24.09	2.1	329.7	0.00	0.00	0.00	0.00	7.94	0.23	10.35	18.92	83.84	86.68	20-Jun-14 08:00:00	0.23	10.35	18.92	83.84	94.63
20-Jun-14 09:00:00	20-Jun-14 10:00:00	0.00	0.00	0.00	0.00	65.50	2.1	329.7	0.00	0.00	0.00	0.00	21.60	0.23	10.35	18.92	83.84	86.68	20-Jun-14 09:00:00	0.23	10.35	18.92	83.84	108.78
20-Jun-14 10:00:00	20-Jun-14 11:00:00	0.00	0.08	0.00	0.00	3.77	2.1	329.7	0.00	0.03	0.00	0.00	1.24	0.23	10.35	18.92	83.84	86.68	20-Jun-14 10:00:00	0.23	10.38	18.92	83.84	87.92
20-Jun-14 11:00:00	20-Jun-14 12:00:00	0.00	0.00	0.00	0.00	11.18	2.1	329.7	0.00	0.00	0.00	0.00	3.68	0.23	10.35	18.92	83.84	86.68	20-Jun-14 11:00:00	0.23	10.35	18.92	83.84	90.36
20-Jun-14 12:00:00	20-Jun-14 13:00:00	0.00	0.00	0.00	0.00	4.08	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	20-Jun-14 12:00:00	0.23	10.35	18.92	83.84	88.03
20-Jun-14 13:00:00	20-Jun-14 14:00:00	0.00	0.11	0.00	0.00	3.06	2.1	329.7	0.00	0.03	0.00	0.00	1.01	0.23	10.35	18.92	83.84	86.68	20-Jun-14 13:00:00	0.23	10.38	18.92	83.84	87.69
20-Jun-14 14:00:00	20-Jun-14 15:00:00	0.00	0.00	0.00	0.00	3.03	2.1	329.7	0.00	0.00	0.00	0.00	1.00	0.23	10.35	18.92	83.84	86.68	20-Jun-14 14:00:00	0.23	10.35	18.92	83.84	87.68
20-Jun-14 15:00:00	20-Jun-14 16:00:00	0.00	1.34	0.00	0.00	3.00	2.1	329.7	0.00	0.44	0.00	0.00	0.99	0.23	10.35	18.92	83.84	86.68	20-Jun-14 15:00:00	0.23	10.79	18.92	83.84	87.67
20-Jun-14 16:00:00	20-Jun-14 17:00:00	0.00	0.06	0.00	0.00	2.97	2.1	329.7	0.00	0.02	0.00	0.00	0.98	0.23	10.35	18.92	83.84	86.68	20-Jun-14 16:00:00	0.23	10.37	18.92	83.84	87.66
20-Jun-14 17:00:00	20-Jun-14 18:00:00	0.00	0.11	0.00	0.00	40.49	2.1	329.7	0.00	0.04	0.00	0.00	13.35	0.23	10.35	18.92	83.84	86.68	20-Jun-14 17:00:00	0.23	10.39	18.92	83.84	100.03
20-Jun-14 18:00:00	20-Jun-14 19:00:00	0.00	0.20	0.00	0.00	3.06	2.1	329.7	0.00	0.07	0.00	0.00	1.01	0.23	10.35	18.92	83.84	86.68	20-Jun-14 18:00:00	0.23	10.42	18.92	83.84	87.69
20-Jun-14 19:00:00	20-Jun-14 20:00:00	0.00	0.00	0.00	0.00	3.19	2.1	329.7	0.00	0.00	0.00	0.00	1.05	0.23	10.35	18.92	83.84	86.68	20-Jun-14 19:00:00	0.23	10.35	18.92	83.84	87.73
20-Jun-14 20:00:00	20-Jun-14 21:00:00	0.00	0.00	0.00	0.00	3.33	2.1	329.7	0.00	0.00	0.00	0.00	1.10	0.23	10.35	18.92	83.84	86.68	20-Jun-14 20:00:00	0.23	10.35	18.92	83.84	87.78
20-Jun-14 21:00:00	20-Jun-14 22:00:00	0.00	0.07	0.00	0.00	3.47	2.1	329.7	0.00	0.02	0.00	0.00	1.14	0.23	10.35	18.92	83.84	86.68	20-Jun-14 21:00:00	0.23	10.37	18.92	83.84	87.82
20-Jun-14 22:00:00	20-Jun-14 23:00:00	0.00	0.00	0.00	0.00	3.61	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	20-Jun-14 22:00:00	0.23	10.35	18.92	83.84	87.87
20-Jun-14 23:00:00	21-Jun-14 00:00:00	0.00	0.00	0.00	0.00	3.77	2.1	329.7	0.00	0.00	0.00	0.00	1.24	0.23	10.35	18.92	83.84	86.68	20-Jun-14 23:00:00	0.23	10.35	18.92	83.84	87.92
21-Jun-14 00:00:00	21-Jun-14 01:00:00	0.00	2.00	0.00	0.00	3.92	2.1	329.7	0.00	0.66	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	21-Jun-14 00:00:00	0.23	11.01	18.92	83.84	87.97
21-Jun-14 01:00:00	21-Jun-14 02:00:00	0.00	2.15	0.00	0.00	4.08	2.1	329.7	0.00	0.71	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	21-Jun-14 01:00:00	0.23	11.06	18.92	83.84	88.03
21-Jun-14 02:00:00	21-Jun-14 03:00:00	0.00	1.41	0.00	0.00	16.45	2.1	329.7	0.00	0.46	0.00	0.00	5.42	0.23	10.35	18.92	83.84	86.68	21-Jun-14 02:00:00	0.23	10.81	18.92	83.84	92.10
21-Jun-14 03:00:00	21-Jun-14 04:00:00	0.00	0.66	0.00	0.00	7.54	2.1	329.7	0.00	0.22	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	21-Jun-14 03:00:00	0.23	10.57	18.92	83.84	89.17
21-Jun-14 04:00:00	21-Jun-14 05:00:00	0.00	0.66	0.00	0.00	4.33	2.1	329.7	0.00	0.02	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	21-Jun-14 04:00:00	0.23	10.37	18.92	83.84	88.11
21-Jun-14 05:00:00	21-Jun-14 06:00:00	0.00	0.00	0.00	0.00	4.46	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	21-Jun-14 05:00:00	0.23	10.35	18.92	83.84	88.15
21-Jun-14 06:00:00	21-Jun-14 07:00:00	0.00	0.00	0.00	0.00	4.66	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	21-Jun-14 06:00:00	0.23	10.35	18.92	83.84	88.22
21-Jun-14 07:00:00	21-Jun-14 08:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	21-Jun-14 07:00:00	0.23	10.35	18.92	83.84	88.21
21-Jun-14 08:00:00	21-Jun-14 09:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	21-Jun-14 08:00:00	0.23	10.35	18.92	83.84	88.11
21-Jun-14 09:00:00	21-Jun-14 10:00:00	0.00	0.00	0.00	0.00	4.07	2.1	329.7	0.00	0.00	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	21-Jun-14 09:00:00	0.23	10.35	18.92	83.84	88.16
21-Jun-14 10:00:00	21-Jun-14 11:00:00	0.00	0.00	0.00	0.00	3.81	2.1	329.7	0.00	0.00	0.00	0.00	1.26	0.23	10.35	18.92	83.84	86.68	21-Jun-14 10:00:00	0.23	10.35	18.92	83.84	87.94
21-Jun-14 11:00:00	21-Jun-14 12:00:00	0.00	0.00	0.00	0.00	3.60	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	21-Jun-14 11:00:00	0.23	10.35	18.92	83.84	87.87
21-Jun-14 12:00:00	21-Jun-14 13:00:00	0.00	0.00	0.00	0.00	9.04	2.1	329.7	0.00	0.00	0.00	0.00	2.98	0.23	10.35	18.92	83.84	86.68	21-Jun-14 12:00:00	0.23	10.35	18.92	83.84	89.66
21-Jun-14 13:00:00	21-Jun-14 14:00:00	0.00	0.25	0.00	0.00	3.31	2.1	329.7	0.00	0.08	0.00	0.00	1.09	0.23	10.35	18.92	83.84	86.68	21-Jun-14 13:00:00	0.23	10.43	18.92	83.84	87.77
21-Jun-14 14:00:00	21-Jun-14 15:00:00	0.00	0.43	0.00	0.00	9.88	2.1	329.7	0.00	0.14	0.00	0.00	3.26	0.23	10.35	18.92	83.84	86.68	21-Jun-14 14:00:00	0.23	10.49	18.92	83.84	89.94
21-Jun-14 15:00:00	21-Jun-14 16:00:00	0.00	1.98	0.00	0.00	7.00	2.1	329.7	0.00	0.65	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	21-Jun-14 15:00:00	0.23	11.00	18.92	83.84	88.99
21-Jun-14 16:00:00	21-Jun-14 17:00:00	0.00	0.00	0.00	0.00	37.64	2.1	329.7	0.00	0.00	0.00	0.00	12.41	0.23	10.35	18.92	83.84	86.68	21-Jun-14 16:00:00	0.23	10.35	18.92	83.84	99.09
21-Jun-14 17:00:00	21-Jun-14 18:00:00	0.00	0.84	0.00	0.00	3.86	2.1	329.7	0.00	0.28	0.00	0.00	1.27	0.23	10.35	18.92	83.84	86.68	21-Jun-14 17:00:00	0.23	10.63	18.92	83.84	87.95
21-Jun-14 18:00:00	21-Jun-14 19:00:00	0.00	2.24	0.00	0.00	3.69	2.1	329.7	0.00	0.74	0.00	0.00	1.22	0.23	10.35	18.92	83.84	86.68	21-Jun-14 18:00:00	0.23	11.09	18.92	83.84	87.90
21-Jun-14 19:00:00	21-Jun-14 20:00:00	0.00	1.35	0.00	0.00	3.51	2.1	329.7	0.00	0.45	0.00	0.00	1.16	0.23	10.35	18.92	83.84	86.68	21-Jun-14 19:00:00	0.23	10.80	18.92	83.84	87.84
21-Jun-14 20:00:00	21-Jun-14 21:00:00	0.00	0.67	0.00	0.00	4.42	2.1	329.7	0.00	0.29	0.00	0.00	1.13	0.23	10.35	18.92	83.84	86.68	21-Jun-14 20:00:00	0.23	10.64	18.92	83.84	87.81
21-Jun-14 21:00:00	21-Jun-14 22:00:00	0.00	0.39	0.00	0.00	4.83	2.1	329.7	0.00	0.13	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	21-Jun-14 21:00:00	0.23	10.48	18.92	83.84	88.27
21-Jun-14 22:00:00	21-Jun-14 23:00:00	0.00	0.02	0.00	0.00	3.57	2.1	329.7	0.00	0.01	0.00	0.00												

16-Jul-14 15:00:00	16-Jul-14 16:00:00	0.00	0.00	0.00	0.00	3.74	2.1	329.7	0.00	0.00	0.00	0.00	1.23	0.23	10.35	18.92	83.84	86.68	16-Jul-14 15:00:00	0.23	10.35	18.92	83.84	87.91
16-Jul-14 16:00:00	16-Jul-14 17:00:00	0.00	0.00	0.00	0.00	3.70	2.1	329.7	0.00	0.00	0.00	0.00	1.22	0.23	10.35	18.92	83.84	86.68	16-Jul-14 16:00:00	0.23	10.35	18.92	83.84	87.90
16-Jul-14 17:00:00	16-Jul-14 18:00:00	0.00	0.00	0.00	0.00	3.67	2.1	329.7	0.00	0.00	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	16-Jul-14 17:00:00	0.23	10.35	18.92	83.84	87.89
16-Jul-14 18:00:00	16-Jul-14 19:00:00	0.00	0.00	0.00	0.00	3.68	2.1	329.7	0.00	0.00	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	16-Jul-14 18:00:00	0.23	10.35	18.92	83.84	87.89
16-Jul-14 19:00:00	16-Jul-14 20:00:00	0.00	0.00	0.00	0.00	3.90	2.1	329.7	0.00	0.00	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	16-Jul-14 19:00:00	0.23	10.35	18.92	83.84	87.97
16-Jul-14 20:00:00	16-Jul-14 21:00:00	0.00	0.00	0.00	0.00	4.03	2.1	329.7	0.00	0.00	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	16-Jul-14 20:00:00	0.23	10.35	18.92	83.84	88.01
16-Jul-14 21:00:00	16-Jul-14 22:00:00	0.00	0.00	0.00	0.00	4.27	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	16-Jul-14 21:00:00	0.23	10.35	18.92	83.84	88.05
16-Jul-14 22:00:00	16-Jul-14 23:00:00	0.00	0.00	0.00	0.00	4.30	2.1	329.7	0.00	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	16-Jul-14 22:00:00	0.23	10.35	18.92	83.84	88.10
16-Jul-14 23:00:00	17-Jul-14 00:00:00	0.00	0.12	0.00	0.00	4.45	2.1	329.7	0.00	0.04	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	16-Jul-14 23:00:00	0.23	10.39	18.92	83.84	88.15
17-Jul-14 00:00:00	17-Jul-14 01:00:00	0.00	0.00	0.00	0.00	15.64	2.1	329.7	0.00	0.00	0.00	0.00	5.16	0.23	10.35	18.92	83.84	86.68	17-Jul-14 00:00:00	0.23	10.35	18.92	83.84	91.84
17-Jul-14 01:00:00	17-Jul-14 02:00:00	0.00	0.00	0.00	0.00	4.71	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	17-Jul-14 01:00:00	0.23	10.35	18.92	83.84	88.23
17-Jul-14 02:00:00	17-Jul-14 03:00:00	0.00	0.00	0.00	0.00	4.80	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	17-Jul-14 02:00:00	0.23	10.35	18.92	83.84	88.26
17-Jul-14 03:00:00	17-Jul-14 04:00:00	0.00	0.00	0.00	0.00	4.89	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	17-Jul-14 03:00:00	0.23	10.35	18.92	83.84	88.29
17-Jul-14 04:00:00	17-Jul-14 05:00:00	0.00	0.00	0.00	0.00	10.01	2.1	329.7	0.00	0.00	0.00	0.00	3.30	0.23	10.35	18.92	83.84	86.68	17-Jul-14 04:00:00	0.23	10.35	18.92	83.84	89.98
17-Jul-14 05:00:00	17-Jul-14 06:00:00	0.00	0.00	0.00	0.00	4.92	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	17-Jul-14 05:00:00	0.23	10.35	18.92	83.84	88.30
17-Jul-14 06:00:00	17-Jul-14 07:00:00	0.00	0.00	0.00	0.00	27.06	2.1	329.7	0.00	0.00	0.00	0.00	8.92	0.23	10.35	18.92	83.84	86.68	17-Jul-14 06:00:00	0.23	10.35	18.92	83.84	95.60
17-Jul-14 07:00:00	17-Jul-14 08:00:00	0.00	0.65	0.00	0.00	4.95	2.1	329.7	0.00	0.21	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	17-Jul-14 07:00:00	0.23	10.56	18.92	83.84	88.31
17-Jul-14 08:00:00	17-Jul-14 09:00:00	0.00	3.69	0.00	0.00	4.84	2.1	329.7	0.00	1.22	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	17-Jul-14 08:00:00	0.23	11.57	18.92	83.84	88.27
17-Jul-14 09:00:00	17-Jul-14 10:00:00	0.00	2.42	0.00	0.00	4.72	2.1	329.7	0.00	0.80	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	17-Jul-14 09:00:00	0.23	11.15	18.92	83.84	88.24
17-Jul-14 10:00:00	17-Jul-14 11:00:00	0.00	0.77	0.00	0.00	4.60	2.1	329.7	0.00	0.25	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	17-Jul-14 10:00:00	0.23	10.60	18.92	83.84	88.20
17-Jul-14 11:00:00	17-Jul-14 12:00:00	0.00	1.57	0.00	0.00	4.44	2.1	329.7	0.00	0.52	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	17-Jul-14 11:00:00	0.23	10.87	18.92	83.84	88.14
17-Jul-14 12:00:00	17-Jul-14 13:00:00	0.00	0.94	0.00	0.00	4.28	2.1	329.7	0.00	0.31	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	17-Jul-14 12:00:00	0.23	10.66	18.92	83.84	88.09
17-Jul-14 13:00:00	17-Jul-14 14:00:00	0.00	2.07	0.00	0.00	4.12	2.1	329.7	0.00	0.68	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	17-Jul-14 13:00:00	0.23	11.03	18.92	83.84	88.04
17-Jul-14 14:00:00	17-Jul-14 15:00:00	0.00	0.00	0.00	0.00	4.01	2.1	329.7	0.00	0.00	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	17-Jul-14 14:00:00	0.23	10.35	18.92	83.84	88.00
17-Jul-14 15:00:00	17-Jul-14 16:00:00	0.00	0.00	0.00	0.00	3.99	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	17-Jul-14 15:00:00	0.23	10.35	18.92	83.84	87.99
17-Jul-14 16:00:00	17-Jul-14 17:00:00	0.00	0.07	0.00	0.00	3.94	2.1	329.7	0.00	0.02	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	17-Jul-14 16:00:00	0.23	10.37	18.92	83.84	87.98
17-Jul-14 17:00:00	17-Jul-14 18:00:00	0.00	0.12	0.00	0.00	3.89	2.1	329.7	0.00	0.04	0.00	0.00	1.28	0.23	10.35	18.92	83.84	86.68	17-Jul-14 17:00:00	0.23	10.39	18.92	83.84	87.96
17-Jul-14 18:00:00	17-Jul-14 19:00:00	0.00	0.00	0.00	0.00	3.82	2.1	329.7	0.00	0.00	0.00	0.00	1.26	0.23	10.35	18.92	83.84	86.68	17-Jul-14 18:00:00	0.23	10.35	18.92	83.84	87.94
17-Jul-14 19:00:00	17-Jul-14 20:00:00	0.00	0.00	0.00	0.00	4.12	2.1	329.7	0.00	0.00	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	17-Jul-14 19:00:00	0.23	10.35	18.92	83.84	88.04
17-Jul-14 20:00:00	17-Jul-14 21:00:00	0.00	0.00	0.00	0.00	3.77	2.1	329.7	0.00	0.00	0.00	0.00	1.24	0.23	10.35	18.92	83.84	86.68	17-Jul-14 20:00:00	0.23	10.35	18.92	83.84	87.92
17-Jul-14 21:00:00	17-Jul-14 22:00:00	0.00	0.11	0.00	0.00	3.97	2.1	329.7	0.00	0.04	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	17-Jul-14 21:00:00	0.23	10.39	18.92	83.84	87.99
17-Jul-14 22:00:00	17-Jul-14 23:00:00	0.00	0.30	0.00	0.00	4.27	2.1	329.7	0.00	0.10	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	17-Jul-14 22:00:00	0.23	10.52	18.92	83.84	88.04
17-Jul-14 23:00:00	18-Jul-14 00:00:00	0.00	0.56	0.00	0.00	4.63	2.1	329.7	0.00	0.18	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	17-Jul-14 23:00:00	0.23	10.53	18.92	83.84	88.21
18-Jul-14 00:00:00	18-Jul-14 01:00:00	0.00	0.74	0.00	0.00	4.30	2.1	329.7	0.00	0.24	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	18-Jul-14 00:00:00	0.23	10.59	18.92	83.84	88.10
18-Jul-14 01:00:00	18-Jul-14 02:00:00	0.00	0.42	0.00	0.00	4.40	2.1	329.7	0.00	0.14	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	18-Jul-14 01:00:00	0.23	10.49	18.92	83.84	88.13
18-Jul-14 02:00:00	18-Jul-14 03:00:00	0.00	1.59	0.00	0.00	4.50	2.1	329.7	0.00	0.52	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	18-Jul-14 02:00:00	0.23	10.87	18.92	83.84	88.16
18-Jul-14 03:00:00	18-Jul-14 04:00:00	0.00	2.15	0.00	0.00	4.61	2.1	329.7	0.00	0.71	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	18-Jul-14 03:00:00	0.23	11.06	18.92	83.84	88.20
18-Jul-14 04:00:00	18-Jul-14 05:00:00	0.00	1.07	0.00	0.00	4.76	2.1	329.7	0.00	0.35	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	18-Jul-14 04:00:00	0.23	10.70	18.92	83.84	88.25
18-Jul-14 05:00:00	18-Jul-14 06:00:00	0.00	1.49	0.00	0.00	4.80	2.1	329.7	0.00	0.49	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	18-Jul-14 05:00:00	0.23	10.84	18.92	83.84	88.26
18-Jul-14 06:00:00	18-Jul-14 07:00:00	0.00	0.59	0.00	0.00	4.85	2.1	329.7	0.00	0.20	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	18-Jul-14 06:00:00	0.23	10.55	18.92	83.84	88.28
18-Jul-14 07:00:00	18-Jul-14 08:00:00	0.00	0.00	0.00	0.00	4.90	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	18-Jul-14 07:00:00	0.23	10.35	18.92	83.84	88.30
18-Jul-14 08:00:00	18-Jul-14 09:00:00	0.00	0.00	0.00	0.00	4.80	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	18-Jul-14 08:00:00	0.23	10.35	18.92	83.84	88.26
18-Jul-14 09:00:00	18-Jul-14 10:00:00	0.00	0.00	0.00	0.00	4.59	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	18-Jul-14 09:00:00	0.23	10.35	18.92	83.84	88.19
18-Jul-14 10:00:00	18-Jul-14 11:00:00	0.00	0.00	0.00	0.00	4.38	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	18-Jul-14 10:00:00	0.23	10.35	18.92	83.84	88.12
18-Jul-14 11:00:00	18-Jul-14 12:00:00	0.00	0.50	0.00	0.00	4.17	2.1	329.7	0.00	0.17	0.00	0.00	1.38	0.23										

28-Jul-14 00:00:00	28-Jul-14 01:00:00	0.00	0.41	0.00	0.00	4.81	2.1	329.7	0.00	0.13	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	28-Jul-14 00:00:00	0.23	10.48	18.92	83.84	88.27
28-Jul-14 01:00:00	28-Jul-14 02:00:00	0.00	0.00	0.00	0.00	4.90	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	28-Jul-14 01:00:00	0.23	10.35	18.92	83.84	88.29
28-Jul-14 02:00:00	28-Jul-14 03:00:00	0.00	0.00	0.00	0.00	4.98	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	28-Jul-14 02:00:00	0.23	10.35	18.92	83.84	88.32
28-Jul-14 03:00:00	28-Jul-14 04:00:00	0.00	0.00	0.00	0.00	5.05	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	28-Jul-14 03:00:00	0.23	10.35	18.92	83.84	88.34
28-Jul-14 04:00:00	28-Jul-14 05:00:00	0.00	0.00	0.00	0.00	5.04	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	28-Jul-14 04:00:00	0.23	10.35	18.92	83.84	88.34
28-Jul-14 05:00:00	28-Jul-14 06:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	28-Jul-14 05:00:00	0.23	10.35	18.92	83.84	88.40
28-Jul-14 06:00:00	28-Jul-14 07:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	28-Jul-14 06:00:00	0.23	10.35	18.92	83.84	88.46
28-Jul-14 07:00:00	28-Jul-14 08:00:00	0.00	0.00	0.00	0.00	5.58	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	28-Jul-14 07:00:00	0.23	10.35	18.92	83.84	88.52
28-Jul-14 08:00:00	28-Jul-14 09:00:00	0.00	0.00	0.00	0.00	5.60	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	28-Jul-14 08:00:00	0.23	10.35	18.92	83.84	88.52
28-Jul-14 09:00:00	28-Jul-14 10:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	28-Jul-14 09:00:00	0.23	10.35	18.92	83.84	88.43
28-Jul-14 10:00:00	28-Jul-14 11:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	28-Jul-14 10:00:00	0.23	10.35	18.92	83.84	88.34
28-Jul-14 11:00:00	28-Jul-14 12:00:00	0.00	0.00	0.00	0.00	4.75	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	28-Jul-14 11:00:00	0.23	10.35	18.92	83.84	88.25
28-Jul-14 12:00:00	28-Jul-14 13:00:00	0.00	0.00	0.00	0.00	4.50	2.1	329.7	0.00	0.00	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	28-Jul-14 12:00:00	0.23	10.35	18.92	83.84	88.16
28-Jul-14 13:00:00	28-Jul-14 14:00:00	0.00	1.16	0.00	0.00	4.26	2.1	329.7	0.00	0.38	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	28-Jul-14 13:00:00	0.23	10.73	18.92	83.84	88.08
28-Jul-14 14:00:00	28-Jul-14 15:00:00	0.00	1.16	0.00	0.00	4.03	2.1	329.7	0.00	0.38	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	28-Jul-14 14:00:00	0.23	10.73	18.92	83.84	88.01
28-Jul-14 15:00:00	28-Jul-14 16:00:00	0.00	0.36	0.00	0.00	3.79	2.1	329.7	0.00	0.12	0.00	0.00	1.25	0.23	10.35	18.92	83.84	86.68	28-Jul-14 15:00:00	0.23	10.47	18.92	83.84	87.93
28-Jul-14 16:00:00	28-Jul-14 17:00:00	0.00	0.00	0.00	0.00	3.67	2.1	329.7	0.00	0.00	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	28-Jul-14 16:00:00	0.23	10.35	18.92	83.84	87.89
28-Jul-14 17:00:00	28-Jul-14 18:00:00	0.00	0.00	0.00	0.00	3.63	2.1	329.7	0.00	0.00	0.00	0.00	1.20	0.23	10.35	18.92	83.84	86.68	28-Jul-14 17:00:00	0.23	10.35	18.92	83.84	87.88
28-Jul-14 18:00:00	28-Jul-14 19:00:00	0.00	0.00	0.00	0.00	3.59	2.1	329.7	0.00	0.00	0.00	0.00	1.19	0.23	10.35	18.92	83.84	86.68	28-Jul-14 18:00:00	0.23	10.35	18.92	83.84	87.87
28-Jul-14 19:00:00	28-Jul-14 20:00:00	0.00	0.00	0.00	0.00	48.31	2.1	329.7	0.00	0.00	0.00	0.00	15.93	0.23	10.35	18.92	83.84	86.68	28-Jul-14 19:00:00	0.23	10.35	18.92	83.84	102.61
28-Jul-14 20:00:00	28-Jul-14 21:00:00	0.00	0.00	0.00	0.00	3.78	2.1	329.7	0.00	0.00	0.00	0.00	1.25	0.23	10.35	18.92	83.84	86.68	28-Jul-14 20:00:00	0.23	10.35	18.92	83.84	87.93
28-Jul-14 21:00:00	28-Jul-14 22:00:00	0.00	0.06	0.00	0.00	4.04	2.1	329.7	0.00	0.02	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	28-Jul-14 21:00:00	0.23	10.37	18.92	83.84	88.01
28-Jul-14 22:00:00	28-Jul-14 23:00:00	0.00	0.00	0.00	0.00	4.30	2.1	329.7	0.00	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	28-Jul-14 22:00:00	0.23	10.35	18.92	83.84	88.10
28-Jul-14 23:00:00	29-Jul-14 00:00:00	0.00	0.00	0.00	0.00	4.56	2.1	329.7	0.00	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	28-Jul-14 23:00:00	0.23	10.35	18.92	83.84	88.18
29-Jul-14 00:00:00	29-Jul-14 01:00:00	0.00	0.00	0.00	0.00	4.69	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	29-Jul-14 00:00:00	0.23	10.35	18.92	83.84	88.23
29-Jul-14 01:00:00	29-Jul-14 02:00:00	0.00	1.12	0.00	0.00	4.78	2.1	329.7	0.00	0.04	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	29-Jul-14 01:00:00	0.23	10.39	18.92	83.84	88.25
29-Jul-14 02:00:00	29-Jul-14 03:00:00	0.00	0.29	0.00	0.00	4.86	2.1	329.7	0.00	0.10	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	29-Jul-14 02:00:00	0.23	10.45	18.92	83.84	88.28
29-Jul-14 03:00:00	29-Jul-14 04:00:00	0.00	0.62	0.00	0.00	4.94	2.1	329.7	0.00	0.20	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	29-Jul-14 03:00:00	0.23	10.55	18.92	83.84	88.31
29-Jul-14 04:00:00	29-Jul-14 05:00:00	0.00	0.98	0.00	0.00	5.06	2.1	329.7	0.00	0.32	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	29-Jul-14 04:00:00	0.23	10.67	18.92	83.84	88.35
29-Jul-14 05:00:00	29-Jul-14 06:00:00	0.00	1.55	0.00	0.00	5.18	2.1	329.7	0.00	0.51	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	29-Jul-14 05:00:00	0.23	10.86	18.92	83.84	88.39
29-Jul-14 06:00:00	29-Jul-14 07:00:00	0.00	2.91	0.00	0.00	5.13	2.1	329.7	0.00	0.96	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	29-Jul-14 06:00:00	0.23	11.31	18.92	83.84	88.46
29-Jul-14 07:00:00	29-Jul-14 08:00:00	0.00	0.39	0.00	0.00	5.40	2.1	329.7	0.00	0.13	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	29-Jul-14 07:00:00	0.23	10.48	18.92	83.84	88.48
29-Jul-14 08:00:00	29-Jul-14 09:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	29-Jul-14 08:00:00	0.23	10.35	18.92	83.84	88.46
29-Jul-14 09:00:00	29-Jul-14 10:00:00	0.00	0.00	0.00	0.00	5.35	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	29-Jul-14 09:00:00	0.23	10.35	18.92	83.84	88.44
29-Jul-14 10:00:00	29-Jul-14 11:00:00	0.00	0.00	0.00	0.00	5.29	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	29-Jul-14 10:00:00	0.23	10.35	18.92	83.84	88.43
29-Jul-14 11:00:00	29-Jul-14 12:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	29-Jul-14 11:00:00	0.23	10.35	18.92	83.84	88.40
29-Jul-14 12:00:00	29-Jul-14 13:00:00	0.00	0.00	0.00	0.00	5.678	2.1	329.7	0.00	0.00	0.00	0.00	1.872	0.23	10.35	18.92	83.84	86.68	29-Jul-14 12:00:00	0.23	10.35	18.92	83.84	105.40
29-Jul-14 13:00:00	29-Jul-14 14:00:00	0.00	0.00	0.00	0.00	5.33	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	29-Jul-14 13:00:00	0.23	10.35	18.92	83.84	88.44
29-Jul-14 14:00:00	29-Jul-14 15:00:00	0.00	0.53	0.00	0.00	5.28	2.1	329.7	0.00	0.18	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	29-Jul-14 14:00:00	0.23	10.53	18.92	83.84	88.42
29-Jul-14 15:00:00	29-Jul-14 16:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	29-Jul-14 15:00:00	0.23	10.35	18.92	83.84	88.40
29-Jul-14 16:00:00	29-Jul-14 17:00:00	0.00	0.00	0.00	0.00	36.87	2.1	329.7	0.00	0.00	0.00	0.00	12.15	0.23	10.35	18.92	83.84	86.68	29-Jul-14 16:00:00	0.23	10.35	18.92	83.84	98.

31-Jul-14 19:00:00	31-Jul-14 20:00:00	0.00	1.67	0.00	0.00	5.23	2.1	329.7	0.00	0.55	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	31-Jul-14 19:00:00	0.23	10.90	18.92	83.84	88.40
31-Jul-14 20:00:00	31-Jul-14 21:00:00	0.00	12.12	0.00	0.00	5.57	2.1	329.7	0.00	4.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	31-Jul-14 20:00:00	0.23	14.35	18.92	83.84	88.52
31-Jul-14 21:00:00	31-Jul-14 22:00:00	0.00	13.30	0.00	0.00	5.84	2.1	329.7	0.00	4.39	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	31-Jul-14 21:00:00	0.23	14.74	18.92	83.84	88.61
31-Jul-14 22:00:00	31-Jul-14 23:00:00	0.00	8.64	0.00	0.00	5.73	2.1	329.7	0.00	2.85	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	31-Jul-14 22:00:00	0.23	13.20	18.92	83.84	88.57
31-Jul-14 23:00:00	01-Aug-14 00:00:00	0.00	7.65	0.00	0.00	5.62	2.1	329.7	0.00	2.52	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	31-Jul-14 23:00:00	0.23	12.87	18.92	83.84	88.53
01-Aug-14 00:00:00	01-Aug-14 01:00:00	0.00	8.84	0.00	0.00	5.50	2.1	329.7	0.00	2.91	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	01-Aug-14 00:00:00	0.23	13.26	18.92	83.84	88.49
01-Aug-14 01:00:00	01-Aug-14 02:00:00	0.00	8.99	0.00	0.00	5.49	2.1	329.7	0.00	2.96	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	01-Aug-14 01:00:00	0.23	13.31	18.92	83.84	88.48
01-Aug-14 02:00:00	01-Aug-14 03:00:00	0.00	9.05	0.00	0.00	5.47	2.1	329.7	0.00	2.98	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	01-Aug-14 02:00:00	0.23	13.33	18.92	83.84	88.48
01-Aug-14 03:00:00	01-Aug-14 04:00:00	0.00	9.11	0.00	0.00	34.63	2.1	329.7	0.00	3.00	0.00	0.00	11.42	0.23	10.35	18.92	83.84	86.68	01-Aug-14 03:00:00	0.23	13.35	18.92	83.84	98.10
01-Aug-14 04:00:00	01-Aug-14 05:00:00	0.00	9.16	0.00	0.00	5.59	2.1	329.7	0.00	3.02	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	01-Aug-14 04:00:00	0.23	13.37	18.92	83.84	88.52
01-Aug-14 05:00:00	01-Aug-14 06:00:00	0.00	9.24	0.00	0.00	7.73	2.1	329.7	0.00	3.05	0.00	0.00	2.55	0.23	10.35	18.92	83.84	86.68	01-Aug-14 05:00:00	0.23	13.40	18.92	83.84	89.23
01-Aug-14 06:00:00	01-Aug-14 07:00:00	0.00	9.32	0.00	0.00	5.48	2.1	329.7	0.00	3.07	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	01-Aug-14 06:00:00	0.23	13.42	18.92	83.84	88.49
01-Aug-14 07:00:00	01-Aug-14 08:00:00	0.00	9.41	0.00	0.00	35.04	2.1	329.7	0.00	3.10	0.00	0.00	11.55	0.23	10.35	18.92	83.84	86.68	01-Aug-14 07:00:00	0.23	13.45	18.92	83.84	98.23
01-Aug-14 08:00:00	01-Aug-14 09:00:00	0.00	9.44	0.00	0.00	5.55	2.1	329.7	0.00	3.11	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	01-Aug-14 08:00:00	0.23	13.46	18.92	83.84	88.51
01-Aug-14 09:00:00	01-Aug-14 10:00:00	0.00	8.71	0.00	0.00	75.31	2.1	329.7	0.00	2.87	0.00	0.00	24.83	0.23	10.35	18.92	83.84	86.68	01-Aug-14 09:00:00	0.23	13.22	18.92	83.84	111.51
01-Aug-14 10:00:00	01-Aug-14 11:00:00	0.00	8.46	0.00	0.00	5.61	2.1	329.7	0.00	2.79	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	01-Aug-14 10:00:00	0.23	13.14	18.92	83.84	88.53
01-Aug-14 11:00:00	01-Aug-14 12:00:00	0.00	8.21	0.00	0.00	107.37	2.1	329.7	0.00	2.71	0.00	0.00	35.40	0.23	10.35	18.92	83.84	86.68	01-Aug-14 11:00:00	0.23	13.06	18.92	83.84	122.08
01-Aug-14 12:00:00	01-Aug-14 13:00:00	0.00	6.01	0.00	0.00	5.53	2.1	329.7	0.00	1.98	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	01-Aug-14 12:00:00	0.23	12.33	18.92	83.84	88.50
01-Aug-14 13:00:00	01-Aug-14 14:00:00	0.00	5.02	0.00	0.00	5.44	2.1	329.7	0.00	1.66	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	01-Aug-14 13:00:00	0.23	12.01	18.92	83.84	88.47
01-Aug-14 14:00:00	01-Aug-14 15:00:00	0.00	4.47	0.00	0.00	5.34	2.1	329.7	0.00	1.48	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	01-Aug-14 14:00:00	0.23	11.83	18.92	83.84	88.44
01-Aug-14 15:00:00	01-Aug-14 16:00:00	0.00	4.55	0.00	0.00	5.26	2.1	329.7	0.00	1.50	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	01-Aug-14 15:00:00	0.23	11.85	18.92	83.84	88.41
01-Aug-14 16:00:00	01-Aug-14 17:00:00	0.00	5.70	0.00	0.00	5.35	2.1	329.7	0.00	1.88	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	01-Aug-14 16:00:00	0.23	12.23	18.92	83.84	88.45
01-Aug-14 17:00:00	01-Aug-14 18:00:00	0.00	6.20	0.00	0.00	7.27	2.1	329.7	0.00	2.04	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	01-Aug-14 17:00:00	0.23	12.39	18.92	83.84	89.08
01-Aug-14 18:00:00	01-Aug-14 19:00:00	0.00	7.32	0.00	0.00	5.52	2.1	329.7	0.00	2.41	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	01-Aug-14 18:00:00	0.23	12.76	18.92	83.84	88.50
01-Aug-14 19:00:00	01-Aug-14 20:00:00	0.00	8.04	0.00	0.00	5.42	2.1	329.7	0.00	2.65	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	01-Aug-14 19:00:00	0.23	13.00	18.92	83.84	88.47
01-Aug-14 20:00:00	01-Aug-14 21:00:00	0.00	7.57	0.00	0.00	5.32	2.1	329.7	0.00	2.50	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	01-Aug-14 20:00:00	0.23	12.85	18.92	83.84	88.43
01-Aug-14 21:00:00	01-Aug-14 22:00:00	0.00	7.10	0.00	0.00	5.22	2.1	329.7	0.00	2.34	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	01-Aug-14 21:00:00	0.23	12.69	18.92	83.84	88.40
01-Aug-14 22:00:00	01-Aug-14 23:00:00	0.00	6.37	0.00	0.00	5.20	2.1	329.7	0.00	2.10	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	01-Aug-14 22:00:00	0.23	12.45	18.92	83.84	88.39
01-Aug-14 23:00:00	02-Aug-14 00:00:00	0.00	2.31	0.00	0.00	5.75	2.1	329.7	0.00	0.76	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	01-Aug-14 23:00:00	0.23	11.11	18.92	83.84	88.58
02-Aug-14 00:00:00	02-Aug-14 01:00:00	0.00	0.00	0.00	0.00	5.34	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	02-Aug-14 00:00:00	0.23	10.35	18.92	83.84	88.44
02-Aug-14 01:00:00	02-Aug-14 02:00:00	0.00	0.00	0.00	0.00	52.51	2.1	329.7	0.00	0.00	0.00	0.00	17.31	0.23	10.35	18.92	83.84	86.68	02-Aug-14 01:00:00	0.23	10.35	18.92	83.84	103.99
02-Aug-14 02:00:00	02-Aug-14 03:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	02-Aug-14 02:00:00	0.23	10.35	18.92	83.84	88.45
02-Aug-14 03:00:00	02-Aug-14 04:00:00	0.00	0.00	0.00	0.00	50.43	2.1	329.7	0.00	0.00	0.00	0.00	16.63	0.23	10.35	18.92	83.84	86.68	02-Aug-14 03:00:00	0.23	10.35	18.92	83.84	103.31
02-Aug-14 04:00:00	02-Aug-14 05:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	02-Aug-14 04:00:00	0.23	10.35	18.92	83.84	88.52
02-Aug-14 05:00:00	02-Aug-14 06:00:00	0.00	0.00	0.00	0.00	5.65	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	02-Aug-14 05:00:00	0.23	10.35	18.92	83.84	88.54
02-Aug-14 06:00:00	02-Aug-14 07:00:00	0.00	0.00	0.00	0.00	13.97	2.1	329.7	0.00	0.00	0.00	0.00	4.60	0.23	10.35	18.92	83.84	86.68	02-Aug-14 06:00:00	0.23	10.35	18.92	83.84	91.28
02-Aug-14 07:00:00	02-Aug-14 08:00:00	0.00	0.11	0.00	0.00	5.55	2.1	329.7	0.00	0.43	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	02-Aug-14 07:00:00	0.23	10.38	18.92	83.84	88.51
02-Aug-14 08:00:00	02-Aug-14 09:00:00	0.00	1.34	0.00	0.00	5.59	2.1	329.7	0.00	0.44	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	02-Aug-14 08:00:00	0.23	10.79	18.92	83.84	88.52
02-Aug-14 09:00:00	02-Aug-14 10:00:00	0.00	0.32	0.00	0.00	5.46	2.1	329.7	0.00	0.11	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	02-Aug-14 09:00:00	0.23	10.46	18.92	83.84	88.48
02-Aug-14 10:00:00	02-Aug-14 11:00:00	0.00	5.34	0.00	0.00	60.71	2.1	329.7	0.00	1.76	0.00	0.00	20.02	0.23	10.35	18.92	83.84	86.68	02-Aug-14 10:00:00	0.23	12.11	18.92	83.84	106.70
02-Aug-14 11:00:00	02-Aug-14 12:00:00	0.00	4.92	0.00	0.00	5.76	2.1	329.7	0.00	1.62	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	02-Aug-14 11:00:00	0.23	11.97	18.92	83.84	88.58
02-Aug-14 12:00:00	02-Aug-14 13:00:00	0.00	5.65	0.00	0.00	65.24	2.1	329.7	0.00	1.86	0.00	0.00	21.51	0.23	10.35	18.92	83.84	86.68	02-Aug-14 12:00:00	0.23	12.21	18.92	83.84	108.19
02-Aug-14 13:00:00	02-Aug-14 14:00:00	0.00	4.65	0.00	0.00	5.59	2.1	329.7	0.00	1.53	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	02-Aug-14 13:00:00	0.23	11.88	18.92	83.84	88.52
02-Aug-14 14:00:00	02-Aug-14 15:00:00	0.00	5.08	0.00	0.00	5.48	2.1	329.7	0.00	1.67	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	02-Aug-14 14:00:00	0.23	12.02	18.92	83.84	88.49
02-Aug-14 15:00:00	02-Aug-14 16:00:00	0.00	2.76	0.00	0.00	5.36	2.1	329.7	0.00	0.91	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	02-Aug-14 15:00:00	0.23	11.26	18.92	83.84	88.

04-Aug-14 14:00:00	04-Aug-14 15:00:00	1,636.07	0.00	0.00	0.00	4.22	2.1	329.7	539.41	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	04-Aug-14 14:00:00	539.64	10.35	18.92	83.84	88.07
04-Aug-14 15:00:00	04-Aug-14 16:00:00	1,636.85	0.00	0.00	0.00	4.64	2.1	329.7	539.67	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	04-Aug-14 15:00:00	539.90	10.35	18.92	83.84	88.21
04-Aug-14 16:00:00	04-Aug-14 17:00:00	1,636.88	0.00	0.00	0.00	4.09	2.1	329.7	539.68	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	04-Aug-14 16:00:00	539.91	10.35	18.92	83.84	88.03
04-Aug-14 17:00:00	04-Aug-14 18:00:00	1,637.37	0.00	0.00	0.00	114.11	2.1	329.7	539.84	0.00	0.00	0.00	37.62	0.23	10.35	18.92	83.84	86.68	04-Aug-14 17:00:00	540.07	10.35	18.92	83.84	124.30
04-Aug-14 18:00:00	04-Aug-14 19:00:00	1,671.99	0.00	0.00	0.00	4.40	2.1	329.7	551.26	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	04-Aug-14 18:00:00	551.49	10.35	18.92	83.84	88.13
04-Aug-14 19:00:00	04-Aug-14 20:00:00	1,916.03	0.00	0.00	0.00	4.53	2.1	329.7	631.71	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	04-Aug-14 19:00:00	631.94	10.35	18.92	83.84	88.17
04-Aug-14 20:00:00	04-Aug-14 21:00:00	2,012.27	0.00	0.00	0.00	4.66	2.1	329.7	663.45	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	04-Aug-14 20:00:00	663.68	10.35	18.92	83.84	88.22
04-Aug-14 21:00:00	04-Aug-14 22:00:00	2,137.83	0.00	0.00	0.00	229.97	2.1	329.7	704.84	0.00	0.00	0.00	75.82	0.23	10.35	18.92	83.84	86.68	04-Aug-14 21:00:00	705.07	10.35	18.92	83.84	162.50
04-Aug-14 22:00:00	04-Aug-14 23:00:00	2,134.58	0.00	0.00	0.00	338.81	2.1	329.7	703.77	0.00	0.00	0.00	111.71	0.23	10.35	18.92	83.84	86.68	04-Aug-14 22:00:00	704.00	10.35	18.92	83.84	198.39
04-Aug-14 23:00:00	05-Aug-14 00:00:00	2,133.88	0.00	0.00	0.00	338.94	2.1	329.7	703.54	0.00	0.00	0.00	101.86	0.23	10.35	18.92	83.84	86.68	04-Aug-14 23:00:00	703.77	10.35	18.92	83.84	188.54
05-Aug-14 00:00:00	05-Aug-14 01:00:00	2,129.54	0.00	0.00	0.00	467.45	2.1	329.7	702.11	0.00	0.00	0.00	154.12	0.23	10.35	18.92	83.84	86.68	05-Aug-14 00:00:00	702.34	10.35	18.92	83.84	240.80
05-Aug-14 01:00:00	05-Aug-14 02:00:00	2,129.13	0.00	0.00	0.00	530.07	2.1	329.7	701.97	0.00	0.00	0.00	174.76	0.23	10.35	18.92	83.84	86.68	05-Aug-14 01:00:00	702.20	10.35	18.92	83.84	261.44
05-Aug-14 02:00:00	05-Aug-14 03:00:00	2,079.52	0.14	0.00	0.00	520.97	2.1	329.7	685.62	0.05	0.00	0.00	171.76	0.23	10.35	18.92	83.84	86.68	05-Aug-14 02:00:00	685.85	10.40	18.92	83.84	258.44
05-Aug-14 03:00:00	05-Aug-14 04:00:00	1,948.46	0.36	0.00	0.00	516.51	2.1	329.7	642.41	0.12	0.00	0.00	170.29	0.23	10.35	18.92	83.84	86.68	05-Aug-14 03:00:00	642.64	10.47	18.92	83.84	256.97
05-Aug-14 04:00:00	05-Aug-14 05:00:00	1,888.08	0.52	0.00	0.00	490.99	2.1	329.7	622.50	0.17	0.00	0.00	161.88	0.23	10.35	18.92	83.84	86.68	05-Aug-14 04:00:00	622.73	10.52	18.92	83.84	248.56
05-Aug-14 05:00:00	05-Aug-14 06:00:00	1,997.92	0.00	0.00	0.00	508.52	2.1	329.7	658.72	0.00	0.00	0.00	167.66	0.23	10.35	18.92	83.84	86.68	05-Aug-14 05:00:00	658.95	10.35	18.92	83.84	254.34
05-Aug-14 06:00:00	05-Aug-14 07:00:00	2,006.39	0.00	0.00	0.00	545.79	2.1	329.7	661.51	0.00	0.00	0.00	179.95	0.23	10.35	18.92	83.84	86.68	05-Aug-14 06:00:00	661.74	10.35	18.92	83.84	266.63
05-Aug-14 07:00:00	05-Aug-14 08:00:00	2,019.97	0.00	0.00	0.00	506.38	2.1	329.7	665.99	0.00	0.00	0.00	166.95	0.23	10.35	18.92	83.84	86.68	05-Aug-14 07:00:00	666.22	10.35	18.92	83.84	253.63
05-Aug-14 08:00:00	05-Aug-14 09:00:00	1,917.55	0.00	0.00	0.00	229.83	2.1	329.7	632.22	0.00	0.00	0.00	75.77	0.23	10.35	18.92	83.84	86.68	05-Aug-14 08:00:00	632.45	10.35	18.92	83.84	162.45
05-Aug-14 09:00:00	05-Aug-14 10:00:00	1,838.10	0.00	0.00	0.00	4.74	2.1	329.7	606.02	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	05-Aug-14 09:00:00	606.25	10.35	18.92	83.84	88.24
05-Aug-14 10:00:00	05-Aug-14 11:00:00	1,942.81	0.00	0.00	0.00	4.56	2.1	329.7	640.55	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	05-Aug-14 10:00:00	640.78	10.35	18.92	83.84	88.18
05-Aug-14 11:00:00	05-Aug-14 12:00:00	2,004.90	0.00	0.00	0.00	4.38	2.1	329.7	661.02	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	05-Aug-14 11:00:00	661.25	10.35	18.92	83.84	88.13
05-Aug-14 12:00:00	05-Aug-14 13:00:00	1,953.29	0.00	0.00	0.00	4.22	2.1	329.7	644.00	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	05-Aug-14 12:00:00	644.23	10.35	18.92	83.84	88.07
05-Aug-14 13:00:00	05-Aug-14 14:00:00	1,944.44	0.00	0.00	0.00	4.19	2.1	329.7	641.08	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	05-Aug-14 13:00:00	641.31	10.35	18.92	83.84	88.06
05-Aug-14 14:00:00	05-Aug-14 15:00:00	1,942.62	0.00	0.00	0.00	4.13	2.1	329.7	640.48	0.00	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	05-Aug-14 14:00:00	640.71	10.35	18.92	83.84	88.04
05-Aug-14 15:00:00	05-Aug-14 16:00:00	1,942.70	0.00	0.00	0.00	4.08	2.1	329.7	640.51	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	05-Aug-14 15:00:00	640.74	10.35	18.92	83.84	88.03
05-Aug-14 16:00:00	05-Aug-14 17:00:00	1,941.57	0.00	0.00	0.00	4.03	2.1	329.7	640.13	0.00	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	05-Aug-14 16:00:00	640.36	10.35	18.92	83.84	88.01
05-Aug-14 17:00:00	05-Aug-14 18:00:00	1,941.54	0.00	0.00	0.00	4.11	2.1	329.7	640.13	0.00	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	05-Aug-14 17:00:00	640.36	10.35	18.92	83.84	88.04
05-Aug-14 18:00:00	05-Aug-14 19:00:00	1,940.98	0.00	0.00	0.00	5.91	2.1	329.7	639.94	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	05-Aug-14 18:00:00	640.17	10.35	18.92	83.84	88.63
05-Aug-14 19:00:00	05-Aug-14 20:00:00	1,893.16	0.00	0.00	0.00	5.57	2.1	329.7	624.17	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	05-Aug-14 19:00:00	624.40	10.35	18.92	83.84	88.52
05-Aug-14 20:00:00	05-Aug-14 21:00:00	1,759.07	0.00	0.00	0.00	4.30	2.1	329.7	579.97	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	05-Aug-14 20:00:00	580.20	10.35	18.92	83.84	88.10
05-Aug-14 21:00:00	05-Aug-14 22:00:00	2,042.90	0.00	0.00	0.00	4.21	2.1	329.7	673.54	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	05-Aug-14 21:00:00	673.77	10.35	18.92	83.84	88.20
05-Aug-14 22:00:00	05-Aug-14 23:00:00	2,041.00	0.00	0.00	0.00	4.69	2.1	329.7	672.92	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	05-Aug-14 22:00:00	673.15	10.35	18.92	83.84	88.22
05-Aug-14 23:00:00	06-Aug-14 00:00:00	2,030.35	0.00	0.00	0.00	4.79	2.1	329.7	669.41	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	05-Aug-14 23:00:00	669.64	10.35	18.92	83.84	88.26
06-Aug-14 00:00:00	06-Aug-14 01:00:00	2,025.91	0.00	0.00	0.00	4.90	2.1	329.7	667.94	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	06-Aug-14 00:00:00	668.17	10.35	18.92	83.84	88.30
06-Aug-14 01:00:00	06-Aug-14 02:00:00	1,983.83	0.00	0.00	0.00	6.08	2.1	329.7	654.07	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	06-Aug-14 01:00:00	654.30	10.35	18.92	83.84	88.69
06-Aug-14 02:00:00	06-Aug-14 03:00:00	1,858.22	0.00	0.00	0.00	5.14	2.1	329.7	612.65	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	06-Aug-14 02:00:00	612.88	10.35	18.92	83.84	88.38
06-Aug-14 03:00:00	06-Aug-14 04:00:00	1,981.85	0.00	0.00	0.00	5.14	2.1	329.7	653.42	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	06-Aug-14 03:00:00	653.65	10.35	18.92	83.84	88.38
06-Aug-14 04:00:00	06-Aug-14 05:00:00	1,920.98	0.00	0.00	0.00	5.15	2.1	329.7	633.35	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	06-Aug-14 04:00:00	633.58	10.35	18.92	83.84	88.38
06-Aug-14 05:00:00	06-Aug-14 06:00:00	2,021.11	0.00	0.00	0.00	5.15	2.1	329.7	666.36	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.6						

08-Aug-14 09:00:00	08-Aug-14 09:00:00	0.00	0.00	0.00	0.00	5.36	2.1	329.7	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	08-Aug-14 09:00:00	0.23	10.35	18.92	83.84	88.45
08-Aug-14 10:00:00	08-Aug-14 11:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	08-Aug-14 10:00:00	0.23	10.35	18.92	83.84	88.42
08-Aug-14 11:00:00	08-Aug-14 12:00:00	0.00	0.00	0.00	0.00	80.61	2.1	329.7	0.00	0.00	0.00	26.58	0.23	10.35	18.92	83.84	86.68	08-Aug-14 11:00:00	0.23	10.35	18.92	83.84	113.26
08-Aug-14 12:00:00	08-Aug-14 13:00:00	0.00	0.62	0.00	0.00	5.15	2.1	329.7	0.00	0.20	0.00	1.70	0.23	10.35	18.92	83.84	86.68	08-Aug-14 12:00:00	0.23	10.55	18.92	83.84	88.38
08-Aug-14 13:00:00	08-Aug-14 14:00:00	0.00	0.42	0.00	0.00	5.12	2.1	329.7	0.00	0.14	0.00	1.69	0.23	10.35	18.92	83.84	86.68	08-Aug-14 13:00:00	0.23	10.49	18.92	83.84	88.37
08-Aug-14 14:00:00	08-Aug-14 15:00:00	0.00	0.00	0.00	0.00	8.93	2.1	329.7	0.00	0.00	0.00	2.94	0.23	10.35	18.92	83.84	86.68	08-Aug-14 14:00:00	0.23	10.35	18.92	83.84	88.31
08-Aug-14 15:00:00	08-Aug-14 16:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	08-Aug-14 15:00:00	0.23	10.35	18.92	83.84	88.31
08-Aug-14 16:00:00	08-Aug-14 17:00:00	0.00	0.00	0.00	0.00	4.89	2.1	329.7	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	08-Aug-14 16:00:00	0.23	10.35	18.92	83.84	88.29
08-Aug-14 17:00:00	08-Aug-14 18:00:00	0.00	0.00	0.00	0.00	4.85	2.1	329.7	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	08-Aug-14 17:00:00	0.23	10.35	18.92	83.84	88.28
08-Aug-14 18:00:00	08-Aug-14 19:00:00	0.00	0.00	0.00	0.00	4.70	2.1	329.7	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	08-Aug-14 18:00:00	0.23	10.35	18.92	83.84	88.23
08-Aug-14 19:00:00	08-Aug-14 20:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	08-Aug-14 19:00:00	0.23	10.35	18.92	83.84	88.22
08-Aug-14 20:00:00	08-Aug-14 21:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	08-Aug-14 20:00:00	0.23	10.35	18.92	83.84	88.22
08-Aug-14 21:00:00	08-Aug-14 22:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	08-Aug-14 21:00:00	0.23	10.35	18.92	83.84	88.22
08-Aug-14 22:00:00	08-Aug-14 23:00:00	0.00	0.00	0.00	0.00	4.82	2.1	329.7	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	08-Aug-14 22:00:00	0.23	10.35	18.92	83.84	88.27
08-Aug-14 23:00:00	09-Aug-14 00:00:00	0.00	0.00	0.00	0.00	13.08	2.1	329.7	0.00	0.00	0.00	4.31	0.23	10.35	18.92	83.84	86.68	08-Aug-14 23:00:00	0.23	10.35	18.92	83.84	90.99
09-Aug-14 00:00:00	09-Aug-14 01:00:00	0.00	0.00	0.00	0.00	5.21	2.1	329.7	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	09-Aug-14 00:00:00	0.23	10.35	18.92	83.84	88.40
09-Aug-14 01:00:00	09-Aug-14 02:00:00	0.00	8.93	0.00	0.00	78.22	2.1	329.7	0.00	2.94	0.00	25.79	0.23	10.35	18.92	83.84	86.68	09-Aug-14 01:00:00	0.23	13.29	18.92	83.84	112.47
09-Aug-14 02:00:00	09-Aug-14 03:00:00	0.00	8.89	0.00	0.00	5.26	2.1	329.7	0.00	2.93	0.00	1.74	0.23	10.35	18.92	83.84	86.68	09-Aug-14 02:00:00	0.23	13.28	18.92	83.84	88.42
09-Aug-14 03:00:00	09-Aug-14 04:00:00	0.18	4.53	0.00	0.00	39.32	2.1	329.7	0.06	1.49	0.00	12.96	0.23	10.35	18.92	83.84	86.68	09-Aug-14 03:00:00	0.29	11.84	18.92	83.84	99.64
09-Aug-14 04:00:00	09-Aug-14 05:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	09-Aug-14 04:00:00	0.23	10.35	18.92	83.84	88.47
09-Aug-14 05:00:00	09-Aug-14 06:00:00	0.00	0.00	0.00	0.00	115.30	2.1	329.7	0.00	0.00	0.00	38.02	0.23	10.35	18.92	83.84	86.68	09-Aug-14 05:00:00	0.23	10.35	18.92	83.84	124.70
09-Aug-14 06:00:00	09-Aug-14 07:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	09-Aug-14 06:00:00	0.23	10.35	18.92	83.84	88.42
09-Aug-14 07:00:00	09-Aug-14 08:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	09-Aug-14 07:00:00	0.23	10.35	18.92	83.84	88.84
09-Aug-14 08:00:00	09-Aug-14 09:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	09-Aug-14 08:00:00	0.23	10.35	18.92	83.84	88.43
09-Aug-14 09:00:00	09-Aug-14 10:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	09-Aug-14 09:00:00	0.23	10.35	18.92	83.84	88.42
09-Aug-14 10:00:00	09-Aug-14 11:00:00	0.00	0.00	0.00	0.00	81.48	2.1	329.7	0.00	0.00	0.00	26.86	0.23	10.35	18.92	83.84	86.68	09-Aug-14 10:00:00	0.23	10.35	18.92	83.84	113.54
09-Aug-14 11:00:00	09-Aug-14 12:00:00	0.00	0.08	0.00	0.00	5.11	2.1	329.7	0.00	0.03	0.00	1.68	0.23	10.35	18.92	83.84	86.68	09-Aug-14 11:00:00	0.23	10.38	18.92	83.84	88.36
09-Aug-14 12:00:00	09-Aug-14 13:00:00	0.00	0.71	0.00	0.00	4.97	2.1	329.7	0.00	0.23	0.00	1.64	0.23	10.35	18.92	83.84	86.68	09-Aug-14 12:00:00	0.23	10.58	18.92	83.84	88.32
09-Aug-14 13:00:00	09-Aug-14 14:00:00	0.00	1.36	0.00	0.00	4.84	2.1	329.7	0.00	0.45	0.00	1.59	0.23	10.35	18.92	83.84	86.68	09-Aug-14 13:00:00	0.23	10.80	18.92	83.84	88.27
09-Aug-14 14:00:00	09-Aug-14 15:00:00	0.00	2.42	0.00	0.00	4.70	2.1	329.7	0.00	0.80	0.00	1.55	0.23	10.35	18.92	83.84	86.68	09-Aug-14 14:00:00	0.23	11.15	18.92	83.84	88.23
09-Aug-14 15:00:00	09-Aug-14 16:00:00	0.00	2.45	0.00	0.00	4.63	2.1	329.7	0.00	0.81	0.00	1.53	0.23	10.35	18.92	83.84	86.68	09-Aug-14 15:00:00	0.23	11.16	18.92	83.84	88.21
09-Aug-14 16:00:00	09-Aug-14 17:00:00	0.00	0.00	0.00	0.00	59.32	2.1	329.7	0.00	0.74	0.00	18.57	0.23	10.35	18.92	83.84	86.68	09-Aug-14 16:00:00	0.23	11.09	18.92	83.84	105.25
09-Aug-14 17:00:00	09-Aug-14 18:00:00	0.50	1.61	0.00	0.00	4.51	2.1	329.7	0.16	0.53	0.00	1.49	0.23	10.35	18.92	83.84	86.68	09-Aug-14 17:00:00	0.39	10.88	18.92	83.84	88.17
09-Aug-14 18:00:00	09-Aug-14 19:00:00	0.00	0.96	0.00	0.00	4.81	2.1	329.7	0.00	0.32	0.00	1.59	0.23	10.35	18.92	83.84	86.68	09-Aug-14 18:00:00	0.23	10.67	18.92	83.84	88.27
09-Aug-14 19:00:00	09-Aug-14 20:00:00	0.00	0.31	0.00	0.00	5.11	2.1	329.7	0.00	0.10	0.00	1.68	0.23	10.35	18.92	83.84	86.68	09-Aug-14 19:00:00	0.23	10.45	18.92	83.84	88.36
09-Aug-14 20:00:00	09-Aug-14 21:00:00	0.00	0.00	0.00	0.00	5.39	2.1	329.7	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	09-Aug-14 20:00:00	0.23	10.35	18.92	83.84	88.46
09-Aug-14 21:00:00	09-Aug-14 22:00:00	0.00	0.00	0.00	0.00	5.33	2.1	329.7	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	09-Aug-14 21:00:00	0.23	10.35	18.92	83.84	88.44
09-Aug-14 22:00:00	09-Aug-14 23:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	09-Aug-14 22:00:00	0.23	10.35	18.92	83.84	88.46
09-Aug-14 23:00:00	10-Aug-14 00:00:00	0.00	0.28	0.00	0.00	5.46	2.1	329.7	0.00	0.09	0.00	1.80	0.23	10.35	18.92	83.84	86.68	09-Aug-14 23:00:00	0.23	10.44	18.92	83.84	88.48
10-Aug-14 00:00:00	10-Aug-14 01:00:00	0.00	1.87	0.00	0.00	5.53	2.1	329.7	0.00	0.62	0.00	1.82	0.23	10.35	18.92	83.84	86.68	10-Aug-14 00:00:00	0.23	10.97	18.92	83.84	88.50
10-Aug-14 01:00:00	10-Aug-14 02:00:00	0.00	2.26	0.00	0.00	26.67	2.1	329.7	0.00	0.74	0.00	8.79	0.23	10.35	18.92	83.84	86.68	10-Aug-14 01:00:00	0.23	11.09	18.92	83.84	95.47
10-Aug-14 02:00:00	10-Aug-14 03:00:00	0.00	2.38	0.00	0.00	5.71	2.1	329.7	0.00	0.78	0.00	1.88	0.23	10.35	18.92	83.84	86.68	10-Aug-14 02:00:00	0.23	11.13	18.92	83.84	88.56
10-Aug-14 03:00:00	10-Aug-14 04:00:00	0.00	3.21	0.00	0.00	53.55	2.1	329.7	0.00	1.06	0.00	17.66	0.23	10.35	18.92	83.84	86.68	10-Aug-14 03:00:00	0.23	11.41	18.92	83.84	104.34
10-Aug-14 04:00:00	10-Aug-14 05:00:00	0.00	2.26	0.00	0.00	5.71	2.1	329.7	0.00	0.30	0.00	1.88	0.23	10.35	18.92	83.84	86.68	10-Aug-14 04:00:00	0.23	10.65	18.92	83.84	88.55
10-Aug-14 05:00:00	10-Aug-14 06:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	10-Aug-14 05:00:00	0.23	10.35	18.92	83.84	88.57
10-Aug-14 06:00:00	10-Aug-14 07:00:00	0.00	0.06	0.00	0.00	5.75	2.1	329.7	0.00	0.02	0.00	1.90	0.23	10.35	18.92	83.84	86.68	10-Aug-14 06:00:00	0.23	10.37	18.92	83.84	88.58

12-Aug-14 04:00:00	12-Aug-14 05:00:00	1,505.83	0.00	0.00	0.00	5.00	2.1	329.7	496.47	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	12-Aug-14 04:00:00	496.70	10.35	18.92	83.84	88.33	
12-Aug-14 05:00:00	12-Aug-14 06:00:00	1,497.37	0.00	0.00	0.00	5.01	2.1	329.7	493.68	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	12-Aug-14 05:00:00	493.91	10.35	18.92	83.84	88.33	
12-Aug-14 06:00:00	12-Aug-14 07:00:00	1,523.58	0.00	0.00	0.00	4.95	2.1	329.7	502.33	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	12-Aug-14 06:00:00	502.56	10.35	18.92	83.84	88.31	
12-Aug-14 07:00:00	12-Aug-14 08:00:00	1,362.39	0.00	0.00	0.00	4.86	2.1	329.7	449.18	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	12-Aug-14 07:00:00	449.41	10.35	18.92	83.84	88.28	
12-Aug-14 08:00:00	12-Aug-14 09:00:00	1,010.62	0.00	0.00	0.00	4.78	2.1	329.7	333.20	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	12-Aug-14 08:00:00	333.43	10.35	18.92	83.84	88.26	
12-Aug-14 09:00:00	12-Aug-14 10:00:00	960.23	0.00	0.00	0.00	4.67	2.1	329.7	316.59	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	12-Aug-14 09:00:00	316.82	10.35	18.92	83.84	88.22	
12-Aug-14 10:00:00	12-Aug-14 11:00:00	959.09	0.00	0.00	0.00	4.63	2.1	329.7	316.01	0.00	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	12-Aug-14 10:00:00	316.24	10.35	18.92	83.84	88.18	
12-Aug-14 11:00:00	12-Aug-14 12:00:00	1,002.78	0.00	0.00	0.00	4.43	2.1	329.7	330.62	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	12-Aug-14 11:00:00	330.85	10.35	18.92	83.84	88.14	
12-Aug-14 12:00:00	12-Aug-14 13:00:00	552.04	0.00	0.00	0.00	4.31	2.1	329.7	182.01	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	12-Aug-14 12:00:00	182.24	10.35	18.92	83.84	88.10	
12-Aug-14 13:00:00	12-Aug-14 14:00:00	0.00	0.00	0.00	0.00	4.17	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	12-Aug-14 13:00:00	0.23	10.35	18.92	83.84	88.06	
12-Aug-14 14:00:00	12-Aug-14 15:00:00	0.00	0.00	0.00	0.00	4.21	2.1	329.7	0.00	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	12-Aug-14 14:00:00	0.23	10.35	18.92	83.84	88.07	
12-Aug-14 15:00:00	12-Aug-14 16:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	12-Aug-14 15:00:00	0.23	10.35	18.92	83.84	88.11	
12-Aug-14 16:00:00	12-Aug-14 17:00:00	0.00	0.00	0.00	0.00	4.44	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	12-Aug-14 16:00:00	0.23	10.35	18.92	83.84	88.15	
12-Aug-14 17:00:00	12-Aug-14 18:00:00	0.00	0.00	0.00	0.00	3.11	4.55	2.1	329.7	0.00	0.00	0.00	1.03	1.50	0.23	10.35	18.92	83.84	86.68	12-Aug-14 17:00:00	0.23	10.35	18.92	83.84	88.18
12-Aug-14 18:00:00	12-Aug-14 19:00:00	0.00	0.00	0.00	0.00	0.99	4.62	2.1	329.7	0.00	0.00	0.00	0.33	1.52	0.23	10.35	18.92	83.84	86.68	12-Aug-14 18:00:00	0.23	10.35	18.92	83.84	88.20
12-Aug-14 19:00:00	12-Aug-14 20:00:00	0.00	0.00	0.00	0.00	23.15	2.1	329.7	0.00	0.00	0.00	0.00	7.63	0.23	10.35	18.92	83.84	86.68	12-Aug-14 19:00:00	0.23	10.35	18.92	83.84	94.31	
12-Aug-14 20:00:00	12-Aug-14 21:00:00	0.00	0.00	0.00	0.00	6.41	4.97	2.1	329.7	0.00	0.00	0.00	2.11	1.64	0.23	10.35	18.92	83.84	86.68	12-Aug-14 20:00:00	0.23	10.35	18.92	85.95	88.32
12-Aug-14 21:00:00	12-Aug-14 22:00:00	0.00	0.00	0.00	0.00	1.59	5.03	2.1	329.7	0.00	0.00	0.00	0.52	1.66	0.23	10.35	18.92	83.84	86.68	12-Aug-14 21:00:00	0.23	10.35	18.92	84.36	88.34
12-Aug-14 22:00:00	12-Aug-14 23:00:00	0.00	0.00	0.00	0.00	27.46	5.09	2.1	329.7	0.00	0.00	0.00	3.05	1.68	0.23	10.35	18.92	83.84	86.68	12-Aug-14 22:00:00	0.23	10.35	18.92	92.89	88.36
12-Aug-14 23:00:00	13-Aug-14 00:00:00	0.00	0.00	0.00	0.00	56.94	5.19	2.1	329.7	0.00	0.00	0.00	18.77	1.71	0.23	10.35	18.92	83.84	86.68	12-Aug-14 23:00:00	0.23	10.35	18.92	102.61	88.39
13-Aug-14 00:00:00	13-Aug-14 01:00:00	0.00	0.00	0.00	0.00	73.43	5.35	2.1	329.7	0.00	0.00	0.00	24.21	1.76	0.23	10.35	18.92	83.84	86.68	13-Aug-14 00:00:00	0.23	10.35	18.92	105.05	88.44
13-Aug-14 01:00:00	13-Aug-14 02:00:00	0.00	0.00	0.00	0.00	71.47	5.31	2.1	329.7	0.00	0.00	0.00	23.56	1.75	0.23	10.35	18.92	83.84	86.68	13-Aug-14 01:00:00	0.23	10.35	18.92	107.40	88.43
13-Aug-14 02:00:00	13-Aug-14 03:00:00	0.00	0.00	0.00	0.00	66.50	5.26	2.1	329.7	0.00	0.00	0.00	21.92	1.74	0.23	10.35	18.92	83.84	86.68	13-Aug-14 02:00:00	0.23	10.35	18.92	105.76	88.42
13-Aug-14 03:00:00	13-Aug-14 04:00:00	0.00	0.00	0.00	0.00	75.38	5.22	2.1	329.7	0.00	0.00	0.00	24.85	1.72	0.23	10.35	18.92	83.84	86.68	13-Aug-14 03:00:00	0.23	10.35	18.92	108.69	88.40
13-Aug-14 04:00:00	13-Aug-14 05:00:00	0.00	0.00	0.00	0.00	89.55	13.93	2.1	329.7	0.00	0.00	0.00	29.53	4.59	0.23	10.35	18.92	83.84	86.68	13-Aug-14 04:00:00	0.23	10.35	18.92	113.37	91.27
13-Aug-14 05:00:00	13-Aug-14 06:00:00	0.00	0.00	0.00	0.00	93.38	5.18	2.1	329.7	0.00	0.00	0.00	30.79	1.71	0.23	10.35	18.92	83.84	86.68	13-Aug-14 05:00:00	0.23	10.35	18.92	114.63	88.39
13-Aug-14 06:00:00	13-Aug-14 07:00:00	0.00	0.00	0.00	0.00	94.02	5.12	2.1	329.7	0.00	0.00	0.00	31.00	1.69	0.23	10.35	18.92	83.84	86.68	13-Aug-14 06:00:00	0.23	10.35	18.92	114.84	88.37
13-Aug-14 07:00:00	13-Aug-14 08:00:00	0.00	0.00	0.00	0.00	86.60	5.06	2.1	329.7	0.00	0.00	0.00	28.55	1.67	0.23	10.35	18.92	83.84	86.68	13-Aug-14 07:00:00	0.23	10.35	18.92	112.39	88.35
13-Aug-14 08:00:00	13-Aug-14 09:00:00	0.00	0.00	0.00	0.00	83.79	5.04	2.1	329.7	0.00	0.00	0.00	27.62	1.66	0.23	10.35	18.92	83.84	86.68	13-Aug-14 08:00:00	0.23	10.35	18.92	111.46	88.34
13-Aug-14 09:00:00	13-Aug-14 10:00:00	0.00	0.00	0.00	0.00	74.73	5.03	2.1	329.7	0.00	0.00	0.00	24.64	1.66	0.23	10.35	18.92	83.84	86.68	13-Aug-14 09:00:00	0.23	10.35	18.92	108.48	88.34
13-Aug-14 10:00:00	13-Aug-14 11:00:00	0.00	0.00	0.00	0.00	69.73	4.83	2.1	329.7	0.00	0.00	0.00	22.99	1.59	0.23	10.35	18.92	83.84	86.68	13-Aug-14 10:00:00	0.23	10.35	18.92	106.83	88.27
13-Aug-14 11:00:00	13-Aug-14 12:00:00	0.00	0.00	0.00	0.00	67.58	4.63	2.1	329.7	0.00	0.00	0.00	22.28	1.58	0.23	10.35	18.92	83.84	86.68	13-Aug-14 11:00:00	0.23	10.35	18.92	105.53	88.42
13-Aug-14 12:00:00	13-Aug-14 13:00:00	0.00	0.00	0.00	0.00	65.25	4.48	2.1	329.7	0.00	0.00	0.00	21.55	1.48	0.23	10.35	18.92	83.84	86.68	13-Aug-14 12:00:00	0.23	10.35	18.92	105.29	88.16
13-Aug-14 13:00:00	13-Aug-14 14:00:00	0.00	0.00	0.00	0.00	63.36	4.54	2.1	329.7	0.00	0.00	0.00	20.89	1.50	0.23	10.35	18.92	83.84	86.68	13-Aug-14 13:00:00	0.23	10.35	18.92	104.73	88.18
13-Aug-14 14:00:00	13-Aug-14 15:00:00	0.00	0.00	0.00	0.00	61.64	4.40	2.1	329.7	0.00	0.00	0.00	20.32	1.45	0.23	10.35	18.92	83.84	86.68	13-Aug-14 14:00:00	0.23	10.35	18.92	104.16	88.13
13-Aug-14 15:00:00	13-Aug-14 16:00:00	0.00	0.00	0.00	0.00	60.07	4.27	2.1	329.7	0.00	0.00	0.00	19.81	1.41	0.23	10.35	18.92	83.84	86.68	13-Aug-14 15:00:00	0.23	10.35	18.92	103.65	88.09
13-Aug-14 16:00:00	13-Aug-14 17:00:00	0.00	0.00	0.00	0.00	33.28	4.12	2.1	329.7	0.00	0.00	0.00	10.97	1.36	0.23	10.35	18.92	83.84	86.68	13-Aug-14 16:00:00	0.23	10.35	18.92	94.81	88.04
13-Aug-14 17:00:00	13-Aug-14 18:00:00	0.00	0.00	0.00	0.00	2.94	4.06	2.1	329.7	0.00	0.00	0.00	0.97	1.34	0.23	10.35	18.92	83.84	86.68	13-Aug-14 17:00:00	0.23	10.35	18.92	84.81	88.02
13-Aug-14 18:00:00	13-Aug-14 19:00:00	0.00	0.00	0.00	0.00	4.10	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	13-Aug-14 18:00:00	0.23	10.35	18.92	83.84	88.03	
13-Aug-14 19:00:00	13-Aug-14 20:00:00	0.00	0.00	0.00	0.00	0.98	4.14	2.1	329.7	0.00	0.00	0.00	0.32	1.37	0.23	10.35	18.92	83.84	86.68	13-Aug-14 19:00:00	0.23	10.35	18.92	84.16	88.05
13-Aug-14 20:00:00	13-Aug-14 21:00:00	0.00	0.00	0.00	0.00	34.52	4.20	2.1	329.7	0.00	0.00	0.00	11.38	1.38	0.23	10.35	18.92	83.84	86.68	13-Aug-14 20:00:00	0.23	10.35	18.92	95.22	88.06
13-Aug-14 21:00:00	13-Aug-14 22:00:00	0.00	0.00	0.00	0.00	57.85	6.04	2.1	329.7	0.00	0.00	0.00	19.07	1.99	0.23	10.35	18.92	83.84	86.68	13-Aug-14 21:00:00	0.23	10.35	18.92	102.91	88.67
13-Aug-14 22:00:00	13-Aug-14 23:00:00	0.00	0.00	0.00	0.00	64.68	19.38	2.1	329.7	0.00	0.00	0.00	21.33	6.39	0.23	10.35	18.92	83.84	86.68	13-Aug-14 22:00:00	0.23	10.35	18.92	105.17	92.07
14-Aug-14 00:00:00	14-Aug-14 01:00:00	0.00	0.00	0.00	0.00	65.79	5.28	2.1	329.7	0.00	0.00	0.00	21.69	1.74	0.23	10.35									

23-Aug-14 13:00:00	23-Aug-14 14:00:00	0.00	0.36	0.00	0.00	4.27	2.1	329.7	0.00	0.12	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	23-Aug-14 13:00:00	0.23	10.47	18.92	83.84	88.09
23-Aug-14 14:00:00	23-Aug-14 15:00:00	291.06	0.00	0.00	0.00	4.09	2.1	329.7	95.96	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	23-Aug-14 14:00:00	96.19	10.35	18.92	83.84	88.03
23-Aug-14 15:00:00	23-Aug-14 16:00:00	338.39	0.00	0.00	0.00	5.28	2.1	329.7	111.57	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	23-Aug-14 15:00:00	111.80	10.35	18.92	83.84	88.42
23-Aug-14 16:00:00	23-Aug-14 17:00:00	73.06	0.00	0.00	0.00	3.92	2.1	329.7	24.09	0.00	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	23-Aug-14 16:00:00	24.32	10.35	18.92	83.84	87.97
23-Aug-14 17:00:00	23-Aug-14 18:00:00	0.00	0.00	0.00	0.00	3.99	2.1	329.7	0.00	0.00	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	23-Aug-14 17:00:00	0.23	10.35	18.92	83.84	88.00
23-Aug-14 18:00:00	23-Aug-14 19:00:00	0.00	0.00	0.00	0.00	4.07	2.1	329.7	0.00	0.00	0.00	0.00	1.34	0.23	10.35	18.92	83.84	86.68	23-Aug-14 18:00:00	0.23	10.35	18.92	83.84	88.02
23-Aug-14 19:00:00	23-Aug-14 20:00:00	0.00	0.00	0.00	0.00	4.35	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	23-Aug-14 19:00:00	0.23	10.35	18.92	83.84	88.05
23-Aug-14 20:00:00	23-Aug-14 21:00:00	0.00	0.00	0.00	0.00	4.36	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	23-Aug-14 20:00:00	0.23	10.35	18.92	83.84	88.12
23-Aug-14 21:00:00	23-Aug-14 22:00:00	0.00	0.00	0.00	0.00	4.62	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	23-Aug-14 21:00:00	0.23	10.35	18.92	83.84	88.20
23-Aug-14 22:00:00	23-Aug-14 23:00:00	0.00	0.13	0.00	0.00	4.89	2.1	329.7	0.00	0.04	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	23-Aug-14 22:00:00	0.23	10.39	18.92	83.84	88.29
23-Aug-14 23:00:00	24-Aug-14 00:00:00	0.00	0.36	0.00	0.00	5.15	2.1	329.7	0.00	0.12	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	23-Aug-14 23:00:00	0.23	10.47	18.92	83.84	88.38
24-Aug-14 00:00:00	24-Aug-14 01:00:00	0.00	0.19	0.00	0.00	5.22	2.1	329.7	0.00	0.06	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	24-Aug-14 00:00:00	0.23	10.41	18.92	83.84	88.40
24-Aug-14 01:00:00	24-Aug-14 02:00:00	0.00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	24-Aug-14 01:00:00	0.23	10.35	18.92	83.84	88.41
24-Aug-14 02:00:00	24-Aug-14 03:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	24-Aug-14 02:00:00	0.23	10.35	18.92	83.84	88.42
24-Aug-14 03:00:00	24-Aug-14 04:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	24-Aug-14 03:00:00	0.23	10.35	18.92	83.84	88.43
24-Aug-14 04:00:00	24-Aug-14 05:00:00	0.00	0.00	0.00	0.00	24.06	2.1	329.7	0.00	0.00	0.00	0.00	7.93	0.23	10.35	18.92	83.84	86.68	24-Aug-14 04:00:00	0.23	10.35	18.92	83.84	94.61
24-Aug-14 05:00:00	24-Aug-14 06:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	24-Aug-14 05:00:00	0.23	10.35	18.92	83.84	88.42
24-Aug-14 06:00:00	24-Aug-14 07:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	24-Aug-14 06:00:00	0.23	10.35	18.92	83.84	88.43
24-Aug-14 07:00:00	24-Aug-14 08:00:00	0.00	0.00	0.00	0.00	5.34	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	24-Aug-14 07:00:00	0.23	10.35	18.92	83.84	88.44
24-Aug-14 08:00:00	24-Aug-14 09:00:00	0.00	0.00	0.00	0.00	5.37	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	24-Aug-14 08:00:00	0.23	10.35	18.92	83.84	88.45
24-Aug-14 09:00:00	24-Aug-14 10:00:00	0.00	0.00	0.00	0.00	5.33	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	24-Aug-14 09:00:00	0.23	10.35	18.92	83.84	88.44
24-Aug-14 10:00:00	24-Aug-14 11:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	24-Aug-14 10:00:00	0.23	10.35	18.92	83.84	88.42
24-Aug-14 11:00:00	24-Aug-14 12:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	24-Aug-14 11:00:00	0.23	10.35	18.92	83.84	88.40
24-Aug-14 12:00:00	24-Aug-14 13:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	24-Aug-14 12:00:00	0.23	10.35	18.92	83.84	88.40
24-Aug-14 13:00:00	24-Aug-14 14:00:00	0.00	0.00	0.00	0.00	5.17	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	24-Aug-14 13:00:00	0.23	10.35	18.92	83.84	88.39
24-Aug-14 14:00:00	24-Aug-14 15:00:00	0.00	0.00	0.00	0.00	5.09	2.1	329.7	0.00	0.00	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	24-Aug-14 14:00:00	0.23	10.35	18.92	83.84	88.36
24-Aug-14 15:00:00	24-Aug-14 16:00:00	0.00	0.00	0.00	0.00	5.01	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	24-Aug-14 15:00:00	0.23	10.35	18.92	83.84	88.33
24-Aug-14 16:00:00	24-Aug-14 17:00:00	0.00	0.00	0.00	0.00	4.85	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	24-Aug-14 16:00:00	0.23	10.35	18.92	83.84	88.28
24-Aug-14 17:00:00	24-Aug-14 18:00:00	0.00	0.00	0.00	0.00	4.90	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	24-Aug-14 17:00:00	0.23	10.35	18.92	83.84	88.30
24-Aug-14 18:00:00	24-Aug-14 19:00:00	0.00	0.00	0.00	0.00	5.01	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	24-Aug-14 18:00:00	0.23	10.35	18.92	83.84	88.33
24-Aug-14 19:00:00	24-Aug-14 20:00:00	0.00	0.00	0.00	0.00	5.11	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	24-Aug-14 19:00:00	0.23	10.35	18.92	83.84	88.37
24-Aug-14 20:00:00	24-Aug-14 21:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.05	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	24-Aug-14 20:00:00	0.23	10.40	18.92	83.84	88.39
24-Aug-14 21:00:00	24-Aug-14 22:00:00	0.00	0.92	0.00	0.00	22.23	2.1	329.7	0.00	0.30	0.00	0.00	7.33	0.23	10.35	18.92	83.84	86.68	24-Aug-14 21:00:00	0.23	10.65	18.92	83.84	94.01
24-Aug-14 22:00:00	24-Aug-14 23:00:00	0.00	0.50	0.00	0.00	5.36	2.1	329.7	0.00	0.16	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	24-Aug-14 22:00:00	0.23	10.51	18.92	83.84	88.45
24-Aug-14 23:00:00	25-Aug-14 00:00:00	0.00	0.60	0.00	0.00	5.59	2.1	329.7	0.00	0.20	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	24-Aug-14 23:00:00	0.23	10.55	18.92	83.84	88.52
25-Aug-14 00:00:00	25-Aug-14 01:00:00	0.00	6.35	0.00	0.00	7.54	2.1	329.7	0.00	2.09	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	25-Aug-14 00:00:00	0.23	12.44	18.92	83.84	89.17
25-Aug-14 01:00:00	25-Aug-14 02:00:00	0.00	4.22	0.00	0.00	5.78	2.1	329.7	0.00	1.39	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	25-Aug-14 01:00:00	0.23	11.74	18.92	83.84	88.59
25-Aug-14 02:00:00	25-Aug-14 03:00:00	0.00	3.77	0.00	0.00	5.81	2.1	329.7	0.00	1.24	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	25-Aug-14 02:00:00	0.23	11.59	18.92	83.84	88.60
25-Aug-14 03:00:00	25-Aug-14 04:00:00	0.00	0.00	0.00	0.00	5.84	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	25-Aug-14 03:00:00	0.23	10.35	18.92	83.84	88.61
25-Aug-14 04:00:00	25-Aug-14 05:00:00	0.00	14.18	0.00	0.00	5.85	2.1	329.7	0.00	4.68	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	25-Aug-14 04:00:00	0.23	15.03	18.92	83.84	88.61
25-Aug-14 05:00:00	25-Aug-14 06:00:00	0.00	17.09	0.00	0.00	5.77	2.1	329.7	0.00	5.64	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	25-Aug-14 05:00:00	0.23	15.99	18.92	83.84	

27-Aug-14 08:00:00	27-Aug-14 09:00:00	0.00	18.47	0.00	0.00	5.33	2.1	329.7	0.00	6.09	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	27-Aug-14 08:00:00	0.23	16.44	18.92	83.84	88.44
27-Aug-14 09:00:00	27-Aug-14 10:00:00	0.00	27.46	0.00	0.00	5.12	2.1	329.7	0.00	9.05	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	27-Aug-14 09:00:00	0.23	19.40	18.92	83.84	88.37
27-Aug-14 10:00:00	27-Aug-14 11:00:00	0.00	21.69	0.00	0.00	4.66	2.1	329.7	0.00	7.15	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	27-Aug-14 10:00:00	0.23	17.50	18.92	83.84	88.22
27-Aug-14 11:00:00	27-Aug-14 12:00:00	0.00	10.91	0.00	0.00	15.50	2.1	329.7	0.00	3.60	0.00	0.00	5.11	0.23	10.35	18.92	83.84	86.68	27-Aug-14 11:00:00	0.23	13.95	18.92	83.84	91.79
27-Aug-14 12:00:00	27-Aug-14 13:00:00	0.00	4.32	0.00	0.00	4.06	2.1	329.7	0.00	1.42	0.00	0.00	1.34	0.23	10.35	18.92	83.84	86.68	27-Aug-14 12:00:00	0.23	11.77	18.92	83.84	88.02
27-Aug-14 13:00:00	27-Aug-14 14:00:00	0.00	2.35	0.00	0.00	3.93	2.1	329.7	0.00	0.78	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	27-Aug-14 13:00:00	0.23	11.13	18.92	83.84	87.98
27-Aug-14 14:00:00	27-Aug-14 15:00:00	0.00	13.06	0.00	0.00	4.21	2.1	329.7	0.00	4.31	0.00	0.00	1.26	0.23	10.35	18.92	83.84	86.68	27-Aug-14 14:00:00	0.23	14.66	18.92	83.84	87.94
27-Aug-14 15:00:00	27-Aug-14 16:00:00	0.00	12.38	0.00	0.00	3.68	2.1	329.7	0.00	4.08	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	27-Aug-14 15:00:00	0.23	14.43	18.92	83.84	87.89
27-Aug-14 16:00:00	27-Aug-14 17:00:00	0.00	18.64	0.00	0.00	3.48	2.1	329.7	0.00	6.15	0.00	0.00	1.15	0.23	10.35	18.92	83.84	86.68	27-Aug-14 16:00:00	0.23	16.50	18.92	83.84	87.83
27-Aug-14 17:00:00	27-Aug-14 18:00:00	0.00	21.20	0.00	0.00	3.95	2.1	329.7	0.00	6.99	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	27-Aug-14 17:00:00	0.23	17.34	18.92	83.84	87.98
27-Aug-14 18:00:00	27-Aug-14 19:00:00	0.00	24.74	0.00	0.00	3.74	2.1	329.7	0.00	8.16	0.00	0.00	1.23	0.23	10.35	18.92	83.84	86.68	27-Aug-14 18:00:00	0.23	18.51	18.92	83.84	87.91
27-Aug-14 19:00:00	27-Aug-14 20:00:00	0.00	25.49	0.00	0.00	4.26	2.1	329.7	0.00	8.40	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	27-Aug-14 19:00:00	0.23	18.75	18.92	83.84	88.08
27-Aug-14 20:00:00	27-Aug-14 21:00:00	0.00	15.77	0.00	0.00	4.34	2.1	329.7	0.00	5.20	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	27-Aug-14 20:00:00	0.23	15.55	18.92	83.84	88.11
27-Aug-14 21:00:00	27-Aug-14 22:00:00	0.00	6.25	0.00	0.00	5.38	2.1	329.7	0.00	2.06	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	27-Aug-14 21:00:00	0.23	12.41	18.92	83.84	88.45
27-Aug-14 22:00:00	27-Aug-14 23:00:00	0.00	26.85	0.00	0.00	4.99	2.1	329.7	0.00	8.85	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	27-Aug-14 22:00:00	0.23	19.20	18.92	83.84	88.32
27-Aug-14 23:00:00	28-Aug-14 00:00:00	0.00	34.57	0.00	0.00	16.86	2.1	329.7	0.00	11.40	0.00	0.00	5.56	0.23	10.35	18.92	83.84	86.68	27-Aug-14 23:00:00	0.23	21.75	18.92	83.84	92.24
28-Aug-14 00:00:00	28-Aug-14 01:00:00	0.00	25.53	0.00	0.00	5.40	2.1	329.7	0.00	8.42	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	28-Aug-14 00:00:00	0.23	18.77	18.92	83.84	88.46
28-Aug-14 01:00:00	28-Aug-14 02:00:00	0.00	18.42	0.00	0.00	6.77	2.1	329.7	0.00	6.07	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	28-Aug-14 01:00:00	0.23	16.42	18.92	83.84	88.91
28-Aug-14 02:00:00	28-Aug-14 03:00:00	0.00	14.64	0.00	0.00	5.58	2.1	329.7	0.00	4.83	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	28-Aug-14 02:00:00	0.23	15.18	18.92	83.84	88.52
28-Aug-14 03:00:00	28-Aug-14 04:00:00	0.00	42.10	0.00	0.00	5.51	2.1	329.7	0.00	14.21	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	28-Aug-14 03:00:00	0.23	24.56	18.92	83.84	88.50
28-Aug-14 04:00:00	28-Aug-14 05:00:00	0.00	24.31	0.00	0.00	5.45	2.1	329.7	0.00	8.01	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	28-Aug-14 04:00:00	0.23	18.36	18.92	83.84	88.48
28-Aug-14 05:00:00	28-Aug-14 06:00:00	0.00	20.24	0.00	0.00	5.42	2.1	329.7	0.00	6.67	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	28-Aug-14 05:00:00	0.23	17.02	18.92	83.84	88.47
28-Aug-14 06:00:00	28-Aug-14 07:00:00	0.00	7.31	0.00	0.00	5.57	2.1	329.7	0.00	2.41	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	28-Aug-14 06:00:00	0.23	12.76	18.92	83.84	88.52
28-Aug-14 07:00:00	28-Aug-14 08:00:00	0.00	3.77	0.00	0.00	5.11	2.1	329.7	0.00	1.24	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	28-Aug-14 07:00:00	0.23	11.59	18.92	83.84	88.37
28-Aug-14 08:00:00	28-Aug-14 09:00:00	0.00	2.04	0.00	0.00	4.87	2.1	329.7	0.00	0.67	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	28-Aug-14 08:00:00	0.23	11.02	18.92	83.84	88.28
28-Aug-14 09:00:00	28-Aug-14 10:00:00	0.00	11.05	0.00	0.00	4.62	2.1	329.7	0.00	3.64	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	28-Aug-14 09:00:00	0.23	13.99	18.92	83.84	88.20
28-Aug-14 10:00:00	28-Aug-14 11:00:00	0.00	21.84	0.00	0.00	4.50	2.1	329.7	0.00	7.20	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	28-Aug-14 10:00:00	0.23	17.55	18.92	83.84	88.16
28-Aug-14 11:00:00	28-Aug-14 12:00:00	0.00	30.38	0.00	0.00	4.23	2.1	329.7	0.00	10.02	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	28-Aug-14 11:00:00	0.23	20.37	18.92	83.84	88.07
28-Aug-14 12:00:00	28-Aug-14 13:00:00	0.00	6.11	0.00	0.00	3.95	2.1	329.7	0.00	2.01	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	28-Aug-14 12:00:00	0.23	12.36	18.92	83.84	87.98
28-Aug-14 13:00:00	28-Aug-14 14:00:00	0.00	6.29	0.00	0.00	3.67	2.1	329.7	0.00	2.07	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	28-Aug-14 13:00:00	0.23	12.42	18.92	83.84	87.89
28-Aug-14 14:00:00	28-Aug-14 15:00:00	0.00	4.16	0.00	0.00	3.56	2.1	329.7	0.00	1.37	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	28-Aug-14 14:00:00	0.23	11.72	18.92	83.84	87.85
28-Aug-14 15:00:00	28-Aug-14 16:00:00	0.00	4.13	0.00	0.00	3.41	2.1	329.7	0.00	1.36	0.00	0.00	1.09	0.23	10.35	18.92	83.84	86.68	28-Aug-14 15:00:00	0.23	11.71	18.92	83.84	87.81
28-Aug-14 16:00:00	28-Aug-14 17:00:00	0.00	10.76	0.00	0.00	3.71	2.1	329.7	0.00	3.55	0.00	0.00	1.09	0.23	10.35	18.92	83.84	86.68	28-Aug-14 16:00:00	0.23	13.90	18.92	83.84	87.77
28-Aug-14 17:00:00	28-Aug-14 18:00:00	0.00	14.99	0.00	0.00	3.18	2.1	329.7	0.00	4.94	0.00	0.00	1.05	0.23	10.35	18.92	83.84	86.68	28-Aug-14 17:00:00	0.23	15.29	18.92	83.84	87.73
28-Aug-14 18:00:00	28-Aug-14 19:00:00	0.00	1.00	0.00	0.00	3.23	2.1	329.7	0.00	0.33	0.00	0.00	1.06	0.23	10.35	18.92	83.84	86.68	28-Aug-14 18:00:00	0.23	10.68	18.92	83.84	87.74
28-Aug-14 19:00:00	28-Aug-14 20:00:00	0.00	0.00	0.00	0.00	48.63	2.1	329.7	0.00	0.00	0.00	0.00	16.03	0.23	10.35	18.92	83.84	86.68	28-Aug-14 19:00:00	0.23	10.35	18.92	83.84	102.71
28-Aug-14 20:00:00	28-Aug-14 21:00:00	0.00	1.24	0.00	0.00	3.70	2.1	329.7	0.00	0.41	0.00	0.00	1.22	0.23	10.35	18.92	83.84	86.68	28-Aug-14 20:00:00	0.23	10.76	18.92	83.84	87.90
28-Aug-14 21:00:00	28-Aug-14 22:00:00	0.00	9.86	0.00	0.00	3.91	2.1	329.7	0.00	3.25	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	28-Aug-14 21:00:00	0.23	13.60	18.92	83.84	87.97
28-Aug-14 22:00:00	28-Aug-14 23:00:00	0.00	11.83	0.00	0.00	4.12	2.1	329.7	0.00	3.90	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	28-Aug-14 22:00:00	0.23	14.25	18.92	83.84	88.04
28-Aug-14 23:00:00	29-Aug-14 00:00:00	0.00	3.63	0.00	0.00	4.36	2.1	329.7	0.00	1.20	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	28-Aug-14 23:00:00	0.23	11.55	18.92	83.84	88.12
29-Aug-14 00:00:00	29-Aug-14 01:00:00	0.00	2.73	0.00	0.00	4.58	2.1	329.7	0.00	0.90	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	29-Aug-14 00:00:00	0.23	11.25			

31-Aug-14 03:00:00	31-Aug-14 04:00:00	0.00	0.00	0.00	0.00	82.00	2.1	329.7	0.00	0.00	0.00	27.03	0.23	10.35	18.92	83.84	86.68	31-Aug-14 03:00:00	0.23	10.35	18.92	83.84	113.71
31-Aug-14 04:00:00	31-Aug-14 05:00:00	0.00	0.00	0.00	0.00	4.72	2.1	329.7	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	31-Aug-14 04:00:00	0.23	10.35	18.92	83.84	88.24
31-Aug-14 05:00:00	31-Aug-14 06:00:00	0.00	0.00	0.00	0.00	4.67	2.1	329.7	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	31-Aug-14 05:00:00	0.23	10.35	18.92	83.84	88.22
31-Aug-14 06:00:00	31-Aug-14 07:00:00	0.00	0.00	0.00	0.00	91.68	2.1	329.7	0.00	0.00	0.00	30.23	0.23	10.35	18.92	83.84	86.68	31-Aug-14 06:00:00	0.23	10.35	18.92	83.84	116.91
31-Aug-14 07:00:00	31-Aug-14 08:00:00	0.00	0.00	0.00	0.00	13.97	2.1	329.7	0.00	0.00	0.00	4.61	0.23	10.35	18.92	83.84	86.68	31-Aug-14 07:00:00	0.23	10.35	18.92	83.84	91.29
31-Aug-14 08:00:00	31-Aug-14 09:00:00	0.00	0.00	0.00	0.00	4.58	2.1	329.7	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	31-Aug-14 08:00:00	0.23	10.35	18.92	83.84	88.19
31-Aug-14 09:00:00	31-Aug-14 10:00:00	0.00	0.00	0.00	0.00	4.48	2.1	329.7	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	31-Aug-14 09:00:00	0.23	10.35	18.92	83.84	88.13
31-Aug-14 10:00:00	31-Aug-14 11:00:00	0.00	0.00	0.00	0.00	23.45	2.1	329.7	0.00	0.00	0.00	7.73	0.23	10.35	18.92	83.84	86.68	31-Aug-14 10:00:00	0.23	10.35	18.92	83.84	94.41
31-Aug-14 11:00:00	31-Aug-14 12:00:00	0.00	0.53	0.00	0.00	60.82	2.1	329.7	0.00	0.17	0.00	20.05	0.23	10.35	18.92	83.84	86.68	31-Aug-14 11:00:00	0.23	10.52	18.92	83.84	106.73
31-Aug-14 12:00:00	31-Aug-14 13:00:00	0.00	2.62	0.00	0.00	65.59	2.1	329.7	0.00	0.86	0.00	21.62	0.23	10.35	18.92	83.84	86.68	31-Aug-14 12:00:00	0.23	11.21	18.92	83.84	108.30
31-Aug-14 13:00:00	31-Aug-14 14:00:00	0.00	5.22	0.00	0.00	32.74	2.1	329.7	0.00	1.72	0.00	10.80	0.23	10.35	18.92	83.84	86.68	31-Aug-14 13:00:00	0.23	12.07	18.92	83.84	97.48
31-Aug-14 14:00:00	31-Aug-14 15:00:00	0.00	4.99	0.00	0.00	4.77	2.1	329.7	0.00	1.64	0.00	1.57	0.23	10.35	18.92	83.84	86.68	31-Aug-14 14:00:00	0.23	11.99	18.92	83.84	88.25
31-Aug-14 15:00:00	31-Aug-14 16:00:00	0.00	2.77	0.00	0.00	3.85	2.1	329.7	0.00	0.91	0.00	1.27	0.23	10.35	18.92	83.84	86.68	31-Aug-14 15:00:00	0.23	11.26	18.92	83.84	87.95
31-Aug-14 16:00:00	31-Aug-14 17:00:00	0.00	1.68	0.00	0.00	39.19	2.1	329.7	0.00	0.55	0.00	12.92	0.23	10.35	18.92	83.84	86.68	31-Aug-14 16:00:00	0.23	10.90	18.92	83.84	95.60
31-Aug-14 17:00:00	31-Aug-14 18:00:00	0.00	1.61	0.00	0.00	12.97	2.1	329.7	0.00	0.53	0.00	4.28	0.23	10.35	18.92	83.84	86.68	31-Aug-14 17:00:00	0.23	10.88	18.92	83.84	90.96
31-Aug-14 18:00:00	31-Aug-14 19:00:00	0.00	0.00	0.00	0.00	4.60	2.1	329.7	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	31-Aug-14 18:00:00	0.23	10.35	18.92	83.84	88.20
31-Aug-14 19:00:00	31-Aug-14 20:00:00	0.00	0.00	0.00	0.00	17.32	2.1	329.7	0.00	0.00	0.00	5.71	0.23	10.35	18.92	83.84	86.68	31-Aug-14 19:00:00	0.23	10.35	18.92	83.84	92.39
31-Aug-14 20:00:00	31-Aug-14 21:00:00	0.00	5.70	0.00	0.00	31.57	2.1	329.7	0.00	1.88	0.00	10.41	0.23	10.35	18.92	83.84	86.68	31-Aug-14 20:00:00	0.23	12.23	18.92	83.84	97.09
31-Aug-14 21:00:00	31-Aug-14 22:00:00	0.00	9.72	0.00	0.00	5.48	2.1	329.7	0.00	3.21	0.00	1.81	0.23	10.35	18.92	83.84	86.68	31-Aug-14 21:00:00	0.23	13.56	18.92	83.84	88.49
31-Aug-14 22:00:00	31-Aug-14 23:00:00	0.00	1.84	0.00	0.00	24.85	2.1	329.7	0.00	0.61	0.00	8.19	0.23	10.35	18.92	83.84	86.68	31-Aug-14 22:00:00	0.23	10.96	18.92	83.84	94.97
01-Sep-14 23:00:00	01-Sep-14 00:00:00	0.00	1.19	0.00	0.00	10.08	2.1	329.7	0.00	0.39	0.00	3.32	0.23	10.35	18.92	83.84	86.68	31-Aug-14 23:00:00	0.23	10.74	18.92	83.84	90.00
01-Sep-14 00:00:00	01-Sep-14 01:00:00	0.00	0.55	0.00	0.00	4.59	2.1	329.7	0.00	0.18	0.00	1.51	0.23	10.35	18.92	83.84	86.68	01-Sep-14 00:00:00	0.23	10.53	18.92	83.84	88.19
01-Sep-14 01:00:00	01-Sep-14 02:00:00	0.00	0.04	0.00	0.00	21.83	2.1	329.7	0.00	0.01	0.00	7.20	0.23	10.35	18.92	83.84	86.68	01-Sep-14 01:00:00	0.23	10.36	18.92	83.84	93.88
01-Sep-14 02:00:00	01-Sep-14 03:00:00	0.00	0.00	0.00	0.00	46.66	2.1	329.7	0.00	0.00	0.00	15.38	0.23	10.35	18.92	83.84	86.68	01-Sep-14 02:00:00	0.23	10.35	18.92	83.84	102.06
01-Sep-14 03:00:00	01-Sep-14 04:00:00	0.00	0.00	0.00	0.00	7.79	2.1	329.7	0.00	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	01-Sep-14 03:00:00	0.23	10.35	18.92	83.84	89.25
01-Sep-14 04:00:00	01-Sep-14 05:00:00	0.00	0.00	0.00	0.00	4.95	2.1	329.7	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	01-Sep-14 04:00:00	0.23	10.35	18.92	83.84	88.31
01-Sep-14 05:00:00	01-Sep-14 06:00:00	0.00	0.00	0.00	0.00	16.08	2.1	329.7	0.00	0.00	0.00	5.30	0.23	10.35	18.92	83.84	86.68	01-Sep-14 05:00:00	0.23	10.35	18.92	83.84	91.98
01-Sep-14 06:00:00	01-Sep-14 07:00:00	0.00	9.04	0.00	0.00	5.06	2.1	329.7	0.00	2.98	0.00	1.67	0.23	10.35	18.92	83.84	86.68	01-Sep-14 06:00:00	0.23	13.33	18.92	83.84	88.35
01-Sep-14 07:00:00	01-Sep-14 08:00:00	0.00	6.02	0.00	0.00	4.93	2.1	329.7	0.00	1.98	0.00	1.63	0.23	10.35	18.92	83.84	86.68	01-Sep-14 07:00:00	0.23	12.33	18.92	83.84	88.31
01-Sep-14 08:00:00	01-Sep-14 09:00:00	0.00	11.11	0.00	0.00	4.80	2.1	329.7	0.00	3.66	0.00	1.58	0.23	10.35	18.92	83.84	86.68	01-Sep-14 08:00:00	0.23	14.01	18.92	83.84	88.26
01-Sep-14 09:00:00	01-Sep-14 10:00:00	0.00	8.84	0.00	0.00	4.69	2.1	329.7	0.00	2.91	0.00	1.55	0.23	10.35	18.92	83.84	86.68	01-Sep-14 09:00:00	0.23	13.26	18.92	83.84	88.23
01-Sep-14 10:00:00	01-Sep-14 11:00:00	0.00	3.36	0.00	0.00	27.95	2.1	329.7	0.00	1.11	0.00	4.31	0.23	10.35	18.92	83.84	86.68	01-Sep-14 10:00:00	0.23	11.46	18.92	83.84	95.85
01-Sep-14 11:00:00	01-Sep-14 12:00:00	0.00	3.93	0.00	0.00	4.23	2.1	329.7	0.00	1.30	0.00	1.39	0.23	10.35	18.92	83.84	86.68	01-Sep-14 11:00:00	0.23	11.65	18.92	83.84	88.07
01-Sep-14 12:00:00	01-Sep-14 13:00:00	0.00	1.24	0.00	0.00	113.89	2.1	329.7	0.00	0.41	0.00	37.55	0.23	10.35	18.92	83.84	86.68	01-Sep-14 12:00:00	0.23	10.76	18.92	83.84	124.23
01-Sep-14 13:00:00	01-Sep-14 14:00:00	0.00	1.50	0.00	0.00	3.80	2.1	329.7	0.00	0.50	0.00	1.25	0.23	10.35	18.92	83.84	86.68	01-Sep-14 13:00:00	0.23	10.85	18.92	83.84	87.93
01-Sep-14 14:00:00	01-Sep-14 15:00:00	0.00	0.17	0.00	0.00	3.67	2.1	329.7	0.00	0.06	0.00	1.21	0.23	10.35	18.92	83.84	86.68	01-Sep-14 14:00:00	0.23	10.41	18.92	83.84	87.89
01-Sep-14 15:00:00	01-Sep-14 16:00:00	0.00	2.23	0.00	0.00	3.53	2.1	329.7	0.00	0.73	0.00	1.17	0.23	10.35	18.92	83.84	86.68	01-Sep-14 15:00:00	0.23	11.08	18.92	83.84	87.85
01-Sep-14 16:00:00	01-Sep-14 17:00:00	0.00	2.50	0.00	0.00	3.26	2.1	329.7	0.00	0.82	0.00	1.07	0.23	10.35	18.92	83.84	86.68	01-Sep-14 16:00:00	0.23	11.17	18.92	83.84	87.75
01-Sep-14 17:00:00	01-Sep-14 18:00:00	0.00	0.00	0.00	0.00	3.33	2.1	329.7	0.00	0.00	0.00	1.10	0.23	10.35	18.92	83.84	86.68	01-Sep-14 17:00:00	0.23	10.35	18.92	83.84	87.78
01-Sep-14 18:00:00	01-Sep-14 19:00:00	0.00	0.90	0.00	0.00	3.46	2.1	329.7	0.00	0.30	0.00	1.14	0.23	10.35	18.92	83.84	86.68	01-Sep-14 18:00:00	0.23	10.65	18.92	83.84	87.82
01-Sep-14 19:00:00	01-Sep-14 20:00:00	0.00	0.87	0.00	0.00	3.59	2.1	329.7	0.00	0.29	0.00	1.18	0.23	10.35	18.92	83.84	86.68	01-Sep-14 19:00:00	0.23	10.64	18.92	83.84	87.86
01-Sep-14 20:00:00	01-Sep-14 21:00:00	0.00	9.27	0.00	0.00	3.87	2.1	329.7	0.00	3.06	0.00	1.28	0.23	10.35	18.92	83.84	86.68	01-Sep-14 20:00:00	0.23	13.41	18.92	83.84	87.96
01-Sep-14 21:00:00	01-Sep-14 22:00:00	0.00	792.01	0.00	0.00																		

03-Sep-14 22:00:00	03-Sep-14 23:00:00	0.00	424.57	0.00	0.00	5.14	2.1	329.7	0.00	139.98	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	03-Sep-14 22:00:00	0.23	150.33	18.92	83.84	88.37
03-Sep-14 23:00:00	04-Sep-14 00:00:00	0.00	526.29	0.00	0.00	5.23	2.1	329.7	0.00	173.52	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	03-Sep-14 23:00:00	0.23	183.87	18.92	83.84	88.41
04-Sep-14 00:00:00	04-Sep-14 01:00:00	0.00	657.01	0.00	0.00	5.17	2.1	329.7	0.00	216.62	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	04-Sep-14 00:00:00	0.23	226.97	18.92	83.84	88.38
04-Sep-14 01:00:00	04-Sep-14 02:00:00	0.00	664.44	0.00	0.00	5.09	2.1	329.7	0.00	219.07	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	04-Sep-14 01:00:00	0.23	229.42	18.92	83.84	88.36
04-Sep-14 02:00:00	04-Sep-14 03:00:00	0.00	871.05	0.00	0.00	5.01	2.1	329.7	0.00	287.19	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	04-Sep-14 02:00:00	0.23	297.54	18.92	83.84	88.53
04-Sep-14 03:00:00	04-Sep-14 04:00:00	0.00	1,046.07	0.00	0.00	4.87	2.1	329.7	0.00	344.89	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	04-Sep-14 03:00:00	0.23	355.24	18.92	83.84	88.25
04-Sep-14 04:00:00	04-Sep-14 05:00:00	0.00	825.07	0.00	0.00	4.93	2.1	329.7	0.00	272.03	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	04-Sep-14 04:00:00	0.23	282.38	18.92	83.84	88.24
04-Sep-14 05:00:00	04-Sep-14 06:00:00	0.00	580.71	0.00	0.00	4.80	2.1	329.7	0.00	191.46	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	04-Sep-14 05:00:00	0.23	201.81	18.92	83.84	88.26
04-Sep-14 06:00:00	04-Sep-14 07:00:00	0.00	591.73	0.00	0.00	4.86	2.1	329.7	0.00	195.09	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	04-Sep-14 06:00:00	0.23	205.44	18.92	83.84	88.28
04-Sep-14 07:00:00	04-Sep-14 08:00:00	0.00	606.63	0.00	0.00	4.91	2.1	329.7	0.00	200.01	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	04-Sep-14 07:00:00	0.23	210.36	18.92	83.84	88.30
04-Sep-14 08:00:00	04-Sep-14 09:00:00	0.00	530.82	0.00	0.00	4.75	2.1	329.7	0.00	175.01	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	04-Sep-14 08:00:00	0.23	185.36	18.92	83.84	88.25
04-Sep-14 09:00:00	04-Sep-14 10:00:00	0.00	275.29	0.00	0.00	4.52	2.1	329.7	0.00	90.76	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	04-Sep-14 09:00:00	0.23	101.11	18.92	83.84	88.17
04-Sep-14 10:00:00	04-Sep-14 11:00:00	0.00	65.21	0.00	0.00	4.28	2.1	329.7	0.00	21.50	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	04-Sep-14 10:00:00	0.23	31.85	18.92	83.84	88.09
04-Sep-14 11:00:00	04-Sep-14 12:00:00	0.00	0.00	0.00	0.00	10.80	2.1	329.7	0.00	0.00	0.00	0.00	3.56	0.23	10.35	18.92	83.84	86.68	04-Sep-14 11:00:00	0.23	10.35	18.92	83.84	90.24
04-Sep-14 12:00:00	04-Sep-14 13:00:00	0.00	0.12	0.00	0.00	4.00	2.1	329.7	0.00	0.04	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	04-Sep-14 12:00:00	0.23	10.39	18.92	83.84	88.00
04-Sep-14 13:00:00	04-Sep-14 14:00:00	0.00	3.69	0.00	0.00	3.93	2.1	329.7	0.00	1.22	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	04-Sep-14 13:00:00	0.23	11.57	18.92	83.84	87.97
04-Sep-14 14:00:00	04-Sep-14 15:00:00	0.00	1.58	0.00	0.00	4.46	2.1	329.7	0.00	0.52	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	04-Sep-14 14:00:00	0.23	10.87	18.92	83.84	88.15
04-Sep-14 15:00:00	04-Sep-14 16:00:00	0.00	8.75	0.00	0.00	5.39	2.1	329.7	0.00	2.88	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	04-Sep-14 15:00:00	0.23	13.23	18.92	83.84	88.46
04-Sep-14 16:00:00	04-Sep-14 17:00:00	0.00	2.08	0.00	0.00	3.63	2.1	329.7	0.00	0.68	0.00	0.00	1.20	0.23	10.35	18.92	83.84	86.68	04-Sep-14 16:00:00	0.23	11.03	18.92	83.84	87.88
04-Sep-14 17:00:00	04-Sep-14 18:00:00	0.00	0.60	0.00	0.00	3.74	2.1	329.7	0.00	0.20	0.00	0.00	1.23	0.23	10.35	18.92	83.84	86.68	04-Sep-14 17:00:00	0.23	10.55	18.92	83.84	87.91
04-Sep-14 18:00:00	04-Sep-14 19:00:00	0.00	3.16	0.00	0.00	3.86	2.1	329.7	0.00	1.04	0.00	0.00	1.27	0.23	10.35	18.92	83.84	86.68	04-Sep-14 18:00:00	0.23	11.39	18.92	83.84	87.95
04-Sep-14 19:00:00	04-Sep-14 20:00:00	0.00	3.09	0.00	0.00	9.89	2.1	329.7	0.00	1.02	0.00	0.00	3.26	0.23	10.35	18.92	83.84	86.68	04-Sep-14 19:00:00	0.23	11.37	18.92	83.84	89.94
04-Sep-14 20:00:00	04-Sep-14 21:00:00	0.00	1.10	0.00	0.00	4.04	2.1	329.7	0.00	0.36	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	04-Sep-14 20:00:00	0.23	10.71	18.92	83.84	88.01
04-Sep-14 21:00:00	04-Sep-14 22:00:00	0.00	3.37	0.00	0.00	4.14	2.1	329.7	0.00	1.11	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	04-Sep-14 21:00:00	0.23	11.46	18.92	83.84	88.04
04-Sep-14 22:00:00	04-Sep-14 23:00:00	0.00	16.62	0.00	0.00	4.24	2.1	329.7	0.00	5.48	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	04-Sep-14 22:00:00	0.23	15.83	18.92	83.84	88.08
04-Sep-14 23:00:00	05-Sep-14 00:00:00	0.00	2.36	0.00	0.00	4.36	2.1	329.7	0.00	0.78	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	04-Sep-14 23:00:00	0.23	11.13	18.92	83.84	88.12
05-Sep-14 00:00:00	05-Sep-14 01:00:00	0.00	5.97	0.00	0.00	4.42	2.1	329.7	0.00	1.97	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	05-Sep-14 00:00:00	0.23	12.32	18.92	83.84	88.14
05-Sep-14 01:00:00	05-Sep-14 02:00:00	0.00	1.78	0.00	0.00	4.46	2.1	329.7	0.00	0.59	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	05-Sep-14 01:00:00	0.23	10.94	18.92	83.84	88.15
05-Sep-14 02:00:00	05-Sep-14 03:00:00	0.00	2.82	0.00	0.00	4.49	2.1	329.7	0.00	0.93	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	05-Sep-14 02:00:00	0.23	11.28	18.92	83.84	88.16
05-Sep-14 03:00:00	05-Sep-14 04:00:00	0.00	1.21	0.00	0.00	4.55	2.1	329.7	0.00	0.40	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	05-Sep-14 03:00:00	0.23	10.75	18.92	83.84	88.18
05-Sep-14 04:00:00	05-Sep-14 05:00:00	0.00	0.00	0.00	0.00	4.61	2.1	329.7	0.00	0.00	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	05-Sep-14 04:00:00	0.23	10.35	18.92	83.84	88.20
05-Sep-14 05:00:00	05-Sep-14 06:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	05-Sep-14 05:00:00	0.23	10.64	18.92	83.84	88.21
05-Sep-14 06:00:00	05-Sep-14 07:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	05-Sep-14 06:00:00	0.23	10.35	18.92	83.84	88.22
05-Sep-14 07:00:00	05-Sep-14 08:00:00	0.00	1.24	0.00	0.00	4.71	2.1	329.7	0.00	0.41	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	05-Sep-14 07:00:00	0.23	10.76	18.92	83.84	88.23
05-Sep-14 08:00:00	05-Sep-14 09:00:00	0.00	0.00	0.00	0.00	4.57	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	05-Sep-14 08:00:00	0.23	10.35	18.92	83.84	88.19
05-Sep-14 09:00:00	05-Sep-14 10:00:00	0.00	0.00	0.00	0.00	4.38	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	05-Sep-14 09:00:00	0.23	10.35	18.92	83.84	88.12
05-Sep-14 10:00:00	05-Sep-14 11:00:00	0.00	8.53	0.00	0.00	4.18	2.1	329.7	0.00	2.81	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	05-Sep-14 10:00:00	0.23	13.16	18.92	83.84	88.06
05-Sep-14 11:00:00	05-Sep-14 12:00:00	0.00	1.81	0.00	0.00	3.99	2.1	329.7	0.00	0.60	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	05-Sep-14 11:00:00	0.23	10.95	18.92	83.84	88.00
05-Sep-14 12:00:00	05-Sep-14 13:00:00	0.00	0.00	0.00	0.00	3.86	2.1	329.7	0.00	0.00	0.00	0.00	1.27	0.23	10.35	18.92	83.84	86.68	05-Sep-14 12:00:00	0.23	10.35	18.92	83.84	87.95
05-Sep-14 13:00:00	05-Sep-14 14:00:00	0.00	5.84	0.00	0.00	3.74	2.1	329.7	0.00	1.93	0.00	0.00	1.23	0.23	10.35	18.92	83.84	86.68	05-Sep-14 13:00:00	0.23	12.28	18.92	83.84	87.91
05-Sep-14 14:00:00	05-Sep-14 15:00:00	0.00	1.16	0.00	0.00	3.63	2.1	329.7	0.00	0.38	0.00	0.00	1.20	0.23	10.35	18.92	83.84	86.68	05-Sep-14 14:					

07-Sep-14 17:00:00	07-Sep-14 18:00:00	0.00	7.14	0.00	0.00	4.29	2.1	329.7	0.00	2.35	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	07-Sep-14 17:00:00	0.23	12.70	18.92	83.84	88.09
07-Sep-14 18:00:00	07-Sep-14 19:00:00	0.00	0.88	0.00	0.00	5.64	2.1	329.7	0.00	0.29	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	07-Sep-14 18:00:00	0.23	10.64	18.92	83.84	88.54
07-Sep-14 19:00:00	07-Sep-14 20:00:00	0.00	0.00	0.00	0.00	5.15	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	07-Sep-14 19:00:00	0.23	10.35	18.92	83.84	88.38
07-Sep-14 20:00:00	07-Sep-14 21:00:00	0.00	0.00	0.00	0.00	5.04	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	07-Sep-14 20:00:00	0.23	10.35	18.92	83.84	88.34
07-Sep-14 21:00:00	07-Sep-14 22:00:00	0.00	0.00	0.00	0.00	4.93	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	07-Sep-14 21:00:00	0.23	10.35	18.92	83.84	88.30
07-Sep-14 22:00:00	07-Sep-14 23:00:00	0.00	0.23	0.00	0.00	4.93	2.1	329.7	0.00	0.08	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	07-Sep-14 22:00:00	0.23	10.43	18.92	83.84	88.31
07-Sep-14 23:00:00	08-Sep-14 00:00:00	0.00	0.46	0.00	0.00	5.04	2.1	329.7	0.00	0.15	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	07-Sep-14 23:00:00	0.23	10.50	18.92	83.84	88.35
08-Sep-14 00:00:00	08-Sep-14 01:00:00	0.00	0.77	0.00	0.00	5.04	2.1	329.7	0.00	0.25	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	08-Sep-14 00:00:00	0.23	10.60	18.92	83.84	88.34
08-Sep-14 01:00:00	08-Sep-14 02:00:00	0.03	1.47	0.00	0.00	5.02	2.1	329.7	0.01	0.48	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	08-Sep-14 01:00:00	0.24	10.83	18.92	83.84	88.34
08-Sep-14 02:00:00	08-Sep-14 03:00:00	0.22	2.88	0.00	0.00	5.01	2.1	329.7	0.07	0.95	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	08-Sep-14 02:00:00	0.30	11.30	18.92	83.84	88.33
08-Sep-14 03:00:00	08-Sep-14 04:00:00	0.00	1.80	0.00	0.00	5.06	2.1	329.7	0.00	0.59	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	08-Sep-14 03:00:00	0.23	10.94	18.92	83.84	88.35
08-Sep-14 04:00:00	08-Sep-14 05:00:00	0.00	3.24	0.00	0.00	5.14	2.1	329.7	0.00	1.07	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	08-Sep-14 04:00:00	0.23	11.42	18.92	83.84	88.37
08-Sep-14 05:00:00	08-Sep-14 06:00:00	0.11	0.42	0.00	0.00	5.21	2.1	329.7	0.04	0.14	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	08-Sep-14 05:00:00	0.27	10.49	18.92	83.84	88.40
08-Sep-14 06:00:00	08-Sep-14 07:00:00	0.00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	08-Sep-14 06:00:00	0.23	10.35	18.92	83.84	88.41
08-Sep-14 07:00:00	08-Sep-14 08:00:00	0.00	0.00	0.00	0.00	5.14	2.1	329.7	0.00	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	08-Sep-14 07:00:00	0.23	10.35	18.92	83.84	88.38
08-Sep-14 08:00:00	08-Sep-14 09:00:00	0.00	0.00	0.00	0.00	5.06	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	08-Sep-14 08:00:00	0.23	10.35	18.92	83.84	88.35
08-Sep-14 09:00:00	08-Sep-14 10:00:00	0.00	0.00	0.00	0.00	4.98	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	08-Sep-14 09:00:00	0.23	10.35	18.92	83.84	88.32
08-Sep-14 10:00:00	08-Sep-14 11:00:00	0.00	0.00	0.00	0.00	10.95	2.1	329.7	0.00	0.00	0.00	0.00	3.61	0.23	10.35	18.92	83.84	86.68	08-Sep-14 10:00:00	0.23	10.35	18.92	83.84	90.29
08-Sep-14 11:00:00	08-Sep-14 12:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	08-Sep-14 11:00:00	0.23	10.35	18.92	83.84	88.34
08-Sep-14 12:00:00	08-Sep-14 13:00:00	0.00	0.00	0.00	0.00	4.91	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	08-Sep-14 12:00:00	0.23	10.35	18.92	83.84	88.30
08-Sep-14 13:00:00	08-Sep-14 14:00:00	0.00	0.00	0.00	0.00	5.24	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	08-Sep-14 13:00:00	0.23	10.35	18.92	83.84	88.41
08-Sep-14 14:00:00	08-Sep-14 15:00:00	0.00	0.00	0.00	0.00	4.86	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	08-Sep-14 14:00:00	0.23	10.35	18.92	83.84	88.28
08-Sep-14 15:00:00	08-Sep-14 16:00:00	0.00	0.00	0.00	0.00	4.81	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	08-Sep-14 15:00:00	0.23	10.35	18.92	83.84	88.27
08-Sep-14 16:00:00	08-Sep-14 17:00:00	0.00	0.00	0.00	0.00	4.76	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	08-Sep-14 16:00:00	0.23	10.35	18.92	83.84	88.25
08-Sep-14 17:00:00	08-Sep-14 18:00:00	0.00	0.00	0.00	0.00	4.72	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	08-Sep-14 17:00:00	0.23	10.35	18.92	83.84	88.24
08-Sep-14 18:00:00	08-Sep-14 19:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	08-Sep-14 18:00:00	0.23	10.35	18.92	83.84	88.22
08-Sep-14 19:00:00	08-Sep-14 20:00:00	0.00	0.00	0.00	0.00	18.05	2.1	329.7	0.00	0.00	0.00	0.00	5.95	0.23	10.35	18.92	83.84	86.68	08-Sep-14 19:00:00	0.23	10.35	18.92	83.84	92.63
08-Sep-14 20:00:00	08-Sep-14 21:00:00	0.00	0.00	0.00	0.00	4.73	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	08-Sep-14 20:00:00	0.23	10.35	18.92	83.84	88.24
08-Sep-14 21:00:00	08-Sep-14 22:00:00	0.00	0.00	0.00	0.00	4.76	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	08-Sep-14 21:00:00	0.23	10.35	18.92	83.84	88.25
08-Sep-14 22:00:00	08-Sep-14 23:00:00	0.00	0.00	0.00	0.00	9.56	2.1	329.7	0.00	0.00	0.00	0.00	3.15	0.23	10.35	18.92	83.84	86.68	08-Sep-14 22:00:00	0.23	10.35	18.92	83.84	89.83
08-Sep-14 23:00:00	09-Sep-14 00:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	08-Sep-14 23:00:00	0.23	10.35	18.92	83.84	88.22
09-Sep-14 00:00:00	09-Sep-14 01:00:00	0.00	0.00	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	09-Sep-14 00:00:00	0.23	10.35	18.92	83.84	88.22
09-Sep-14 01:00:00	09-Sep-14 02:00:00	0.00	0.01	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	09-Sep-14 01:00:00	0.23	10.35	18.92	83.84	88.22
09-Sep-14 02:00:00	09-Sep-14 03:00:00	0.00	0.23	0.00	0.00	4.67	2.1	329.7	0.00	0.08	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	09-Sep-14 02:00:00	0.23	10.43	18.92	83.84	88.22
09-Sep-14 03:00:00	09-Sep-14 04:00:00	0.00	0.54	0.00	0.00	4.74	2.1	329.7	0.00	0.18	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	09-Sep-14 03:00:00	0.23	10.53	18.92	83.84	88.24
09-Sep-14 04:00:00	09-Sep-14 05:00:00	0.00	0.84	0.00	0.00	4.85	2.1	329.7	0.00	0.28	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	09-Sep-14 04:00:00	0.23	10.63	18.92	83.84	88.28
09-Sep-14 05:00:00	09-Sep-14 06:00:00	0.00	5.21	0.00	0.00	4.96	2.1	329.7	0.00	1.72	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	09-Sep-14 05:00:00	0.23	12.07	18.92	83.84	88.32
09-Sep-14 06:00:00	09-Sep-14 07:00:00	0.00	1.54	0.00	0.00	5.08	2.1	329.7	0.00	0.51	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	09-Sep-14 06:00:00	0.23	10.86	18.92	83.84	88.36
09-Sep-14 07:00:00	09-Sep-14 08:00:00	0.00	6.15	0.00	0.00	5.07	2.1	329.7	0.00	2.03	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	09-Sep-14 07:00:00	0.23	12.38	18.92	83.84	88.35
09-Sep-14 08:00:00	09-Sep-14 09:00:00	0.00	12.49	0.00	0.00	4.97	2.1	329.7	0.00	4.12	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	09-Sep-14 08:00:00	0.23	14.47	18.92	83.84	88.32
09-Sep-14 09:00:00	09-Sep-14 10:00:00	0.00	11.93	0.00	0.00	4.86	2.1	329.7	0.00	3.93	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	09-Sep-14 09:00:00	0.23	14.28	18.92	83.84	88.28

11-Sep-14 12:00:00	11-Sep-14 13:00:00	0.00	3.04	0.00	0.00	4.21	2.1	329.7	0.00	1.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	11-Sep-14 12:00:00	0.23	11.35	18.92	83.84	88.07
11-Sep-14 13:00:00	11-Sep-14 14:00:00	0.00	3.76	0.00	0.00	22.04	2.1	329.7	0.00	1.24	0.00	0.00	7.27	0.23	10.35	18.92	83.84	86.68	11-Sep-14 13:00:00	0.23	11.59	18.92	83.84	93.95
11-Sep-14 14:00:00	11-Sep-14 15:00:00	0.00	2.43	0.00	0.00	4.02	2.1	329.7	0.00	0.80	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	11-Sep-14 14:00:00	0.23	11.15	18.92	83.84	88.00
11-Sep-14 15:00:00	11-Sep-14 16:00:00	0.00	0.30	0.00	0.00	3.90	2.1	329.7	0.00	0.10	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	11-Sep-14 15:00:00	0.23	10.45	18.92	83.84	87.97
11-Sep-14 16:00:00	11-Sep-14 17:00:00	0.00	0.43	0.00	0.00	3.79	2.1	329.7	0.00	0.14	0.00	0.00	1.25	0.23	10.35	18.92	83.84	86.68	11-Sep-14 16:00:00	0.23	10.49	18.92	83.84	87.95
11-Sep-14 17:00:00	11-Sep-14 18:00:00	0.00	0.54	0.00	0.00	3.67	2.1	329.7	0.00	0.18	0.00	0.00	1.21	0.23	10.35	18.92	83.84	86.68	11-Sep-14 17:00:00	0.23	10.53	18.92	83.84	87.90
11-Sep-14 18:00:00	11-Sep-14 19:00:00	0.00	0.83	0.00	0.00	4.97	2.1	329.7	0.00	0.31	0.00	0.00	1.22	0.23	10.35	18.92	83.84	86.68	11-Sep-14 18:00:00	0.23	10.63	18.92	83.84	87.90
11-Sep-14 19:00:00	11-Sep-14 20:00:00	0.00	1.05	0.00	0.00	3.78	2.1	329.7	0.00	0.35	0.00	0.00	1.25	0.23	10.35	18.92	83.84	86.68	11-Sep-14 19:00:00	0.23	10.70	18.92	83.84	87.92
11-Sep-14 20:00:00	11-Sep-14 21:00:00	0.00	0.73	0.00	0.00	3.85	2.1	329.7	0.00	0.24	0.00	0.00	1.27	0.23	10.35	18.92	83.84	86.68	11-Sep-14 20:00:00	0.23	10.59	18.92	83.84	87.95
11-Sep-14 21:00:00	11-Sep-14 22:00:00	0.00	0.00	0.00	0.00	3.93	2.1	329.7	0.00	0.00	0.00	0.00	1.29	0.23	10.35	18.92	83.84	86.68	11-Sep-14 21:00:00	0.23	10.35	18.92	83.84	87.97
11-Sep-14 22:00:00	11-Sep-14 23:00:00	0.00	0.00	0.00	0.00	3.97	2.1	329.7	0.00	0.00	0.00	0.00	1.31	0.23	10.35	18.92	83.84	86.68	11-Sep-14 22:00:00	0.23	10.35	18.92	83.84	87.99
11-Sep-14 23:00:00	12-Sep-14 00:00:00	0.00	0.00	0.00	0.00	4.02	2.1	329.7	0.00	0.00	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	11-Sep-14 23:00:00	0.23	10.35	18.92	83.84	88.00
12-Sep-14 00:00:00	12-Sep-14 01:00:00	0.00	0.00	0.00	0.00	4.06	2.1	329.7	0.00	0.00	0.00	0.00	1.34	0.23	10.35	18.92	83.84	86.68	12-Sep-14 00:00:00	0.23	10.35	18.92	83.84	88.02
12-Sep-14 01:00:00	12-Sep-14 02:00:00	0.00	0.00	0.00	0.00	5.33	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	12-Sep-14 01:00:00	0.23	10.35	18.92	83.84	88.44
12-Sep-14 02:00:00	12-Sep-14 03:00:00	0.00	0.00	0.00	0.00	4.17	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	12-Sep-14 02:00:00	0.23	10.35	18.92	83.84	88.05
12-Sep-14 03:00:00	12-Sep-14 04:00:00	0.00	0.00	0.00	0.00	4.24	2.1	329.7	0.00	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	12-Sep-14 03:00:00	0.23	10.35	18.92	83.84	88.08
12-Sep-14 04:00:00	12-Sep-14 05:00:00	0.00	0.00	0.00	0.00	4.32	2.1	329.7	0.00	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	12-Sep-14 04:00:00	0.23	10.35	18.92	83.84	88.10
12-Sep-14 05:00:00	12-Sep-14 06:00:00	0.00	0.00	0.00	0.00	4.39	2.1	329.7	0.00	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	12-Sep-14 05:00:00	0.23	10.35	18.92	83.84	88.13
12-Sep-14 06:00:00	12-Sep-14 07:00:00	0.00	0.00	0.00	0.00	4.46	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	12-Sep-14 06:00:00	0.23	10.35	18.92	83.84	88.15
12-Sep-14 07:00:00	12-Sep-14 08:00:00	0.00	0.00	0.00	0.00	17.85	2.1	329.7	0.00	0.00	0.00	0.00	5.89	0.23	10.35	18.92	83.84	86.68	12-Sep-14 07:00:00	0.23	10.35	18.92	83.84	92.57
12-Sep-14 08:00:00	12-Sep-14 09:00:00	0.00	0.00	0.00	0.00	4.22	2.1	329.7	0.00	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	12-Sep-14 08:00:00	0.23	10.35	18.92	83.84	88.07
12-Sep-14 09:00:00	12-Sep-14 10:00:00	0.00	0.00	0.00	0.00	3.96	2.1	329.7	0.00	0.00	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	12-Sep-14 09:00:00	0.23	10.35	18.92	83.84	87.98
12-Sep-14 10:00:00	12-Sep-14 11:00:00	0.00	0.00	0.00	0.00	3.70	2.1	329.7	0.00	0.00	0.00	0.00	1.22	0.23	10.35	18.92	83.84	86.68	12-Sep-14 10:00:00	0.23	10.35	18.92	83.84	87.90
12-Sep-14 11:00:00	12-Sep-14 12:00:00	0.00	0.00	0.00	0.00	3.53	2.1	329.7	0.00	0.00	0.00	0.00	1.17	0.23	10.35	18.92	83.84	86.68	12-Sep-14 11:00:00	0.23	10.35	18.92	83.84	87.85
12-Sep-14 12:00:00	12-Sep-14 13:00:00	0.00	0.00	0.00	0.00	0.981	2.1	329.7	0.00	0.00	0.00	0.00	3.24	0.23	10.35	18.92	83.84	86.68	12-Sep-14 12:00:00	0.23	10.35	18.92	83.84	89.92
12-Sep-14 13:00:00	12-Sep-14 14:00:00	0.00	0.20	0.00	0.00	19.25	2.1	329.7	0.00	0.06	0.00	0.00	6.35	0.23	10.35	18.92	83.84	86.68	12-Sep-14 13:00:00	0.23	10.41	18.92	83.84	93.03
12-Sep-14 14:00:00	12-Sep-14 15:00:00	0.00	0.97	0.00	0.00	3.28	2.1	329.7	0.00	2.30	0.00	0.00	1.12	0.23	10.35	18.92	83.84	86.68	12-Sep-14 14:00:00	0.23	12.65	18.92	83.84	87.80
12-Sep-14 15:00:00	12-Sep-14 16:00:00	0.00	4.72	0.00	0.00	3.28	2.1	329.7	0.00	1.56	0.00	0.00	1.08	0.23	10.35	18.92	83.84	86.68	12-Sep-14 15:00:00	0.23	11.91	18.92	83.84	87.76
12-Sep-14 16:00:00	12-Sep-14 17:00:00	0.00	4.39	0.00	0.00	3.18	2.1	329.7	0.00	1.45	0.00	0.00	1.05	0.23	10.35	18.92	83.84	86.68	12-Sep-14 16:00:00	0.23	11.80	18.92	83.84	87.73
12-Sep-14 17:00:00	12-Sep-14 18:00:00	0.00	0.04	0.00	0.00	3.26	2.1	329.7	0.00	0.01	0.00	0.00	1.07	0.23	10.35	18.92	83.84	86.68	12-Sep-14 17:00:00	0.23	10.36	18.92	83.84	87.75
12-Sep-14 18:00:00	12-Sep-14 19:00:00	0.00	6.94	0.00	0.00	3.63	2.1	329.7	0.00	2.29	0.00	0.00	1.20	0.23	10.35	18.92	83.84	86.68	12-Sep-14 18:00:00	0.23	12.64	18.92	83.84	87.88
12-Sep-14 19:00:00	12-Sep-14 20:00:00	0.00	7.02	0.00	0.00	4.00	2.1	329.7	0.00	2.32	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	12-Sep-14 19:00:00	0.23	12.67	18.92	83.84	88.00
12-Sep-14 20:00:00	12-Sep-14 21:00:00	0.00	0.97	0.00	0.00	4.37	2.1	329.7	0.00	0.32	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	12-Sep-14 20:00:00	0.23	10.67	18.92	83.84	88.12
12-Sep-14 21:00:00	12-Sep-14 22:00:00	0.00	3.31	0.00	0.00	4.59	2.1	329.7	0.00	0.10	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	12-Sep-14 21:00:00	0.23	10.45	18.92	83.84	88.19
12-Sep-14 22:00:00	12-Sep-14 23:00:00	0.00	0.05	0.00	0.00	4.62	2.1	329.7	0.00	0.02	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	12-Sep-14 22:00:00	0.23	10.37	18.92	83.84	88.20
12-Sep-14 23:00:00	13-Sep-14 00:00:00	0.00	0.03	0.00	0.00	4.65	2.1	329.7	0.00	0.01	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	12-Sep-14 23:00:00	0.23	10.36	18.92	83.84	88.21
13-Sep-14 00:00:00	13-Sep-14 01:00:00	0.00	0.01	0.00	0.00	4.68	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	13-Sep-14 00:00:00	0.23	10.35	18.92	83.84	88.22
13-Sep-14 01:00:00	13-Sep-14 02:00:00	0.00	0.00	0.00	0.00	4.66	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	13-Sep-14 01:00:00	0.23	10.35	18.92	83.84	88.22
13-Sep-14 02:00:00	13-Sep-14 03:00:00	0.00	4.04	0.00	0.00	4.66	2.1	329.7	0.00	1.33	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	13-Sep-14 02:00:00	0.23	11.68	18.92	83.84	88.22
13-Sep-14 03:00:00	13-Sep-14 04:00:00	0.00	0.83	0.00	0.00	4.67	2.1	329.7	0.00	0.27	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	13-Sep-14 03:00:00	0.23	10.62	18.92	83.84	88.22
13-Sep-14 04:00:00	13-Sep-14 05:00:00	0.00	1.96	0.00	0.00	4.67	2.1	329.7	0.00	0.64	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	13-Sep-14 04:00:00	0.23	10.99	18.92	83.84	88.22
13-Sep-14 05:00:00	13-Sep-14 06:00:00	0.00	16.78	0.00	0.00	4.64	2.1	329.7	0.00	5.53	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	13-Sep-14 05:00:00	0.23	15.88	18.92	83.84	88.21
13-Sep-14 06:00:00	13-Sep-14 07:00:00	0.00	19.24	0.00	0.00	4.65	2.1	329.7	0.00	6.34	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	13-Sep-14 06:00:00	0.23	16.69	18.92	83.84	88.21
13-Sep-14 07:00:00	13-Sep-14 08:00:00	0.00	16.55	0.00	0.00	4.65	2.1	329.7	0.00	5.46	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	13-Sep-14 07:00:00	0.23	15.81	18.92	83.84	88.21
13-Sep-14 08:00:00	13-Sep-14 09:00:00	0.00	17.89	0.00	0.00	4.65	2.1	329.7	0.00	5.90	0.00	0.00	1.52											

15-Sep-14 07:00:00	15-Sep-14 08:00:00	0.00	5.25	0.00	0.00	4.77	2.1	329.7	0.00	1.73	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	15-Sep-14 07:00:00	0.23	12.08	18.92	83.84	88.25
15-Sep-14 08:00:00	15-Sep-14 09:00:00	0.00	13.49	0.00	0.00	4.79	2.1	329.7	0.00	4.45	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	15-Sep-14 08:00:00	0.23	14.80	18.92	83.84	88.26
15-Sep-14 09:00:00	15-Sep-14 10:00:00	0.00	38.74	0.00	0.00	4.82	2.1	329.7	0.00	12.77	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	15-Sep-14 09:00:00	0.23	23.12	18.92	83.84	88.27
15-Sep-14 10:00:00	15-Sep-14 11:00:00	0.00	41.61	0.00	0.00	4.93	2.1	329.7	0.00	13.72	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	15-Sep-14 10:00:00	0.23	24.07	18.92	83.84	88.30
15-Sep-14 11:00:00	15-Sep-14 12:00:00	0.00	25.92	0.00	0.00	4.83	2.1	329.7	0.00	8.54	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	15-Sep-14 11:00:00	0.23	18.89	18.92	83.84	88.27
15-Sep-14 12:00:00	15-Sep-14 13:00:00	0.00	14.90	0.00	0.00	4.74	2.1	329.7	0.00	4.91	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	15-Sep-14 12:00:00	0.23	15.26	18.92	83.84	88.24
15-Sep-14 13:00:00	15-Sep-14 14:00:00	0.00	14.98	0.00	0.00	4.80	2.1	329.7	0.00	4.94	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	15-Sep-14 13:00:00	0.23	15.29	18.92	83.84	88.24
15-Sep-14 14:00:00	15-Sep-14 15:00:00	0.00	13.37	0.00	0.00	4.52	2.1	329.7	0.00	4.41	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	15-Sep-14 14:00:00	0.23	14.76	18.92	83.84	88.17
15-Sep-14 15:00:00	15-Sep-14 16:00:00	0.00	13.64	0.00	0.00	4.38	2.1	329.7	0.00	4.50	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	15-Sep-14 15:00:00	0.23	14.85	18.92	83.84	88.12
15-Sep-14 16:00:00	15-Sep-14 17:00:00	0.00	9.21	0.00	0.00	4.24	2.1	329.7	0.00	3.04	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	15-Sep-14 16:00:00	0.23	13.99	18.92	83.84	88.08
15-Sep-14 17:00:00	15-Sep-14 18:00:00	0.00	0.00	0.00	0.00	14.60	2.1	329.7	0.00	0.00	0.00	0.00	4.82	0.23	10.35	18.92	83.84	86.68	15-Sep-14 17:00:00	0.23	10.35	18.92	83.84	91.50
15-Sep-14 18:00:00	15-Sep-14 19:00:00	0.00	0.00	0.00	0.00	4.14	2.1	329.7	0.00	0.00	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	15-Sep-14 18:00:00	0.23	10.35	18.92	83.84	88.04
15-Sep-14 19:00:00	15-Sep-14 20:00:00	0.00	3.64	0.00	0.00	4.22	2.1	329.7	0.00	1.20	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	15-Sep-14 19:00:00	0.23	11.55	18.92	83.84	88.07
15-Sep-14 20:00:00	15-Sep-14 21:00:00	0.00	1.34	0.00	0.00	5.52	2.1	329.7	0.00	0.44	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	15-Sep-14 20:00:00	0.23	10.79	18.92	83.84	88.50
15-Sep-14 21:00:00	15-Sep-14 22:00:00	0.00	0.00	0.00	0.00	4.34	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	15-Sep-14 21:00:00	0.23	10.35	18.92	83.84	88.11
15-Sep-14 22:00:00	15-Sep-14 23:00:00	0.00	0.00	0.00	0.00	4.37	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	15-Sep-14 22:00:00	0.23	10.35	18.92	83.84	88.12
15-Sep-14 23:00:00	16-Sep-14 00:00:00	0.00	0.00	0.00	0.00	4.40	2.1	329.7	0.00	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	15-Sep-14 23:00:00	0.23	10.35	18.92	83.84	88.13
16-Sep-14 00:00:00	16-Sep-14 01:00:00	0.00	0.00	0.00	0.00	4.51	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	16-Sep-14 00:00:00	0.23	10.35	18.92	83.84	88.17
16-Sep-14 01:00:00	16-Sep-14 02:00:00	0.00	0.00	0.00	0.00	4.88	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	16-Sep-14 01:00:00	0.23	10.35	18.92	83.84	88.29
16-Sep-14 02:00:00	16-Sep-14 03:00:00	0.00	0.00	0.00	0.00	14.02	2.1	329.7	0.00	0.00	0.00	0.00	4.62	0.23	10.35	18.92	83.84	86.68	16-Sep-14 02:00:00	0.23	10.35	18.92	83.84	91.30
16-Sep-14 03:00:00	16-Sep-14 04:00:00	0.00	0.00	0.00	0.00	5.04	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	16-Sep-14 03:00:00	0.23	10.35	18.92	83.84	88.34
16-Sep-14 04:00:00	16-Sep-14 05:00:00	0.00	0.00	0.00	0.00	5.03	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	16-Sep-14 04:00:00	0.23	10.35	18.92	83.84	88.34
16-Sep-14 05:00:00	16-Sep-14 06:00:00	0.00	0.00	0.00	0.00	5.02	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	16-Sep-14 05:00:00	0.23	10.35	18.92	83.84	88.34
16-Sep-14 06:00:00	16-Sep-14 07:00:00	0.00	0.00	0.00	0.00	4.80	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	16-Sep-14 06:00:00	0.23	10.35	18.92	83.84	88.26
16-Sep-14 07:00:00	16-Sep-14 08:00:00	0.00	0.00	0.00	0.00	4.72	2.1	329.7	0.00	0.00	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	16-Sep-14 07:00:00	0.23	10.35	18.92	83.84	88.24
16-Sep-14 08:00:00	16-Sep-14 09:00:00	0.00	0.54	0.00	0.00	4.70	2.1	329.7	0.00	0.18	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	16-Sep-14 08:00:00	0.23	10.53	18.92	83.84	88.23
16-Sep-14 09:00:00	16-Sep-14 10:00:00	0.00	7.10	0.00	0.00	4.68	2.1	329.7	0.00	2.34	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	16-Sep-14 09:00:00	0.23	12.69	18.92	83.84	88.22
16-Sep-14 10:00:00	16-Sep-14 11:00:00	0.00	9.05	0.00	0.00	4.58	2.1	329.7	0.00	2.98	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	16-Sep-14 10:00:00	0.23	13.33	18.92	83.84	88.19
16-Sep-14 11:00:00	16-Sep-14 12:00:00	0.00	5.29	0.00	0.00	4.29	2.1	329.7	0.00	1.74	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	16-Sep-14 11:00:00	0.23	12.09	18.92	83.84	88.10
16-Sep-14 12:00:00	16-Sep-14 13:00:00	0.00	3.02	0.00	0.00	4.00	2.1	329.7	0.00	0.99	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	16-Sep-14 12:00:00	0.23	11.34	18.92	83.84	88.00
16-Sep-14 13:00:00	16-Sep-14 14:00:00	0.00	2.09	0.00	0.00	4.94	2.1	329.7	0.00	0.69	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	16-Sep-14 13:00:00	0.23	11.04	18.92	83.84	88.31
16-Sep-14 14:00:00	16-Sep-14 15:00:00	0.00	1.54	0.00	0.00	3.50	2.1	329.7	0.00	0.51	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	16-Sep-14 14:00:00	0.23	10.26	18.92	83.84	87.85
16-Sep-14 15:00:00	16-Sep-14 16:00:00	0.00	1.13	0.00	0.00	3.45	2.1	329.7	0.00	0.37	0.00	0.00	1.14	0.23	10.35	18.92	83.84	86.68	16-Sep-14 15:00:00	0.23	10.72	18.92	83.84	87.82
16-Sep-14 16:00:00	16-Sep-14 17:00:00	0.00	0.00	0.00	0.00	3.40	2.1	329.7	0.00	0.00	0.00	0.00	1.12	0.23	10.35	18.92	83.84	86.68	16-Sep-14 16:00:00	0.23	10.35	18.92	83.84	87.80
16-Sep-14 17:00:00	16-Sep-14 18:00:00	0.00	0.00	0.00	0.00	3.36	2.1	329.7	0.00	0.00	0.00	0.00	1.11	0.23	10.35	18.92	83.84	86.68	16-Sep-14 17:00:00	0.23	10.35	18.92	83.84	87.79
16-Sep-14 18:00:00	16-Sep-14 19:00:00	0.00	0.00	0.00	0.00	3.41	2.1	329.7	0.00	0.00	0.00	0.00	1.12	0.23	10.35	18.92	83.84	86.68	16-Sep-14 18:00:00	0.23	10.35	18.92	83.84	87.80
16-Sep-14 19:00:00	16-Sep-14 20:00:00	0.00	0.00	0.00	0.00	4.94	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	16-Sep-14 19:00:00	0.23	10.35	18.92	83.84	88.31
16-Sep-14 20:00:00	16-Sep-14 21:00:00	0.00	0.73	0.00	0.00	4.13	2.1	329.7	0.00	0.24	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	16-Sep-14 20:00:00	0.23	10.59	18.92	83.84	88.04
16-Sep-14 21:00:00	16-Sep-14 22:00:00	0.00	0.45	0.00	0.00	4.83	2.1	329.7	0.00	0.15	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	16-Sep-14 21:00:00	0.23	10.50	18.92	83.84	88.27
16-Sep-14 22:00:00	16-Sep-14 23:00:00	0.00	1.48	0.00	0.00	5.53	2.1	329.7	0.00	0.49	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	16-Sep-14 22:00:00	0.23	10.84	18.92	83.84	88.50
16-Sep-14 23:00:00	17-Sep-14 00:00:00	0.00	11.92	0.00	0.00	6.12	2.1	329.7	0.00	3.93	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	16-Sep-14 23:00:00	0.23	14.28	18.92	83.84	

19-Sep-14 02:00:00	19-Sep-14 03:00:00	0.00	6.79	0.00	0.00	5.34	2.1	329.7	0.00	2.24	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	19-Sep-14 02:00:00	0.23	12.59	18.92	83.84	88.44
19-Sep-14 03:00:00	19-Sep-14 04:00:00	0.00	12.87	0.00	0.00	5.57	2.1	329.7	0.00	4.24	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	19-Sep-14 03:00:00	0.23	14.59	18.92	83.84	88.52
19-Sep-14 04:00:00	19-Sep-14 05:00:00	0.00	7.83	0.00	0.00	5.59	2.1	329.7	0.00	2.58	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	19-Sep-14 04:00:00	0.23	12.93	18.92	83.84	88.52
19-Sep-14 05:00:00	19-Sep-14 06:00:00	0.28	0.00	0.00	0.00	5.50	2.1	329.7	0.09	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	19-Sep-14 05:00:00	0.32	10.35	18.92	83.84	88.49
19-Sep-14 06:00:00	19-Sep-14 07:00:00	0.25	6.06	0.00	0.00	5.41	2.1	329.7	0.02	2.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	19-Sep-14 06:00:00	0.25	12.35	18.92	83.84	88.46
19-Sep-14 07:00:00	19-Sep-14 08:00:00	0.00	2.50	0.00	0.00	5.31	2.1	329.7	0.00	0.82	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	19-Sep-14 07:00:00	0.23	11.17	18.92	83.84	88.43
19-Sep-14 08:00:00	19-Sep-14 09:00:00	0.00	1.75	0.00	0.00	5.11	2.1	329.7	0.00	0.58	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	19-Sep-14 08:00:00	0.23	10.33	18.92	83.84	88.41
19-Sep-14 09:00:00	19-Sep-14 10:00:00	0.00	4.47	0.00	0.00	5.20	2.1	329.7	0.00	1.47	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	19-Sep-14 09:00:00	0.23	11.82	18.92	83.84	88.39
19-Sep-14 10:00:00	19-Sep-14 11:00:00	0.00	11.89	0.00	0.00	5.16	2.1	329.7	0.00	3.92	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	19-Sep-14 10:00:00	0.23	14.27	18.92	83.84	88.38
19-Sep-14 11:00:00	19-Sep-14 12:00:00	0.00	13.29	0.00	0.00	5.11	2.1	329.7	0.00	4.38	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	19-Sep-14 11:00:00	0.23	14.73	18.92	83.84	88.36
19-Sep-14 12:00:00	19-Sep-14 13:00:00	0.00	13.04	0.00	0.00	4.90	2.1	329.7	0.00	4.30	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	19-Sep-14 12:00:00	0.23	14.65	18.92	83.84	88.30
19-Sep-14 13:00:00	19-Sep-14 14:00:00	0.00	8.11	0.00	0.00	102.31	2.1	329.7	0.00	2.67	0.00	0.00	33.73	0.23	10.35	18.92	83.84	86.68	19-Sep-14 13:00:00	0.23	13.02	18.92	83.84	120.41
19-Sep-14 14:00:00	19-Sep-14 15:00:00	0.00	4.53	0.00	0.00	4.54	2.1	329.7	0.00	1.49	0.00	0.00	1.50	0.23	10.35	18.92	83.84	86.68	19-Sep-14 14:00:00	0.23	11.84	18.92	83.84	88.18
19-Sep-14 15:00:00	19-Sep-14 16:00:00	0.00	0.32	0.00	0.00	7.58	2.1	329.7	0.00	0.11	0.00	0.00	2.50	0.23	10.35	18.92	83.84	86.68	19-Sep-14 15:00:00	0.23	10.46	18.92	83.84	89.18
19-Sep-14 16:00:00	19-Sep-14 17:00:00	0.00	0.00	0.00	0.00	4.25	2.1	329.7	0.00	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	19-Sep-14 16:00:00	0.23	10.35	18.92	83.84	88.08
19-Sep-14 17:00:00	19-Sep-14 18:00:00	0.00	0.00	0.00	0.00	4.21	2.1	329.7	0.00	0.00	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	19-Sep-14 17:00:00	0.23	10.35	18.92	83.84	88.07
19-Sep-14 18:00:00	19-Sep-14 19:00:00	0.00	0.00	0.00	0.00	20.66	2.1	329.7	0.00	0.00	0.00	0.00	6.81	0.23	10.35	18.92	83.84	86.68	19-Sep-14 18:00:00	0.23	10.35	18.92	83.84	93.49
19-Sep-14 19:00:00	19-Sep-14 20:00:00	0.00	0.00	0.00	0.00	4.34	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	19-Sep-14 19:00:00	0.23	10.35	18.92	83.84	88.11
19-Sep-14 20:00:00	19-Sep-14 21:00:00	0.00	0.00	0.00	0.00	4.52	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	19-Sep-14 20:00:00	0.23	10.35	18.92	83.84	88.17
19-Sep-14 21:00:00	19-Sep-14 22:00:00	0.00	0.00	0.00	0.00	4.70	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	19-Sep-14 21:00:00	0.23	10.35	18.92	83.84	88.22
19-Sep-14 22:00:00	19-Sep-14 23:00:00	0.00	0.00	0.00	0.00	4.85	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	19-Sep-14 22:00:00	0.23	10.35	18.92	83.84	88.28
19-Sep-14 23:00:00	20-Sep-14 00:00:00	0.00	0.61	0.00	0.00	4.96	2.1	329.7	0.00	0.20	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	19-Sep-14 23:00:00	0.23	10.55	18.92	83.84	88.31
20-Sep-14 00:00:00	20-Sep-14 01:00:00	0.00	2.01	0.00	0.00	5.39	2.1	329.7	0.00	0.66	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	20-Sep-14 00:00:00	0.23	11.01	18.92	83.84	88.46
20-Sep-14 01:00:00	20-Sep-14 02:00:00	0.00	8.31	0.00	0.00	5.05	2.1	329.7	0.00	2.74	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	20-Sep-14 01:00:00	0.23	13.09	18.92	83.84	88.34
20-Sep-14 02:00:00	20-Sep-14 03:00:00	0.00	14.77	0.00	0.00	5.11	2.1	329.7	0.00	4.87	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	20-Sep-14 02:00:00	0.23	15.22	18.92	83.84	88.36
20-Sep-14 03:00:00	20-Sep-14 04:00:00	0.00	5.22	0.00	0.00	5.17	2.1	329.7	0.00	1.72	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	20-Sep-14 03:00:00	0.23	12.07	18.92	83.84	88.39
20-Sep-14 04:00:00	20-Sep-14 05:00:00	0.00	8.32	0.00	0.00	5.23	2.1	329.7	0.00	2.74	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	20-Sep-14 04:00:00	0.23	13.09	18.92	83.84	88.40
20-Sep-14 05:00:00	20-Sep-14 06:00:00	0.00	31.12	0.00	0.00	5.28	2.1	329.7	0.00	10.26	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	20-Sep-14 05:00:00	0.23	20.61	18.92	83.84	88.42
20-Sep-14 06:00:00	20-Sep-14 07:00:00	0.00	30.44	0.00	0.00	6.63	2.1	329.7	0.00	10.03	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	20-Sep-14 06:00:00	0.23	20.38	18.92	83.84	88.87
20-Sep-14 07:00:00	20-Sep-14 08:00:00	0.00	17.79	0.00	0.00	5.21	2.1	329.7	0.00	5.87	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	20-Sep-14 07:00:00	0.23	16.22	18.92	83.84	88.40
20-Sep-14 08:00:00	20-Sep-14 09:00:00	0.00	0.85	0.00	0.00	5.19	2.1	329.7	0.00	0.28	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	20-Sep-14 08:00:00	0.23	10.63	18.92	83.84	88.39
20-Sep-14 09:00:00	20-Sep-14 10:00:00	0.00	0.26	0.00	0.00	4.99	2.1	329.7	0.00	0.09	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	20-Sep-14 09:00:00	0.23	10.44	18.92	83.84	88.38
20-Sep-14 10:00:00	20-Sep-14 11:00:00	0.00	0.00	0.00	0.00	4.99	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	20-Sep-14 10:00:00	0.23	10.35	18.92	83.84	88.32
20-Sep-14 11:00:00	20-Sep-14 12:00:00	0.00	3.69	0.00	0.00	4.61	2.1	329.7	0.00	1.22	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	20-Sep-14 11:00:00	0.23	11.57	18.92	83.84	88.20
20-Sep-14 12:00:00	20-Sep-14 13:00:00	0.00	8.31	0.00	0.00	25.15	2.1	329.7	0.00	2.74	0.00	0.00	8.29	0.23	10.35	18.92	83.84	86.68	20-Sep-14 12:00:00	0.23	13.09	18.92	83.84	94.97
20-Sep-14 13:00:00	20-Sep-14 14:00:00	0.00	6.45	0.00	0.00	4.02	2.1	329.7	0.00	2.13	0.00	0.00	1.32	0.23	10.35	18.92	83.84	86.68	20-Sep-14 13:00:00	0.23	12.48	18.92	83.84	88.00
20-Sep-14 14:00:00	20-Sep-14 15:00:00	0.00	2.55	0.00	0.00	3.95	2.1	329.7	0.00	0.84	0.00	0.00	1.30	0.23	10.35	18.92	83.84	86.68	20-Sep-14 14:00:00	0.23	11.19	18.92	83.84	87.98
20-Sep-14 15:00:00	20-Sep-14 16:00:00	0.00	5.01	0.00	0.00	3.88	2.1	329.7	0.00	1.65	0.00	0.00	1.28	0.23	10.35	18.92	83.84	86.68	20-Sep-14 15:00:00	0.23	12.00	18.92	83.84	87.96
20-Sep-14 16:00:00	20-Sep-14 17:00:00	0.00	0.00	0.00	0.00	37.31	2.1	329.7	0.00	0.00	0.00	0.00	12.30	0.23	10.35	18.92	83.84	86.68	20-Sep-14 16:00:00	0.23	10.35	18.92	83.84	98.98
20-Sep-14 17:00:00	20-Sep-14 18:00:00	0.00	0.00	0.00	0.00	4.02	2.1	329.7	0.00	0.00	0.00	0.00	1.33	0.23	10.35	18.92	83.84	86.68	20-Sep-14 17:00:00	0.23	10.35	18.92	83.84	88.01
20-Sep-14 18:00:00	20-Sep-14 19:00:00	0.00	0.00	0.00	0.00	4.10	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	20-Sep-14 18:00:00	0.23	10.35	18.92	83.84	88.03
20-Sep-14 19:00:00	20-Sep-14 20:00:00	0.00	0.01	0.00	0.00	4.17	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	20-Sep-14 19:00:00	0.23	10.35	18.92	83.84	88.06
20-Sep-14 20:00:00	20-Sep-14 21:00:00	0.00	0.63	0.00	0.00	4.18	2.1	329.7	0.00	0.21	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	20-Sep-14 20:00:00	0.23	10.56	18.92	83.84	88.06
20-Sep-14 21:00:00	20-Sep-14 22:00:00	0.00	1.76	0.00	0.00	4.25	2.1	329.7	0.00	0.58	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	20-Sep-14 21:00:00	0.23	10.93	18.92	83.84	88.08
20-Sep-14 22:00:00	20-Sep-14 23:00:00	0.00	0.22	0.00	0.00	4.39	2.1	329.7	0.00	0.07	0.00	0.00												

22-Sep-14 21:00:00	22-Sep-14 22:00:00	0.00	5.90	0.00	0.00	5.24	2.1	329.7	0.00	1.94	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	22-Sep-14 21:00:00	0.23	12.29	18.92	83.84	88.41
22-Sep-14 22:00:00	22-Sep-14 23:00:00	0.00	6.65	0.00	0.00	5.29	2.1	329.7	0.00	2.19	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	22-Sep-14 22:00:00	0.23	12.54	18.92	83.84	88.42
22-Sep-14 23:00:00	23-Sep-14 00:00:00	0.00	0.00	0.00	0.00	5.38	2.1	329.7	0.00	0.00	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	22-Sep-14 23:00:00	0.23	10.35	18.92	83.84	88.45
23-Sep-14 00:00:00	23-Sep-14 01:00:00	0.00	0.00	0.00	0.00	5.42	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	23-Sep-14 00:00:00	0.23	10.35	18.92	83.84	88.47
23-Sep-14 01:00:00	23-Sep-14 02:00:00	0.00	0.00	0.00	0.00	5.42	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	23-Sep-14 01:00:00	0.23	10.35	18.92	83.84	88.47
23-Sep-14 02:00:00	23-Sep-14 03:00:00	0.00	0.00	0.00	0.00	5.43	2.1	329.7	0.00	0.00	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	23-Sep-14 02:00:00	0.23	10.35	18.92	83.84	88.47
23-Sep-14 03:00:00	23-Sep-14 04:00:00	0.00	0.49	0.00	0.00	5.43	2.1	329.7	0.00	0.16	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	23-Sep-14 03:00:00	0.23	10.35	18.92	83.84	88.47
23-Sep-14 04:00:00	23-Sep-14 05:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	23-Sep-14 04:00:00	0.23	10.35	18.92	83.84	88.49
23-Sep-14 05:00:00	23-Sep-14 06:00:00	0.00	3.21	0.00	0.00	5.54	2.1	329.7	0.00	1.06	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	23-Sep-14 05:00:00	0.23	11.41	18.92	83.84	88.51
23-Sep-14 06:00:00	23-Sep-14 07:00:00	0.00	11.52	0.00	0.00	5.61	2.1	329.7	0.00	3.80	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	23-Sep-14 06:00:00	0.23	14.15	18.92	83.84	88.53
23-Sep-14 07:00:00	23-Sep-14 08:00:00	0.00	15.53	0.00	0.00	5.61	2.1	329.7	0.00	5.12	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	23-Sep-14 07:00:00	0.23	15.47	18.92	83.84	88.53
23-Sep-14 08:00:00	23-Sep-14 09:00:00	0.00	10.09	0.00	0.00	5.64	2.1	329.7	0.00	3.33	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	23-Sep-14 08:00:00	0.23	13.68	18.92	83.84	88.54
23-Sep-14 09:00:00	23-Sep-14 10:00:00	0.00	8.12	0.00	0.00	5.69	2.1	329.7	0.00	2.68	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	23-Sep-14 09:00:00	0.23	13.03	18.92	83.84	88.56
23-Sep-14 10:00:00	23-Sep-14 11:00:00	0.00	7.34	0.00	0.00	5.74	2.1	329.7	0.00	2.42	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	23-Sep-14 10:00:00	0.23	12.77	18.92	83.84	88.57
23-Sep-14 11:00:00	23-Sep-14 12:00:00	0.00	7.36	0.00	0.00	5.78	2.1	329.7	0.00	2.43	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	23-Sep-14 11:00:00	0.23	12.78	18.92	83.84	88.59
23-Sep-14 12:00:00	23-Sep-14 13:00:00	0.00	11.14	0.00	0.00	5.78	2.1	329.7	0.00	3.67	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	23-Sep-14 12:00:00	0.23	14.02	18.92	83.84	88.59
23-Sep-14 13:00:00	23-Sep-14 14:00:00	0.00	9.10	0.00	0.00	5.78	2.1	329.7	0.00	3.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	23-Sep-14 13:00:00	0.23	13.35	18.92	83.84	88.59
23-Sep-14 14:00:00	23-Sep-14 15:00:00	0.00	7.92	0.00	0.00	5.78	2.1	329.7	0.00	2.61	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	23-Sep-14 14:00:00	0.23	12.96	18.92	83.84	88.58
23-Sep-14 15:00:00	23-Sep-14 16:00:00	0.00	23.62	0.00	0.00	38.81	2.1	329.7	0.00	7.39	0.00	0.00	12.79	0.23	10.35	18.92	83.84	86.68	23-Sep-14 15:00:00	0.23	18.14	18.92	83.84	99.47
23-Sep-14 16:00:00	23-Sep-14 17:00:00	0.00	8.60	0.00	0.00	5.86	2.1	329.7	0.00	2.83	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	23-Sep-14 16:00:00	0.23	13.18	18.92	83.84	88.61
23-Sep-14 17:00:00	23-Sep-14 18:00:00	0.00	8.16	0.00	0.00	5.82	2.1	329.7	0.00	2.69	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	23-Sep-14 17:00:00	0.23	13.04	18.92	83.84	88.60
23-Sep-14 18:00:00	23-Sep-14 19:00:00	0.00	7.93	0.00	0.00	5.77	2.1	329.7	0.00	2.62	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	23-Sep-14 18:00:00	0.23	12.97	18.92	83.84	88.58
23-Sep-14 19:00:00	23-Sep-14 20:00:00	0.00	2.19	0.00	0.00	5.73	2.1	329.7	0.00	0.72	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	23-Sep-14 19:00:00	0.23	11.07	18.92	83.84	88.57
23-Sep-14 20:00:00	23-Sep-14 21:00:00	0.00	9.77	0.00	0.00	5.81	2.1	329.7	0.00	3.22	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	23-Sep-14 20:00:00	0.23	13.57	18.92	83.84	88.59
23-Sep-14 21:00:00	23-Sep-14 22:00:00	0.00	6.07	0.00	0.00	5.88	2.1	329.7	0.00	2.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	23-Sep-14 21:00:00	0.23	12.35	18.92	83.84	88.62
23-Sep-14 22:00:00	23-Sep-14 23:00:00	0.00	11.92	0.00	0.00	5.95	2.1	329.7	0.00	3.93	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	23-Sep-14 22:00:00	0.23	14.28	18.92	83.84	88.64
23-Sep-14 23:00:00	24-Sep-14 00:00:00	0.00	15.08	0.00	0.00	6.03	2.1	329.7	0.00	4.97	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	23-Sep-14 23:00:00	0.23	15.32	18.92	83.84	88.67
24-Sep-14 00:00:00	24-Sep-14 01:00:00	0.00	6.83	0.00	0.00	6.16	2.1	329.7	0.00	2.25	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	24-Sep-14 00:00:00	0.23	12.60	18.92	83.84	88.71
24-Sep-14 01:00:00	24-Sep-14 02:00:00	0.00	0.88	0.00	0.00	6.16	2.1	329.7	0.00	0.29	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	24-Sep-14 01:00:00	0.23	10.64	18.92	83.84	88.71
24-Sep-14 02:00:00	24-Sep-14 03:00:00	0.00	0.58	0.00	0.00	6.17	2.1	329.7	0.00	0.19	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	24-Sep-14 02:00:00	0.23	10.54	18.92	83.84	88.71
24-Sep-14 03:00:00	24-Sep-14 04:00:00	0.00	0.29	0.00	0.00	6.18	2.1	329.7	0.00	0.09	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	24-Sep-14 03:00:00	0.23	10.44	18.92	83.84	88.72
24-Sep-14 04:00:00	24-Sep-14 05:00:00	0.00	0.03	0.00	0.00	6.25	2.1	329.7	0.00	0.01	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Sep-14 04:00:00	0.23	10.36	18.92	83.84	88.73
24-Sep-14 05:00:00	24-Sep-14 06:00:00	0.00	0.00	0.00	0.00	6.26	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	24-Sep-14 05:00:00	0.23	10.35	18.92	83.84	88.75
24-Sep-14 06:00:00	24-Sep-14 07:00:00	0.00	0.00	0.00	0.00	6.28	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	24-Sep-14 06:00:00	0.23	10.35	18.92	83.84	88.75
24-Sep-14 07:00:00	24-Sep-14 08:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	24-Sep-14 07:00:00	0.23	10.35	18.92	83.84	88.75
24-Sep-14 08:00:00	24-Sep-14 09:00:00	0.21	0.00	0.00	0.00	6.24	2.1	329.7	0.07	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	24-Sep-14 08:00:00	0.30	10.35	18.92	83.84	88.74
24-Sep-14 09:00:00	24-Sep-14 10:00:00	0.35	0.00	0.00	0.00	6.15	2.1	329.7	0.12	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	24-Sep-14 09:00:00	0.35	10.35	18.92	83.84	88.71
24-Sep-14 10:00:00	24-Sep-14 11:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	24-Sep-14 10:00:00	0.23	10.35	18.92	83.84	88.68
24-Sep-14 11:00:00	24-Sep-14 12:00:00	0.00	0.00	0.00	0.00	5.97	2.1	329.7	0.00	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	24-Sep-14 11:00:00	0.23	10.35	18.92	83.84	88.65
24-Sep-14 12:00:00	24-Sep-14 13:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	24-Sep-14 12:00:00	0.23	10.35	18.92	83.84	88.62
24-Sep-14 13:00:00	24-Sep-14 14:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	24-Sep-14 13:00:00	0.23	10.35	18.92	83.84	88

26-Sep-14 16:00:00	26-Sep-14 17:00:00	0.00	0.16	0.00	0.00	5.00	2.1	329.7	0.00	0.05	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	26-Sep-14 16:00:00	0.23	10.40	18.92	83.84	88.33
26-Sep-14 17:00:00	26-Sep-14 18:00:00	0.00	0.01	0.00	0.00	4.99	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	26-Sep-14 17:00:00	0.23	10.35	18.92	83.84	88.32
26-Sep-14 18:00:00	26-Sep-14 19:00:00	0.00	0.00	0.00	0.00	4.98	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	26-Sep-14 18:00:00	0.23	10.35	18.92	83.84	88.32
26-Sep-14 19:00:00	26-Sep-14 20:00:00	0.00	0.00	0.00	0.00	5.02	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	26-Sep-14 19:00:00	0.23	10.35	18.92	83.84	88.34
26-Sep-14 20:00:00	26-Sep-14 21:00:00	0.00	0.00	0.00	0.00	5.07	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	26-Sep-14 20:00:00	0.23	10.35	18.92	83.84	88.35
26-Sep-14 21:00:00	26-Sep-14 22:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	26-Sep-14 21:00:00	0.23	10.35	18.92	83.84	88.37
26-Sep-14 22:00:00	26-Sep-14 23:00:00	0.00	0.00	0.00	0.00	5.19	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	26-Sep-14 22:00:00	0.23	10.35	18.92	83.84	88.39
26-Sep-14 23:00:00	27-Sep-14 00:00:00	0.06	0.00	0.00	0.00	5.19	2.1	329.7	0.02	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	26-Sep-14 23:00:00	0.25	10.35	18.92	83.84	88.39
27-Sep-14 00:00:00	27-Sep-14 01:00:00	0.07	0.00	0.00	0.00	5.21	2.1	329.7	0.02	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	27-Sep-14 00:00:00	0.25	10.35	18.92	83.84	88.40
27-Sep-14 01:00:00	27-Sep-14 02:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	27-Sep-14 01:00:00	0.23	10.35	18.92	83.84	88.41
27-Sep-14 02:00:00	27-Sep-14 03:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	27-Sep-14 02:00:00	0.23	10.35	18.92	83.84	88.40
27-Sep-14 03:00:00	27-Sep-14 04:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	27-Sep-14 03:00:00	0.23	10.35	18.92	83.84	88.42
27-Sep-14 04:00:00	27-Sep-14 05:00:00	0.00	0.65	0.00	0.00	5.34	2.1	329.7	0.00	0.21	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	27-Sep-14 04:00:00	0.23	10.56	18.92	83.84	88.44
27-Sep-14 05:00:00	27-Sep-14 06:00:00	0.00	2.73	0.00	0.00	5.39	2.1	329.7	0.00	0.90	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	27-Sep-14 05:00:00	0.23	11.25	18.92	83.84	88.46
27-Sep-14 06:00:00	27-Sep-14 07:00:00	0.00	19.03	0.00	0.00	5.48	2.1	329.7	0.00	6.27	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	27-Sep-14 06:00:00	0.23	16.62	18.92	83.84	88.49
27-Sep-14 07:00:00	27-Sep-14 08:00:00	0.00	15.69	0.00	0.00	5.59	2.1	329.7	0.00	5.17	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	27-Sep-14 07:00:00	0.23	15.52	18.92	83.84	88.52
27-Sep-14 08:00:00	27-Sep-14 09:00:00	0.00	23.67	0.00	0.00	53.68	2.1	329.7	0.00	7.80	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	27-Sep-14 08:00:00	0.23	18.15	18.92	83.84	104.38
27-Sep-14 09:00:00	27-Sep-14 10:00:00	0.00	26.64	0.00	0.00	5.34	2.1	329.7	0.00	8.78	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	27-Sep-14 09:00:00	0.23	19.13	18.92	83.84	104.44
27-Sep-14 10:00:00	27-Sep-14 11:00:00	0.00	23.61	0.00	0.00	5.12	2.1	329.7	0.00	7.78	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	27-Sep-14 10:00:00	0.23	18.13	18.92	83.84	88.37
27-Sep-14 11:00:00	27-Sep-14 12:00:00	0.00	7.56	0.00	0.00	4.91	2.1	329.7	0.00	2.49	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	27-Sep-14 11:00:00	0.23	12.84	18.92	83.84	88.30
27-Sep-14 12:00:00	27-Sep-14 13:00:00	0.00	3.07	0.00	0.00	4.76	2.1	329.7	0.00	1.01	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	27-Sep-14 12:00:00	0.23	11.36	18.92	83.84	88.25
27-Sep-14 13:00:00	27-Sep-14 14:00:00	0.00	5.37	0.00	0.00	4.72	2.1	329.7	0.00	1.77	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	27-Sep-14 13:00:00	0.23	12.12	18.92	83.84	88.24
27-Sep-14 14:00:00	27-Sep-14 15:00:00	0.00	7.47	0.00	0.00	4.69	2.1	329.7	0.00	2.46	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	27-Sep-14 14:00:00	0.23	12.81	18.92	83.84	88.23
27-Sep-14 15:00:00	27-Sep-14 16:00:00	0.00	6.02	0.00	0.00	4.66	2.1	329.7	0.00	1.98	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	27-Sep-14 15:00:00	0.23	12.33	18.92	83.84	88.22
27-Sep-14 16:00:00	27-Sep-14 17:00:00	0.00	0.00	0.00	0.00	4.59	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	27-Sep-14 16:00:00	0.23	10.35	18.92	83.84	88.19
27-Sep-14 17:00:00	27-Sep-14 18:00:00	0.00	0.00	0.00	0.00	4.45	2.1	329.7	0.00	0.00	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	27-Sep-14 17:00:00	0.23	10.35	18.92	83.84	88.15
27-Sep-14 18:00:00	27-Sep-14 19:00:00	0.00	0.00	0.00	0.00	50.55	2.1	329.7	0.00	0.00	0.00	0.00	16.67	0.23	10.35	18.92	83.84	86.68	27-Sep-14 18:00:00	0.23	10.35	18.92	83.84	103.35
27-Sep-14 19:00:00	27-Sep-14 20:00:00	0.00	0.00	0.00	0.00	4.58	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	27-Sep-14 19:00:00	0.23	10.35	18.92	83.84	88.19
27-Sep-14 20:00:00	27-Sep-14 21:00:00	0.00	0.00	0.00	0.00	4.64	2.1	329.7	0.00	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	27-Sep-14 20:00:00	0.23	10.35	18.92	83.84	88.21
27-Sep-14 21:00:00	27-Sep-14 22:00:00	0.00	0.00	0.00	0.00	4.71	2.1	329.7	0.00	0.00	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	27-Sep-14 21:00:00	0.23	10.35	18.92	83.84	88.23
27-Sep-14 22:00:00	27-Sep-14 23:00:00	0.00	0.00	0.00	0.00	4.82	2.1	329.7	0.00	0.00	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	27-Sep-14 22:00:00	0.23	10.35	18.92	83.84	88.27
28-Sep-14 00:00:00	28-Sep-14 01:00:00	0.00	0.00	0.00	0.00	4.93	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	28-Sep-14 00:00:00	0.23	10.35	18.92	83.84	88.31
28-Sep-14 01:00:00	28-Sep-14 02:00:00	0.00	0.17	0.00	0.00	5.04	2.1	329.7	0.00	0.06	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	28-Sep-14 01:00:00	0.23	10.41	18.92	83.84	88.34
28-Sep-14 02:00:00	28-Sep-14 03:00:00	0.00	2.73	0.00	0.00	5.15	2.1	329.7	0.00	0.90	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	28-Sep-14 02:00:00	0.23	11.25	18.92	83.84	88.38
28-Sep-14 03:00:00	28-Sep-14 04:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	28-Sep-14 03:00:00	0.23	10.35	18.92	83.84	88.43
28-Sep-14 04:00:00	28-Sep-14 05:00:00	0.00	2.83	0.00	0.00	5.35	2.1	329.7	0.00	0.93	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	28-Sep-14 04:00:00	0.23	11.28	18.92	83.84	88.44
28-Sep-14 05:00:00	28-Sep-14 06:00:00	0.00	5.88	0.00	0.00	5.38	2.1	329.7	0.00	1.94	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	28-Sep-14 05:00:00	0.23	12.29	18.92	83.84	88.45
28-Sep-14 06:00:00	28-Sep-14 07:00:00	0.00	19.19	0.00	0.00	5.41	2.1	329.7	0.00	6.33	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	28-Sep-14 06:00:00	0.23	16.68	18.92	83.84	88.47
28-Sep-14 07:00:00	28-Sep-14 08:00:00	0.00	14.17	0.00	0.00	5.48	2.1	329.7	0.00	4.67	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	28-Sep-14 07:00:00	0.23	15.02	18.92	83.84	88.49
28-Sep-14 08:00:00	28-Sep-14 09:00:00	0.00	20.96	0.00	0.00	27.54	2.1	329.7	0.00	6.91	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	28-Sep-14 08:00:00	0.23	17.26	18.92	83.84	95.76
28-Sep-14 09:00:00	28-Sep-14 10:00:00	0.00	13.73	0.00	0.00	5.20	2.1	329.7	0.00	4.53	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	28-Sep-14 09:00:00	0.23	14.88	18.92	83.84	88.39
28-Sep-14 10:00:00	28-Sep-14 11:00:00	0.00	19.92	0.00	0.00	5.00	2.1	329.7	0.00	6.57	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	28-Sep-14 10:00:00	0.23	16.92	18.92	83.84	88.33
28-Sep-14 11:00:00	28-Sep-14 12:00:00	0.00	24.06	0.00	0.00	4.80	2.1	329.7	0.00	7.93	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	28-Sep-14 11:00:00	0.23	18.28	18.92	83.84	88.26
28-Sep-14 12:00:00	28-Sep-14 13:00:00	0.00	9.76	0.00	0.00	4.63	2.1	329.7	0.00	2.70	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	28-Sep-14 12:00:00	0.23	13.05	18.92	83.84	88.21
28-Sep-14 13:00:00	28-Sep-14 14:00:00	0.00	7.06	0.00	0.00	4.56	2.1	329.7	0.00	3.22	0.00	0.00												

30-Sep-14 11:00:00	30-Sep-14 12:00:00	0.00	0.88	0.00	0.00	4.75	2.1	329.7	0.00	0.29	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	30-Sep-14 11:00:00	0.23	10.64	18.92	83.84	88.24
30-Sep-14 12:00:00	30-Sep-14 13:00:00	0.00	3.60	0.00	0.00	4.58	2.1	329.7	0.00	1.19	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	30-Sep-14 12:00:00	0.23	11.54	18.92	83.84	88.19
30-Sep-14 13:00:00	30-Sep-14 14:00:00	0.00	2.83	0.00	0.00	4.48	2.1	329.7	0.00	0.93	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	30-Sep-14 13:00:00	0.23	11.28	18.92	83.84	88.16
30-Sep-14 14:00:00	30-Sep-14 15:00:00	0.00	28.81	0.00	0.00	4.35	2.1	329.7	0.00	9.50	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	30-Sep-14 14:00:00	0.23	19.85	18.92	83.84	88.11
30-Sep-14 15:00:00	30-Sep-14 16:00:00	0.00	31.37	0.00	0.00	4.22	2.1	329.7	0.00	10.34	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	30-Sep-14 15:00:00	0.23	20.69	18.92	83.84	88.07
30-Sep-14 16:00:00	30-Sep-14 17:00:00	0.00	0.00	0.00	0.00	4.15	2.1	329.7	0.00	0.00	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	30-Sep-14 16:00:00	0.23	10.35	18.92	83.84	88.05
30-Sep-14 17:00:00	30-Sep-14 18:00:00	0.00	0.00	0.00	0.00	4.09	2.1	329.7	0.00	0.00	0.00	0.00	1.35	0.23	10.35	18.92	83.84	86.68	30-Sep-14 17:00:00	0.23	10.35	18.92	83.84	88.07
30-Sep-14 18:00:00	30-Sep-14 19:00:00	0.00	0.00	0.00	0.00	4.12	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	30-Sep-14 18:00:00	0.23	10.35	18.92	83.84	88.11
30-Sep-14 19:00:00	30-Sep-14 20:00:00	0.00	0.00	0.00	0.00	4.42	2.1	329.7	0.00	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	30-Sep-14 19:00:00	0.23	10.35	18.92	83.84	88.14
30-Sep-14 20:00:00	30-Sep-14 21:00:00	0.00	0.00	0.00	0.00	4.57	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	30-Sep-14 20:00:00	0.23	10.35	18.92	83.84	88.19
30-Sep-14 21:00:00	30-Sep-14 22:00:00	0.00	0.00	0.00	0.00	4.75	2.1	329.7	0.00	0.00	0.00	0.00	1.57	0.23	10.35	18.92	83.84	86.68	30-Sep-14 21:00:00	0.23	10.35	18.92	83.84	88.25
30-Sep-14 22:00:00	30-Sep-14 23:00:00	0.00	0.00	0.00	0.00	4.91	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	30-Sep-14 22:00:00	0.23	10.35	18.92	83.84	88.30
30-Sep-14 23:00:00	01-Oct-14 00:00:00	0.00	0.00	0.00	0.00	5.07	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	30-Sep-14 23:00:00	0.23	10.35	18.92	83.84	88.35
01-Oct-14 00:00:00	01-Oct-14 01:00:00	0.00	0.00	0.00	0.00	5.31	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	01-Oct-14 00:00:00	0.23	10.35	18.92	83.84	88.43
01-Oct-14 01:00:00	01-Oct-14 02:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	01-Oct-14 01:00:00	0.23	10.35	18.92	83.84	88.48
01-Oct-14 02:00:00	01-Oct-14 03:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	01-Oct-14 02:00:00	0.23	10.35	18.92	83.84	88.52
01-Oct-14 03:00:00	01-Oct-14 04:00:00	0.00	0.00	0.00	0.00	5.70	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	01-Oct-14 03:00:00	0.23	10.35	18.92	83.84	88.56
01-Oct-14 04:00:00	01-Oct-14 05:00:00	0.00	0.00	0.00	0.00	5.70	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	01-Oct-14 04:00:00	0.23	10.35	18.92	83.84	88.56
01-Oct-14 05:00:00	01-Oct-14 06:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	01-Oct-14 05:00:00	0.23	10.35	18.92	83.84	88.56
01-Oct-14 06:00:00	01-Oct-14 07:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	01-Oct-14 06:00:00	0.23	10.35	18.92	83.84	88.57
01-Oct-14 07:00:00	01-Oct-14 08:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	01-Oct-14 07:00:00	0.23	10.35	18.92	83.84	88.58
01-Oct-14 08:00:00	01-Oct-14 09:00:00	0.00	0.00	0.00	0.00	5.68	2.1	329.7	0.00	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	01-Oct-14 08:00:00	0.23	10.35	18.92	83.84	88.55
01-Oct-14 09:00:00	01-Oct-14 10:00:00	0.00	0.00	0.00	0.00	5.40	2.1	329.7	0.00	0.00	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	01-Oct-14 09:00:00	0.23	10.35	18.92	83.84	88.46
01-Oct-14 10:00:00	01-Oct-14 11:00:00	0.00	0.00	0.00	0.00	5.12	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	01-Oct-14 10:00:00	0.23	10.35	18.92	83.84	88.37
01-Oct-14 11:00:00	01-Oct-14 12:00:00	0.00	0.00	0.00	0.00	4.85	2.1	329.7	0.00	0.00	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	01-Oct-14 11:00:00	0.23	10.35	18.92	83.84	88.28
01-Oct-14 12:00:00	01-Oct-14 13:00:00	0.00	0.00	0.00	0.00	4.59	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	01-Oct-14 12:00:00	0.23	10.35	18.92	83.84	88.19
01-Oct-14 13:00:00	01-Oct-14 14:00:00	0.00	0.00	0.00	0.00	4.44	2.1	329.7	0.00	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	01-Oct-14 13:00:00	0.23	10.35	18.92	83.84	88.14
01-Oct-14 14:00:00	01-Oct-14 15:00:00	0.00	0.00	0.00	0.00	4.31	2.1	329.7	0.00	0.00	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	01-Oct-14 14:00:00	0.23	10.35	18.92	83.84	88.10
01-Oct-14 15:00:00	01-Oct-14 16:00:00	0.00	0.00	0.00	0.00	4.17	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	01-Oct-14 15:00:00	0.23	10.35	18.92	83.84	88.06
01-Oct-14 16:00:00	01-Oct-14 17:00:00	0.00	0.00	0.00	0.00	4.19	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	01-Oct-14 16:00:00	0.23	10.35	18.92	83.84	88.06
01-Oct-14 17:00:00	01-Oct-14 18:00:00	0.00	0.00	0.00	0.00	4.35	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	01-Oct-14 17:00:00	0.23	10.35	18.92	83.84	88.11
01-Oct-14 18:00:00	01-Oct-14 19:00:00	0.00	0.00	0.00	0.00	4.48	2.1	329.7	0.00	0.00	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	01-Oct-14 18:00:00	0.23	10.35	18.92	83.84	88.15
01-Oct-14 19:00:00	01-Oct-14 20:00:00	0.00	0.23	0.00	0.00	4.61	2.1	329.7	0.00	0.08	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	01-Oct-14 19:00:00	0.23	10.43	18.92	83.84	88.20
01-Oct-14 20:00:00	01-Oct-14 21:00:00	0.00	1.06	0.00	0.00	4.83	2.1	329.7	0.00	0.35	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	01-Oct-14 20:00:00	0.23	10.70	18.92	83.84	88.27
01-Oct-14 21:00:00	01-Oct-14 22:00:00	0.00	3.68	0.00	0.00	5.00	2.1	329.7	0.00	1.21	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	01-Oct-14 21:00:00	0.23	11.56	18.92	83.84	88.33
01-Oct-14 22:00:00	01-Oct-14 23:00:00	0.00	5.60	0.00	0.00	5.12	2.1	329.7	0.00	1.85	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	01-Oct-14 22:00:00	0.23	12.20	18.92	83.84	88.37
01-Oct-14 23:00:00	02-Oct-14 00:00:00	0.00	2.95	0.00	0.00	5.24	2.1	329.7	0.00	0.97	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	01-Oct-14 23:00:00	0.23	11.32	18.92	83.84	88.41
02-Oct-14 00:00:00	02-Oct-14 01:00:00	0.00	7.38	0.00	0.00	5.43	2.1	329.7	0.00	2.43	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	02-Oct-14 00:00:00	0.23	12.78	18.92	83.84	88.47
02-Oct-14 01:00:00	02-Oct-14 02:00:00	0.00	6.47	0.00	0.00	5.50	2.1	329.7	0.00	2.13	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	02-Oct-14 01:00:00	0.23	12.48	18.92	83.84	88.49
02-Oct-14 02:00:00	02-Oct-14 03:00:00	0.00	2.60	0.00	0.00	5.52	2.1	329.7	0.00	0.86	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	02-Oct-14 02:00:00	0.23	11.21	18.92	83.84	88.50
02-Oct-14 03:00:00	02-Oct-14 04:00:00	0.00	0.60	0.00	0.00	5.54	2.1	329.7	0.00	0.20	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	02-Oct-14 03:00:00	0.23	10.55	18.92	83.84	88.51

04-Oct-14 06:00:00	04-Oct-14 07:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	04-Oct-14 06:00:00	0.23	10.35	18.92	83.84	88.78
04-Oct-14 07:00:00	04-Oct-14 08:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	04-Oct-14 07:00:00	0.23	10.35	18.92	83.84	88.79
04-Oct-14 08:00:00	04-Oct-14 09:00:00	0.00	0.00	0.00	0.00	6.42	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	04-Oct-14 08:00:00	0.23	10.35	18.92	83.84	88.80
04-Oct-14 09:00:00	04-Oct-14 10:00:00	0.00	0.00	0.00	0.00	6.44	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	04-Oct-14 09:00:00	0.23	10.35	18.92	83.84	88.80
04-Oct-14 10:00:00	04-Oct-14 11:00:00	0.00	0.00	0.00	0.00	16.22	2.1	329.7	0.00	0.00	0.00	0.00	5.55	0.23	10.35	18.92	83.84	86.68	04-Oct-14 10:00:00	0.23	10.35	18.92	83.84	92.03
04-Oct-14 11:00:00	04-Oct-14 12:00:00	0.00	0.00	0.00	0.00	6.18	2.1	329.7	0.00	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	04-Oct-14 11:00:00	0.23	10.35	18.92	83.84	88.72
04-Oct-14 12:00:00	04-Oct-14 13:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	04-Oct-14 12:00:00	0.23	10.35	18.92	83.84	88.68
04-Oct-14 13:00:00	04-Oct-14 14:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	04-Oct-14 13:00:00	0.23	10.35	18.92	83.84	88.64
04-Oct-14 14:00:00	04-Oct-14 15:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	04-Oct-14 14:00:00	0.23	10.35	18.92	83.84	88.60
04-Oct-14 15:00:00	04-Oct-14 16:00:00	0.00	0.00	0.00	0.00	7.22	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	04-Oct-14 15:00:00	0.23	10.35	18.92	83.84	89.06
04-Oct-14 16:00:00	04-Oct-14 17:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	04-Oct-14 16:00:00	0.23	10.35	18.92	83.84	88.59
04-Oct-14 17:00:00	04-Oct-14 18:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	04-Oct-14 17:00:00	0.23	10.35	18.92	83.84	88.59
04-Oct-14 18:00:00	04-Oct-14 19:00:00	0.00	0.28	0.00	0.00	5.77	2.1	329.7	0.00	0.09	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	04-Oct-14 18:00:00	0.23	10.44	18.92	83.84	88.58
04-Oct-14 19:00:00	04-Oct-14 20:00:00	0.00	10.50	0.00	0.00	6.17	2.1	329.7	0.00	3.46	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	04-Oct-14 19:00:00	0.23	13.81	18.92	83.84	88.71
04-Oct-14 20:00:00	04-Oct-14 21:00:00	0.00	25.38	0.00	0.00	6.21	2.1	329.7	0.00	8.37	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	04-Oct-14 20:00:00	0.23	18.72	18.92	83.84	88.73
04-Oct-14 21:00:00	04-Oct-14 22:00:00	0.00	11.75	0.00	0.00	6.09	2.1	329.7	0.00	3.87	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	04-Oct-14 21:00:00	0.23	14.22	18.92	83.84	88.69
04-Oct-14 22:00:00	04-Oct-14 23:00:00	0.00	3.50	0.00	0.00	5.97	2.1	329.7	0.00	1.15	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	04-Oct-14 22:00:00	0.23	11.50	18.92	83.84	88.65
04-Oct-14 23:00:00	05-Oct-14 00:00:00	0.00	8.34	0.00	0.00	5.89	2.1	329.7	0.00	2.75	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	04-Oct-14 23:00:00	0.23	13.10	18.92	83.84	88.62
05-Oct-14 00:00:00	05-Oct-14 01:00:00	0.00	10.08	0.00	0.00	6.10	2.1	329.7	0.00	3.32	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	05-Oct-14 00:00:00	0.23	13.67	18.92	83.84	88.69
05-Oct-14 01:00:00	05-Oct-14 02:00:00	0.00	9.94	0.00	0.00	6.34	2.1	329.7	0.00	3.28	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	05-Oct-14 01:00:00	0.23	13.63	18.92	83.84	88.77
05-Oct-14 02:00:00	05-Oct-14 03:00:00	0.00	19.38	0.00	0.00	6.58	2.1	329.7	0.00	6.39	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	05-Oct-14 02:00:00	0.23	16.74	18.92	83.84	88.85
05-Oct-14 03:00:00	05-Oct-14 04:00:00	0.00	16.49	0.00	0.00	6.87	2.1	329.7	0.00	5.44	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	05-Oct-14 03:00:00	0.23	15.79	18.92	83.84	88.94
05-Oct-14 04:00:00	05-Oct-14 05:00:00	0.00	7.37	0.00	0.00	6.93	2.1	329.7	0.00	2.43	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	05-Oct-14 04:00:00	0.23	12.78	18.92	83.84	88.97
05-Oct-14 05:00:00	05-Oct-14 06:00:00	0.00	8.37	0.00	0.00	6.95	2.1	329.7	0.00	2.76	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	05-Oct-14 05:00:00	0.23	13.11	18.92	83.84	88.97
05-Oct-14 06:00:00	05-Oct-14 07:00:00	0.00	8.77	0.00	0.00	6.96	2.1	329.7	0.00	2.89	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	05-Oct-14 06:00:00	0.23	13.24	18.92	83.84	88.97
05-Oct-14 07:00:00	05-Oct-14 08:00:00	0.00	8.17	0.00	0.00	6.91	2.1	329.7	0.00	2.69	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	05-Oct-14 07:00:00	0.23	13.04	18.92	83.84	88.96
05-Oct-14 08:00:00	05-Oct-14 09:00:00	0.00	9.75	0.00	0.00	6.67	2.1	329.7	0.00	3.22	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	05-Oct-14 08:00:00	0.23	13.57	18.92	83.84	88.88
05-Oct-14 09:00:00	05-Oct-14 10:00:00	0.00	3.84	0.00	0.00	6.42	2.1	329.7	0.00	1.27	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	05-Oct-14 09:00:00	0.23	11.62	18.92	83.84	88.80
05-Oct-14 10:00:00	05-Oct-14 11:00:00	0.00	1.39	0.00	0.00	6.17	2.1	329.7	0.00	0.46	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	05-Oct-14 10:00:00	0.23	10.81	18.92	83.84	88.71
05-Oct-14 11:00:00	05-Oct-14 12:00:00	0.00	0.94	0.00	0.00	5.97	2.1	329.7	0.00	0.31	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	05-Oct-14 11:00:00	0.23	10.66	18.92	83.84	88.65
05-Oct-14 12:00:00	05-Oct-14 13:00:00	0.00	9.33	0.00	0.00	5.87	2.1	329.7	0.00	3.08	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	05-Oct-14 12:00:00	0.23	13.43	18.92	83.84	88.61
05-Oct-14 13:00:00	05-Oct-14 14:00:00	0.00	3.50	0.00	0.00	5.77	2.1	329.7	0.00	1.15	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	05-Oct-14 13:00:00	0.23	11.25	18.92	83.84	88.59
05-Oct-14 14:00:00	05-Oct-14 15:00:00	0.00	3.58	0.00	0.00	5.77	2.1	329.7	0.00	1.18	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	05-Oct-14 14:00:00	0.23	11.53	18.92	83.84	88.55
05-Oct-14 15:00:00	05-Oct-14 16:00:00	0.00	9.29	0.00	0.00	5.62	2.1	329.7	0.00	3.06	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	05-Oct-14 15:00:00	0.23	13.41	18.92	83.84	88.53
05-Oct-14 16:00:00	05-Oct-14 17:00:00	0.00	8.35	0.00	0.00	5.56	2.1	329.7	0.00	2.75	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	05-Oct-14 16:00:00	0.23	13.10	18.92	83.84	88.51
05-Oct-14 17:00:00	05-Oct-14 18:00:00	0.00	0.15	0.00	0.00	5.48	2.1	329.7	0.00	0.05	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	05-Oct-14 17:00:00	0.23	10.40	18.92	83.84	88.49
05-Oct-14 18:00:00	05-Oct-14 19:00:00	0.00	0.58	0.00	0.00	5.40	2.1	329.7	0.00	0.19	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	05-Oct-14 18:00:00	0.23	10.54	18.92	83.84	88.46
05-Oct-14 19:00:00	05-Oct-14 20:00:00	0.00	1.45	0.00	0.00	7.91	2.1	329.7	0.00	0.48	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	05-Oct-14 19:00:00	0.23	10.83	18.92	83.84	88.29
05-Oct-14 20:00:00	05-Oct-14 21:00:00	0.00	6.61	0.00	0.00	5.57	2.1	329.7	0.00	2.18	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	05-Oct-14 20:00:00	0.23	12.53	18.92	83.84	88.52
05-Oct-14 21:00:00	05-Oct-14 22:00:00	0.00	13.02	0.00	0.00	12.72	2.1	329.7	0.00	4.29	0.00	0.00	4.19	0.23	10.35	18.92	83.84	86.68	05-Oct-14 21:00:00	0.23	14.64	18.92	83.84	90.87
05-Oct-14 22:00:00	05-Oct-14 23:00:00	0.00	11.91	0.00	0.00	5.99	2.1	329.7	0.00	3.93	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	05-Oct-14 22:00:00	0.23	14.28	18.92	83.84	8

08-Oct-14 01:00:00	08-Oct-14 02:00:00	0.00	5.31	0.00	0.00	5.44	2.1	329.7	0.00	1.75	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	08-Oct-14 01:00:00	0.23	12.10	18.92	83.84	88.47
08-Oct-14 02:00:00	08-Oct-14 03:00:00	0.00	10.71	0.00	0.00	5.58	2.1	329.7	0.00	3.53	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	08-Oct-14 02:00:00	0.23	13.88	18.92	83.84	88.52
08-Oct-14 03:00:00	08-Oct-14 04:00:00	0.00	1.93	0.00	0.00	5.73	2.1	329.7	0.00	0.64	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	08-Oct-14 03:00:00	0.23	10.99	18.92	83.84	88.57
08-Oct-14 04:00:00	08-Oct-14 05:00:00	0.00	1.36	0.00	0.00	5.79	2.1	329.7	0.00	0.45	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	08-Oct-14 04:00:00	0.23	10.80	18.92	83.84	88.59
08-Oct-14 05:00:00	08-Oct-14 06:00:00	0.00	0.78	0.00	0.00	5.75	2.1	329.7	0.00	0.26	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	08-Oct-14 05:00:00	0.23	10.61	18.92	83.84	88.58
08-Oct-14 06:00:00	08-Oct-14 07:00:00	0.00	0.21	0.00	0.00	5.73	2.1	329.7	0.00	0.07	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	08-Oct-14 06:00:00	0.23	10.42	18.92	83.84	88.57
08-Oct-14 07:00:00	08-Oct-14 08:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	08-Oct-14 07:00:00	0.23	10.35	18.92	83.84	88.56
08-Oct-14 08:00:00	08-Oct-14 09:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	08-Oct-14 08:00:00	0.23	10.35	18.92	83.84	88.56
08-Oct-14 09:00:00	08-Oct-14 10:00:00	0.00	0.00	0.00	0.00	5.46	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	08-Oct-14 09:00:00	0.23	10.35	18.92	83.84	88.48
08-Oct-14 10:00:00	08-Oct-14 11:00:00	0.00	0.00	0.00	0.00	5.18	2.1	329.7	0.00	0.00	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	08-Oct-14 10:00:00	0.23	10.35	18.92	83.84	88.39
08-Oct-14 11:00:00	08-Oct-14 12:00:00	0.00	5.57	0.00	0.00	4.90	2.1	329.7	0.00	1.84	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	08-Oct-14 11:00:00	0.23	12.19	18.92	83.84	88.30
08-Oct-14 12:00:00	08-Oct-14 13:00:00	0.00	8.14	0.00	0.00	4.73	2.1	329.7	0.00	2.68	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	08-Oct-14 12:00:00	0.23	13.09	18.92	83.84	88.24
08-Oct-14 13:00:00	08-Oct-14 14:00:00	0.00	7.71	0.00	0.00	4.60	2.1	329.7	0.00	2.54	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	08-Oct-14 13:00:00	0.23	12.89	18.92	83.84	88.20
08-Oct-14 14:00:00	08-Oct-14 15:00:00	0.00	9.28	0.00	0.00	4.43	2.1	329.7	0.00	3.06	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	08-Oct-14 14:00:00	0.23	13.41	18.92	83.84	88.14
08-Oct-14 15:00:00	08-Oct-14 16:00:00	0.00	5.92	0.00	0.00	4.26	2.1	329.7	0.00	1.95	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	08-Oct-14 15:00:00	0.23	12.30	18.92	83.84	88.08
08-Oct-14 16:00:00	08-Oct-14 17:00:00	0.00	2.73	0.00	0.00	4.12	2.1	329.7	0.00	0.90	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	08-Oct-14 16:00:00	0.23	11.25	18.92	83.84	88.04
08-Oct-14 17:00:00	08-Oct-14 18:00:00	0.00	0.29	0.00	0.00	4.13	2.1	329.7	0.00	0.09	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	08-Oct-14 17:00:00	0.23	10.44	18.92	83.84	88.04
08-Oct-14 18:00:00	08-Oct-14 19:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	08-Oct-14 18:00:00	0.23	10.35	18.92	83.84	88.51
08-Oct-14 19:00:00	08-Oct-14 20:00:00	0.00	0.00	0.00	0.00	4.33	2.1	329.7	0.00	0.00	0.00	0.00	1.43	0.23	10.35	18.92	83.84	86.68	08-Oct-14 19:00:00	0.23	10.35	18.92	83.84	88.11
08-Oct-14 20:00:00	08-Oct-14 21:00:00	0.00	0.31	0.00	0.00	4.64	2.1	329.7	0.00	0.10	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	08-Oct-14 20:00:00	0.23	10.45	18.92	83.84	88.21
08-Oct-14 21:00:00	08-Oct-14 22:00:00	0.00	2.13	0.00	0.00	4.96	2.1	329.7	0.00	0.70	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	08-Oct-14 21:00:00	0.23	11.05	18.92	83.84	88.31
08-Oct-14 22:00:00	08-Oct-14 23:00:00	0.00	5.35	0.00	0.00	5.22	2.1	329.7	0.00	1.76	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	08-Oct-14 22:00:00	0.23	12.11	18.92	83.84	88.40
08-Oct-14 23:00:00	09-Oct-14 00:00:00	0.00	10.66	0.00	0.00	5.29	2.1	329.7	0.00	3.51	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	08-Oct-14 23:00:00	0.23	13.86	18.92	83.84	88.42
09-Oct-14 00:00:00	09-Oct-14 01:00:00	0.00	0.20	0.00	0.00	5.35	2.1	329.7	0.00	0.07	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	09-Oct-14 00:00:00	0.23	10.42	18.92	83.84	88.44
09-Oct-14 01:00:00	09-Oct-14 02:00:00	0.00	8.97	0.00	0.00	5.40	2.1	329.7	0.00	2.96	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	09-Oct-14 01:00:00	0.23	13.31	18.92	83.84	88.46
09-Oct-14 02:00:00	09-Oct-14 03:00:00	0.00	14.88	0.00	0.00	5.50	2.1	329.7	0.00	4.91	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	09-Oct-14 02:00:00	0.23	15.26	18.92	83.84	88.49
09-Oct-14 03:00:00	09-Oct-14 04:00:00	0.00	16.80	0.00	0.00	5.63	2.1	329.7	0.00	5.54	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	09-Oct-14 03:00:00	0.23	15.89	18.92	83.84	88.53
09-Oct-14 04:00:00	09-Oct-14 05:00:00	0.00	6.39	0.00	0.00	5.71	2.1	329.7	0.00	2.11	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	09-Oct-14 04:00:00	0.23	12.46	18.92	83.84	88.56
09-Oct-14 05:00:00	09-Oct-14 06:00:00	0.00	1.42	0.00	0.00	5.79	2.1	329.7	0.00	0.47	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	09-Oct-14 05:00:00	0.23	10.82	18.92	83.84	88.59
09-Oct-14 06:00:00	09-Oct-14 07:00:00	0.00	5.95	0.00	0.00	5.81	2.1	329.7	0.00	1.96	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	09-Oct-14 06:00:00	0.23	12.31	18.92	83.84	88.60
09-Oct-14 07:00:00	09-Oct-14 08:00:00	0.00	32.57	0.00	0.00	5.75	2.1	329.7	0.00	10.74	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Oct-14 07:00:00	0.23	21.99	18.92	83.84	88.58
09-Oct-14 08:00:00	09-Oct-14 09:00:00	0.03	35.70	0.00	0.00	5.72	2.1	329.7	0.00	11.77	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	09-Oct-14 08:00:00	0.23	22.31	18.92	83.84	88.57
09-Oct-14 09:00:00	09-Oct-14 10:00:00	0.22	32.19	0.00	0.00	5.69	2.1	329.7	0.07	10.61	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	09-Oct-14 09:00:00	0.30	20.96	18.92	83.84	88.56
09-Oct-14 10:00:00	09-Oct-14 11:00:00	0.00	30.71	0.00	0.00	6.89	2.1	329.7	0.00	10.12	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	09-Oct-14 10:00:00	0.23	20.47	18.92	83.84	88.55
09-Oct-14 11:00:00	09-Oct-14 12:00:00	0.00	12.52	0.00	0.00	5.38	2.1	329.7	0.00	4.13	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	09-Oct-14 11:00:00	0.23	14.48	18.92	83.84	88.45
09-Oct-14 12:00:00	09-Oct-14 13:00:00	0.00	2.75	0.00	0.00	5.04	2.1	329.7	0.00	0.91	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	09-Oct-14 12:00:00	0.23	11.26	18.92	83.84	88.34
09-Oct-14 13:00:00	09-Oct-14 14:00:00	0.00	7.83	0.00	0.00	4.70	2.1	329.7	0.00	2.58	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	09-Oct-14 13:00:00	0.23	12.93	18.92	83.84	88.23
09-Oct-14 14:00:00	09-Oct-14 15:00:00	0.00	13.72	0.00	0.00	4.43	2.1	329.7	0.00	4.52	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	09-Oct-14 14:00:00	0.23	14.87	18.92	83.84	88.14
09-Oct-14 15:00:00	09-Oct-14 16:00:00	0.00	15.71	0.00	0.00	4.42	2.1	329.7	0.00	5.18	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	09-Oct-14 15:00:00	0.23	15.53	18.92	83.84	88.14
09-Oct-14 16:00:00	09-Oct-14 17:00:00	0.15	3.09	0.00	0.00	4.43	2.1	329.7	0.05	1.02	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	09-Oct-14 16:00:00	0.28	11.37	18.92	83.84	88.14
09-Oct-14 17:00:00	09-Oct-14 18:00:00	0.00	2.15	0.00	0.00	4.44	2.1	329.7	0.00	0.71	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	09-Oct-14 17:00:00	0.23	11.06	18.92	83.84	

11-Oct-14 20:00:00	11-Oct-14 21:00:00	0.00	0.00	0.00	0.00	4.95	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	11-Oct-14 20:00:00	0.23	10.35	18.92	83.84	88.31
11-Oct-14 21:00:00	11-Oct-14 22:00:00	0.00	1.15	0.00	0.00	4.99	2.1	329.7	0.00	0.38	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	11-Oct-14 21:00:00	0.23	10.73	18.92	83.84	88.32
11-Oct-14 22:00:00	11-Oct-14 23:00:00	0.00	0.84	0.00	0.00	5.08	2.1	329.7	0.00	0.28	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	11-Oct-14 22:00:00	0.23	10.63	18.92	83.84	88.35
11-Oct-14 23:00:00	12-Oct-14 00:00:00	0.00	0.35	0.00	0.00	5.18	2.1	329.7	0.00	0.11	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	11-Oct-14 23:00:00	0.23	10.46	18.92	83.84	88.39
12-Oct-14 00:00:00	12-Oct-14 01:00:00	0.00	12.56	0.00	0.00	5.29	2.1	329.7	0.00	4.14	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	12-Oct-14 00:00:00	0.23	10.49	18.92	83.84	88.43
12-Oct-14 01:00:00	12-Oct-14 02:00:00	0.00	23.75	0.00	0.00	5.38	2.1	329.7	0.00	7.83	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	12-Oct-14 01:00:00	0.23	10.48	18.92	83.84	88.45
12-Oct-14 02:00:00	12-Oct-14 03:00:00	0.00	33.94	0.00	0.00	5.45	2.1	329.7	0.00	11.19	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	12-Oct-14 02:00:00	0.23	11.54	18.92	83.84	88.51
12-Oct-14 03:00:00	12-Oct-14 04:00:00	0.00	20.62	0.00	0.00	5.99	2.1	329.7	0.00	6.80	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Oct-14 03:00:00	0.23	17.15	18.92	83.84	88.66
12-Oct-14 04:00:00	12-Oct-14 05:00:00	0.00	1.79	0.00	0.00	269.66	2.1	329.7	0.00	0.59	0.00	0.00	88.91	0.23	10.35	18.92	83.84	86.68	12-Oct-14 04:00:00	0.23	10.94	18.92	83.84	175.59
12-Oct-14 05:00:00	12-Oct-14 06:00:00	0.00	8.18	0.00	0.00	6.01	2.1	329.7	0.00	2.70	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Oct-14 05:00:00	0.23	13.05	18.92	83.84	88.66
12-Oct-14 06:00:00	12-Oct-14 07:00:00	0.00	15.70	0.00	0.00	6.07	2.1	329.7	0.00	5.18	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	12-Oct-14 06:00:00	0.23	15.53	18.92	83.84	88.68
12-Oct-14 07:00:00	12-Oct-14 08:00:00	0.00	17.36	0.00	0.00	6.14	2.1	329.7	0.00	5.72	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	12-Oct-14 07:00:00	0.23	16.07	18.92	83.84	88.70
12-Oct-14 08:00:00	12-Oct-14 09:00:00	0.00	14.78	0.00	0.00	6.07	2.1	329.7	0.00	4.87	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	12-Oct-14 08:00:00	0.23	15.22	18.92	83.84	88.68
12-Oct-14 09:00:00	12-Oct-14 10:00:00	0.00	6.63	0.00	0.00	5.99	2.1	329.7	0.00	2.19	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	12-Oct-14 09:00:00	0.23	12.54	18.92	83.84	88.66
12-Oct-14 10:00:00	12-Oct-14 11:00:00	0.00	1.20	0.00	0.00	5.95	2.1	329.7	0.00	0.39	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	12-Oct-14 10:00:00	0.23	10.74	18.92	83.84	88.64
12-Oct-14 11:00:00	12-Oct-14 12:00:00	0.00	0.00	0.00	0.00	5.91	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	12-Oct-14 11:00:00	0.23	10.35	18.92	83.84	88.63
12-Oct-14 12:00:00	12-Oct-14 13:00:00	0.00	0.00	0.00	0.00	5.86	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	12-Oct-14 12:00:00	0.23	10.35	18.92	83.84	88.61
12-Oct-14 13:00:00	12-Oct-14 14:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	12-Oct-14 13:00:00	0.23	10.35	18.92	83.84	88.60
12-Oct-14 14:00:00	12-Oct-14 15:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	12-Oct-14 14:00:00	0.23	10.35	18.92	83.84	88.60
12-Oct-14 15:00:00	12-Oct-14 16:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	12-Oct-14 15:00:00	0.23	10.35	18.92	83.84	88.60
12-Oct-14 16:00:00	12-Oct-14 17:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	12-Oct-14 16:00:00	0.23	10.35	18.92	83.84	88.59
12-Oct-14 17:00:00	12-Oct-14 18:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	12-Oct-14 17:00:00	0.23	10.35	18.92	83.84	88.59
12-Oct-14 18:00:00	12-Oct-14 19:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	12-Oct-14 18:00:00	0.23	10.35	18.92	83.84	88.59
12-Oct-14 19:00:00	12-Oct-14 20:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	12-Oct-14 19:00:00	0.23	10.35	18.92	83.84	88.59
12-Oct-14 20:00:00	12-Oct-14 21:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	12-Oct-14 20:00:00	0.23	10.35	18.92	83.84	88.59
12-Oct-14 21:00:00	12-Oct-14 22:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	12-Oct-14 21:00:00	0.23	10.35	18.92	83.84	88.58
12-Oct-14 22:00:00	12-Oct-14 23:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	12-Oct-14 22:00:00	0.23	10.35	18.92	83.84	88.58
12-Oct-14 23:00:00	13-Oct-14 00:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	12-Oct-14 23:00:00	0.23	10.35	18.92	83.84	88.57
13-Oct-14 00:00:00	13-Oct-14 01:00:00	0.00	7.41	0.00	0.00	5.69	2.1	329.7	0.00	2.44	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	13-Oct-14 00:00:00	0.23	12.79	18.92	83.84	88.56
13-Oct-14 01:00:00	13-Oct-14 02:00:00	0.00	32.24	0.00	0.00	5.64	2.1	329.7	0.00	10.63	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	13-Oct-14 01:00:00	0.23	20.98	18.92	83.84	88.54
13-Oct-14 02:00:00	13-Oct-14 03:00:00	0.00	28.27	0.00	0.00	5.61	2.1	329.7	0.00	9.32	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	13-Oct-14 02:00:00	0.23	19.67	18.92	83.84	88.53
13-Oct-14 03:00:00	13-Oct-14 04:00:00	0.00	0.99	0.00	0.00	5.60	2.1	329.7	0.00	0.33	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	13-Oct-14 03:00:00	0.23	10.68	18.92	83.84	88.55
13-Oct-14 04:00:00	13-Oct-14 05:00:00	0.00	0.40	0.00	0.00	7.15	2.1	329.7	0.00	0.13	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	13-Oct-14 04:00:00	0.23	10.48	18.92	83.84	89.04
13-Oct-14 05:00:00	13-Oct-14 06:00:00	0.00	0.25	0.00	0.00	5.94	2.1	329.7	0.00	0.08	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	13-Oct-14 05:00:00	0.23	10.43	18.92	83.84	88.64
13-Oct-14 06:00:00	13-Oct-14 07:00:00	0.00	0.11	0.00	0.00	5.67	2.1	329.7	0.00	0.03	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	13-Oct-14 06:00:00	0.23	10.38	18.92	83.84	88.55
13-Oct-14 07:00:00	13-Oct-14 08:00:00	0.00	0.88	0.00	0.00	6.42	2.1	329.7	0.00	0.29	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	13-Oct-14 07:00:00	0.23	10.64	18.92	83.84	88.80
13-Oct-14 08:00:00	13-Oct-14 09:00:00	0.00	0.85	0.00	0.00	5.68	2.1	329.7	0.00	0.28	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	13-Oct-14 08:00:00	0.23	10.63	18.92	83.84	88.55
13-Oct-14 09:00:00	13-Oct-14 10:00:00	0.00	0.54	0.00	0.00	5.53	2.1	329.7	0.00	0.18	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	13-Oct-14 09:00:00	0.23	10.53	18.92	83.84	88.50
13-Oct-14 10:00:00	13-Oct-14 11:00:00	0.00	0.23	0.00	0.00	5.38	2.1	329.7	0.00	0.08	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	13-Oct-14 10:00:00	0.23	10.43	18.92	83.84	88.45
13-Oct-14 11:00:00	13-Oct-14 12:00:00	0.00	7.42	0.00	0.00	5.23	2.1	329.7	0.00	2.45	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	13-Oct-14 11:00:00	0.23	12.80	18.92	83.84	88.40
13-Oct-14 12:00:00	13-Oct-14 13:00:00	0.00	8.28	0.00	0.00	5.05	2.1	329.7	0.00	2.73	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	13-Oct-14 12:00:00	0.23	13.08	18.92	83.84	

15-Oct-14 15:00:00	15-Oct-14 16:00:00	1,724.51	0.00	0.00	0.00	5.22	2.1	329.7	568.57	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	15-Oct-14 15:00:00	568.80	10.35	18.92	83.84	88.40
15-Oct-14 16:00:00	15-Oct-14 17:00:00	1,541.79	5.75	0.00	0.00	62.36	2.1	329.7	508.33	1.89	0.00	0.00	20.56	0.23	10.35	18.92	83.84	86.68	15-Oct-14 16:00:00	508.56	12.24	18.92	83.84	107.24
15-Oct-14 17:00:00	15-Oct-14 18:00:00	962.32	0.00	0.00	0.00	5.15	2.1	329.7	317.28	0.00	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	15-Oct-14 17:00:00	317.51	10.35	18.92	83.84	88.38
15-Oct-14 18:00:00	15-Oct-14 19:00:00	1,224.39	0.00	0.00	0.00	8.58	2.1	329.7	403.68	0.00	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	15-Oct-14 18:00:00	403.91	10.35	18.92	83.84	89.51
15-Oct-14 19:00:00	15-Oct-14 20:00:00	1,077.93	0.00	0.00	0.00	10.52	2.1	329.7	355.59	0.00	0.00	0.00	3.47	0.23	10.35	18.92	83.84	86.68	15-Oct-14 19:00:00	355.62	10.35	18.92	83.84	90.15
15-Oct-14 20:00:00	15-Oct-14 21:00:00	1,025.18	0.00	0.00	0.00	6.02	2.1	329.7	338.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	15-Oct-14 20:00:00	338.23	10.35	18.92	83.84	89.66
15-Oct-14 21:00:00	15-Oct-14 22:00:00	1,238.47	0.00	0.00	0.00	23.23	2.1	329.7	405.63	0.00	0.00	0.00	7.66	0.23	10.35	18.92	83.84	86.68	15-Oct-14 21:00:00	405.36	10.35	18.92	83.84	94.34
15-Oct-14 22:00:00	15-Oct-14 23:00:00	1,123.46	0.00	0.00	0.00	5.82	2.1	329.7	370.41	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	15-Oct-14 22:00:00	370.64	10.35	18.92	83.84	88.60
15-Oct-14 23:00:00	16-Oct-14 00:00:00	1,311.77	1.37	0.00	0.00	49.56	2.1	329.7	373.15	0.45	0.00	0.00	16.34	0.23	10.35	18.92	83.84	86.68	15-Oct-14 23:00:00	373.38	10.80	18.92	83.84	103.02
16-Oct-14 00:00:00	16-Oct-14 01:00:00	1,128.43	3.05	0.00	0.00	7.19	2.1	329.7	372.04	1.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	16-Oct-14 00:00:00	372.27	11.35	18.92	83.84	89.05
16-Oct-14 01:00:00	16-Oct-14 02:00:00	1,284.12	8.82	0.00	0.00	37.11	2.1	329.7	423.37	2.91	0.00	0.00	12.24	0.23	10.35	18.92	83.84	86.68	16-Oct-14 01:00:00	423.60	13.26	18.92	83.84	98.92
16-Oct-14 02:00:00	16-Oct-14 03:00:00	1,252.87	7.50	0.00	0.00	5.67	2.1	329.7	413.07	2.47	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	16-Oct-14 02:00:00	413.30	12.82	18.92	83.84	88.55
16-Oct-14 03:00:00	16-Oct-14 04:00:00	1,371.57	0.93	0.00	0.00	6.96	2.1	329.7	452.21	0.31	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	16-Oct-14 03:00:00	452.44	10.66	18.92	83.84	88.98
16-Oct-14 04:00:00	16-Oct-14 05:00:00	1,354.69	1.84	0.00	0.00	21.29	2.1	329.7	446.64	0.61	0.00	0.00	7.02	0.23	10.35	18.92	83.84	86.68	16-Oct-14 04:00:00	446.87	10.96	18.92	83.84	93.70
16-Oct-14 05:00:00	16-Oct-14 06:00:00	1,407.83	0.96	0.00	0.00	5.86	2.1	329.7	464.16	0.32	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	16-Oct-14 05:00:00	464.39	10.67	18.92	83.84	88.61
16-Oct-14 06:00:00	16-Oct-14 07:00:00	1,370.60	3.25	0.00	0.00	5.88	2.1	329.7	451.89	1.07	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	16-Oct-14 06:00:00	452.12	11.42	18.92	83.84	88.62
16-Oct-14 07:00:00	16-Oct-14 08:00:00	1,364.68	0.11	0.00	0.00	27.79	2.1	329.7	449.94	0.04	0.00	0.00	9.16	0.23	10.35	18.92	83.84	86.68	16-Oct-14 07:00:00	450.17	10.39	18.92	83.84	95.84
16-Oct-14 08:00:00	16-Oct-14 09:00:00	1,354.29	0.00	0.00	0.00	6.09	2.1	329.7	446.55	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	16-Oct-14 08:00:00	446.74	10.35	18.92	83.84	88.69
16-Oct-14 09:00:00	16-Oct-14 10:00:00	1,339.11	0.00	0.00	0.00	5.97	2.1	329.7	441.50	0.00	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	16-Oct-14 09:00:00	441.73	10.35	18.92	83.84	88.65
16-Oct-14 10:00:00	16-Oct-14 11:00:00	1,214.56	0.00	0.00	0.00	51.77	2.1	329.7	400.44	0.00	0.00	0.00	17.07	0.23	10.35	18.92	83.84	86.68	16-Oct-14 10:00:00	400.67	10.35	18.92	83.84	103.75
16-Oct-14 11:00:00	16-Oct-14 12:00:00	1,404.84	0.00	0.00	0.00	5.89	2.1	329.7	463.18	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	16-Oct-14 11:00:00	463.41	10.35	18.92	83.84	88.62
16-Oct-14 12:00:00	16-Oct-14 13:00:00	1,461.38	0.90	0.00	0.00	10.03	2.1	329.7	481.82	0.30	0.00	0.00	3.31	0.23	10.35	18.92	83.84	86.68	16-Oct-14 12:00:00	482.05	10.65	18.92	83.84	89.99
16-Oct-14 13:00:00	16-Oct-14 14:00:00	1,559.61	2.12	0.00	0.00	5.92	2.1	329.7	514.20	0.70	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	16-Oct-14 13:00:00	514.43	11.05	18.92	83.84	88.63
16-Oct-14 14:00:00	16-Oct-14 15:00:00	1,677.65	5.09	0.00	0.00	28.92	2.1	329.7	553.12	1.68	0.00	0.00	9.54	0.23	10.35	18.92	83.84	86.68	16-Oct-14 14:00:00	553.35	12.03	18.92	83.84	96.22
16-Oct-14 15:00:00	16-Oct-14 16:00:00	1,459.14	0.33	0.00	0.00	5.41	2.1	329.7	481.08	0.11	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	16-Oct-14 15:00:00	481.31	10.46	18.92	83.84	88.46
16-Oct-14 16:00:00	16-Oct-14 17:00:00	1,134.88	0.00	0.00	0.00	6.70	2.1	329.7	374.17	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	16-Oct-14 16:00:00	374.40	10.35	18.92	83.84	88.89
16-Oct-14 17:00:00	16-Oct-14 18:00:00	1,411.31	0.00	0.00	0.00	5.32	2.1	329.7	465.31	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	16-Oct-14 17:00:00	465.54	10.35	18.92	83.84	88.44
16-Oct-14 18:00:00	16-Oct-14 19:00:00	1,852.72	0.00	0.00	0.00	34.97	2.1	329.7	610.84	0.00	0.00	0.00	11.53	0.23	10.35	18.92	83.84	86.68	16-Oct-14 18:00:00	611.07	10.35	18.92	83.84	98.21
16-Oct-14 19:00:00	16-Oct-14 20:00:00	1,724.67	0.00	0.00	0.00	5.62	2.1	329.7	568.62	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	16-Oct-14 19:00:00	568.85	10.35	18.92	83.84	88.53
16-Oct-14 20:00:00	16-Oct-14 21:00:00	753.57	0.00	0.00	0.00	20.89	2.1	329.7	248.45	0.00	0.00	0.00	6.89	0.23	10.35	18.92	83.84	86.68	16-Oct-14 20:00:00	248.68	10.35	18.92	83.84	93.57
16-Oct-14 21:00:00	16-Oct-14 22:00:00	66.11	0.00	0.00	0.00	6.17	2.1	329.7	21.79	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	16-Oct-14 21:00:00	22.02	10.35	18.92	83.84	88.71
16-Oct-14 22:00:00	16-Oct-14 23:00:00	0.00	0.73	0.00	0.00	32.89	2.1	329.7	0.00	0.00	0.00	0.24	0.23	10.35	18.92	83.84	86.68	16-Oct-14 22:00:00	0.23	10.65	18.92	83.84	97.35	
16-Oct-14 23:00:00	17-Oct-14 00:00:00	0.00	7.58	0.00	0.00	6.28	2.1	329.7	0.00	2.50	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	16-Oct-14 23:00:00	0.23	12.85	18.92	83.84	88.75
17-Oct-14 00:00:00	17-Oct-14 01:00:00	0.00	5.89	0.00	0.00	130.48	2.1	329.7	0.00	1.94	0.00	0.00	43.02	0.23	10.35	18.92	83.84	86.68	17-Oct-14 00:00:00	0.23	12.29	18.92	83.84	129.70
17-Oct-14 01:00:00	17-Oct-14 02:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	17-Oct-14 01:00:00	0.23	10.35	18.92	83.84	88.75
17-Oct-14 02:00:00	17-Oct-14 03:00:00	0.00	0.00	0.00	0.00	8.25	2.1	329.7	0.00	0.00	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	17-Oct-14 02:00:00	0.23	10.35	18.92	83.84	89.40
17-Oct-14 03:00:00	17-Oct-14 04:00:00	0.00	2.23	0.00	0.00	6.35	2.1	329.7	0.00	0.74	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	17-Oct-14 03:00:00	0.23	11.09	18.92	83.84	88.77
17-Oct-14 04:00:00	17-Oct-14 05:00:00	0.00	2.62	0.00	0.00	31.05	2.1	329.7	0.00	0.86	0.00	0.00	10.24	0.23	10.35	18.92	83.84	86.68	17-Oct-14 04:00:00	0.23	11.21	18.92	83.84	96.92
17-Oct-14 05:00:00	17-Oct-14 06:00:00	0.00	3.36	0.00	0.00	16.41	2.1	329.7	0.00	1.11	0.00	0.00	5.41	0.23	10.35	18.92	83.84	86.68	17-Oct-14 05:00:00	0.23	11.46	18.92	83.84	92.09
17-Oct-14 06:00:00	17-Oct-14 07:00:00	0.00	0.57	0.00	0.00	50.32	2.1	329.7	0.00	0.19	0.00	0.00	16.59	0.23	10.35	18.92	83.84	86.68	17-Oct-14 06:00:00	0.23	10.54	18.92	83.84	103.27
17-Oct-14 07:00:00	17-Oct-14 08:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	17-Oct-14 07:00:00	0.23	10.35	18.92	83.84	88.76
17-Oct-14 08:00:00	17-Oct-14 09:00:00	0.00	0.00	0.00	0.00	40.17	2.1	329.7	0.00	0.00	0.00	0.00	13.24	0.23	10.35	18.92	83.84	86.68	17-Oct-14 08:00:00	0.23	10.35	18.92	83.84	99.92
17-Oct-14 09:00:00	17-Oct-14 10:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	17-Oct-14 09:00:00	0.23	10.35	18.92	83.84	88.94
17-Oct-14 10:00:00	17-Oct-14 11:00:00	0.00	0.95	0.00	0.00	5.51	2.1	329.7	0.00	0.31	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	17-Oct-14 10:00:00	0.23	10.66	18.92	83.84	88.50
17-Oct-14 11:00:00	17-Oct-14 12:00:00	0.																						

19-Oct-14 10:00:00	19-Oct-14 11:00:00	172.14	1.48	0.00	0.00	6.03	2.1	329.7	56.76	0.49	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	19-Oct-14 10:00:00	56.99	10.84	18.92	83.84	88.67
19-Oct-14 11:00:00	19-Oct-14 12:00:00	192.37	5.64	0.00	0.00	131.37	2.1	329.7	63.42	1.86	0.00	0.00	43.31	0.23	10.35	18.92	83.84	86.68	19-Oct-14 11:00:00	63.65	12.21	18.92	83.84	129.99
19-Oct-14 12:00:00	19-Oct-14 13:00:00	210.37	0.00	0.00	0.00	5.57	2.1	329.7	69.36	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	19-Oct-14 12:00:00	69.59	10.35	18.92	83.84	88.52
19-Oct-14 13:00:00	19-Oct-14 14:00:00	209.65	0.06	0.00	0.00	91.50	2.1	329.7	69.12	0.02	0.00	0.00	30.17	0.23	10.35	18.92	83.84	86.68	19-Oct-14 13:00:00	69.35	10.37	18.92	83.84	116.85
19-Oct-14 14:00:00	19-Oct-14 15:00:00	210.05	4.25	0.00	0.00	5.75	2.1	329.7	69.25	1.48	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	19-Oct-14 14:00:00	69.48	11.75	18.92	83.84	88.58
19-Oct-14 15:00:00	19-Oct-14 16:00:00	208.14	7.20	0.00	0.00	14.37	2.1	329.7	68.62	2.38	0.00	0.00	4.74	0.23	10.35	18.92	83.84	86.68	19-Oct-14 15:00:00	68.85	12.73	18.92	83.84	91.42
19-Oct-14 16:00:00	19-Oct-14 17:00:00	209.07	1.78	0.00	0.00	6.35	2.1	329.7	68.60	0.59	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	19-Oct-14 16:00:00	68.85	10.94	18.92	83.84	89.45
19-Oct-14 17:00:00	19-Oct-14 18:00:00	209.40	1.29	0.00	0.00	133.73	2.1	329.7	69.04	0.43	0.00	0.00	44.09	0.23	10.35	18.92	83.84	86.68	19-Oct-14 17:00:00	69.27	10.78	18.92	83.84	130.77
19-Oct-14 18:00:00	19-Oct-14 19:00:00	210.76	1.52	0.00	0.00	5.39	2.1	329.7	69.49	0.50	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	19-Oct-14 18:00:00	69.72	10.85	18.92	83.84	88.46
19-Oct-14 19:00:00	19-Oct-14 20:00:00	248.43	3.20	0.00	0.00	15.31	2.1	329.7	81.91	1.05	0.00	0.00	5.05	0.23	10.35	18.92	83.84	86.68	19-Oct-14 19:00:00	82.14	11.40	18.92	83.84	91.73
19-Oct-14 20:00:00	19-Oct-14 21:00:00	265.83	0.00	0.00	0.00	5.82	2.1	329.7	87.64	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	19-Oct-14 20:00:00	87.87	10.35	18.92	83.84	88.60
19-Oct-14 21:00:00	19-Oct-14 22:00:00	267.16	0.00	0.00	0.00	6.21	2.1	329.7	88.08	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	19-Oct-14 21:00:00	88.31	10.35	18.92	83.84	88.73
19-Oct-14 22:00:00	19-Oct-14 23:00:00	266.77	4.69	0.00	0.00	6.59	2.1	329.7	87.95	1.55	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	19-Oct-14 22:00:00	88.18	11.90	18.92	83.84	88.85
19-Oct-14 23:00:00	20-Oct-14 00:00:00	266.51	6.93	0.00	0.00	11.29	2.1	329.7	87.87	2.29	0.00	0.00	3.72	0.23	10.35	18.92	83.84	86.68	19-Oct-14 23:00:00	88.10	12.64	18.92	83.84	90.40
20-Oct-14 00:00:00	20-Oct-14 01:00:00	315.54	1.05	0.00	0.00	6.89	2.1	329.7	104.03	0.35	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	20-Oct-14 00:00:00	104.26	10.70	18.92	83.84	88.95
20-Oct-14 01:00:00	20-Oct-14 02:00:00	321.54	0.42	0.00	0.00	6.98	2.1	329.7	106.01	0.14	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	20-Oct-14 01:00:00	106.24	10.49	18.92	83.84	88.98
20-Oct-14 02:00:00	20-Oct-14 03:00:00	320.20	1.97	0.00	0.00	7.08	2.1	329.7	105.57	0.65	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	20-Oct-14 02:00:00	105.80	11.00	18.92	83.84	89.01
20-Oct-14 03:00:00	20-Oct-14 04:00:00	321.27	0.57	0.00	0.00	7.09	2.1	329.7	105.92	0.19	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	20-Oct-14 03:00:00	106.15	10.54	18.92	83.84	89.02
20-Oct-14 04:00:00	20-Oct-14 05:00:00	320.82	1.34	0.00	0.00	7.11	2.1	329.7	105.77	0.44	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	20-Oct-14 04:00:00	106.00	10.79	18.92	83.84	89.02
20-Oct-14 05:00:00	20-Oct-14 06:00:00	320.54	1.14	0.00	0.00	7.17	2.1	329.7	105.68	0.38	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	20-Oct-14 05:00:00	105.91	10.73	18.92	83.84	89.04
20-Oct-14 06:00:00	20-Oct-14 07:00:00	320.73	5.67	0.00	0.00	7.24	2.1	329.7	105.74	1.87	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	20-Oct-14 06:00:00	105.97	12.22	18.92	83.84	89.07
20-Oct-14 07:00:00	20-Oct-14 08:00:00	322.92	7.35	0.00	0.00	7.24	2.1	329.7	106.47	2.42	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	20-Oct-14 07:00:00	106.70	12.77	18.92	83.84	89.07
20-Oct-14 08:00:00	20-Oct-14 09:00:00	320.15	0.07	0.00	0.00	6.92	2.1	329.7	105.56	0.02	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	20-Oct-14 08:00:00	105.79	10.37	18.92	83.84	88.96
20-Oct-14 09:00:00	20-Oct-14 10:00:00	323.89	0.00	0.00	0.00	6.57	2.1	329.7	106.79	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	20-Oct-14 09:00:00	107.02	10.35	18.92	83.84	88.84
20-Oct-14 10:00:00	20-Oct-14 11:00:00	312.47	0.39	0.00	0.00	6.21	2.1	329.7	103.02	0.13	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	20-Oct-14 10:00:00	103.25	10.48	18.92	83.84	88.73
20-Oct-14 11:00:00	20-Oct-14 12:00:00	318.74	2.14	0.00	0.00	5.88	2.1	329.7	105.09	0.70	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	20-Oct-14 11:00:00	105.32	11.05	18.92	83.84	88.62
20-Oct-14 12:00:00	20-Oct-14 13:00:00	316.76	3.98	0.00	0.00	5.71	2.1	329.7	104.44	1.31	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	20-Oct-14 12:00:00	104.67	11.66	18.92	83.84	88.56
20-Oct-14 13:00:00	20-Oct-14 14:00:00	317.23	4.02	0.00	0.00	5.55	2.1	329.7	104.59	1.33	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	20-Oct-14 13:00:00	104.82	11.68	18.92	83.84	88.51
20-Oct-14 14:00:00	20-Oct-14 15:00:00	307.87	3.34	0.00	0.00	94.28	2.1	329.7	101.50	0.11	0.00	0.00	31.08	0.23	10.35	18.92	83.84	86.68	20-Oct-14 14:00:00	101.73	10.46	18.92	83.84	117.76
20-Oct-14 15:00:00	20-Oct-14 16:00:00	314.84	1.35	0.00	0.00	5.64	2.1	329.7	103.80	0.44	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	20-Oct-14 15:00:00	104.03	10.79	18.92	83.84	88.54
20-Oct-14 16:00:00	20-Oct-14 17:00:00	285.18	0.83	0.00	0.00	5.93	2.1	329.7	94.02	0.27	0.00	0.00	1.05	0.23	10.35	18.92	83.84	86.68	20-Oct-14 16:00:00	94.25	10.62	18.92	83.84	88.63
20-Oct-14 17:00:00	20-Oct-14 18:00:00	305.44	0.00	0.00	0.00	6.42	2.1	329.7	103.20	1.36	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	20-Oct-14 17:00:00	101.43	11.71	18.92	83.84	89.25
20-Oct-14 18:00:00	20-Oct-14 19:00:00	295.66	4.68	0.00	0.00	6.34	2.1	329.7	97.48	1.54	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	20-Oct-14 18:00:00	97.71	11.89	18.92	83.84	88.77
20-Oct-14 19:00:00	20-Oct-14 20:00:00	250.90	0.66	0.00	0.00	6.34	2.1	329.7	82.72	0.22	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	20-Oct-14 19:00:00	82.95	10.57	18.92	83.84	88.77
20-Oct-14 20:00:00	20-Oct-14 21:00:00	239.35	0.35	0.00	0.00	6.34	2.1	329.7	78.91	0.11	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	20-Oct-14 20:00:00	79.14	10.46	18.92	83.84	88.77
20-Oct-14 21:00:00	20-Oct-14 22:00:00	245.36	2.71	0.00	0.00	6.33	2.1	329.7	80.89	0.89	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	20-Oct-14 21:00:00	81.12	11.24	18.92	83.84	88.77
20-Oct-14 22:00:00	20-Oct-14 23:00:00	311.69	1.80	0.00	0.00	6.27	2.1	329.7	102.77	0.59	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	20-Oct-14 22:00:00	103.00	10.94	18.92	83.84	88.75
20-Oct-14 23:00:00	21-Oct-14 00:00:00	293.34	1.48	0.00	0.00	6.29	2.1	329.7	96.71	0.49	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	20-Oct-14 23:00:00	96.94	10.84	18.92	83.84	88.75
21-Oct-14 00:00:00	21-Oct-14 01:00:00	287.98	0.00	0.00	0.00	6.31	2.1	329.7	94.95	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	21-Oct-14 00:00:00	95.18	10.35	18.92	83.84	88.76
21-Oct-14 01:00:00	21-Oct-14 02:00:00	369.75	0.00	0.00	0.00	6.33	2.1	329.7	121.91	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	21-Oct-14 01:00:00	122.14	10.35	18.92	83.84	88.77
21-Oct-14 02:00:00	21-Oct-14 03:00:00	357.08	0.00	0.00	0.00	6.38	2.1	329.7	117.73	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	21-Oct-14 02:00:00	117.96	10.35	18.92	83.84	88.78
21-Oct-14 03:00:00	21-Oct-14 04:00:00	344.73	0.00	0.00	0.00	6.43	2.1	329.7	113.66	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	21-Oct-14 03:00:00	113.89	10.35	18.92	83.84	88.80
21-Oct-14 04:00:00	21-Oct-14 05:00:00	345.98	0.10	0.00	0.00	6.48	2.1	329.7	114.07	0.03	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	21-Oct-14 04:00:00	114.30	10.38	18.92	83.84	88.82
21-Oct-14 05:00:00	21-Oct-14 06:00:00	346.04	0.00	0.00	0.00	6.52	2.1	329.7	114.69	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68						

23-Oct-14 05:00:00	23-Oct-14 06:00:00	0.00	0.00	0.00	0.00	7.17	2.1	329.7	0.00	0.00	0.00	0.00	2.37	0.23	10.35	18.92	83.84	86.68	23-Oct-14 05:00:00	0.23	10.35	18.92	83.84	89.05
23-Oct-14 06:00:00	23-Oct-14 07:00:00	0.00	0.00	0.00	0.00	7.10	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	23-Oct-14 06:00:00	0.23	10.35	18.92	83.84	89.02
23-Oct-14 07:00:00	23-Oct-14 08:00:00	62.16	2.98	0.00	0.00	7.03	2.1	329.7	20.49	0.98	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	23-Oct-14 07:00:00	20.72	11.33	18.92	83.84	89.00
23-Oct-14 08:00:00	23-Oct-14 09:00:00	25.98	0.00	0.00	0.00	6.86	2.1	329.7	8.57	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	23-Oct-14 08:00:00	8.80	10.35	18.92	83.84	88.94
23-Oct-14 09:00:00	23-Oct-14 10:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	23-Oct-14 09:00:00	0.23	10.35	18.92	83.84	88.83
23-Oct-14 10:00:00	23-Oct-14 11:00:00	0.00	2.56	0.00	0.00	6.17	2.1	329.7	0.00	0.84	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	23-Oct-14 10:00:00	0.23	11.49	18.92	83.84	88.72
23-Oct-14 11:00:00	23-Oct-14 12:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.16	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	23-Oct-14 11:00:00	0.23	10.51	18.92	83.84	88.69
23-Oct-14 12:00:00	23-Oct-14 13:00:00	0.00	6.52	0.00	0.00	5.58	2.1	329.7	0.00	2.15	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	23-Oct-14 12:00:00	0.23	12.50	18.92	83.84	88.52
23-Oct-14 13:00:00	23-Oct-14 14:00:00	37.49	3.89	0.00	0.00	6.50	2.1	329.7	12.36	1.28	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	23-Oct-14 13:00:00	12.59	11.63	18.92	83.84	88.82
23-Oct-14 14:00:00	23-Oct-14 15:00:00	328.11	11.41	0.00	0.00	5.81	2.1	329.7	108.18	3.76	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	23-Oct-14 14:00:00	108.41	14.11	18.92	83.84	88.60
23-Oct-14 15:00:00	23-Oct-14 16:00:00	618.60	10.83	0.00	0.00	6.37	2.1	329.7	203.95	3.57	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	23-Oct-14 15:00:00	204.18	13.92	18.92	83.84	88.78
23-Oct-14 16:00:00	23-Oct-14 17:00:00	729.56	1.59	0.00	0.00	5.11	2.1	329.7	240.53	0.53	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	23-Oct-14 16:00:00	240.76	10.88	18.92	83.84	88.36
23-Oct-14 17:00:00	23-Oct-14 18:00:00	580.78	1.86	0.00	0.00	44.73	2.1	329.7	191.48	0.61	0.00	0.00	14.75	0.23	10.35	18.92	83.84	86.68	23-Oct-14 17:00:00	191.71	10.96	18.92	83.84	101.43
23-Oct-14 18:00:00	23-Oct-14 19:00:00	659.01	0.00	0.00	0.00	6.17	2.1	329.7	217.27	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	23-Oct-14 18:00:00	217.50	10.35	18.92	83.84	88.71
23-Oct-14 19:00:00	23-Oct-14 20:00:00	619.91	3.12	0.00	0.00	5.53	2.1	329.7	204.38	1.03	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	23-Oct-14 19:00:00	204.61	11.38	18.92	83.84	88.50
23-Oct-14 20:00:00	23-Oct-14 21:00:00	632.77	4.38	0.00	0.00	5.86	2.1	329.7	208.63	1.44	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	23-Oct-14 20:00:00	208.86	11.79	18.92	83.84	88.61
23-Oct-14 21:00:00	23-Oct-14 22:00:00	629.07	1.84	0.00	0.00	6.18	2.1	329.7	207.40	0.61	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	23-Oct-14 21:00:00	207.63	10.96	18.92	83.84	88.72
23-Oct-14 22:00:00	23-Oct-14 23:00:00	567.69	0.07	0.00	0.00	6.38	2.1	329.7	187.17	0.02	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	23-Oct-14 22:00:00	207.63	10.96	18.92	83.84	88.78
23-Oct-14 23:00:00	24-Oct-14 00:00:00	604.38	0.00	0.00	0.00	18.94	2.1	329.7	199.26	0.00	0.00	0.00	6.25	0.23	10.35	18.92	83.84	86.68	23-Oct-14 23:00:00	199.49	10.35	18.92	83.84	92.93
24-Oct-14 00:00:00	24-Oct-14 01:00:00	632.29	0.00	0.00	0.00	7.06	2.1	329.7	208.47	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	24-Oct-14 00:00:00	208.70	10.35	18.92	83.84	89.01
24-Oct-14 01:00:00	24-Oct-14 02:00:00	692.34	0.00	0.00	0.00	7.01	2.1	329.7	228.26	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	24-Oct-14 01:00:00	228.49	10.35	18.92	83.84	88.99
24-Oct-14 02:00:00	24-Oct-14 03:00:00	727.80	0.00	0.00	0.00	6.55	2.1	329.7	239.96	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	24-Oct-14 02:00:00	240.19	10.35	18.92	83.84	88.84
24-Oct-14 03:00:00	24-Oct-14 04:00:00	595.23	0.00	0.00	0.00	6.54	2.1	329.7	196.25	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	24-Oct-14 03:00:00	196.48	10.35	18.92	83.84	88.84
24-Oct-14 04:00:00	24-Oct-14 05:00:00	310.04	0.00	0.00	0.00	6.53	2.1	329.7	102.22	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	24-Oct-14 04:00:00	102.45	10.35	18.92	83.84	88.83
24-Oct-14 05:00:00	24-Oct-14 06:00:00	411.55	0.00	0.00	0.00	6.51	2.1	329.7	135.69	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	24-Oct-14 05:00:00	135.92	10.35	18.92	83.84	88.83
24-Oct-14 06:00:00	24-Oct-14 07:00:00	357.43	0.00	0.00	0.00	34.81	2.1	329.7	117.84	0.00	0.00	0.00	11.48	0.23	10.35	18.92	83.84	86.68	24-Oct-14 06:00:00	118.07	10.35	18.92	83.84	98.16
24-Oct-14 07:00:00	24-Oct-14 08:00:00	525.70	0.00	0.00	0.00	6.38	2.1	329.7	173.32	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	24-Oct-14 07:00:00	173.55	10.35	18.92	83.84	88.78
24-Oct-14 08:00:00	24-Oct-14 09:00:00	696.48	0.72	0.00	0.00	6.29	2.1	329.7	229.63	0.24	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	24-Oct-14 08:00:00	229.86	10.59	18.92	83.84	88.75
24-Oct-14 09:00:00	24-Oct-14 10:00:00	653.96	0.78	0.00	0.00	6.20	2.1	329.7	215.61	0.26	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	24-Oct-14 09:00:00	215.84	10.61	18.92	83.84	88.72
24-Oct-14 10:00:00	24-Oct-14 11:00:00	653.06	0.46	0.00	0.00	6.05	2.1	329.7	215.31	0.15	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	24-Oct-14 10:00:00	215.54	10.50	18.92	83.84	88.68
24-Oct-14 11:00:00	24-Oct-14 12:00:00	749.65	0.27	0.00	0.00	5.62	2.1	329.7	247.16	0.09	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	24-Oct-14 11:00:00	247.39	10.44	18.92	83.84	88.53
24-Oct-14 12:00:00	24-Oct-14 13:00:00	617.93	4.71	0.00	0.00	67.41	2.1	329.7	203.73	1.55	0.00	0.00	2.72	0.23	10.35	18.92	83.84	86.68	24-Oct-14 12:00:00	203.96	11.00	18.92	83.84	108.90
24-Oct-14 13:00:00	24-Oct-14 14:00:00	539.86	3.07	0.00	0.00	5.19	2.1	329.7	177.99	1.01	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	24-Oct-14 13:00:00	178.22	11.26	18.92	83.84	88.39
24-Oct-14 14:00:00	24-Oct-14 15:00:00	526.61	2.45	0.00	0.00	5.31	2.1	329.7	173.62	0.81	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	24-Oct-14 14:00:00	173.85	11.16	18.92	83.84	88.43
24-Oct-14 15:00:00	24-Oct-14 16:00:00	518.51	12.07	0.00	0.00	5.23	2.1	329.7	170.95	3.98	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	24-Oct-14 15:00:00	171.18	14.33	18.92	83.84	88.40
24-Oct-14 16:00:00	24-Oct-14 17:00:00	637.70	16.43	0.00	0.00	5.47	2.1	329.7	210.25	5.42	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	24-Oct-14 16:00:00	210.48	15.77	18.92	83.84	88.48
24-Oct-14 17:00:00	24-Oct-14 18:00:00	693.48	3.53	0.00	0.00	5.19	2.1	329.7	228.64	1.16	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	24-Oct-14 17:00:00	228.87	11.51	18.92	83.84	88.39
24-Oct-14 18:00:00	24-Oct-14 19:00:00	553.19	1.16	0.00	0.00	24.77	2.1	329.7	182.39	0.38	0.00	0.00	8.17	0.23	10.35	18.92	83.84	86.68	24-Oct-14 18:00:00	182.62	10.73	18.92	83.84	94.85
24-Oct-14 19:00:00	24-Oct-14 20:00:00	628.54	0.00	0.00	0.00	6.21	2.1	329.7	207.23	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	24-Oct-14 19:00:00	207.46	10.35	18.92	83.84	88.73
24-Oct-14 20:00:00	24-Oct-14 21:00:00	732.76	0.00	0.00	0.00	5.62	2.1	329.7	241.59	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	24-Oct-14 20:00:00	241.82	10.35	18.92	83.84	88.53
24-Oct-14 21:00:00	24-Oct-14 22:00:00	540.83	2.54	0.00	0.00	5																		

27-Oct-14 00:00:00	27-Oct-14 01:00:00	466.79	9.96	0.00	0.00	13.97	2.1	329.7	153.90	3.28	0.00	0.00	4.61	0.23	10.35	18.92	83.84	86.68	27-Oct-14 00:00:00	154.13	13.63	18.92	83.84	91.29
27-Oct-14 01:00:00	27-Oct-14 02:00:00	466.26	13.64	0.00	0.00	6.22	2.1	329.7	153.73	4.49	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Oct-14 01:00:00	153.96	14.84	18.92	83.84	88.73
27-Oct-14 02:00:00	27-Oct-14 03:00:00	468.37	7.03	0.00	0.00	6.20	2.1	329.7	154.42	2.32	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	27-Oct-14 02:00:00	154.65	12.67	18.92	83.84	88.76
27-Oct-14 03:00:00	27-Oct-14 04:00:00	569.86	13.18	0.00	0.00	23.31	2.1	329.7	187.88	4.35	0.00	0.00	7.69	0.23	10.35	18.92	83.84	86.68	27-Oct-14 03:00:00	188.11	14.70	18.92	83.84	94.37
27-Oct-14 04:00:00	27-Oct-14 05:00:00	594.97	7.55	0.00	0.00	6.64	2.1	329.7	196.16	2.49	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	27-Oct-14 04:00:00	196.39	12.84	18.92	83.84	88.87
27-Oct-14 05:00:00	27-Oct-14 06:00:00	549.77	10.37	0.00	0.00	52.02	2.1	329.7	181.26	3.42	0.00	0.00	17.15	0.23	10.35	18.92	83.84	86.68	27-Oct-14 05:00:00	181.49	13.77	18.92	83.84	103.83
27-Oct-14 06:00:00	27-Oct-14 07:00:00	590.80	6.18	0.00	0.00	6.37	2.1	329.7	197.79	2.04	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	27-Oct-14 06:00:00	198.02	12.39	18.92	83.84	89.85
27-Oct-14 07:00:00	27-Oct-14 08:00:00	1,138.93	2.61	0.00	0.00	6.50	2.1	329.7	372.21	0.86	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	27-Oct-14 07:00:00	372.44	11.21	18.92	83.84	88.82
27-Oct-14 08:00:00	27-Oct-14 09:00:00	1,622.31	15.53	0.00	0.00	6.43	2.1	329.7	534.88	5.12	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	27-Oct-14 08:00:00	535.11	15.47	18.92	83.84	88.80
27-Oct-14 09:00:00	27-Oct-14 10:00:00	1,651.26	16.86	0.00	0.00	6.34	2.1	329.7	544.42	5.56	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	27-Oct-14 09:00:00	544.65	15.91	18.92	83.84	88.77
27-Oct-14 10:00:00	27-Oct-14 11:00:00	1,178.89	14.05	0.00	0.00	6.05	2.1	329.7	388.68	4.63	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	27-Oct-14 10:00:00	388.91	14.98	18.92	83.84	88.67
27-Oct-14 11:00:00	27-Oct-14 12:00:00	1,344.64	139.19	0.00	0.00	5.36	2.1	329.7	443.33	45.89	0.00	0.00	1.77	0.23	10.35	18.92	83.84	86.68	27-Oct-14 11:00:00	443.56	56.24	18.92	83.84	88.45
27-Oct-14 12:00:00	27-Oct-14 13:00:00	1,291.97	17.81	0.00	0.00	5.08	2.1	329.7	425.96	5.87	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	27-Oct-14 12:00:00	426.19	16.22	18.92	83.84	88.36
27-Oct-14 13:00:00	27-Oct-14 14:00:00	1,335.47	49.52	0.00	0.00	4.80	2.1	329.7	440.30	16.33	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	27-Oct-14 13:00:00	440.53	26.68	18.92	83.84	88.26
27-Oct-14 14:00:00	27-Oct-14 15:00:00	1,593.39	126.88	0.00	0.00	4.59	2.1	329.7	525.34	41.83	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	27-Oct-14 14:00:00	525.57	52.18	18.92	83.84	88.19
27-Oct-14 15:00:00	27-Oct-14 16:00:00	1,588.88	147.48	0.00	0.00	4.52	2.1	329.7	523.85	48.63	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	27-Oct-14 15:00:00	524.08	58.98	18.92	83.84	88.17
27-Oct-14 16:00:00	27-Oct-14 17:00:00	1,336.40	236.93	0.00	0.00	4.46	2.1	329.7	440.61	78.12	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	27-Oct-14 16:00:00	440.84	88.47	18.92	83.84	88.15
27-Oct-14 17:00:00	27-Oct-14 18:00:00	1,448.55	29.34	0.00	0.00	4.39	2.1	329.7	477.59	9.67	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	27-Oct-14 17:00:00	477.82	20.02	18.92	83.84	88.13
27-Oct-14 18:00:00	27-Oct-14 19:00:00	1,266.19	3.62	0.00	0.00	4.41	2.1	329.7	417.46	1.19	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	27-Oct-14 18:00:00	417.69	11.54	18.92	83.84	88.13
27-Oct-14 19:00:00	27-Oct-14 20:00:00	1,176.43	0.69	0.00	0.00	4.80	2.1	329.7	387.87	0.22	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	27-Oct-14 19:00:00	388.10	10.57	18.92	83.84	88.26
27-Oct-14 20:00:00	27-Oct-14 21:00:00	1,078.02	0.77	0.00	0.00	16.92	2.1	329.7	355.42	0.26	0.00	0.00	5.58	0.23	10.35	18.92	83.84	86.68	27-Oct-14 20:00:00	355.65	10.61	18.92	83.84	92.26
27-Oct-14 21:00:00	27-Oct-14 22:00:00	1,230.73	4.23	0.00	0.00	5.51	2.1	329.7	405.77	1.39	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	27-Oct-14 21:00:00	406.00	11.74	18.92	83.84	88.50
27-Oct-14 22:00:00	27-Oct-14 23:00:00	1,235.52	4.04	0.00	0.00	5.76	2.1	329.7	407.35	1.33	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	27-Oct-14 22:00:00	407.58	11.68	18.92	83.84	88.58
27-Oct-14 23:00:00	28-Oct-14 00:00:00	1,236.11	5.68	0.00	0.00	6.00	2.1	329.7	407.54	1.87	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	27-Oct-14 23:00:00	407.77	12.22	18.92	83.84	88.66
28-Oct-14 00:00:00	28-Oct-14 01:00:00	1,104.05	3.12	0.00	0.00	6.25	2.1	329.7	364.00	1.03	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	28-Oct-14 00:00:00	364.23	11.38	18.92	83.84	88.74
28-Oct-14 01:00:00	28-Oct-14 02:00:00	1,116.50	3.74	0.00	0.00	6.28	2.1	329.7	368.11	1.23	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Oct-14 01:00:00	368.34	11.58	18.92	83.84	88.75
28-Oct-14 02:00:00	28-Oct-14 03:00:00	1,026.06	0.00	0.00	0.00	6.25	2.1	329.7	338.29	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	28-Oct-14 02:00:00	338.52	10.35	18.92	83.84	88.74
28-Oct-14 03:00:00	28-Oct-14 04:00:00	1,098.64	0.00	0.00	0.00	6.22	2.1	329.7	362.22	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	28-Oct-14 03:00:00	362.45	10.35	18.92	83.84	88.73
28-Oct-14 04:00:00	28-Oct-14 05:00:00	1,017.97	0.00	0.00	0.00	6.14	2.1	329.7	335.63	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	28-Oct-14 04:00:00	335.86	10.35	18.92	83.84	88.70
28-Oct-14 05:00:00	28-Oct-14 06:00:00	1,077.26	0.00	0.00	0.00	6.16	2.1	329.7	355.17	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	28-Oct-14 05:00:00	355.40	10.35	18.92	83.84	88.71
28-Oct-14 06:00:00	28-Oct-14 07:00:00	1,002.75	0.57	0.00	0.00	6.27	2.1	329.7	330.61	0.93	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	28-Oct-14 06:00:00	330.84	10.54	18.92	83.84	88.75
28-Oct-14 07:00:00	28-Oct-14 08:00:00	1,060.39	2.39	0.00	0.00	6.38	2.1	329.7	349.61	0.79	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	28-Oct-14 07:00:00	349.84	10.35	18.92	83.84	88.78
28-Oct-14 08:00:00	28-Oct-14 09:00:00	975.13	0.00	0.00	0.00	6.47	2.1	329.7	321.50	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	28-Oct-14 08:00:00	321.73	10.35	18.92	83.84	88.81
28-Oct-14 09:00:00	28-Oct-14 10:00:00	1,017.03	0.00	0.00	0.00	18.19	2.1	329.7	335.32	0.00	0.00	0.00	6.00	0.23	10.35	18.92	83.84	86.68	28-Oct-14 09:00:00	335.55	10.35	18.92	83.84	92.68
28-Oct-14 10:00:00	28-Oct-14 11:00:00	1,519.56	0.00	0.00	0.00	6.03	2.1	329.7	501.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	28-Oct-14 10:00:00	501.23	10.35	18.92	83.84	88.67
28-Oct-14 11:00:00	28-Oct-14 12:00:00	1,629.45	2.99	0.00	0.00	5.57	2.1	329.7	537.23	0.98	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	28-Oct-14 11:00:00	537.46	11.33	18.92	83.84	88.52
28-Oct-14 12:00:00	28-Oct-14 13:00:00	1,728.52	1.12	0.00	0.00	5.11	2.1	329.7	569.89	0.37	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	28-Oct-14 12:00:00	570.12	10.72	18.92	83.84	88.36
28-Oct-14 13:00:00	28-Oct-14 14:00:00	1,569.34	0.00	0.00	0.00	4.65	2.1	329.7	517.41	0.00	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	28-Oct-14 13:00:00	517.64	10.35	18.92	83.84	88.21
28-Oct-14 14:00:00	28-Oct-14 15:00:00	1,423.84	0.00	0.00	0.00	4.36	2.1	329.7	469.44	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	28-Oct-14 14:00:00	469.67	10.35	18.92	83.84	88.12
28-Oct-14 15:00:00	28-Oct-14 16:00:00	1,662.42	0.00	0.00	0.00	4.26	2.1	329.7	548.10	0.00	0.00	0.00	1.40	0.23	10.35	18.92	83.84	86.68	28-Oct-14 15:00:00	548.33	10.35			

30-Oct-14 19:00:00	30-Oct-14 20:00:00	210.37	0.43	0.00	0.00	5.62	2.1	329.7	69.36	0.14	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	30-Oct-14 19:00:00	69.59	10.49	18.92	83.84	88.53
30-Oct-14 20:00:00	30-Oct-14 21:00:00	0.00	0.84	0.00	0.00	5.81	2.1	329.7	0.00	0.28	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	30-Oct-14 20:00:00	0.23	10.63	18.92	83.84	88.59
30-Oct-14 21:00:00	30-Oct-14 22:00:00	0.00	2.22	0.00	0.00	6.07	2.1	329.7	0.00	0.73	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	30-Oct-14 21:00:00	0.23	11.08	18.92	83.84	88.68
30-Oct-14 22:00:00	30-Oct-14 23:00:00	0.00	3.74	0.00	0.00	6.33	2.1	329.7	0.00	1.23	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	30-Oct-14 22:00:00	0.23	11.58	18.92	83.84	88.77
30-Oct-14 23:00:00	31-Oct-14 00:00:00	0.00	2.75	0.00	0.00	6.61	2.1	329.7	0.00	0.90	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	30-Oct-14 23:00:00	0.23	11.25	18.92	83.84	88.86
31-Oct-14 00:00:00	31-Oct-14 01:00:00	0.00	4.47	0.00	0.00	6.84	2.1	329.7	0.00	1.48	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	31-Oct-14 00:00:00	0.23	11.83	18.92	83.84	88.94
31-Oct-14 01:00:00	31-Oct-14 02:00:00	0.00	3.37	0.00	0.00	6.93	2.1	329.7	0.00	1.31	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	31-Oct-14 01:00:00	0.23	11.63	18.92	83.84	88.96
31-Oct-14 02:00:00	31-Oct-14 03:00:00	0.00	0.18	0.00	0.00	7.01	2.1	329.7	0.00	0.06	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	31-Oct-14 02:00:00	0.23	10.41	18.92	83.84	88.99
31-Oct-14 03:00:00	31-Oct-14 04:00:00	0.00	0.00	0.00	0.00	7.07	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	31-Oct-14 03:00:00	0.23	10.35	18.92	83.84	89.01
31-Oct-14 04:00:00	31-Oct-14 05:00:00	0.00	0.00	0.00	0.00	7.02	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	31-Oct-14 04:00:00	0.23	10.35	18.92	83.84	89.00
31-Oct-14 05:00:00	31-Oct-14 06:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	31-Oct-14 05:00:00	0.23	10.35	18.92	83.84	89.03
31-Oct-14 06:00:00	31-Oct-14 07:00:00	0.00	0.00	0.00	0.00	7.21	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	31-Oct-14 06:00:00	0.23	10.35	18.92	83.84	89.06
31-Oct-14 07:00:00	31-Oct-14 08:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	31-Oct-14 07:00:00	0.23	10.35	18.92	83.84	89.08
31-Oct-14 08:00:00	31-Oct-14 09:00:00	0.00	0.00	0.00	0.00	7.11	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	31-Oct-14 08:00:00	0.23	10.35	18.92	83.84	89.03
31-Oct-14 09:00:00	31-Oct-14 10:00:00	0.00	0.00	0.00	0.00	6.84	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	31-Oct-14 09:00:00	0.23	10.35	18.92	83.84	88.93
31-Oct-14 10:00:00	31-Oct-14 11:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	31-Oct-14 10:00:00	0.23	10.35	18.92	83.84	88.84
31-Oct-14 11:00:00	31-Oct-14 12:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	31-Oct-14 11:00:00	0.23	10.35	18.92	83.84	88.75
31-Oct-14 12:00:00	31-Oct-14 13:00:00	0.00	0.12	0.00	0.00	6.15	2.1	329.7	0.00	0.04	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	31-Oct-14 12:00:00	0.23	10.39	18.92	83.84	88.71
31-Oct-14 13:00:00	31-Oct-14 14:00:00	0.00	1.65	0.00	0.00	6.03	2.1	329.7	0.00	0.54	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	31-Oct-14 13:00:00	0.23	10.89	18.92	83.84	88.67
31-Oct-14 14:00:00	31-Oct-14 15:00:00	0.00	4.72	0.00	0.00	5.92	2.1	329.7	0.00	1.55	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	31-Oct-14 14:00:00	0.23	11.90	18.92	83.84	88.62
31-Oct-14 15:00:00	31-Oct-14 16:00:00	0.00	3.79	0.00	0.00	5.82	2.1	329.7	0.00	1.25	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	31-Oct-14 15:00:00	0.23	11.60	18.92	83.84	88.60
31-Oct-14 16:00:00	31-Oct-14 17:00:00	0.00	0.92	0.00	0.00	5.84	2.1	329.7	0.00	0.30	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	31-Oct-14 16:00:00	0.23	10.65	18.92	83.84	88.61
31-Oct-14 17:00:00	31-Oct-14 18:00:00	0.00	0.63	0.00	0.00	5.79	2.1	329.7	0.00	0.21	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	31-Oct-14 17:00:00	0.23	10.56	18.92	83.84	88.59
31-Oct-14 18:00:00	31-Oct-14 19:00:00	0.00	0.35	0.00	0.00	5.74	2.1	329.7	0.00	0.11	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	31-Oct-14 18:00:00	0.23	10.46	18.92	83.84	88.57
31-Oct-14 19:00:00	31-Oct-14 20:00:00	0.00	0.07	0.00	0.00	5.70	2.1	329.7	0.00	0.02	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	31-Oct-14 19:00:00	0.23	10.37	18.92	83.84	88.56
31-Oct-14 20:00:00	31-Oct-14 21:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	31-Oct-14 20:00:00	0.23	10.35	18.92	83.84	88.61
31-Oct-14 21:00:00	31-Oct-14 22:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	31-Oct-14 21:00:00	0.23	10.35	18.92	83.84	88.70
31-Oct-14 22:00:00	31-Oct-14 23:00:00	0.00	1.61	0.00	0.00	6.36	2.1	329.7	0.00	0.53	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	31-Oct-14 22:00:00	0.23	10.88	18.92	83.84	88.78
31-Oct-14 23:00:00	01-Nov-14 00:00:00	0.00	1.08	0.00	0.00	6.58	2.1	329.7	0.00	0.36	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	31-Oct-14 23:00:00	0.23	10.71	18.92	83.84	88.85
01-Nov-14 00:00:00	01-Nov-14 01:00:00	0.00	1.74	0.00	0.00	6.57	2.1	329.7	0.00	0.57	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	01-Nov-14 00:00:00	0.23	10.92	18.92	83.84	88.85
01-Nov-14 01:00:00	01-Nov-14 02:00:00	0.00	2.42	0.00	0.00	6.68	2.1	329.7	0.00	0.80	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	01-Nov-14 01:00:00	0.23	11.15	18.92	83.84	88.88
01-Nov-14 02:00:00	01-Nov-14 03:00:00	0.00	2.69	0.00	0.00	6.79	2.1	329.7	0.00	0.91	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	01-Nov-14 02:00:00	0.23	11.30	18.92	83.84	88.92
01-Nov-14 03:00:00	01-Nov-14 04:00:00	0.00	1.05	0.00	0.00	6.89	2.1	329.7	0.00	0.35	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	01-Nov-14 03:00:00	0.23	10.70	18.92	83.84	88.95
01-Nov-14 04:00:00	01-Nov-14 05:00:00	0.00	3.93	0.00	0.00	6.92	2.1	329.7	0.00	1.30	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	01-Nov-14 04:00:00	0.23	11.65	18.92	83.84	88.96
01-Nov-14 05:00:00	01-Nov-14 06:00:00	0.00	4.36	0.00	0.00	6.92	2.1	329.7	0.00	1.44	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	01-Nov-14 05:00:00	0.23	11.79	18.92	83.84	88.96
01-Nov-14 06:00:00	01-Nov-14 07:00:00	0.00	4.83	0.00	0.00	6.91	2.1	329.7	0.00	1.59	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	01-Nov-14 06:00:00	0.23	11.94	18.92	83.84	88.96
01-Nov-14 07:00:00	01-Nov-14 08:00:00	0.00	5.09	0.00	0.00	6.91	2.1	329.7	0.00	1.68	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	01-Nov-14 07:00:00	0.23	12.03	18.92	83.84	88.96
01-Nov-14 08:00:00	01-Nov-14 09:00:00	675.76	5.34	0.00	0.00	6.96	2.1	329.7	222.80	1.76	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	01-Nov-14 08:00:00	223.03	12.11	18.92	83.84	88.97
01-Nov-14 09:00:00	01-Nov-14 10:00:00	707.69	4.91	0.00	0.00	7.03	2.1	329.7	233.33	1.62	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	01-Nov-14 09:00:00	233.56	11.97	18.92	83.84	89.00
01-Nov-14 10:00:00	01-Nov-14 11:00:00	735.18	4.82	0.00	0.00	7.10	2.1	329.7	242.39	0.27	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	01-Nov-14 10:00:00	242.62	10.62	18.92	83.84	89.02
01-Nov-14 11:00:00	01-Nov-14 12:00:00	1,307.52	6.57	0.00	0.00	7.17	2.1	329.7	431.09	2.17	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	01-Nov-14 11:00:00	431.32	12.52	18.		

03-Nov-14 13:00:00	03-Nov-14 14:00:00	431.11	7.81	0.00	0.00	5.57	2.1	329.7	142.14	2.57	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	03-Nov-14 13:00:00	142.37	12.92	18.92	83.84	88.52
03-Nov-14 14:00:00	03-Nov-14 15:00:00	484.37	4.44	0.00	0.00	5.42	2.1	329.7	159.70	1.46	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	03-Nov-14 14:00:00	159.93	11.81	18.92	83.84	88.47
03-Nov-14 15:00:00	03-Nov-14 16:00:00	518.73	7.34	0.00	0.00	5.26	2.1	329.7	171.02	2.42	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	03-Nov-14 15:00:00	171.25	12.77	18.92	83.84	88.42
03-Nov-14 16:00:00	03-Nov-14 17:00:00	498.90	3.56	0.00	0.00	5.18	2.1	329.7	164.49	1.17	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	03-Nov-14 16:00:00	164.72	11.52	18.92	83.84	88.39
03-Nov-14 17:00:00	03-Nov-14 18:00:00	497.30	0.59	0.00	0.00	6.24	2.1	329.7	163.96	0.20	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	03-Nov-14 17:00:00	164.19	10.55	18.92	83.84	88.74
03-Nov-14 18:00:00	03-Nov-14 19:00:00	118.37	0.74	0.00	0.00	5.47	2.1	329.7	39.03	0.24	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	03-Nov-14 18:00:00	39.26	10.59	18.92	83.84	88.46
03-Nov-14 19:00:00	03-Nov-14 20:00:00	0.00	1.30	0.00	0.00	5.27	2.1	329.7	0.00	0.43	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	03-Nov-14 19:00:00	0.23	10.78	18.92	83.84	88.57
03-Nov-14 20:00:00	03-Nov-14 21:00:00	0.00	0.61	0.00	0.00	5.99	2.1	329.7	0.00	0.20	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	03-Nov-14 20:00:00	0.23	10.55	18.92	83.84	88.66
03-Nov-14 21:00:00	03-Nov-14 22:00:00	125.18	2.26	0.00	0.00	6.25	2.1	329.7	41.27	0.74	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	03-Nov-14 21:00:00	41.50	11.09	18.92	83.84	88.74
03-Nov-14 22:00:00	03-Nov-14 23:00:00	705.62	0.81	0.00	0.00	6.42	2.1	329.7	232.64	0.27	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	03-Nov-14 22:00:00	232.87	10.62	18.92	83.84	88.80
03-Nov-14 23:00:00	04-Nov-14 00:00:00	477.54	0.56	0.00	0.00	6.55	2.1	329.7	157.45	0.19	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	03-Nov-14 23:00:00	157.68	10.54	18.92	83.84	88.84
04-Nov-14 00:00:00	04-Nov-14 01:00:00	382.87	0.00	0.00	0.00	100.51	2.1	329.7	126.23	0.00	0.00	0.00	33.14	0.23	10.35	18.92	83.84	86.68	04-Nov-14 00:00:00	126.46	10.35	18.92	83.84	119.82
04-Nov-14 01:00:00	04-Nov-14 02:00:00	33.15	0.00	0.00	0.00	13.73	2.1	329.7	10.93	0.00	0.00	0.00	4.53	0.23	10.35	18.92	83.84	86.68	04-Nov-14 01:00:00	11.16	10.35	18.92	83.84	91.21
04-Nov-14 02:00:00	04-Nov-14 03:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	04-Nov-14 02:00:00	0.23	10.35	18.92	83.84	88.97
04-Nov-14 03:00:00	04-Nov-14 04:00:00	0.00	0.00	0.00	0.00	7.01	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	04-Nov-14 03:00:00	0.23	10.35	18.92	83.84	88.99
04-Nov-14 04:00:00	04-Nov-14 05:00:00	0.00	0.00	0.00	0.00	7.07	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	04-Nov-14 04:00:00	0.23	10.35	18.92	83.84	89.01
04-Nov-14 05:00:00	04-Nov-14 06:00:00	0.00	1.44	0.00	0.00	8.05	2.1	329.7	0.00	0.47	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	04-Nov-14 05:00:00	0.23	10.82	18.92	83.84	89.33
04-Nov-14 06:00:00	04-Nov-14 07:00:00	0.00	0.00	0.00	0.00	7.07	2.1	329.7	0.00	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	04-Nov-14 06:00:00	0.23	10.35	18.92	83.84	89.01
04-Nov-14 07:00:00	04-Nov-14 08:00:00	0.00	0.00	0.00	0.00	53.38	2.1	329.7	0.00	0.00	0.00	0.00	17.60	0.23	10.35	18.92	83.84	86.68	04-Nov-14 07:00:00	0.23	10.35	18.92	83.84	104.28
04-Nov-14 08:00:00	04-Nov-14 09:00:00	0.00	0.00	0.00	0.00	7.09	2.1	329.7	0.00	0.00	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	04-Nov-14 08:00:00	0.23	10.35	18.92	83.84	89.02
04-Nov-14 09:00:00	04-Nov-14 10:00:00	0.00	0.01	0.00	0.00	53.41	2.1	329.7	0.00	0.00	0.00	0.00	17.61	0.23	10.35	18.92	83.84	86.68	04-Nov-14 09:00:00	0.23	10.35	18.92	83.84	104.29
04-Nov-14 10:00:00	04-Nov-14 11:00:00	0.00	0.12	0.00	0.00	6.49	2.1	329.7	0.00	0.04	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	04-Nov-14 10:00:00	0.23	10.39	18.92	83.84	88.82
04-Nov-14 11:00:00	04-Nov-14 12:00:00	0.00	0.26	0.00	0.00	6.09	2.1	329.7	0.00	0.08	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	04-Nov-14 11:00:00	0.23	10.43	18.92	83.84	88.69
04-Nov-14 12:00:00	04-Nov-14 13:00:00	0.00	1.82	0.00	0.00	5.68	2.1	329.7	0.00	0.60	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	04-Nov-14 12:00:00	0.23	10.95	18.92	83.84	88.55
04-Nov-14 13:00:00	04-Nov-14 14:00:00	0.00	7.79	0.00	0.00	5.29	2.1	329.7	0.00	2.57	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	04-Nov-14 13:00:00	0.23	12.92	18.92	83.84	88.42
04-Nov-14 14:00:00	04-Nov-14 15:00:00	0.00	8.28	0.00	0.00	5.09	2.1	329.7	0.00	2.73	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	04-Nov-14 14:00:00	0.23	13.08	18.92	83.84	88.36
04-Nov-14 15:00:00	04-Nov-14 16:00:00	0.00	4.86	0.00	0.00	4.95	2.1	329.7	0.00	1.60	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	04-Nov-14 15:00:00	0.23	11.95	18.92	83.84	88.31
04-Nov-14 16:00:00	04-Nov-14 17:00:00	0.00	8.23	0.00	0.00	4.81	2.1	329.7	0.00	2.71	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	04-Nov-14 16:00:00	0.23	13.06	18.92	83.84	88.26
04-Nov-14 17:00:00	04-Nov-14 18:00:00	0.00	12.01	0.00	0.00	4.68	2.1	329.7	0.00	3.96	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	04-Nov-14 17:00:00	0.23	14.31	18.92	83.84	88.22
04-Nov-14 18:00:00	04-Nov-14 19:00:00	0.00	11.14	0.00	0.00	4.83	2.1	329.7	0.00	3.67	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	04-Nov-14 18:00:00	0.23	14.02	18.92	83.84	88.27
04-Nov-14 19:00:00	04-Nov-14 20:00:00	433.88	8.04	0.00	0.00	6.65	2.1	329.7	143.05	2.65	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	04-Nov-14 19:00:00	143.28	13.00	18.92	83.84	88.87
04-Nov-14 20:00:00	04-Nov-14 21:00:00	404.04	4.90	0.00	0.00	4.90	2.1	329.7	133.87	1.62	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	04-Nov-14 20:00:00	134.10	11.87	18.92	83.84	89.40
04-Nov-14 21:00:00	04-Nov-14 22:00:00	370.85	3.99	0.00	0.00	5.23	2.1	329.7	127.27	1.32	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	04-Nov-14 21:00:00	127.50	11.67	18.92	83.84	88.40
04-Nov-14 22:00:00	04-Nov-14 23:00:00	887.65	0.00	0.00	0.00	5.24	2.1	329.7	292.66	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	04-Nov-14 22:00:00	292.89	10.35	18.92	83.84	88.41
04-Nov-14 23:00:00	05-Nov-14 00:00:00	986.69	2.51	0.00	0.00	7.21	2.1	329.7	325.31	0.83	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	04-Nov-14 23:00:00	325.54	11.18	18.92	83.84	89.06
05-Nov-14 00:00:00	05-Nov-14 01:00:00	1,226.12	18.54	0.00	0.00	5.21	2.1	329.7	404.25	6.11	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	05-Nov-14 00:00:00	404.48	16.46	18.92	83.84	88.40
05-Nov-14 01:00:00	05-Nov-14 02:00:00	1,436.70	25.63	0.00	0.00	9.37	2.1	329.7	473.68	8.45	0.00	0.00	3.09	0.23	10.35	18.92	83.84	86.68	05-Nov-14 01:00:00	473.91	18.80	18.92	83.84	89.77
05-Nov-14 02:00:00	05-Nov-14 03:00:00	1,299.63	22.48	0.00	0.00	5.34	2.1	329.7	428.49	7.41	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	05-Nov-14 02:00:00	428.72	17.76	18.92	83.84	88.44
05-Nov-14 03:00:00	05-Nov-14 04:00:00	1,434.65	13.52	0.00	0.00	5.39	2.1	329.7	473.00	4.46	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	05-Nov-14 03:00:00	473.23	14.81	18.92	83.84	88.46
05-Nov-14 04:00:00	05-Nov-14 05:00:00	1,460.90	5.91	0.00	0.00	5.44	2.1	329.7	481.66	1.95	0.00	0.00	1.79	0.23	10.35	18.92	83.84	86.68	05-Nov-14 04:00:00	481.89	12.30	18.92	83.84	88.47
05-Nov-14 05:00:00	05-Nov-14 06:00:00	1,184.72	10.82	0.00	0.00	5.45	2.1	329.7	390.60	3.57	0.00													

07-Nov-14 08:00:00	07-Nov-14 09:00:00	0.00	0.00	0.00	0.00	6.11	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	07-Nov-14 08:00:00	0.23	10.35	18.92	83.84	86.68
07-Nov-14 09:00:00	07-Nov-14 10:00:00	0.00	0.00	0.00	0.00	5.75	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	07-Nov-14 09:00:00	0.23	10.35	18.92	83.84	86.68
07-Nov-14 10:00:00	07-Nov-14 11:00:00	0.00	1.90	0.00	0.00	5.49	2.1	329.7	0.00	0.63	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	07-Nov-14 10:00:00	0.23	10.98	18.92	83.84	86.68
07-Nov-14 11:00:00	07-Nov-14 12:00:00	0.00	5.09	0.00	0.00	5.32	2.1	329.7	0.00	1.68	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	07-Nov-14 11:00:00	0.23	12.03	18.92	83.84	86.68
07-Nov-14 12:00:00	07-Nov-14 13:00:00	0.00	5.56	0.00	0.00	5.14	2.1	329.7	0.00	1.83	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	07-Nov-14 12:00:00	0.23	12.18	18.92	83.84	86.68
07-Nov-14 13:00:00	07-Nov-14 14:00:00	0.00	3.12	0.00	0.00	4.97	2.1	329.7	0.00	1.03	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	07-Nov-14 13:00:00	0.23	11.38	18.92	83.84	86.68
07-Nov-14 14:00:00	07-Nov-14 15:00:00	0.00	3.13	0.00	0.00	4.97	2.1	329.7	0.00	1.03	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	07-Nov-14 14:00:00	0.23	11.38	18.92	83.84	86.68
07-Nov-14 15:00:00	07-Nov-14 16:00:00	0.00	2.88	0.00	0.00	5.00	2.1	329.7	0.00	0.95	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	07-Nov-14 15:00:00	0.23	11.30	18.92	83.84	86.68
07-Nov-14 16:00:00	07-Nov-14 17:00:00	0.00	1.86	0.00	0.00	5.10	2.1	329.7	0.00	0.61	0.00	0.00	1.68	0.23	10.35	18.92	83.84	86.68	07-Nov-14 16:00:00	0.23	10.96	18.92	83.84	86.68
07-Nov-14 17:00:00	07-Nov-14 18:00:00	0.00	1.14	0.00	0.00	5.20	2.1	329.7	0.00	0.38	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	07-Nov-14 17:00:00	0.23	10.73	18.92	83.84	86.68
07-Nov-14 18:00:00	07-Nov-14 19:00:00	0.00	0.43	0.00	0.00	5.26	2.1	329.7	0.00	0.14	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	07-Nov-14 18:00:00	0.23	10.49	18.92	83.84	86.68
07-Nov-14 19:00:00	07-Nov-14 20:00:00	0.09	0.49	0.00	0.00	5.53	2.1	329.7	0.03	0.16	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	07-Nov-14 19:00:00	0.26	10.51	18.92	83.84	86.68
07-Nov-14 20:00:00	07-Nov-14 21:00:00	0.78	2.68	0.00	0.00	5.83	2.1	329.7	0.26	0.88	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	07-Nov-14 20:00:00	0.49	11.23	18.92	83.84	86.68
07-Nov-14 21:00:00	07-Nov-14 22:00:00	0.02	1.01	0.00	0.00	6.13	2.1	329.7	0.01	0.33	0.00	0.00	2.02	0.23	10.35	18.92	83.84	86.68	07-Nov-14 21:00:00	0.24	10.68	18.92	83.84	86.68
07-Nov-14 22:00:00	07-Nov-14 23:00:00	0.02	1.63	0.00	0.00	6.36	2.1	329.7	0.01	0.54	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	07-Nov-14 22:00:00	0.24	10.89	18.92	83.84	86.68
07-Nov-14 23:00:00	08-Nov-14 00:00:00	0.00	1.09	0.00	0.00	6.39	2.1	329.7	0.00	0.36	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	07-Nov-14 23:00:00	0.23	10.71	18.92	83.84	86.68
08-Nov-14 00:00:00	08-Nov-14 01:00:00	0.00	0.67	0.00	0.00	6.42	2.1	329.7	0.00	0.22	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	08-Nov-14 00:00:00	0.23	10.57	18.92	83.84	86.68
08-Nov-14 01:00:00	08-Nov-14 02:00:00	0.00	0.24	0.00	0.00	6.45	2.1	329.7	0.00	0.08	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	08-Nov-14 01:00:00	0.23	10.43	18.92	83.84	86.68
08-Nov-14 02:00:00	08-Nov-14 03:00:00	0.06	0.00	0.00	0.00	6.53	2.1	329.7	0.02	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	08-Nov-14 02:00:00	0.25	10.35	18.92	83.84	86.68
08-Nov-14 03:00:00	08-Nov-14 04:00:00	0.48	0.00	0.00	0.00	6.64	2.1	329.7	0.16	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	08-Nov-14 03:00:00	0.39	10.35	18.92	83.84	86.68
08-Nov-14 04:00:00	08-Nov-14 05:00:00	0.90	0.13	0.00	0.00	6.73	2.1	329.7	0.30	0.04	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	08-Nov-14 04:00:00	0.53	10.39	18.92	83.84	86.68
08-Nov-14 05:00:00	08-Nov-14 06:00:00	1.34	1.12	0.00	0.00	6.82	2.1	329.7	0.44	0.37	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	08-Nov-14 05:00:00	0.67	10.72	18.92	83.84	86.68
08-Nov-14 06:00:00	08-Nov-14 07:00:00	1.91	3.19	0.00	0.00	6.91	2.1	329.7	0.63	1.05	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	08-Nov-14 06:00:00	0.86	11.40	18.92	83.84	86.68
08-Nov-14 07:00:00	08-Nov-14 08:00:00	2.51	1.86	0.00	0.00	95.69	2.1	329.7	0.83	0.61	0.00	0.00	31.55	0.23	10.35	18.92	83.84	86.68	08-Nov-14 07:00:00	1.06	10.96	18.92	83.84	118.23
08-Nov-14 08:00:00	08-Nov-14 09:00:00	3.11	0.36	0.00	0.00	6.94	2.1	329.7	1.03	0.12	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	08-Nov-14 08:00:00	1.26	10.47	18.92	83.84	86.68
08-Nov-14 09:00:00	08-Nov-14 10:00:00	1.95	0.56	0.00	0.00	7.08	2.1	329.7	0.64	0.18	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	08-Nov-14 09:00:00	0.87	10.53	18.92	83.84	86.68
08-Nov-14 10:00:00	08-Nov-14 11:00:00	0.16	1.22	0.00	0.00	6.16	2.1	329.7	0.05	0.40	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	08-Nov-14 10:00:00	0.28	10.75	18.92	83.84	86.68
08-Nov-14 11:00:00	08-Nov-14 12:00:00	0.32	0.22	0.00	0.00	11.05	2.1	329.7	0.11	0.07	0.00	0.00	3.64	0.23	10.35	18.92	83.84	86.68	08-Nov-14 11:00:00	0.34	10.42	18.92	83.84	90.32
08-Nov-14 12:00:00	08-Nov-14 13:00:00	0.49	0.77	0.00	0.00	5.65	2.1	329.7	0.16	0.25	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	08-Nov-14 12:00:00	0.39	10.60	18.92	83.84	86.68
08-Nov-14 13:00:00	08-Nov-14 14:00:00	0.25	0.61	0.00	0.00	5.49	2.1	329.7	0.08	0.20	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	08-Nov-14 13:00:00	0.31	10.55	18.92	83.84	86.68
08-Nov-14 14:00:00	08-Nov-14 15:00:00	0.00	1.73	0.00	0.00	5.32	2.1	329.7	0.00	0.50	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	08-Nov-14 14:00:00	0.23	10.92	18.92	83.84	86.68
08-Nov-14 15:00:00	08-Nov-14 16:00:00	0.00	0.94	0.00	0.00	5.04	2.1	329.7	0.00	0.31	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	08-Nov-14 15:00:00	0.23	10.40	18.92	83.84	86.68
08-Nov-14 16:00:00	08-Nov-14 17:00:00	0.00	0.03	0.00	0.00	5.07	2.1	329.7	0.00	0.01	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	08-Nov-14 16:00:00	0.23	10.36	18.92	83.84	86.68
08-Nov-14 17:00:00	08-Nov-14 18:00:00	0.00	0.02	0.00	0.00	5.15	2.1	329.7	0.00	0.01	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	08-Nov-14 17:00:00	0.23	10.36	18.92	83.84	86.68
08-Nov-14 18:00:00	08-Nov-14 19:00:00	0.00	0.01	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	08-Nov-14 18:00:00	0.23	10.35	18.92	83.84	86.68
08-Nov-14 19:00:00	08-Nov-14 20:00:00	1.01	0.00	0.00	0.00	5.32	2.1	329.7	0.33	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	08-Nov-14 19:00:00	0.56	10.35	18.92	83.84	86.68
08-Nov-14 20:00:00	08-Nov-14 21:00:00	1.13	0.00	0.00	0.00	5.51	2.1	329.7	0.37	0.00	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	08-Nov-14 20:00:00	0.60	10.35	18.92	83.84	86.68
08-Nov-14 21:00:00	08-Nov-14 22:00:00	1.21	0.00	0.00	0.00	5.61	2.1	329.7	0.40	0.00	0.00	0.00	1.85	0.23	10.35	18.92	83.84	86.68	08-Nov-14 21:00:00	0.63	10.35	18.92	83.84	86.68
08-Nov-14 22:00:00	08-Nov-14 23:00:00	1.30	0.00	0.00	0.00	5.71	2.1	329.7	0.43	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	08-Nov-14 22:00:00	0.66	10.35	18.92	83.84	86.68
08-Nov-14 23:00:00	09-Nov-14 00:00:00	0.88	0.89	0.00	0.00	5.82	2.1	329.7	0.29	0.29	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	08-Nov-14 23:00:00	0.52	10.64	18.92	83.84	86.68
09-Nov-14 00:00:00	09-Nov-14 01:00:00	0.00	0.30	0.00	0.00	5.94	2.1	329.7	0.00	0.10	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	09-Nov-14 00:00:00	0.23	10.45	18.92	83.84	86.68

11-Nov-14 03:00:00	11-Nov-14 04:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	11-Nov-14 03:00:00	0.23	10.35	18.92	83.84	88.58
11-Nov-14 04:00:00	11-Nov-14 05:00:00	0.00	0.00	0.00	0.00	5.89	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	11-Nov-14 04:00:00	0.23	10.35	18.92	83.84	88.62
11-Nov-14 05:00:00	11-Nov-14 06:00:00	0.00	0.17	0.00	0.00	6.00	2.1	329.7	0.00	0.06	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	11-Nov-14 05:00:00	0.23	10.41	18.92	83.84	88.66
11-Nov-14 06:00:00	11-Nov-14 07:00:00	0.00	0.00	0.00	0.00	6.10	2.1	329.7	0.00	0.00	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	11-Nov-14 06:00:00	0.23	10.35	18.92	83.84	88.69
11-Nov-14 07:00:00	11-Nov-14 08:00:00	0.00	0.00	0.00	0.00	6.21	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	11-Nov-14 07:00:00	0.23	10.35	18.92	83.84	88.73
11-Nov-14 08:00:00	11-Nov-14 09:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	11-Nov-14 08:00:00	0.23	10.35	18.92	83.84	88.64
11-Nov-14 09:00:00	11-Nov-14 10:00:00	0.00	0.00	0.00	0.00	6.07	2.1	329.7	0.00	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	11-Nov-14 09:00:00	0.23	10.35	18.92	83.84	88.57
11-Nov-14 10:00:00	11-Nov-14 11:00:00	0.00	0.22	0.00	0.00	5.20	2.1	329.7	0.00	0.07	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	11-Nov-14 10:00:00	0.23	10.42	18.92	83.84	88.39
11-Nov-14 11:00:00	11-Nov-14 12:00:00	0.00	1.04	0.00	0.00	4.83	2.1	329.7	0.00	0.34	0.00	0.00	1.59	0.23	10.35	18.92	83.84	86.68	11-Nov-14 11:00:00	0.23	10.69	18.92	83.84	88.27
11-Nov-14 12:00:00	11-Nov-14 13:00:00	0.00	0.00	0.00	0.00	4.52	2.1	329.7	0.00	0.00	0.00	0.00	1.49	0.23	10.35	18.92	83.84	86.68	11-Nov-14 12:00:00	0.23	10.35	18.92	83.84	88.17
11-Nov-14 13:00:00	11-Nov-14 14:00:00	0.00	0.00	0.00	0.00	4.40	2.1	329.7	0.00	0.00	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	11-Nov-14 13:00:00	0.23	10.35	18.92	83.84	88.13
11-Nov-14 14:00:00	11-Nov-14 15:00:00	0.00	1.23	0.00	0.00	4.27	2.1	329.7	0.00	0.41	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	11-Nov-14 14:00:00	0.23	10.76	18.92	83.84	88.09
11-Nov-14 15:00:00	11-Nov-14 16:00:00	0.00	2.90	0.00	0.00	4.14	2.1	329.7	0.00	0.96	0.00	0.00	1.37	0.23	10.35	18.92	83.84	86.68	11-Nov-14 15:00:00	0.23	11.31	18.92	83.84	88.05
11-Nov-14 16:00:00	11-Nov-14 17:00:00	0.00	0.00	0.00	0.00	4.29	2.1	329.7	0.00	0.00	0.00	0.00	1.41	0.23	10.35	18.92	83.84	86.68	11-Nov-14 16:00:00	0.23	10.35	18.92	83.84	88.09
11-Nov-14 17:00:00	11-Nov-14 18:00:00	0.00	0.00	0.00	0.00	4.57	2.1	329.7	0.00	0.00	0.00	0.00	1.51	0.23	10.35	18.92	83.84	86.68	11-Nov-14 17:00:00	0.23	10.35	18.92	83.84	88.19
11-Nov-14 18:00:00	11-Nov-14 19:00:00	0.00	1.03	0.00	0.00	4.85	2.1	329.7	0.00	0.34	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	11-Nov-14 18:00:00	0.23	10.69	18.92	83.84	88.28
11-Nov-14 19:00:00	11-Nov-14 20:00:00	0.00	3.02	0.00	0.00	5.13	2.1	329.7	0.00	1.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	11-Nov-14 19:00:00	0.23	11.35	18.92	83.84	88.37
11-Nov-14 20:00:00	11-Nov-14 21:00:00	0.00	0.00	0.00	0.00	5.45	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	11-Nov-14 20:00:00	0.23	10.35	18.92	83.84	88.48
11-Nov-14 21:00:00	11-Nov-14 22:00:00	0.00	0.38	0.00	0.00	5.58	2.1	329.7	0.00	0.13	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	11-Nov-14 21:00:00	0.23	10.47	18.92	83.84	88.52
11-Nov-14 22:00:00	11-Nov-14 23:00:00	0.00	0.00	0.00	0.00	5.69	2.1	329.7	0.00	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	11-Nov-14 22:00:00	0.23	10.35	18.92	83.84	88.56
11-Nov-14 23:00:00	12-Nov-14 00:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	11-Nov-14 23:00:00	0.23	10.35	18.92	83.84	88.59
12-Nov-14 00:00:00	12-Nov-14 01:00:00	0.00	2.25	0.00	0.00	6.11	2.1	329.7	0.00	0.74	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	12-Nov-14 00:00:00	0.23	11.09	18.92	83.84	88.69
12-Nov-14 01:00:00	12-Nov-14 02:00:00	0.00	2.84	0.00	0.00	6.26	2.1	329.7	0.00	0.94	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	12-Nov-14 01:00:00	0.23	11.29	18.92	83.84	88.74
12-Nov-14 02:00:00	12-Nov-14 03:00:00	0.00	1.42	0.00	0.00	6.40	2.1	329.7	0.00	0.47	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	12-Nov-14 02:00:00	0.23	10.82	18.92	83.84	88.79
12-Nov-14 03:00:00	12-Nov-14 04:00:00	0.00	0.09	0.00	0.00	6.54	2.1	329.7	0.00	0.03	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	12-Nov-14 03:00:00	0.23	10.38	18.92	83.84	88.84
12-Nov-14 04:00:00	12-Nov-14 05:00:00	0.00	0.00	0.00	0.00	6.43	2.1	329.7	0.00	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	12-Nov-14 04:00:00	0.23	10.35	18.92	83.84	88.80
12-Nov-14 05:00:00	12-Nov-14 06:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	12-Nov-14 05:00:00	0.23	10.35	18.92	83.84	88.79
12-Nov-14 06:00:00	12-Nov-14 07:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	12-Nov-14 06:00:00	0.23	10.35	18.92	83.84	88.78
12-Nov-14 07:00:00	12-Nov-14 08:00:00	0.00	0.37	0.00	0.00	6.35	2.1	329.7	0.00	0.12	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	12-Nov-14 07:00:00	0.23	10.47	18.92	83.84	88.78
12-Nov-14 08:00:00	12-Nov-14 09:00:00	0.00	1.15	0.00	0.00	6.17	2.1	329.7	0.00	0.38	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	12-Nov-14 08:00:00	0.23	10.73	18.92	83.84	88.71
12-Nov-14 09:00:00	12-Nov-14 10:00:00	0.00	1.94	0.00	0.00	5.66	2.1	329.7	0.00	0.64	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	12-Nov-14 09:00:00	0.23	10.99	18.92	83.84	88.55
12-Nov-14 10:00:00	12-Nov-14 11:00:00	0.00	2.24	0.00	0.00	5.44	2.1	329.7	0.00	0.74	0.00	0.00	1.70	0.23	10.35	18.92	83.84	86.68	12-Nov-14 10:00:00	0.23	11.40	18.92	83.84	88.38
12-Nov-14 11:00:00	12-Nov-14 12:00:00	0.00	3.31	0.00	0.00	4.63	2.1	329.7	0.00	1.10	0.00	0.00	1.52	0.23	10.35	18.92	83.84	86.68	12-Nov-14 11:00:00	0.23	10.45	18.92	83.84	88.21
12-Nov-14 12:00:00	12-Nov-14 13:00:00	0.00	0.09	0.00	0.00	4.38	2.1	329.7	0.00	1.02	0.00	0.00	1.45	0.23	10.35	18.92	83.84	86.68	12-Nov-14 12:00:00	0.23	11.37	18.92	83.84	88.13
12-Nov-14 13:00:00	12-Nov-14 14:00:00	0.00	0.17	0.00	0.00	4.31	2.1	329.7	0.00	0.06	0.00	0.00	1.42	0.23	10.35	18.92	83.84	86.68	12-Nov-14 13:00:00	0.23	10.41	18.92	83.84	88.10
12-Nov-14 14:00:00	12-Nov-14 15:00:00	0.00	0.18	0.00	0.00	4.22	2.1	329.7	0.00	0.06	0.00	0.00	1.39	0.23	10.35	18.92	83.84	86.68	12-Nov-14 14:00:00	0.23	10.41	18.92	83.84	88.07
12-Nov-14 15:00:00	12-Nov-14 16:00:00	0.00	0.00	0.00	0.00	4.14	2.1	329.7	0.00	0.00	0.00	0.00	1.36	0.23	10.35	18.92	83.84	86.68	12-Nov-14 15:00:00	0.23	10.35	18.92	83.84	88.04
12-Nov-14 16:00:00	12-Nov-14 17:00:00	0.00	0.00	0.00	0.00	4.17	2.1	329.7	0.00	0.00	0.00	0.00	1.38	0.23	10.35	18.92	83.84	86.68	12-Nov-14 16:00:00	0.23	10.35	18.92	83.84	88.06
12-Nov-14 17:00:00	12-Nov-14 18:00:00	0.00	0.00	0.00	0.00	4.42	2.1	329.7	0.00	0.00	0.00	0.00	1.46	0.23	10.35	18.92	83.84	86.68	12-Nov-14 17:00:00	0.23	10.35	18.92	83.84	88.14
12-Nov-14 18:00:00	12-Nov-14 19:00:00	0.00	0.00	0.00	0.00	4.67	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	12-Nov-14 18:00:00	0.23	10.35	18.92	83.84	88.22
12-Nov-14 19:00:00	12-Nov-14 20:00:00	0.00	0.00	0.00	0.00	4.92	2.1	329.7	0.00	0.00	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	12-Nov-14 19:00:00	0.23	10.35	18.92	83.84	88.30
12-Nov-14 20:00:00	12-Nov-14 21:00:00	0.00	0.00	0.00	0.00	5.23	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	12-Nov-14 20:00:00	0.23	10.35	18.92	83.84	88.40
12-Nov-14 21:00:00	12-Nov-14 22:00:00	0.00	0.00	0.00	0.00	5.35	2.1	329.7	0.00	0.00	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	12-Nov-14 21:00:00	0.23	10.35	18.92	83.84	88.44
12-Nov-14 22:00:00	12-Nov-14 23:00:00	0.00	0.00	0.00	0.00	5.46	2.1	329.7	0.00	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	12-Nov-14 22:00:00	0.23	10.35	18.92	83.84	88.48
12-Nov-14 23:00:00	13-Nov-14 00:00:00	0.00	7.36	0.00	0.00	5.57	2.1	329.7	0.00	2.43	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	12-Nov-14 23:00:00	0.23	12.78	18.92	83.84	88.52
13-Nov-14 00:00:00																								

14-Nov-14 22:00:00	14-Nov-14 23:00:00	0.00	6.18	0.00	0.00	31.98	2.1	329.7	0.00	2.04	0.00	0.00	10.54	0.23	10.35	18.92	83.84	86.68	14-Nov-14 22:00:00	0.23	12.39	18.92	83.84	97.22
14-Nov-14 23:00:00	15-Nov-14 00:00:00	0.00	3.37	0.00	0.00	7.54	2.1	329.7	0.00	1.11	0.00	0.00	2.48	0.23	10.35	18.92	83.84	86.68	14-Nov-14 23:00:00	0.23	11.46	18.92	83.84	89.16
15-Nov-14 00:00:00	15-Nov-14 01:00:00	0.00	1.77	0.00	0.00	54.87	2.1	329.7	0.00	0.58	0.00	0.00	18.09	0.23	10.35	18.92	83.84	86.68	15-Nov-14 00:00:00	0.23	10.93	18.92	83.84	104.77
15-Nov-14 01:00:00	15-Nov-14 02:00:00	0.00	2.08	0.00	0.00	7.56	2.1	329.7	0.00	0.68	0.00	0.00	2.49	0.23	10.35	18.92	83.84	86.68	15-Nov-14 01:00:00	0.23	11.03	18.92	83.84	89.17
15-Nov-14 02:00:00	15-Nov-14 03:00:00	0.00	7.72	0.00	0.00	7.62	2.1	329.7	0.00	2.55	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	15-Nov-14 02:00:00	0.23	12.90	18.92	83.84	89.19
15-Nov-14 03:00:00	15-Nov-14 04:00:00	0.00	7.74	0.00	0.00	7.67	2.1	329.7	0.00	2.55	0.00	0.00	2.53	0.23	10.35	18.92	83.84	86.68	15-Nov-14 03:00:00	0.23	12.90	18.92	83.84	89.21
15-Nov-14 04:00:00	15-Nov-14 05:00:00	0.00	9.00	0.00	0.00	7.75	2.1	329.7	0.00	2.97	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	15-Nov-14 04:00:00	0.23	13.32	18.92	83.84	89.24
15-Nov-14 05:00:00	15-Nov-14 06:00:00	0.00	8.62	0.00	0.00	7.81	2.1	329.7	0.00	2.84	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	15-Nov-14 05:00:00	0.23	13.19	18.92	83.84	89.25
15-Nov-14 06:00:00	15-Nov-14 07:00:00	0.00	22.90	0.00	0.00	7.82	2.1	329.7	0.00	7.55	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	15-Nov-14 06:00:00	0.23	17.90	18.92	83.84	89.26
15-Nov-14 07:00:00	15-Nov-14 08:00:00	0.00	21.36	0.00	0.00	7.84	2.1	329.7	0.00	7.04	0.00	0.00	2.58	0.23	10.35	18.92	83.84	86.68	15-Nov-14 07:00:00	0.23	17.39	18.92	83.84	89.26
15-Nov-14 08:00:00	15-Nov-14 09:00:00	0.00	1.62	0.00	0.00	7.76	2.1	329.7	0.00	0.54	0.00	0.00	2.56	0.23	10.35	18.92	83.84	86.68	15-Nov-14 08:00:00	0.23	10.89	18.92	83.84	89.24
15-Nov-14 09:00:00	15-Nov-14 10:00:00	0.00	2.45	0.00	0.00	7.44	2.1	329.7	0.00	0.81	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	15-Nov-14 09:00:00	0.23	11.16	18.92	83.84	89.13
15-Nov-14 10:00:00	15-Nov-14 11:00:00	0.00	3.39	0.00	0.00	7.15	2.1	329.7	0.00	1.12	0.00	0.00	2.36	0.23	10.35	18.92	83.84	86.68	15-Nov-14 10:00:00	0.23	11.47	18.92	83.84	89.04
15-Nov-14 11:00:00	15-Nov-14 12:00:00	0.00	5.54	0.00	0.00	6.85	2.1	329.7	0.00	1.83	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	15-Nov-14 11:00:00	0.23	12.18	18.92	83.84	89.04
15-Nov-14 12:00:00	15-Nov-14 13:00:00	0.00	7.40	0.00	0.00	6.66	2.1	329.7	0.00	2.44	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	15-Nov-14 12:00:00	0.23	12.79	18.92	83.84	88.88
15-Nov-14 13:00:00	15-Nov-14 14:00:00	0.00	0.31	0.00	0.00	6.57	2.1	329.7	0.00	0.10	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	15-Nov-14 13:00:00	0.23	10.45	18.92	83.84	88.85
15-Nov-14 14:00:00	15-Nov-14 15:00:00	0.00	0.62	0.00	0.00	6.41	2.1	329.7	0.00	0.20	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	15-Nov-14 14:00:00	0.23	10.55	18.92	83.84	88.79
15-Nov-14 15:00:00	15-Nov-14 16:00:00	0.00	16.44	0.00	0.00	6.26	2.1	329.7	0.00	5.42	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	15-Nov-14 15:00:00	0.23	15.77	18.92	83.84	88.74
15-Nov-14 16:00:00	15-Nov-14 17:00:00	0.35	0.00	0.00	0.00	6.34	2.1	329.7	0.12	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	15-Nov-14 16:00:00	0.35	10.35	18.92	83.84	88.71
15-Nov-14 17:00:00	15-Nov-14 18:00:00	1.53	0.00	0.00	0.00	6.27	2.1	329.7	0.51	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	15-Nov-14 17:00:00	0.74	10.35	18.92	83.84	88.75
15-Nov-14 18:00:00	15-Nov-14 19:00:00	1.37	0.00	0.00	0.00	6.44	2.1	329.7	0.45	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	15-Nov-14 18:00:00	0.68	10.35	18.92	83.84	88.80
15-Nov-14 19:00:00	15-Nov-14 20:00:00	1.20	0.00	0.00	0.00	47.09	2.1	329.7	0.40	0.00	0.00	0.00	15.52	0.23	10.35	18.92	83.84	86.68	15-Nov-14 19:00:00	0.63	10.35	18.92	83.84	102.20
15-Nov-14 20:00:00	15-Nov-14 21:00:00	0.95	0.00	0.00	0.00	6.76	2.1	329.7	0.31	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	15-Nov-14 20:00:00	0.54	10.35	18.92	83.84	88.91
15-Nov-14 21:00:00	15-Nov-14 22:00:00	0.00	1.90	0.00	0.00	7.00	2.1	329.7	0.00	0.63	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	15-Nov-14 21:00:00	0.23	10.98	18.92	83.84	88.99
15-Nov-14 22:00:00	15-Nov-14 23:00:00	0.00	0.50	0.00	0.00	7.23	2.1	329.7	0.00	0.16	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	15-Nov-14 22:00:00	0.23	10.51	18.92	83.84	89.06
15-Nov-14 23:00:00	16-Nov-14 00:00:00	0.00	0.00	0.00	0.00	7.29	2.1	329.7	0.00	0.00	0.00	0.00	2.40	0.23	10.35	18.92	83.84	86.68	15-Nov-14 23:00:00	0.23	10.35	18.92	83.84	89.08
16-Nov-14 00:00:00	16-Nov-14 01:00:00	0.20	0.00	0.00	0.00	7.11	2.1	329.7	0.07	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	16-Nov-14 00:00:00	0.30	10.35	18.92	83.84	89.03
16-Nov-14 01:00:00	16-Nov-14 02:00:00	0.38	0.00	0.00	0.00	7.07	2.1	329.7	0.13	0.00	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	16-Nov-14 01:00:00	0.36	10.35	18.92	83.84	89.01
16-Nov-14 02:00:00	16-Nov-14 03:00:00	0.00	0.00	0.00	0.00	7.03	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	16-Nov-14 02:00:00	0.23	10.35	18.92	83.84	89.00
16-Nov-14 03:00:00	16-Nov-14 04:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	16-Nov-14 03:00:00	0.23	10.35	18.92	83.84	88.99
16-Nov-14 04:00:00	16-Nov-14 05:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	16-Nov-14 04:00:00	0.23	10.35	18.92	83.84	88.99
16-Nov-14 05:00:00	16-Nov-14 06:00:00	0.08	0.00	0.00	0.00	6.97	2.1	329.7	0.00	0.00	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	16-Nov-14 05:00:00	0.23	10.35	18.92	83.84	88.98
16-Nov-14 06:00:00	16-Nov-14 07:00:00	0.79	0.00	0.00	0.00	6.94	2.1	329.7	0.26	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	16-Nov-14 06:00:00	0.49	10.35	18.92	83.84	88.97
16-Nov-14 07:00:00	16-Nov-14 08:00:00	0.19	0.12	0.00	0.00	6.91	2.1	329.7	0.06	0.04	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	16-Nov-14 07:00:00	0.29	10.35	18.92	83.84	88.96
16-Nov-14 08:00:00	16-Nov-14 09:00:00	0.00	0.29	0.00	0.00	6.71	2.1	329.7	0.00	0.10	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	16-Nov-14 08:00:00	0.23	10.45	18.92	83.84	88.89
16-Nov-14 09:00:00	16-Nov-14 10:00:00	0.00	0.46	0.00	0.00	6.45	2.1	329.7	0.00	0.15	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	16-Nov-14 09:00:00	0.23	10.50	18.92	83.84	88.81
16-Nov-14 10:00:00	16-Nov-14 11:00:00	0.49	1.29	0.00	0.00	6.18	2.1	329.7	0.16	0.43	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	16-Nov-14 10:00:00	0.39	10.78	18.92	83.84	88.72
16-Nov-14 11:00:00	16-Nov-14 12:00:00	0.00	3.73	0.00	0.00	5.94	2.1	329.7	0.00	1.23	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	16-Nov-14 11:00:00	0.23	11.58	18.92	83.84	88.64
16-Nov-14 12:00:00	16-Nov-14 13:00:00	0.00	1.37	0.00	0.00	5.91	2.1	329.7	0.00	0.45	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	16-Nov-14 12:00:00	0.23	10.80	18.92	83.84	88.63
16-Nov-14 13:00:00	16-Nov-14 14:00:00	76.08	0.00	0.00	0.00	5.92	2.1	329.7	25.08	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	16-Nov-14 13:00:00	25.31	10.35	18.92	83.84	88.63
16-Nov-14 14:00:00	16-Nov-14 15:00:00	142.96	0.00	0.00	0.00	5.93	2.1	329.7	47.13	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	16-Nov-14 14:00:00	47.36	10.35	18.92	83.84	88.64
16-Nov-14 15:00:00	16-Nov-14 16:00:00	212.17	0.00	0.00	0.00	272.91	2.1	329.7	69.95	0.00	0.00	0.00	89.98	0.23	10.35	18.92	83.84	86.68	16-Nov-14 15:00:00	70.18	10.35	18.92	83.84	176.66
16-Nov-14 16:00:00	16-Nov-14 17:00:00	407.18	0.00	0.00	0.00	219.53	2.1	329.7	134.25	0.00	0.00	0.00	72.38	0.23	10.35	18.92	83.84	86.68	16-Nov-14 16:00:00	134.48	10.35	18.92	83.84	159.06
16-Nov-14 17:00:00	16-Nov-14 18:00:00	530.07	0.00	0.00	0.00	229.46	2.1	329.7	174.76	0.00	0.00	0.00	75.65	0.23	10.35	18.92	83.84	86.68	16-Nov-14 17:00:00	174.99	10.35	18.92	83.84	162.33
16-Nov-14 18:00:00	16-Nov-14 19:00:00	0.00	0.00	0.00	0.00	102.46	2.1	329.7	0.00	0.00	0.00	0.00	33.78	0.23	10.35	18.92	83.84	86.68	16-Nov-14 18:00:00	0.23	10.35			

18-Nov-14 17:00:00	18-Nov-14 18:00:00	0.00	358.94	0.00	0.00	6.90	2.1	329.7	0.00	118.34	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Nov-14 17:00:00	0.23	128.69	18.92	83.84	88.96
18-Nov-14 18:00:00	18-Nov-14 19:00:00	0.00	379.99	0.00	0.00	6.92	2.1	329.7	0.00	125.28	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	18-Nov-14 18:00:00	0.23	135.63	18.92	83.84	88.96
18-Nov-14 19:00:00	18-Nov-14 20:00:00	0.00	344.22	0.00	0.00	6.94	2.1	329.7	0.00	113.49	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	18-Nov-14 19:00:00	0.23	123.84	18.92	83.84	88.97
18-Nov-14 20:00:00	18-Nov-14 21:00:00	0.00	402.53	0.00	0.00	6.96	2.1	329.7	0.00	132.71	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	18-Nov-14 20:00:00	0.23	143.06	18.92	83.84	88.98
18-Nov-14 21:00:00	18-Nov-14 22:00:00	0.00	378.65	0.00	0.00	127.13	2.1	329.7	0.00	124.84	0.00	0.00	41.92	0.23	10.35	18.92	83.84	86.68	18-Nov-14 21:00:00	0.23	135.19	18.92	83.84	126.60
18-Nov-14 22:00:00	18-Nov-14 23:00:00	0.50	400.25	0.00	0.00	310.13	2.1	329.7	0.16	131.96	0.00	0.00	102.25	0.23	10.35	18.92	83.84	86.68	18-Nov-14 22:00:00	0.39	142.31	18.92	83.84	158.93
18-Nov-14 23:00:00	18-Nov-14 00:00:00	0.29	407.92	0.00	0.00	409.93	2.1	329.7	0.09	134.49	0.00	0.00	135.15	0.23	10.35	18.92	83.84	86.68	18-Nov-14 23:00:00	0.32	144.84	18.92	83.84	221.63
19-Nov-14 00:00:00	19-Nov-14 01:00:00	1.06	401.57	0.00	0.00	768.82	2.1	329.7	0.35	132.40	0.00	0.00	253.48	0.23	10.35	18.92	83.84	86.68	19-Nov-14 00:00:00	0.58	147.75	18.92	83.84	340.16
19-Nov-14 01:00:00	19-Nov-14 02:00:00	0.79	428.99	0.00	0.00	486.63	2.1	329.7	0.26	141.44	0.00	0.00	160.44	0.23	10.35	18.92	83.84	86.68	19-Nov-14 01:00:00	0.49	151.79	18.92	83.84	247.12
19-Nov-14 02:00:00	19-Nov-14 03:00:00	0.21	414.26	0.00	0.00	6.98	2.1	329.7	0.07	136.58	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	19-Nov-14 02:00:00	0.30	146.93	18.92	83.84	88.98
19-Nov-14 03:00:00	19-Nov-14 04:00:00	0.38	431.73	0.00	0.00	7.35	2.1	329.7	0.13	142.34	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	19-Nov-14 03:00:00	0.36	152.69	18.92	83.84	89.10
19-Nov-14 04:00:00	19-Nov-14 05:00:00	0.55	440.79	0.00	0.00	7.71	2.1	329.7	0.18	145.33	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	19-Nov-14 04:00:00	0.41	155.68	18.92	83.84	89.22
19-Nov-14 05:00:00	19-Nov-14 06:00:00	0.37	440.07	0.00	0.00	8.04	2.1	329.7	0.12	145.09	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	19-Nov-14 05:00:00	0.35	155.44	18.92	83.84	89.33
19-Nov-14 06:00:00	19-Nov-14 07:00:00	0.13	370.23	0.00	0.00	7.97	2.1	329.7	0.04	122.06	0.00	0.00	2.63	0.23	10.35	18.92	83.84	86.68	19-Nov-14 06:00:00	0.27	132.41	18.92	83.84	89.31
19-Nov-14 07:00:00	19-Nov-14 08:00:00	0.00	314.03	0.00	0.00	7.78	2.1	329.7	0.00	103.53	0.00	0.00	2.57	0.23	10.35	18.92	83.84	86.68	19-Nov-14 07:00:00	0.23	113.88	18.92	83.84	89.25
19-Nov-14 08:00:00	19-Nov-14 09:00:00	0.00	383.21	0.00	0.00	7.60	2.1	329.7	0.00	126.34	0.00	0.00	2.51	0.23	10.35	18.92	83.84	86.68	19-Nov-14 08:00:00	0.23	136.69	18.92	83.84	89.19
19-Nov-14 09:00:00	19-Nov-14 10:00:00	0.00	388.74	0.00	0.00	7.43	2.1	329.7	0.00	128.17	0.00	0.00	2.45	0.23	10.35	18.92	83.84	86.68	19-Nov-14 09:00:00	0.23	138.52	18.92	83.84	89.13
19-Nov-14 10:00:00	19-Nov-14 11:00:00	0.00	444.70	0.00	0.00	8.59	2.1	329.7	0.00	146.62	0.00	0.00	2.83	0.23	10.35	18.92	83.84	86.68	19-Nov-14 10:00:00	0.23	156.97	18.92	83.84	89.51
19-Nov-14 11:00:00	19-Nov-14 12:00:00	0.00	293.75	0.00	0.00	6.94	2.1	329.7	0.00	96.85	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	19-Nov-14 11:00:00	0.23	107.20	18.92	83.84	88.97
19-Nov-14 12:00:00	19-Nov-14 13:00:00	0.00	391.67	0.00	0.00	8.05	2.1	329.7	0.00	129.13	0.00	0.00	2.65	0.23	10.35	18.92	83.84	86.68	19-Nov-14 12:00:00	0.23	139.48	18.92	83.84	89.32
19-Nov-14 13:00:00	19-Nov-14 14:00:00	0.00	403.55	0.00	0.00	6.38	2.1	329.7	0.00	133.05	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	19-Nov-14 13:00:00	0.23	143.40	18.92	83.84	88.78
19-Nov-14 14:00:00	19-Nov-14 15:00:00	0.37	413.40	0.00	0.00	6.06	2.1	329.7	0.12	136.30	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	19-Nov-14 14:00:00	0.35	146.65	18.92	83.84	88.68
19-Nov-14 15:00:00	19-Nov-14 16:00:00	1.12	376.41	0.00	0.00	540.76	2.1	329.7	0.37	124.10	0.00	0.00	178.29	0.23	10.35	18.92	83.84	86.68	19-Nov-14 15:00:00	0.60	134.45	18.92	83.84	264.97
19-Nov-14 16:00:00	19-Nov-14 17:00:00	1.37	387.07	0.00	0.00	165.17	2.1	329.7	0.45	127.62	0.00	0.00	54.46	0.23	10.35	18.92	83.84	86.68	19-Nov-14 16:00:00	0.68	137.97	18.92	83.84	141.14
19-Nov-14 17:00:00	19-Nov-14 18:00:00	0.44	375.64	0.00	0.00	9.13	2.1	329.7	0.15	123.85	0.00	0.00	3.01	0.23	10.35	18.92	83.84	86.68	19-Nov-14 17:00:00	0.38	134.20	18.92	83.84	89.69
19-Nov-14 18:00:00	19-Nov-14 19:00:00	0.00	399.39	0.00	0.00	7.93	2.1	329.7	0.00	131.68	0.00	0.00	2.61	0.23	10.35	18.92	83.84	86.68	19-Nov-14 18:00:00	0.23	142.03	18.92	83.84	89.29
19-Nov-14 19:00:00	19-Nov-14 20:00:00	0.00	436.51	0.00	0.00	8.10	2.1	329.7	0.00	143.92	0.00	0.00	2.67	0.23	10.35	18.92	83.84	86.68	19-Nov-14 19:00:00	0.23	154.27	18.92	83.84	89.35
19-Nov-14 20:00:00	19-Nov-14 21:00:00	0.00	435.95	0.00	0.00	6.23	2.1	329.7	0.00	143.73	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	19-Nov-14 20:00:00	0.23	154.08	18.92	83.84	88.73
19-Nov-14 21:00:00	19-Nov-14 22:00:00	0.00	435.38	0.00	0.00	6.43	2.1	329.7	0.00	143.55	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	19-Nov-14 21:00:00	0.23	153.90	18.92	83.84	88.80
19-Nov-14 22:00:00	19-Nov-14 23:00:00	0.00	432.81	0.00	0.00	6.63	2.1	329.7	0.00	142.70	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Nov-14 22:00:00	0.23	153.05	18.92	83.84	88.87
19-Nov-14 23:00:00	20-Nov-14 00:00:00	0.00	434.29	0.00	0.00	6.83	2.1	329.7	0.00	143.19	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	19-Nov-14 23:00:00	0.23	153.54	18.92	83.84	88.93
20-Nov-14 00:00:00	20-Nov-14 01:00:00	0.00	426.60	0.00	0.00	6.92	2.1	329.7	0.00	140.65	0.00	0.00	2.30	0.23	10.35	18.92	83.84	86.68	20-Nov-14 00:00:00	0.23	151.00	18.92	83.84	88.99
20-Nov-14 01:00:00	20-Nov-14 02:00:00	0.00	436.64	0.00	0.00	7.00	2.1	329.7	0.00	143.96	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	20-Nov-14 01:00:00	0.23	154.31	18.92	83.84	89.09
20-Nov-14 02:00:00	20-Nov-14 03:00:00	0.00	391.50	0.00	0.00	7.07	2.1	329.7	0.00	129.08	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	20-Nov-14 02:00:00	0.23	139.43	18.92	83.84	89.01
20-Nov-14 03:00:00	20-Nov-14 04:00:00	0.00	388.87	0.00	0.00	7.13	2.1	329.7	0.00	128.21	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	20-Nov-14 03:00:00	0.23	138.56	18.92	83.84	89.03
20-Nov-14 04:00:00	20-Nov-14 05:00:00	0.00	387.59	0.00	0.00	7.14	2.1	329.7	0.00	127.79	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	20-Nov-14 04:00:00	0.23	138.14	18.92	83.84	89.03
20-Nov-14 05:00:00	20-Nov-14 06:00:00	0.00	416.24	0.00	0.00	7.11	2.1	329.7	0.00	137.23	0.00	0.00	2.34	0.23	10.35	18.92	83.84	86.68	20-Nov-14 05:00:00	0.23	147.58	18.92	83.84	89.02
20-Nov-14 06:00:00	20-Nov-14 07:00:00	0.00	424.41	0.00	0.00	7.07	2.1	329.7	0.00	139.93	0.00	0.00	2.33	0.23	10.35	18.92	83.84	86.68	20-Nov-14 06:00:00	0.23	150.28	18.92	83.84	89.01
20-Nov-14 07:00:00	20-Nov-14 08:00:00	0.00	428.70	0.00	0.00	54.07	2.1	329.7	0.00	141.34	0.00	0.00	17.83	0.23	10.35	18.92	83.84	86.68	20-Nov-14 07:00:00	0.23	151.69	18.92	83.84	104.51
20-Nov-14 08:00:00	20-Nov-14 09:00:00	0.00	411.35	0.00	0.00	6.90	2.1	329.7	0.00	135.62	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	20-Nov-14 08:00:00	0.23	145.97	18.92	83.84	88.96
20-Nov-14 09:00:00	20-Nov-14 10:00:00	0.00	349.																					

22-Nov-14 12:00:00	22-Nov-14 13:00:00	0.00	5.57	0.00	0.00	394.92	2.1	329.7	0.00	1.84	0.00	0.00	130.20	0.23	10.35	18.92	83.84	86.68	22-Nov-14 12:00:00	0.23	12.19	18.92	83.84	216.88
22-Nov-14 13:00:00	22-Nov-14 14:00:00	0.00	1.07	0.00	0.00	389.26	2.1	329.7	0.00	0.35	0.00	0.00	128.34	0.23	10.35	18.92	83.84	86.68	22-Nov-14 13:00:00	0.23	10.70	18.92	83.84	215.02
22-Nov-14 14:00:00	22-Nov-14 15:00:00	0.00	0.28	0.00	0.00	387.12	2.1	329.7	0.00	0.09	0.00	0.00	127.63	0.23	10.35	18.92	83.84	86.68	22-Nov-14 14:00:00	0.23	10.44	18.92	83.84	214.31
22-Nov-14 15:00:00	22-Nov-14 16:00:00	0.00	0.18	0.00	0.00	384.84	2.1	329.7	0.00	0.06	0.00	0.00	126.88	0.23	10.35	18.92	83.84	86.68	22-Nov-14 15:00:00	0.23	10.41	18.92	83.84	213.56
22-Nov-14 16:00:00	22-Nov-14 17:00:00	0.00	0.08	0.00	0.00	450.65	2.1	329.7	0.00	0.03	0.00	0.00	148.58	0.23	10.35	18.92	83.84	86.68	22-Nov-14 16:00:00	0.23	10.38	18.92	83.84	213.26
22-Nov-14 17:00:00	22-Nov-14 18:00:00	0.00	0.01	0.00	0.00	823.61	2.1	329.7	0.00	0.00	0.00	0.00	271.64	0.23	10.35	18.92	83.84	86.68	22-Nov-14 17:00:00	0.23	10.35	18.92	83.84	358.22
22-Nov-14 18:00:00	22-Nov-14 19:00:00	0.00	0.00	0.00	0.00	688.66	2.1	329.7	0.00	0.00	0.00	0.00	227.06	0.23	10.35	18.92	83.84	86.68	22-Nov-14 18:00:00	0.23	10.35	18.92	83.84	313.73
22-Nov-14 19:00:00	22-Nov-14 20:00:00	0.00	0.00	0.00	0.00	678.88	2.1	329.7	0.00	0.00	0.00	0.00	223.83	0.23	10.35	18.92	83.84	86.68	22-Nov-14 19:00:00	0.23	10.35	18.92	83.84	310.51
22-Nov-14 20:00:00	22-Nov-14 21:00:00	0.00	0.00	0.00	0.00	674.77	2.1	329.7	0.00	0.00	0.00	0.00	222.47	0.23	10.35	18.92	83.84	86.68	22-Nov-14 20:00:00	0.23	10.35	18.92	83.84	309.15
22-Nov-14 21:00:00	22-Nov-14 22:00:00	0.00	0.00	0.00	0.00	665.83	2.1	329.7	0.00	0.00	0.00	0.00	219.52	0.23	10.35	18.92	83.84	86.68	22-Nov-14 21:00:00	0.23	10.35	18.92	83.84	306.20
22-Nov-14 22:00:00	22-Nov-14 23:00:00	0.00	0.00	0.00	0.00	634.49	2.1	329.7	0.00	0.00	0.00	0.00	209.19	0.23	10.35	18.92	83.84	86.68	22-Nov-14 22:00:00	0.23	10.35	18.92	83.84	295.87
22-Nov-14 23:00:00	23-Nov-14 00:00:00	0.00	0.00	0.00	0.00	575.55	2.1	329.7	0.00	0.00	0.00	0.00	189.76	0.23	10.35	18.92	83.84	86.68	22-Nov-14 23:00:00	0.23	10.35	18.92	83.84	276.44
23-Nov-14 00:00:00	23-Nov-14 01:00:00	0.00	0.00	0.00	0.00	597.41	2.1	329.7	0.00	0.00	0.00	0.00	196.97	0.23	10.35	18.92	83.84	86.68	23-Nov-14 00:00:00	0.23	10.35	18.92	83.84	283.65
23-Nov-14 01:00:00	23-Nov-14 02:00:00	0.00	0.00	0.00	0.00	471.62	2.1	329.7	0.00	0.00	0.00	0.00	155.49	0.23	10.35	18.92	83.84	86.68	23-Nov-14 01:00:00	0.23	10.35	18.92	83.84	242.17
23-Nov-14 02:00:00	23-Nov-14 03:00:00	0.00	0.00	0.00	0.00	494.74	2.1	329.7	0.00	0.00	0.00	0.00	163.12	0.23	10.35	18.92	83.84	86.68	23-Nov-14 02:00:00	0.23	10.35	18.92	83.84	249.80
23-Nov-14 03:00:00	23-Nov-14 04:00:00	0.00	0.00	0.00	0.00	482.88	2.1	329.7	0.00	0.00	0.00	0.00	159.21	0.23	10.35	18.92	83.84	86.68	23-Nov-14 03:00:00	0.23	10.35	18.92	83.84	245.89
23-Nov-14 04:00:00	23-Nov-14 05:00:00	0.00	0.00	0.00	0.00	427.09	2.1	329.7	0.00	0.00	0.00	0.00	140.81	0.23	10.35	18.92	83.84	86.68	23-Nov-14 04:00:00	0.23	10.35	18.92	83.84	227.49
23-Nov-14 05:00:00	23-Nov-14 06:00:00	0.00	2.06	0.00	0.00	486.99	2.1	329.7	0.00	0.68	0.00	0.00	160.56	0.23	10.35	18.92	83.84	86.68	23-Nov-14 05:00:00	0.23	11.03	18.92	83.84	247.24
23-Nov-14 06:00:00	23-Nov-14 07:00:00	0.00	1.77	0.00	0.00	562.78	2.1	329.7	0.00	0.58	0.00	0.00	185.55	0.23	10.35	18.92	83.84	86.68	23-Nov-14 06:00:00	0.23	10.93	18.92	83.84	272.23
23-Nov-14 07:00:00	23-Nov-14 08:00:00	0.00	1.19	0.00	0.00	665.35	2.1	329.7	0.00	0.39	0.00	0.00	219.27	0.23	10.35	18.92	83.84	86.68	23-Nov-14 07:00:00	0.23	10.74	18.92	83.84	306.05
23-Nov-14 08:00:00	23-Nov-14 09:00:00	0.00	0.00	0.00	0.00	630.99	2.1	329.7	0.00	0.00	0.00	0.00	208.04	0.23	10.35	18.92	83.84	86.68	23-Nov-14 08:00:00	0.23	10.35	18.92	83.84	294.72
23-Nov-14 09:00:00	23-Nov-14 10:00:00	0.00	0.00	0.00	0.00	482.34	2.1	329.7	0.00	0.00	0.00	0.00	159.03	0.23	10.35	18.92	83.84	86.68	23-Nov-14 09:00:00	0.23	10.35	18.92	83.84	245.71
23-Nov-14 10:00:00	23-Nov-14 11:00:00	0.00	0.00	0.00	0.00	786.07	2.1	329.7	0.00	0.00	0.00	0.00	259.17	0.23	10.35	18.92	83.84	86.68	23-Nov-14 10:00:00	0.23	10.35	18.92	83.84	345.85
23-Nov-14 11:00:00	23-Nov-14 12:00:00	0.00	0.10	0.00	0.00	549.50	2.1	329.7	0.00	0.03	0.00	0.00	181.17	0.23	10.35	18.92	83.84	86.68	23-Nov-14 11:00:00	0.23	10.38	18.92	83.84	267.85
23-Nov-14 12:00:00	23-Nov-14 13:00:00	0.03	0.80	0.00	0.00	543.71	2.1	329.7	0.01	0.26	0.00	0.00	179.26	0.23	10.35	18.92	83.84	86.68	23-Nov-14 12:00:00	0.24	10.61	18.92	83.84	265.94
23-Nov-14 13:00:00	23-Nov-14 14:00:00	0.00	1.61	0.00	0.00	442.60	2.1	329.7	0.00	0.53	0.00	0.00	145.93	0.23	10.35	18.92	83.84	86.68	23-Nov-14 13:00:00	0.23	10.88	18.92	83.84	232.61
23-Nov-14 14:00:00	23-Nov-14 15:00:00	0.00	0.54	0.00	0.00	424.94	2.1	329.7	0.00	0.18	0.00	0.00	140.10	0.23	10.35	18.92	83.84	86.68	23-Nov-14 14:00:00	0.23	10.53	18.92	83.84	226.78
23-Nov-14 15:00:00	23-Nov-14 16:00:00	0.00	0.00	0.00	0.00	426.38	2.1	329.7	0.00	0.00	0.00	0.00	140.58	0.23	10.35	18.92	83.84	86.68	23-Nov-14 15:00:00	0.23	10.35	18.92	83.84	227.26
23-Nov-14 16:00:00	23-Nov-14 17:00:00	0.00	0.45	0.00	0.00	465.37	2.1	329.7	0.00	0.15	0.00	0.00	153.43	0.23	10.35	18.92	83.84	86.68	23-Nov-14 16:00:00	0.23	10.50	18.92	83.84	240.11
23-Nov-14 17:00:00	23-Nov-14 18:00:00	0.00	1.27	0.00	0.00	682.90	2.1	329.7	0.00	0.42	0.00	0.00	225.15	0.23	10.35	18.92	83.84	86.68	23-Nov-14 17:00:00	0.23	10.77	18.92	83.84	311.83
23-Nov-14 18:00:00	23-Nov-14 19:00:00	0.00	3.65	0.00	0.00	724.35	2.1	329.7	0.00	1.30	0.00	0.00	238.82	0.23	10.35	18.92	83.84	86.68	23-Nov-14 18:00:00	0.23	11.65	18.92	83.84	325.50
23-Nov-14 19:00:00	23-Nov-14 20:00:00	0.00	3.94	0.00	0.00	370.85	2.1	329.7	0.00	1.30	0.00	0.00	375.95	0.23	10.35	18.92	83.84	86.68	23-Nov-14 19:00:00	0.23	11.23	18.92	83.84	216.63
23-Nov-14 20:00:00	23-Nov-14 21:00:00	0.00	1.80	0.00	0.00	286.18	2.1	329.7	0.00	0.59	0.00	0.00	94.37	0.23	10.35	18.92	83.84	86.68	23-Nov-14 20:00:00	0.23	10.94	18.92	83.84	181.03
23-Nov-14 21:00:00	23-Nov-14 22:00:00	0.00	1.24	0.00	0.00	327.64	2.1	329.7	0.00	0.41	0.00	0.00	108.02	0.23	10.35	18.92	83.84	86.68	23-Nov-14 21:00:00	0.23	10.76	18.92	83.84	194.70
23-Nov-14 22:00:00	23-Nov-14 23:00:00	0.00	3.47	0.00	0.00	208.34	2.1	329.7	0.00	1.14	0.00	0.00	68.69	0.23	10.35	18.92	83.84	86.68	23-Nov-14 22:00:00	0.23	11.49	18.92	83.84	155.37
23-Nov-14 23:00:00	24-Nov-14 00:00:00	0.00	1.16	0.00	0.00	199.63	2.1	329.7	0.00	0.38	0.00	0.00	65.82	0.23	10.35	18.92	83.84	86.68	23-Nov-14 23:00:00	0.23	10.73	18.92	83.84	152.50
24-Nov-14 00:00:00	24-Nov-14 01:00:00	0.00	1.47	0.00	0.00	195.70	2.1	329.7	0.00	0.49	0.00	0.00	64.52	0.23	10.35	18.92	83.84	86.68	24-Nov-14 00:00:00	0.23	10.84	18.92	83.84	151.20
24-Nov-14 01:00:00	24-Nov-14 02:00:00	0.00	18.25	0.00	0.00	195.05	2.1	329.7	0.00	6.02	0.00	0.00	64.31	0.23	10.35	18.92	83.84	86.68	24-Nov-14 01:00:00	0.23	16.37	18.92	83.84	150.99
24-Nov-14 02:00:00	24-Nov-14 03:00:00	0.00	26.85	0.00	0.00	196.18	2.1	329.7	0.00	8.85	0.00	0.00	64.68	0.23	10.35	18.92	83.84	86.68	24-Nov-14 02:00:00	0.23	19.20	18.92	83.84	151.36
24-Nov-14 03:00:00	24-Nov-14 04:00:00	0.00	28.27	0.00	0.00	195.06	2.1	329.7	0.00	9.32	0.00	0.00	64.31	0.23	10.35	18.92	83.84	86.68	24-Nov-14 03:00:00	0.23	19.67	18.92	83.84	150.99
24-Nov-14 04:00:00	24-Nov-14 05:00:00	0.00	15.66	0.00	0.00	194.57																		

26-Nov-14 07:00:00	26-Nov-14 08:00:00	0.00	0.70	0.00	0.00	6.72	2.1	329.7	0.00	0.23	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	26-Nov-14 07:00:00	0.23	10.58	18.92	83.84	88.90
26-Nov-14 08:00:00	26-Nov-14 09:00:00	0.00	0.00	0.00	0.00	6.81	2.1	329.7	0.00	0.00	0.00	0.00	2.25	0.23	10.35	18.92	83.84	86.68	26-Nov-14 08:00:00	0.23	10.35	18.92	83.84	88.93
26-Nov-14 09:00:00	26-Nov-14 10:00:00	0.00	2.00	0.00	0.00	6.78	2.1	329.7	0.00	0.66	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	26-Nov-14 09:00:00	0.23	11.01	18.92	83.84	88.92
26-Nov-14 10:00:00	26-Nov-14 11:00:00	0.00	2.10	0.00	0.00	6.55	2.1	329.7	0.00	0.69	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	26-Nov-14 10:00:00	0.23	11.04	18.92	83.84	88.84
26-Nov-14 11:00:00	26-Nov-14 12:00:00	0.00	1.36	0.00	0.00	6.36	2.1	329.7	0.00	0.45	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	26-Nov-14 11:00:00	0.23	10.80	18.92	83.84	88.78
26-Nov-14 12:00:00	26-Nov-14 13:00:00	0.00	0.62	0.00	0.00	6.17	2.1	329.7	0.00	0.30	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	26-Nov-14 12:00:00	0.23	10.55	18.92	83.84	88.72
26-Nov-14 13:00:00	26-Nov-14 14:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.01	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	26-Nov-14 13:00:00	0.23	10.30	18.92	83.84	88.66
26-Nov-14 14:00:00	26-Nov-14 15:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	26-Nov-14 14:00:00	0.23	10.35	18.92	83.84	88.62
26-Nov-14 15:00:00	26-Nov-14 16:00:00	0.00	0.00	0.00	0.00	5.87	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	26-Nov-14 15:00:00	0.23	10.35	18.92	83.84	88.61
26-Nov-14 16:00:00	26-Nov-14 17:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	26-Nov-14 16:00:00	0.23	10.35	18.92	83.84	88.60
26-Nov-14 17:00:00	26-Nov-14 18:00:00	0.00	0.00	0.00	0.00	5.80	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	26-Nov-14 17:00:00	0.23	10.35	18.92	83.84	88.59
26-Nov-14 18:00:00	26-Nov-14 19:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	26-Nov-14 18:00:00	0.23	10.35	18.92	83.84	88.64
26-Nov-14 19:00:00	26-Nov-14 20:00:00	0.00	0.00	0.00	0.00	6.08	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	26-Nov-14 19:00:00	0.23	10.35	18.92	83.84	88.68
26-Nov-14 20:00:00	26-Nov-14 21:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	26-Nov-14 20:00:00	0.23	10.35	18.92	83.84	88.73
26-Nov-14 21:00:00	26-Nov-14 22:00:00	0.00	0.00	0.00	0.00	6.35	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	26-Nov-14 21:00:00	0.23	10.35	18.92	83.84	88.77
26-Nov-14 22:00:00	26-Nov-14 23:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	26-Nov-14 22:00:00	0.23	10.35	18.92	83.84	88.82
26-Nov-14 23:00:00	27-Nov-14 00:00:00	0.00	3.00	0.00	0.00	6.63	2.1	329.7	0.00	0.99	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	26-Nov-14 23:00:00	0.23	11.34	18.92	83.84	88.87
27-Nov-14 00:00:00	27-Nov-14 01:00:00	0.00	0.07	0.00	0.00	6.79	2.1	329.7	0.00	0.02	0.00	0.00	2.24	0.23	10.35	18.92	83.84	86.68	27-Nov-14 00:00:00	0.23	10.37	18.92	83.84	88.92
27-Nov-14 01:00:00	27-Nov-14 02:00:00	0.30	1.91	0.00	0.00	6.93	2.1	329.7	0.10	0.63	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-Nov-14 01:00:00	0.33	10.98	18.92	83.84	88.96
27-Nov-14 02:00:00	27-Nov-14 03:00:00	0.72	0.80	0.00	0.00	6.94	2.1	329.7	0.24	0.26	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	27-Nov-14 02:00:00	0.47	10.61	18.92	83.84	88.97
27-Nov-14 03:00:00	27-Nov-14 04:00:00	1.14	0.00	0.00	0.00	6.94	2.1	329.7	0.38	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	27-Nov-14 03:00:00	0.61	10.35	18.92	83.84	88.97
27-Nov-14 04:00:00	27-Nov-14 05:00:00	0.91	0.00	0.00	0.00	6.93	2.1	329.7	0.30	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-Nov-14 04:00:00	0.53	10.35	18.92	83.84	88.96
27-Nov-14 05:00:00	27-Nov-14 06:00:00	0.07	0.51	0.00	0.00	6.85	2.1	329.7	0.02	0.17	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	27-Nov-14 05:00:00	0.25	10.52	18.92	83.84	88.94
27-Nov-14 06:00:00	27-Nov-14 07:00:00	0.00	2.85	0.00	0.00	6.86	2.1	329.7	0.00	0.94	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	27-Nov-14 06:00:00	0.23	11.29	18.92	83.84	88.94
27-Nov-14 07:00:00	27-Nov-14 08:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.23	10.35	18.92	83.84	86.68	27-Nov-14 07:00:00	0.23	10.35	18.92	83.84	88.99
27-Nov-14 08:00:00	27-Nov-14 09:00:00	0.00	0.00	0.00	0.00	7.14	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	27-Nov-14 08:00:00	0.23	10.35	18.92	83.84	89.03
27-Nov-14 09:00:00	27-Nov-14 10:00:00	0.00	0.00	0.00	0.00	7.21	2.1	329.7	0.00	0.00	0.00	0.00	2.38	0.23	10.35	18.92	83.84	86.68	27-Nov-14 09:00:00	0.23	10.35	18.92	83.84	89.06
27-Nov-14 10:00:00	27-Nov-14 11:00:00	0.00	1.23	0.00	0.00	6.93	2.1	329.7	0.00	0.41	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	27-Nov-14 10:00:00	0.23	10.76	18.92	83.84	88.96
27-Nov-14 11:00:00	27-Nov-14 12:00:00	0.00	0.57	0.00	0.00	6.60	2.1	329.7	0.00	0.19	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	27-Nov-14 11:00:00	0.23	10.54	18.92	83.84	88.85
27-Nov-14 12:00:00	27-Nov-14 13:00:00	0.00	0.37	0.00	0.00	6.26	2.1	329.7	0.00	0.12	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	27-Nov-14 12:00:00	0.23	10.47	18.92	83.84	88.74
27-Nov-14 13:00:00	27-Nov-14 14:00:00	0.00	0.39	0.00	0.00	5.96	2.1	329.7	0.00	0.13	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	27-Nov-14 13:00:00	0.23	10.48	18.92	83.84	88.65
27-Nov-14 14:00:00	27-Nov-14 15:00:00	0.00	0.00	0.00	0.00	6.09	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	27-Nov-14 14:00:00	0.23	10.35	18.92	83.84	88.95
27-Nov-14 15:00:00	27-Nov-14 16:00:00	0.00	12.23	0.00	0.00	6.10	2.1	329.7	0.00	4.36	0.00	0.00	2.01	0.23	10.35	18.92	83.84	86.68	27-Nov-14 15:00:00	0.23	14.71	18.92	83.84	88.69
27-Nov-14 16:00:00	27-Nov-14 17:00:00	0.00	29.61	0.00	0.00	6.20	2.1	329.7	0.00	9.76	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	27-Nov-14 16:00:00	0.23	20.11	18.92	83.84	88.73
27-Nov-14 17:00:00	27-Nov-14 18:00:00	0.00	24.09	0.00	0.00	6.28	2.1	329.7	0.00	7.94	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	27-Nov-14 17:00:00	0.23	18.29	18.92	83.84	88.75
27-Nov-14 18:00:00	27-Nov-14 19:00:00	0.00	17.39	0.00	0.00	6.37	2.1	329.7	0.00	5.73	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	27-Nov-14 18:00:00	0.23	16.08	18.92	83.84	88.78
27-Nov-14 19:00:00	27-Nov-14 20:00:00	0.00	0.96	0.00	0.00	6.54	2.1	329.7	0.00	0.32	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	27-Nov-14 19:00:00	0.23	10.67	18.92	83.84	88.84
27-Nov-14 20:00:00	27-Nov-14 21:00:00	0.00	0.00	0.00	0.00	6.71	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	27-Nov-14 20:00:00	0.23	10.35	18.92	83.84	88.89
27-Nov-14 21:00:00	27-Nov-14 22:00:00	0.00	0.00	0.00	0.00	6.87	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	27-Nov-14 21:00:00	0.23	10.35	18.92	83.84	88.95
27-Nov-14 22:00:00	27-Nov-14 23:00:00	0.00	0.00	0.00	0.00	6.89	2.1	329.7	0.00	0.00	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	27-Nov-14 22:00:00	0.23	10.35	18.92	83.84	88.95
27-Nov-14 23:00:00	28-Nov-14 00:00:00	0.00	0.12	0.00	0.00	6.87	2.1	329.7	0.00	0.04	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	27-Nov-14 23:00:00	0.23	10.39	18.92	83.84	88.94
28-Nov-14 00:00:00	28-Nov-14 01:00:00	0.00	0.73	0.00	0.00	6.84	2.1	329.7	0.00	0.24	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	28-Nov-14 00:00:00	0.23	10.59	18.92	83.84	88.94
28-Nov-14 01:00:00	28-Nov-14 02:00:00	0.00	2.37	0.00	0.00	6.87	2.1	329.7	0.00	0.78	0.00	0.00	2.27	0.23	10.35	18.92	83.84	86.68	28-Nov-14 01:00:00	0.23	11.13	18.92	83.84	88.95
28-Nov-14 02:00:00	28-Nov-14 03:00:00	0.04	0.51	0.00	0.00	6.96	2.1	329.7	0.01	0.17	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	28-Nov-14 02:00:00	0.24	10.52	18.92	83.84	88.97
28-Nov-14 03:00:00	28-Nov-14 04:00:00	0.00	0.00	0.00	0.00	7.00	2.1	329.7	0.00	0.00	0.00	0.00	2.31	0.2										

30-Nov-14 02:00:00	30-Nov-14 03:00:00	0.00	4.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	30-Nov-14 02:00:00	0.23	10.35	18.92	83.84	88.79
30-Nov-14 03:00:00	30-Nov-14 04:00:00	0.00	4.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	30-Nov-14 03:00:00	0.23	10.35	18.92	83.84	88.82
30-Nov-14 04:00:00	30-Nov-14 05:00:00	0.00	0.05	0.00	0.00	6.56	2.1	329.7	0.00	0.02	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	30-Nov-14 04:00:00	0.23	10.37	18.92	83.84	88.84
30-Nov-14 05:00:00	30-Nov-14 06:00:00	0.00	6.01	0.00	0.00	6.63	2.1	329.7	0.00	1.98	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	30-Nov-14 05:00:00	0.23	12.33	18.92	83.84	88.87
30-Nov-14 06:00:00	30-Nov-14 07:00:00	0.00	14.97	0.00	0.00	6.57	2.1	329.7	0.00	4.94	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	30-Nov-14 06:00:00	0.23	15.29	18.92	83.84	88.85
30-Nov-14 07:00:00	30-Nov-14 08:00:00	0.00	3.35	0.00	0.00	6.48	2.1	329.7	0.00	1.10	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	30-Nov-14 07:00:00	0.23	11.45	18.92	83.84	88.82
30-Nov-14 08:00:00	30-Nov-14 09:00:00	0.00	2.32	0.00	0.00	6.59	2.1	329.7	0.00	0.76	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	30-Nov-14 08:00:00	0.23	11.13	18.92	83.84	88.79
30-Nov-14 09:00:00	30-Nov-14 10:00:00	0.00	7.64	0.00	0.00	6.24	2.1	329.7	0.00	2.52	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	30-Nov-14 09:00:00	0.23	12.87	18.92	83.84	88.74
30-Nov-14 10:00:00	30-Nov-14 11:00:00	0.00	1.57	0.00	0.00	5.85	2.1	329.7	0.00	0.52	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	30-Nov-14 10:00:00	0.23	10.87	18.92	83.84	88.61
30-Nov-14 11:00:00	30-Nov-14 12:00:00	0.00	2.33	0.00	0.00	5.52	2.1	329.7	0.00	0.77	0.00	0.00	1.82	0.23	10.35	18.92	83.84	86.68	30-Nov-14 11:00:00	0.23	11.12	18.92	83.84	88.50
30-Nov-14 12:00:00	30-Nov-14 13:00:00	0.00	2.21	0.00	0.00	5.19	2.1	329.7	0.00	0.73	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	30-Nov-14 12:00:00	0.23	11.08	18.92	83.84	88.39
30-Nov-14 13:00:00	30-Nov-14 14:00:00	0.00	6.74	0.00	0.00	4.86	2.1	329.7	0.00	2.22	0.00	0.00	1.60	0.23	10.35	18.92	83.84	86.68	30-Nov-14 13:00:00	0.23	12.57	18.92	83.84	88.28
30-Nov-14 14:00:00	30-Nov-14 15:00:00	0.00	1.47	0.00	0.00	4.73	2.1	329.7	0.00	0.48	0.00	0.00	1.56	0.23	10.35	18.92	83.84	86.68	30-Nov-14 14:00:00	0.23	10.83	18.92	83.84	88.24
30-Nov-14 15:00:00	30-Nov-14 16:00:00	0.00	5.79	0.00	0.00	4.70	2.1	329.7	0.00	1.91	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	30-Nov-14 15:00:00	0.23	12.26	18.92	83.84	88.23
30-Nov-14 16:00:00	30-Nov-14 17:00:00	0.00	3.15	0.00	0.00	4.67	2.1	329.7	0.00	1.04	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	30-Nov-14 16:00:00	0.23	11.39	18.92	83.84	88.22
30-Nov-14 17:00:00	30-Nov-14 18:00:00	0.00	0.38	0.00	0.00	4.64	2.1	329.7	0.00	0.13	0.00	0.00	1.53	0.23	10.35	18.92	83.84	86.68	30-Nov-14 17:00:00	0.23	10.48	18.92	83.84	88.21
30-Nov-14 18:00:00	30-Nov-14 19:00:00	0.00	1.15	0.00	0.00	4.72	2.1	329.7	0.00	0.38	0.00	0.00	1.55	0.23	10.35	18.92	83.84	86.68	30-Nov-14 18:00:00	0.23	10.73	18.92	83.84	88.23
30-Nov-14 19:00:00	30-Nov-14 20:00:00	0.00	0.00	0.00	0.00	4.87	2.1	329.7	0.00	0.00	0.00	0.00	1.61	0.23	10.35	18.92	83.84	86.68	30-Nov-14 19:00:00	0.23	10.35	18.92	83.84	88.29
30-Nov-14 20:00:00	30-Nov-14 21:00:00	0.00	0.93	0.00	0.00	5.02	2.1	329.7	0.00	0.31	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	30-Nov-14 20:00:00	0.23	10.66	18.92	83.84	88.34
30-Nov-14 21:00:00	30-Nov-14 22:00:00	0.00	1.12	0.00	0.00	5.18	2.1	329.7	0.00	0.37	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	30-Nov-14 21:00:00	0.23	10.72	18.92	83.84	88.39
30-Nov-14 22:00:00	30-Nov-14 23:00:00	0.00	1.40	0.00	0.00	5.35	2.1	329.7	0.00	0.46	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	30-Nov-14 22:00:00	0.23	10.81	18.92	83.84	88.44
30-Nov-14 23:00:00	01-Dec-14 00:00:00	0.00	0.75	0.00	0.00	32.51	2.1	329.7	0.00	0.25	0.00	0.00	10.72	0.23	10.35	18.92	83.84	86.68	30-Nov-14 23:00:00	0.23	10.60	18.92	83.84	97.40
01-Dec-14 00:00:00	01-Dec-14 01:00:00	0.05	0.93	0.00	0.00	5.67	2.1	329.7	0.02	0.31	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	01-Dec-14 00:00:00	0.25	10.66	18.92	83.84	88.55
01-Dec-14 01:00:00	01-Dec-14 02:00:00	0.14	0.00	0.00	0.00	6.17	2.1	329.7	0.05	0.00	0.00	0.00	2.04	0.23	10.35	18.92	83.84	86.68	01-Dec-14 01:00:00	0.28	10.35	18.92	83.84	88.72
01-Dec-14 02:00:00	01-Dec-14 03:00:00	0.22	0.47	0.00	0.00	5.82	2.1	329.7	0.07	0.15	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	01-Dec-14 02:00:00	0.30	10.50	18.92	83.84	88.60
01-Dec-14 03:00:00	01-Dec-14 04:00:00	0.38	4.40	0.00	0.00	5.88	2.1	329.7	0.13	1.45	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	01-Dec-14 03:00:00	0.36	11.80	18.92	83.84	88.62
01-Dec-14 04:00:00	01-Dec-14 05:00:00	0.00	0.00	0.00	0.00	5.94	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	01-Dec-14 04:00:00	0.23	10.35	18.92	83.84	88.64
01-Dec-14 05:00:00	01-Dec-14 06:00:00	0.00	0.59	0.00	0.00	5.99	2.1	329.7	0.00	0.19	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	01-Dec-14 05:00:00	0.23	10.54	18.92	83.84	88.65
01-Dec-14 06:00:00	01-Dec-14 07:00:00	0.00	2.50	0.00	0.00	5.93	2.1	329.7	0.00	0.82	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	01-Dec-14 06:00:00	0.23	11.17	18.92	83.84	88.63
01-Dec-14 07:00:00	01-Dec-14 08:00:00	0.00	1.50	0.00	0.00	5.86	2.1	329.7	0.00	0.50	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	01-Dec-14 07:00:00	0.23	10.85	18.92	83.84	88.61
01-Dec-14 08:00:00	01-Dec-14 09:00:00	0.00	0.95	0.00	0.00	5.79	2.1	329.7	0.00	0.31	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	01-Dec-14 08:00:00	0.23	10.66	18.92	83.84	88.59
01-Dec-14 09:00:00	01-Dec-14 10:00:00	0.00	0.40	0.00	0.00	5.72	2.1	329.7	0.00	0.13	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	01-Dec-14 09:00:00	0.23	10.49	18.92	83.84	88.57
01-Dec-14 10:00:00	01-Dec-14 11:00:00	0.00	1.74	0.00	0.00	5.54	2.1	329.7	0.00	0.58	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	01-Dec-14 10:00:00	0.23	10.93	18.92	83.84	88.51
01-Dec-14 11:00:00	01-Dec-14 12:00:00	0.00	1.05	0.00	0.00	34.86	2.1	329.7	0.00	0.35	0.00	0.00	11.49	0.23	10.35	18.92	83.84	86.68	01-Dec-14 11:00:00	0.23	10.70	18.92	83.84	98.17
01-Dec-14 12:00:00	01-Dec-14 13:00:00	0.00	1.62	0.00	0.00	5.13	2.1	329.7	0.00	0.53	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	01-Dec-14 12:00:00	0.23	10.88	18.92	83.84	88.37
01-Dec-14 13:00:00	01-Dec-14 14:00:00	0.00	4.45	0.00	0.00	4.90	2.1	329.7	0.00	1.47	0.00	0.00	1.62	0.23	10.35	18.92	83.84	86.68	01-Dec-14 13:00:00	0.23	11.82	18.92	83.84	88.30
01-Dec-14 14:00:00	01-Dec-14 15:00:00	0.00	0.00	0.00	0.00	4.67	2.1	329.7	0.00	0.00	0.00	0.00	1.54	0.23	10.35	18.92	83.84	86.68	01-Dec-14 14:00:00	0.23	10.35	18.92	83.84	88.22
01-Dec-14 15:00:00	01-Dec-14 16:00:00	0.00	0.05	0.00	0.00	4.45	2.1	329.7	0.00	0.02	0.00	0.00	1.47	0.23	10.35	18.92	83.84	86.68	01-Dec-14 15:00:00	0.23	10.37	18.92	83.84	88.15
01-Dec-14 16:00:00	01-Dec-14 17:00:00	0.00	0.00	0.00	0.00	4.37	2.1	329.7	0.00	0.00	0.00	0.00	1.44	0.23	10.35	18.92	83.84	86.68	01-Dec-14 16:00:00	0.23	10.35	18.92	83.84	88.12
01-Dec-14 17:00:00	01-Dec-14 18:00:00	0.00	0.00	0.00	0.00	7.12	2.1	329.7	0.00	0.00	0.00	0.00	2.35	0.23	10.35	18.92	83.84	86.68	01-Dec-14 17:00:00	0.23	10.35	18.92	83.84	89.03
01-Dec-14 18:00:00	01-Dec-14 19:00:00	0.00	0.00	0.00	0.00	4.48	2.1	329.7	0.00	0.00	0.00	0.00	1.48	0.23	10.35	18.92	83.84	86.68	01-Dec-14 18:00:00	0.23	10.35	18.92	83.84	88.16</

03-Dec-14 21:00:00	03-Dec-14 22:00:00	0.00	0.00	0.00	0.00	5.13	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	03-Dec-14 21:00:00	0.23	10.35	18.92	83.84	88.37
03-Dec-14 22:00:00	03-Dec-14 23:00:00	0.00	2.69	0.00	0.00	99.40	2.1	329.7	0.00	0.89	0.00	0.00	32.77	0.23	10.35	18.92	83.84	86.68	03-Dec-14 22:00:00	0.23	11.24	18.92	83.84	119.45
03-Dec-14 23:00:00	04-Dec-14 00:00:00	0.00	2.27	0.00	0.00	24.44	2.1	329.7	0.00	0.75	0.00	0.00	8.06	0.23	10.35	18.92	83.84	86.68	03-Dec-14 23:00:00	0.23	11.20	18.92	83.84	94.74
04-Dec-14 00:00:00	04-Dec-14 01:00:00	0.00	1.59	0.00	0.00	5.34	2.1	329.7	0.00	0.52	0.00	0.00	1.76	0.23	10.35	18.92	83.84	86.68	04-Dec-14 00:00:00	0.23	10.87	18.92	83.84	88.44
04-Dec-14 01:00:00	04-Dec-14 02:00:00	0.00	0.91	0.00	0.00	5.57	2.1	329.7	0.00	0.30	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	04-Dec-14 01:00:00	0.23	10.65	18.92	83.84	88.52
04-Dec-14 02:00:00	04-Dec-14 03:00:00	0.00	0.24	0.00	0.00	5.95	2.1	329.7	0.00	0.08	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	04-Dec-14 02:00:00	0.23	10.43	18.92	83.84	88.64
04-Dec-14 03:00:00	04-Dec-14 04:00:00	0.00	0.00	0.00	0.00	6.47	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	04-Dec-14 03:00:00	0.23	10.35	18.92	83.84	88.58
04-Dec-14 04:00:00	04-Dec-14 05:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	04-Dec-14 04:00:00	0.23	10.35	18.92	83.84	88.59
04-Dec-14 05:00:00	04-Dec-14 06:00:00	0.00	0.00	0.00	0.00	5.81	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	04-Dec-14 05:00:00	0.23	10.35	18.92	83.84	88.60
04-Dec-14 06:00:00	04-Dec-14 07:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	04-Dec-14 06:00:00	0.23	10.35	18.92	83.84	88.78
04-Dec-14 07:00:00	04-Dec-14 08:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	04-Dec-14 07:00:00	0.23	10.35	18.92	83.84	88.67
04-Dec-14 08:00:00	04-Dec-14 09:00:00	0.00	0.00	0.00	0.00	25.00	2.1	329.7	0.00	0.00	0.00	0.00	8.24	0.23	10.35	18.92	83.84	86.68	04-Dec-14 08:00:00	0.23	10.35	18.92	83.84	94.92
04-Dec-14 09:00:00	04-Dec-14 10:00:00	0.00	0.00	0.00	0.00	6.04	2.1	329.7	0.00	0.00	0.00	0.00	1.99	0.23	10.35	18.92	83.84	86.68	04-Dec-14 09:00:00	0.23	10.35	18.92	83.84	88.67
04-Dec-14 10:00:00	04-Dec-14 11:00:00	0.00	0.00	0.00	0.00	115.77	2.1	329.7	0.00	0.00	0.00	0.00	38.17	0.23	10.35	18.92	83.84	86.68	04-Dec-14 10:00:00	0.23	10.35	18.92	83.84	124.85
04-Dec-14 11:00:00	04-Dec-14 12:00:00	0.00	0.00	0.00	0.00	5.56	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	04-Dec-14 11:00:00	0.23	10.35	18.92	83.84	88.51
04-Dec-14 12:00:00	04-Dec-14 13:00:00	0.00	0.38	0.00	0.00	44.79	2.1	329.7	0.00	0.13	0.00	0.00	14.77	0.23	10.35	18.92	83.84	86.68	04-Dec-14 12:00:00	0.23	10.48	18.92	83.84	101.45
04-Dec-14 13:00:00	04-Dec-14 14:00:00	0.00	1.58	0.00	0.00	5.22	2.1	329.7	0.00	0.52	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	04-Dec-14 13:00:00	0.23	10.87	18.92	83.84	88.40
04-Dec-14 14:00:00	04-Dec-14 15:00:00	0.00	3.56	0.00	0.00	5.20	2.1	329.7	0.00	1.17	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	04-Dec-14 14:00:00	0.23	11.52	18.92	83.84	88.40
04-Dec-14 15:00:00	04-Dec-14 16:00:00	0.00	1.95	0.00	0.00	5.19	2.1	329.7	0.00	0.64	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	04-Dec-14 15:00:00	0.23	10.99	18.92	83.84	88.39
04-Dec-14 16:00:00	04-Dec-14 17:00:00	0.00	1.14	0.00	0.00	5.20	2.1	329.7	0.00	0.38	0.00	0.00	1.71	0.23	10.35	18.92	83.84	86.68	04-Dec-14 16:00:00	0.23	10.73	18.92	83.84	88.39
04-Dec-14 17:00:00	04-Dec-14 18:00:00	0.00	0.59	0.00	0.00	5.39	2.1	329.7	0.00	0.19	0.00	0.00	1.78	0.23	10.35	18.92	83.84	86.68	04-Dec-14 17:00:00	0.23	10.54	18.92	83.84	88.46
04-Dec-14 18:00:00	04-Dec-14 19:00:00	0.00	0.00	0.00	0.00	115.53	2.1	329.7	0.00	0.00	0.00	0.00	38.09	0.23	10.35	18.92	83.84	86.68	04-Dec-14 18:00:00	0.23	10.35	18.92	83.84	124.77
04-Dec-14 19:00:00	04-Dec-14 20:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	04-Dec-14 19:00:00	0.23	10.35	18.92	83.84	88.58
04-Dec-14 20:00:00	04-Dec-14 21:00:00	0.00	2.76	0.00	0.00	5.81	2.1	329.7	0.00	0.91	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	04-Dec-14 20:00:00	0.23	11.26	18.92	83.84	88.60
04-Dec-14 21:00:00	04-Dec-14 22:00:00	0.00	0.01	0.00	0.00	5.85	2.1	329.7	0.00	0.00	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	04-Dec-14 21:00:00	0.23	10.35	18.92	83.84	88.61
04-Dec-14 22:00:00	04-Dec-14 23:00:00	0.00	0.00	0.00	0.00	5.92	2.1	329.7	0.00	0.00	0.00	0.00	1.95	0.23	10.35	18.92	83.84	86.68	04-Dec-14 22:00:00	0.23	10.35	18.92	83.84	88.63
04-Dec-14 23:00:00	05-Dec-14 00:00:00	0.00	0.00	0.00	0.00	5.95	2.1	329.7	0.00	0.00	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	04-Dec-14 23:00:00	0.23	10.35	18.92	83.84	88.64
05-Dec-14 00:00:00	05-Dec-14 01:00:00	0.00	0.00	0.00	0.00	30.07	2.1	329.7	0.00	0.00	0.00	0.00	9.91	0.23	10.35	18.92	83.84	86.68	05-Dec-14 00:00:00	0.23	10.35	18.92	83.84	96.59
05-Dec-14 01:00:00	05-Dec-14 02:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	05-Dec-14 01:00:00	0.23	10.35	18.92	83.84	88.58
05-Dec-14 02:00:00	05-Dec-14 03:00:00	0.00	0.18	0.00	0.00	5.80	2.1	329.7	0.00	0.06	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	05-Dec-14 02:00:00	0.23	10.41	18.92	83.84	88.59
05-Dec-14 03:00:00	05-Dec-14 04:00:00	0.00	0.24	0.00	0.00	5.84	2.1	329.7	0.00	0.08	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	05-Dec-14 03:00:00	0.23	10.43	18.92	83.84	88.60
05-Dec-14 04:00:00	05-Dec-14 05:00:00	0.00	0.52	0.00	0.00	5.87	2.1	329.7	0.00	0.17	0.00	0.00	1.93	0.23	10.35	18.92	83.84	86.68	05-Dec-14 04:00:00	0.23	10.52	18.92	83.84	88.61
05-Dec-14 05:00:00	05-Dec-14 06:00:00	0.00	0.80	0.00	0.00	5.98	2.1	329.7	0.00	0.26	0.00	0.00	1.97	0.23	10.35	18.92	83.84	86.68	05-Dec-14 05:00:00	0.23	10.61	18.92	83.84	88.65
05-Dec-14 06:00:00	05-Dec-14 07:00:00	0.00	1.54	0.00	0.00	6.15	2.1	329.7	0.00	0.51	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	05-Dec-14 06:00:00	0.23	10.86	18.92	83.84	88.71
05-Dec-14 07:00:00	05-Dec-14 08:00:00	0.00	3.95	0.00	0.00	6.44	2.1	329.7	0.00	1.30	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	05-Dec-14 07:00:00	0.23	11.65	18.92	83.84	88.80
05-Dec-14 08:00:00	05-Dec-14 09:00:00	0.00	2.56	0.00	0.00	6.17	2.1	329.7	0.00	0.84	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	05-Dec-14 08:00:00	0.23	11.19	18.92	83.84	88.71
05-Dec-14 09:00:00	05-Dec-14 10:00:00	0.00	0.45	0.00	0.00	6.25	2.1	329.7	0.00	0.15	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	05-Dec-14 09:00:00	0.23	10.50	18.92	83.84	88.74
05-Dec-14 10:00:00	05-Dec-14 11:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	05-Dec-14 10:00:00	0.23	10.35	18.92	83.84	88.77
05-Dec-14 11:00:00	05-Dec-14 12:00:00	0.00	0.00	0.00	0.00	6.40	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	05-Dec-14 11:00:00	0.23	10.35	18.92	83.84	88.79
05-Dec-14 12:00:00	05-Dec-14 13:00:00	0.00	0.00	0.00	0.00	6.54	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	05-Dec-14 12:00:00	0.23	10.35	18.92	83.84	88.84
05-Dec-14 13:00:00	05-Dec-14 14:00:00	0.00	0.00	0.00	0.00	6.06	2.1	329.7	0.00	0.00	0.00	0.00	2.00	0.23	10.35	18.92	83.84	86.68	05-Dec-14 13:00:00	0.23	10.35	18.92	83.84	

07-Dec-14 16:00:00	07-Dec-14 17:00:00	0.00	1,243.22	0.00	0.00	5.79	2.1	329.7	0.00	409.89	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	07-Dec-14 16:00:00	0.23	420.24	18.92	83.84	88.59
07-Dec-14 17:00:00	07-Dec-14 18:00:00	0.00	1,319.76	0.00	0.00	5.96	2.1	329.7	0.00	435.12	0.00	0.00	1.96	0.23	10.35	18.92	83.84	86.68	07-Dec-14 17:00:00	0.23	445.47	18.92	83.84	88.64
07-Dec-14 18:00:00	07-Dec-14 19:00:00	0.00	1,465.65	0.00	0.00	220.68	2.1	329.7	0.00	483.22	0.00	0.00	72.76	0.23	10.35	18.92	83.84	86.68	07-Dec-14 18:00:00	0.23	493.57	18.92	83.84	159.44
07-Dec-14 19:00:00	07-Dec-14 20:00:00	0.00	1,488.50	0.00	0.00	434.30	2.1	329.7	0.00	490.76	0.00	0.00	143.19	0.23	10.35	18.92	83.84	86.68	07-Dec-14 19:00:00	0.23	501.11	18.92	83.84	229.87
07-Dec-14 20:00:00	07-Dec-14 21:00:00	0.00	1,446.58	0.00	0.00	489.06	2.1	329.7	0.00	476.94	0.00	0.00	161.24	0.23	10.35	18.92	83.84	86.68	07-Dec-14 20:00:00	0.23	487.29	18.92	83.84	247.92
07-Dec-14 21:00:00	07-Dec-14 22:00:00	0.00	1,516.28	0.00	0.00	176.52	2.1	329.7	0.00	499.92	0.00	0.00	58.20	0.23	10.35	18.92	83.84	86.68	07-Dec-14 21:00:00	0.23	510.27	18.92	83.84	144.88
07-Dec-14 22:00:00	07-Dec-14 23:00:00	0.00	1,507.92	0.00	0.00	184.09	2.1	329.7	0.00	497.05	0.00	0.00	60.69	0.23	10.35	18.92	83.84	86.68	07-Dec-14 22:00:00	0.23	507.38	18.92	83.84	147.30
07-Dec-14 23:00:00	08-Dec-14 00:00:00	0.00	1,505.32	0.00	0.00	214.20	2.1	329.7	0.00	496.31	0.00	0.00	70.62	0.23	10.35	18.92	83.84	86.68	07-Dec-14 23:00:00	0.23	506.66	18.92	83.84	157.30
08-Dec-14 00:00:00	08-Dec-14 01:00:00	0.00	1,405.59	0.00	0.00	305.76	2.1	329.7	0.00	463.42	0.00	0.00	100.81	0.23	10.35	18.92	83.84	86.68	08-Dec-14 00:00:00	0.23	473.77	18.92	83.84	187.49
08-Dec-14 01:00:00	08-Dec-14 02:00:00	0.00	1,121.69	0.00	0.00	387.12	2.1	329.7	0.00	369.82	0.00	0.00	127.63	0.23	10.35	18.92	83.84	86.68	08-Dec-14 01:00:00	0.23	380.17	18.92	83.84	214.31
08-Dec-14 02:00:00	08-Dec-14 03:00:00	0.00	968.00	0.00	0.00	286.24	2.1	329.7	0.00	319.15	0.00	0.00	94.37	0.23	10.35	18.92	83.84	86.68	08-Dec-14 02:00:00	0.23	329.50	18.92	83.84	181.05
08-Dec-14 03:00:00	08-Dec-14 04:00:00	0.00	632.24	0.00	0.00	266.64	2.1	329.7	0.00	208.45	0.00	0.00	87.91	0.23	10.35	18.92	83.84	86.68	08-Dec-14 03:00:00	0.23	218.80	18.92	83.84	174.59
08-Dec-14 04:00:00	08-Dec-14 05:00:00	0.00	405.73	0.00	0.00	288.82	2.1	329.7	0.00	133.77	0.00	0.00	95.22	0.23	10.35	18.92	83.84	86.68	08-Dec-14 04:00:00	0.23	144.12	18.92	83.84	181.90
08-Dec-14 05:00:00	08-Dec-14 06:00:00	0.00	150.30	0.00	0.00	296.73	2.1	329.7	0.00	49.55	0.00	0.00	97.83	0.23	10.35	18.92	83.84	86.68	08-Dec-14 05:00:00	0.23	59.90	18.92	83.84	184.51
08-Dec-14 06:00:00	08-Dec-14 07:00:00	0.00	0.00	0.00	0.00	242.04	2.1	329.7	0.00	0.00	0.00	0.00	79.80	0.23	10.35	18.92	83.84	86.68	08-Dec-14 06:00:00	0.23	10.35	18.92	83.84	166.48
08-Dec-14 07:00:00	08-Dec-14 08:00:00	0.00	0.00	0.00	0.00	317.31	2.1	329.7	0.00	0.00	0.00	0.00	104.62	0.23	10.35	18.92	83.84	86.68	08-Dec-14 07:00:00	0.23	10.35	18.92	83.84	191.30
08-Dec-14 08:00:00	08-Dec-14 09:00:00	0.00	0.00	0.00	0.00	275.68	2.1	329.7	0.00	0.00	0.00	0.00	90.89	0.23	10.35	18.92	83.84	86.68	08-Dec-14 08:00:00	0.23	10.35	18.92	83.84	177.57
08-Dec-14 09:00:00	08-Dec-14 10:00:00	0.00	0.00	0.00	0.00	241.25	2.1	329.7	0.00	0.00	0.00	0.00	79.54	0.23	10.35	18.92	83.84	86.68	08-Dec-14 09:00:00	0.23	10.35	18.92	83.84	166.22
08-Dec-14 10:00:00	08-Dec-14 11:00:00	0.00	212.12	0.00	0.00	185.21	2.1	329.7	0.00	69.94	0.00	0.00	61.06	0.23	10.35	18.92	83.84	86.68	08-Dec-14 10:00:00	0.23	80.29	18.92	83.84	147.74
08-Dec-14 11:00:00	08-Dec-14 12:00:00	0.00	397.69	0.00	0.00	249.89	2.1	329.7	0.00	131.12	0.00	0.00	82.39	0.23	10.35	18.92	83.84	86.68	08-Dec-14 11:00:00	0.23	141.47	18.92	83.84	169.07
08-Dec-14 12:00:00	08-Dec-14 13:00:00	0.00	550.43	0.00	0.00	254.70	2.1	329.7	0.00	181.48	0.00	0.00	83.97	0.23	10.35	18.92	83.84	86.68	08-Dec-14 12:00:00	0.23	191.83	18.92	83.84	170.65
08-Dec-14 13:00:00	08-Dec-14 14:00:00	0.00	1,036.33	0.00	0.00	239.08	2.1	329.7	0.00	341.68	0.00	0.00	78.83	0.23	10.35	18.92	83.84	86.68	08-Dec-14 13:00:00	0.23	352.03	18.92	83.84	165.51
08-Dec-14 14:00:00	08-Dec-14 15:00:00	0.00	1,428.24	0.00	0.00	288.36	2.1	329.7	0.00	470.89	0.00	0.00	95.07	0.23	10.35	18.92	83.84	86.68	08-Dec-14 14:00:00	0.23	481.24	18.92	83.84	181.75
08-Dec-14 15:00:00	08-Dec-14 16:00:00	0.00	1,442.42	0.00	0.00	219.11	2.1	329.7	0.00	475.57	0.00	0.00	72.24	0.23	10.35	18.92	83.84	86.68	08-Dec-14 15:00:00	0.23	485.92	18.92	83.84	158.92
08-Dec-14 16:00:00	08-Dec-14 17:00:00	0.00	1,498.18	0.00	0.00	184.90	2.1	329.7	0.00	493.95	0.00	0.00	60.96	0.23	10.35	18.92	83.84	86.68	08-Dec-14 16:00:00	0.23	504.30	18.92	83.84	147.64
08-Dec-14 17:00:00	08-Dec-14 18:00:00	0.00	1,497.90	0.00	0.00	239.31	2.1	329.7	0.00	493.86	0.00	0.00	78.90	0.23	10.35	18.92	83.84	86.68	08-Dec-14 17:00:00	0.23	504.21	18.92	83.84	165.58
08-Dec-14 18:00:00	08-Dec-14 19:00:00	0.00	1,428.08	0.00	0.00	986.50	2.1	329.7	0.00	470.84	0.00	0.00	325.25	0.23	10.35	18.92	83.84	86.68	08-Dec-14 18:00:00	0.23	481.19	18.92	83.84	411.93
08-Dec-14 19:00:00	08-Dec-14 20:00:00	0.00	1,443.48	0.00	0.00	352.04	2.1	329.7	0.00	475.92	0.00	0.00	116.07	0.23	10.35	18.92	83.84	86.68	08-Dec-14 19:00:00	0.23	486.27	18.92	83.84	202.75
08-Dec-14 20:00:00	08-Dec-14 21:00:00	0.00	1,427.98	0.00	0.00	304.85	2.1	329.7	0.00	470.80	0.00	0.00	100.51	0.23	10.35	18.92	83.84	86.68	08-Dec-14 20:00:00	0.23	481.15	18.92	83.84	187.19
08-Dec-14 21:00:00	08-Dec-14 22:00:00	0.00	1,422.65	0.00	0.00	903.00	2.1	329.7	0.00	469.05	0.00	0.00	297.72	0.23	10.35	18.92	83.84	86.68	08-Dec-14 21:00:00	0.23	479.40	18.92	83.84	384.40
08-Dec-14 22:00:00	08-Dec-14 23:00:00	0.00	1,421.52	0.00	0.00	314.80	2.1	329.7	0.00	468.67	0.00	0.00	103.79	0.23	10.35	18.92	83.84	86.68	08-Dec-14 22:00:00	0.23	479.02	18.92	83.84	190.47
08-Dec-14 23:00:00	08-Dec-14 00:00:00	0.00	1,421.53	0.00	0.00	297.73	2.1	329.7	0.00	468.58	0.00	0.00	98.16	0.23	10.35	18.92	83.84	86.68	08-Dec-14 23:00:00	0.23	479.39	18.92	83.84	184.84
09-Dec-14 00:00:00	09-Dec-14 01:00:00	0.00	1,423.57	0.00	0.00	295.58	2.1	329.7	0.00	469.35	0.00	0.00	97.45	0.23	10.35	18.92	83.84	86.68	09-Dec-14 00:00:00	0.23	479.70	18.92	83.84	184.13
09-Dec-14 01:00:00	09-Dec-14 02:00:00	0.00	1,423.37	0.00	0.00	295.75	2.1	329.7	0.00	469.28	0.00	0.00	97.51	0.23	10.35	18.92	83.84	86.68	09-Dec-14 01:00:00	0.23	479.63	18.92	83.84	184.19
09-Dec-14 02:00:00	09-Dec-14 03:00:00	0.00	1,428.42	0.00	0.00	295.92	2.1	329.7	0.00	470.95	0.00	0.00	97.57	0.23	10.35	18.92	83.84	86.68	09-Dec-14 02:00:00	0.23	481.30	18.92	83.84	184.25
09-Dec-14 03:00:00	09-Dec-14 04:00:00	0.00	1,421.57	0.00	0.00	325.03	2.1	329.7	0.00	468.69	0.00	0.00	107.16	0.23	10.35	18.92	83.84	86.68	09-Dec-14 03:00:00	0.23	479.04	18.92	83.84	193.84
09-Dec-14 04:00:00	09-Dec-14 05:00:00	0.00	1,422.88	0.00	0.00	340.81	2.1	329.7	0.00	469.12	0.00	0.00	112.36	0.23	10.35	18.92	83.84	86.68	09-Dec-14 04:00:00	0.23	479.47	18.92	83.84	199.04
09-Dec-14 05:00:00	09-Dec-14 06:00:00	0.00	1,425.26	0.00	0.00	339.89	2.1	329.7	0.00	469.91	0.00	0.00	112.06	0.23	10.35	18.92	83.84	86.68	09-Dec-14 05:00:00	0.23	480.26	18.92	83.84	198.74
09-Dec-14 06:00:00	09-Dec-14 07:00:00	0.00	1,432.46	0.00	0.00	338.81	2.1	329.7	0.00	472.28	0.00	0.00	111.71	0.23	10.35	18.92	83.84	86.68	09-Dec-14 06:00:00	0.23	482.63	18.92	83.84	198.39
09-Dec-14 07:00:00	09-Dec-14 08:00:00	0.00	1,271.42	0.00	0.00	307.02	2.1	329.7	0.00	419.19	0.00	0.00	101.23	0.23	10.35	18.92								

11-Dec-14 11:00:00	11-Dec-14 12:00:00	408.53	224.11	0.00	0.00	711.29	2.1	329.7	134.69	73.89	0.00	0.00	234.51	0.23	10.35	18.92	83.84	86.68	11-Dec-14 11:00:00	134.92	84.24	18.92	83.84	321.19
11-Dec-14 12:00:00	11-Dec-14 13:00:00	1,487.68	0.00	0.00	0.00	246.27	2.1	329.7	490.49	0.00	0.00	0.00	81.19	0.23	10.35	18.92	83.84	86.68	11-Dec-14 12:00:00	490.72	10.35	18.92	83.84	167.87
11-Dec-14 13:00:00	11-Dec-14 14:00:00	1,648.42	0.31	0.00	0.00	229.52	2.1	329.7	543.48	0.10	0.00	0.00	76.67	0.23	10.35	18.92	83.84	86.68	11-Dec-14 13:00:00	543.71	10.45	18.92	83.84	162.35
11-Dec-14 14:00:00	11-Dec-14 15:00:00	1,391.04	0.45	0.00	0.00	230.72	2.1	329.7	458.63	0.15	0.00	0.00	76.07	0.23	10.35	18.92	83.84	86.68	11-Dec-14 14:00:00	458.86	10.50	18.92	83.84	162.75
11-Dec-14 15:00:00	11-Dec-14 16:00:00	1,234.07	0.17	0.00	0.00	228.28	2.1	329.7	406.87	0.06	0.00	0.00	75.27	0.23	10.35	18.92	83.84	86.68	11-Dec-14 15:00:00	407.10	10.41	18.92	83.84	161.95
11-Dec-14 16:00:00	11-Dec-14 17:00:00	1,138.83	0.11	0.00	0.00	203.22	2.1	329.7	375.47	0.04	0.00	0.00	67.00	0.23	10.35	18.92	83.84	86.68	11-Dec-14 16:00:00	375.70	10.39	18.92	83.84	153.68
11-Dec-14 17:00:00	11-Dec-14 18:00:00	1,211.74	0.05	0.00	0.00	196.53	2.1	329.7	409.40	0.02	0.00	0.00	64.80	0.23	10.35	18.92	83.84	86.68	11-Dec-14 17:00:00	409.63	10.37	18.92	83.84	151.48
11-Dec-14 18:00:00	11-Dec-14 19:00:00	1,319.79	0.00	0.00	0.00	140.82	2.1	329.7	495.13	0.00	0.00	0.00	46.43	0.23	10.35	18.92	83.84	86.68	11-Dec-14 18:00:00	495.36	10.35	18.92	83.84	133.11
11-Dec-14 19:00:00	11-Dec-14 20:00:00	1,070.46	0.00	0.00	0.00	261.06	2.1	329.7	352.93	0.00	0.00	0.00	86.07	0.23	10.35	18.92	83.84	86.68	11-Dec-14 19:00:00	353.16	10.35	18.92	83.84	172.75
11-Dec-14 20:00:00	11-Dec-14 21:00:00	972.54	0.00	0.00	0.00	106.19	2.1	329.7	320.65	0.00	0.00	0.00	35.01	0.23	10.35	18.92	83.84	86.68	11-Dec-14 20:00:00	320.88	10.35	18.92	83.84	121.69
11-Dec-14 21:00:00	11-Dec-14 22:00:00	0.00	1.03	0.00	0.00	169.15	2.1	329.7	0.00	0.34	0.00	0.00	55.77	0.23	10.35	18.92	83.84	86.68	11-Dec-14 21:00:00	0.23	10.69	18.92	83.84	142.45
11-Dec-14 22:00:00	11-Dec-14 23:00:00	0.24	2.29	0.00	0.00	29.07	2.1	329.7	0.08	0.09	0.00	0.00	9.59	0.23	10.35	18.92	83.84	86.68	11-Dec-14 22:00:00	0.31	10.44	18.92	83.84	96.27
11-Dec-14 23:00:00	12-Dec-14 00:00:00	0.93	0.00	0.00	0.00	34.53	2.1	329.7	0.31	0.00	0.00	0.00	11.38	0.23	10.35	18.92	83.84	86.68	11-Dec-14 23:00:00	0.54	10.35	18.92	83.84	98.06
12-Dec-14 00:00:00	12-Dec-14 01:00:00	0.00	0.00	0.00	0.00	57.31	2.1	329.7	0.00	0.00	0.00	0.00	18.89	0.23	10.35	18.92	83.84	86.68	12-Dec-14 00:00:00	0.23	10.35	18.92	83.84	105.57
12-Dec-14 01:00:00	12-Dec-14 02:00:00	0.00	0.00	0.00	0.00	7.25	2.1	329.7	0.00	0.00	0.00	0.00	2.39	0.23	10.35	18.92	83.84	86.68	12-Dec-14 01:00:00	0.23	10.35	18.92	83.84	89.07
12-Dec-14 02:00:00	12-Dec-14 03:00:00	0.28	0.00	0.00	0.00	8.30	2.1	329.7	0.09	0.00	0.00	0.00	2.74	0.23	10.35	18.92	83.84	86.68	12-Dec-14 02:00:00	0.32	10.35	18.92	83.84	89.42
12-Dec-14 03:00:00	12-Dec-14 04:00:00	0.85	0.43	0.00	0.00	35.46	2.1	329.7	0.28	0.14	0.00	0.00	11.69	0.23	10.35	18.92	83.84	86.68	12-Dec-14 03:00:00	0.51	10.49	18.92	83.84	98.37
12-Dec-14 04:00:00	12-Dec-14 05:00:00	0.51	1.44	0.00	0.00	7.72	2.1	329.7	0.17	0.47	0.00	0.00	2.54	0.23	10.35	18.92	83.84	86.68	12-Dec-14 04:00:00	0.40	10.82	18.92	83.84	89.22
12-Dec-14 05:00:00	12-Dec-14 06:00:00	0.00	0.00	0.00	0.00	31.32	2.1	329.7	0.00	0.00	0.00	0.00	10.33	0.23	10.35	18.92	83.84	86.68	12-Dec-14 05:00:00	0.23	10.35	18.92	83.84	97.91
12-Dec-14 06:00:00	12-Dec-14 07:00:00	0.00	0.00	0.00	0.00	143.44	2.1	329.7	0.00	0.00	0.00	0.00	47.29	0.23	10.35	18.92	83.84	86.68	12-Dec-14 06:00:00	0.23	10.35	18.92	83.84	133.97
12-Dec-14 07:00:00	12-Dec-14 08:00:00	0.00	0.00	0.00	0.00	7.34	2.1	329.7	0.00	0.00	0.00	0.00	2.42	0.23	10.35	18.92	83.84	86.68	12-Dec-14 07:00:00	0.23	10.35	18.92	83.84	89.10
12-Dec-14 08:00:00	12-Dec-14 09:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	12-Dec-14 08:00:00	0.23	10.35	18.92	83.84	88.97
12-Dec-14 09:00:00	12-Dec-14 10:00:00	0.00	0.00	0.00	0.00	6.55	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	12-Dec-14 09:00:00	0.23	10.35	18.92	83.84	88.84
12-Dec-14 10:00:00	12-Dec-14 11:00:00	0.00	0.00	0.00	0.00	6.16	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	12-Dec-14 10:00:00	0.23	10.35	18.92	83.84	88.71
12-Dec-14 11:00:00	12-Dec-14 12:00:00	0.00	0.00	0.00	0.00	5.82	2.1	329.7	0.00	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	12-Dec-14 11:00:00	0.23	10.35	18.92	83.84	88.60
12-Dec-14 12:00:00	12-Dec-14 13:00:00	0.00	0.00	0.00	0.00	99.36	2.1	329.7	0.00	0.00	0.00	0.00	32.76	0.23	10.35	18.92	83.84	86.68	12-Dec-14 12:00:00	0.23	10.35	18.92	83.84	119.44
12-Dec-14 13:00:00	12-Dec-14 14:00:00	0.00	0.00	0.00	0.00	5.27	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	12-Dec-14 13:00:00	0.23	10.35	18.92	83.84	88.42
12-Dec-14 14:00:00	12-Dec-14 15:00:00	0.00	0.00	0.00	0.00	5.08	2.1	329.7	0.00	0.00	0.00	0.00	1.67	0.23	10.35	18.92	83.84	86.68	12-Dec-14 14:00:00	0.23	10.35	18.92	83.84	88.35
12-Dec-14 15:00:00	12-Dec-14 16:00:00	0.00	0.00	0.00	0.00	40.69	2.1	329.7	0.00	0.00	0.00	0.00	13.42	0.23	10.35	18.92	83.84	86.68	12-Dec-14 15:00:00	0.23	10.35	18.92	83.84	100.10
12-Dec-14 16:00:00	12-Dec-14 17:00:00	0.00	0.00	0.00	0.00	4.95	2.1	329.7	0.00	0.00	0.00	0.00	1.63	0.23	10.35	18.92	83.84	86.68	12-Dec-14 16:00:00	0.23	10.35	18.92	83.84	88.31
12-Dec-14 17:00:00	12-Dec-14 18:00:00	0.00	0.00	0.00	0.00	5.04	2.1	329.7	0.00	0.00	0.00	0.00	1.66	0.23	10.35	18.92	83.84	86.68	12-Dec-14 17:00:00	0.23	10.35	18.92	83.84	88.34
12-Dec-14 18:00:00	12-Dec-14 19:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.00	0.00	0.00	1.69	0.23	10.35	18.92	83.84	86.68	12-Dec-14 18:00:00	0.23	10.35	18.92	83.84	88.37
12-Dec-14 19:00:00	12-Dec-14 20:00:00	0.00	0.00	0.00	0.00	5.22	2.1	329.7	0.00	0.00	0.00	0.00	1.72	0.23	10.35	18.92	83.84	86.68	12-Dec-14 19:00:00	0.23	10.35	18.92	83.84	88.40
12-Dec-14 20:00:00	12-Dec-14 21:00:00	0.45	0.00	0.00	0.00	76.35	2.1	329.7	0.15	0.00	0.00	0.00	25.17	0.23	10.35	18.92	83.84	86.68	12-Dec-14 20:00:00	0.38	10.35	18.92	83.84	111.85
12-Dec-14 21:00:00	12-Dec-14 22:00:00	0.11	0.00	0.00	0.00	6.27	2.1	329.7	0.04	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	12-Dec-14 21:00:00	0.27	10.35	18.92	83.84	88.75
12-Dec-14 22:00:00	12-Dec-14 23:00:00	0.00	0.00	0.00	0.00	7.04	2.1	329.7	0.00	0.00	0.00	0.00	2.32	0.23	10.35	18.92	83.84	86.68	12-Dec-14 22:00:00	0.23	10.35	18.92	83.84	89.00
12-Dec-14 23:00:00	13-Dec-14 00:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	12-Dec-14 23:00:00	0.23	10.35	18.92	83.84	88.86
13-Dec-14 00:00:00	13-Dec-14 01:00:00	0.39	0.00	0.00	0.00	6.74	2.1	329.7	0.13	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	13-Dec-14 00:00:00	0.36	10.35	18.92	83.84	89.00
13-Dec-14 01:00:00	13-Dec-14 02:00:00	0.47	0.00	0.00	0.00	32.07	2.1	329.7	0.16	0.00	0.00	0.00	10.57	0.23	10.35	18.92	83.84	86.68	13-Dec-14 01:00:00	0.39	10.35	18.92	83.84	97.25
13-Dec-14 02:00:00	13-Dec-14 03:00:00	0.56	0.00	0.00	0.00	6.91	2.1	329.7	0.18	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	13-Dec-14 02:00:00	0.41	10.35	18.92	83.84	88.96
13-Dec-14 03:00:00	13-Dec-14 04:00:00	0.55	0.00	0.00	0.00	6.91	2.1	329.7	0.18	0.00	0.00	0.00	2.28	0.23	10.35	18.92	83.84	86.68	13-Dec-14 03:00:00	0.41	10.35	18.92	83.84	88.96
13-Dec-14 04:00:00	13-Dec-14 05:00:00	0.00	0.04	0.00	0.00	20.47	2.1	329.7	0.00	0.01	0.00	0.00	6.75	0.23	10.35	18.92	83.84	86.68	13-Dec-14 04:00:00	0.23	10.36	18.92	83.84	93.43
13-Dec-14 05:00:00	13-Dec-14 06:00:00	0.00	0.55	0.00	0.00	112.53	2.1	329.7	0.00	0.18	0.00	0.00	37.10	0.23	10.35	18.92	83.84	86.68	13-Dec-14 05:00:00	0.23	10.53	18.92	83.84	123.78
13-Dec-14 06:00:00	13-Dec-14 07:00:00	0.00	1.21	0.00	0.00	11.67	2.1	329.7	0.00	0.40	0.00	0.00	3.85	0.23	10.35	18.92	83.84	86.68	13-Dec-14 06:00:00	0.23	10.75	18.92	83.84	99.53

19-Dec-14 01:00:00	19-Dec-14 02:00:00	0.91	0.00	0.00	0.00	6.29	2.1	329.7	0.30	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	19-Dec-14 01:00:00	0.53	10.35	18.92	83.84	88.75
19-Dec-14 02:00:00	19-Dec-14 03:00:00	0.27	0.00	0.00	0.00	6.41	2.1	329.7	0.09	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	19-Dec-14 02:00:00	0.32	10.35	18.92	83.84	88.79
19-Dec-14 03:00:00	19-Dec-14 04:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	19-Dec-14 03:00:00	0.23	10.35	18.92	83.84	88.83
19-Dec-14 04:00:00	19-Dec-14 05:00:00	0.00	0.00	0.00	0.00	6.62	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Dec-14 04:00:00	0.23	10.35	18.92	83.84	88.86
19-Dec-14 05:00:00	19-Dec-14 06:00:00	0.00	0.00	0.00	0.00	6.61	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	19-Dec-14 05:00:00	0.23	10.35	18.92	83.84	88.86
19-Dec-14 06:00:00	19-Dec-14 07:00:00	0.00	0.00	0.00	0.00	6.69	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	19-Dec-14 06:00:00	0.23	10.35	18.92	83.84	88.89
19-Dec-14 07:00:00	19-Dec-14 08:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	19-Dec-14 07:00:00	0.23	10.35	18.92	83.84	88.91
19-Dec-14 08:00:00	19-Dec-14 09:00:00	0.00	0.00	0.00	0.00	6.86	2.1	329.7	0.00	0.00	0.00	0.00	2.26	0.23	10.35	18.92	83.84	86.68	19-Dec-14 08:00:00	0.23	10.35	18.92	83.84	88.94
19-Dec-14 09:00:00	19-Dec-14 10:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	19-Dec-14 09:00:00	0.23	10.35	18.92	83.84	88.87
19-Dec-14 10:00:00	19-Dec-14 11:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	19-Dec-14 10:00:00	0.23	10.35	18.92	83.84	88.75
19-Dec-14 11:00:00	19-Dec-14 12:00:00	0.00	0.00	0.00	0.00	5.88	2.1	329.7	0.00	0.00	0.00	0.00	1.94	0.23	10.35	18.92	83.84	86.68	19-Dec-14 11:00:00	0.23	10.35	18.92	83.84	88.62
19-Dec-14 12:00:00	19-Dec-14 13:00:00	0.00	0.00	0.00	0.00	9.94	2.1	329.7	0.00	0.00	0.00	0.00	3.28	0.23	10.35	18.92	83.84	86.68	19-Dec-14 12:00:00	0.23	10.35	18.92	83.84	89.96
19-Dec-14 13:00:00	19-Dec-14 14:00:00	0.00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	19-Dec-14 13:00:00	0.23	10.35	18.92	83.84	88.41
19-Dec-14 14:00:00	19-Dec-14 15:00:00	0.00	0.00	0.00	0.00	5.01	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	19-Dec-14 14:00:00	0.23	10.35	18.92	83.84	88.33
19-Dec-14 15:00:00	19-Dec-14 16:00:00	0.00	0.00	0.00	0.00	4.99	2.1	329.7	0.00	0.00	0.00	0.00	1.65	0.23	10.35	18.92	83.84	86.68	19-Dec-14 15:00:00	0.23	10.35	18.92	83.84	88.33
19-Dec-14 16:00:00	19-Dec-14 17:00:00	0.00	0.00	0.00	0.00	4.80	2.1	329.7	0.00	0.00	0.00	0.00	1.58	0.23	10.35	18.92	83.84	86.68	19-Dec-14 16:00:00	0.23	10.35	18.92	83.84	88.26
19-Dec-14 17:00:00	19-Dec-14 18:00:00	0.00	0.00	0.00	0.00	4.97	2.1	329.7	0.00	0.00	0.00	0.00	1.64	0.23	10.35	18.92	83.84	86.68	19-Dec-14 17:00:00	0.23	10.35	18.92	83.84	88.32
19-Dec-14 18:00:00	19-Dec-14 19:00:00	0.00	0.00	0.00	0.00	16.88	2.1	329.7	0.00	0.00	0.00	0.00	5.57	0.23	10.35	18.92	83.84	86.68	19-Dec-14 18:00:00	0.23	10.35	18.92	83.84	92.25
19-Dec-14 19:00:00	19-Dec-14 20:00:00	0.02	0.00	0.00	0.00	5.44	2.1	329.7	0.01	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	19-Dec-14 19:00:00	0.24	10.35	18.92	83.84	88.48
19-Dec-14 20:00:00	19-Dec-14 21:00:00	0.40	0.00	0.00	0.00	301.96	2.1	329.7	0.13	0.00	0.00	0.00	99.56	0.23	10.35	18.92	83.84	86.68	19-Dec-14 20:00:00	0.36	10.35	18.92	83.84	186.24
19-Dec-14 21:00:00	19-Dec-14 22:00:00	0.00	0.00	0.00	0.00	387.84	2.1	329.7	0.00	0.00	0.00	0.00	127.87	0.23	10.35	18.92	83.84	86.68	19-Dec-14 21:00:00	0.23	10.35	18.92	83.84	214.55
19-Dec-14 22:00:00	19-Dec-14 23:00:00	0.00	0.00	0.00	0.00	327.89	2.1	329.7	0.00	0.00	0.00	0.00	108.10	0.23	10.35	18.92	83.84	86.68	19-Dec-14 22:00:00	0.23	10.35	18.92	83.84	194.78
19-Dec-14 23:00:00	20-Dec-14 00:00:00	0.00	0.00	0.00	0.00	304.36	2.1	329.7	0.00	0.00	0.00	0.00	100.35	0.23	10.35	18.92	83.84	86.68	19-Dec-14 23:00:00	0.23	10.35	18.92	83.84	187.03
20-Dec-14 00:00:00	20-Dec-14 01:00:00	0.00	0.00	0.00	0.00	229.71	2.1	329.7	0.00	0.00	0.00	0.00	75.74	0.23	10.35	18.92	83.84	86.68	20-Dec-14 00:00:00	0.23	10.35	18.92	83.84	162.42
20-Dec-14 01:00:00	20-Dec-14 02:00:00	0.40	0.00	0.00	0.00	233.90	2.1	329.7	0.13	0.00	0.00	0.00	77.12	0.23	10.35	18.92	83.84	86.68	20-Dec-14 01:00:00	0.36	10.35	18.92	83.84	163.80
20-Dec-14 02:00:00	20-Dec-14 03:00:00	0.00	0.00	0.00	0.00	222.11	2.1	329.7	0.00	0.00	0.00	0.00	73.23	0.23	10.35	18.92	83.84	86.68	20-Dec-14 02:00:00	0.23	10.35	18.92	83.84	159.91
20-Dec-14 03:00:00	20-Dec-14 04:00:00	0.35	0.00	0.00	0.00	231.69	2.1	329.7	0.11	0.00	0.00	0.00	76.39	0.23	10.35	18.92	83.84	86.68	20-Dec-14 03:00:00	0.34	10.35	18.92	83.84	163.07
20-Dec-14 04:00:00	20-Dec-14 05:00:00	0.69	0.00	0.00	0.00	210.66	2.1	329.7	0.23	0.00	0.00	0.00	69.45	0.23	10.35	18.92	83.84	86.68	20-Dec-14 04:00:00	0.46	10.35	18.92	83.84	156.13
20-Dec-14 05:00:00	20-Dec-14 06:00:00	0.00	0.00	0.00	0.00	46.96	2.1	329.7	0.00	0.00	0.00	0.00	15.48	0.23	10.35	18.92	83.84	86.68	20-Dec-14 05:00:00	0.23	10.35	18.92	83.84	102.16
20-Dec-14 06:00:00	20-Dec-14 07:00:00	0.00	0.00	0.00	0.00	6.95	2.1	329.7	0.00	0.00	0.00	0.00	2.29	0.23	10.35	18.92	83.84	86.68	20-Dec-14 06:00:00	0.23	10.35	18.92	83.84	88.97
20-Dec-14 07:00:00	20-Dec-14 08:00:00	0.00	0.00	0.00	0.00	42.22	2.1	329.7	0.00	0.00	0.00	0.00	13.92	0.23	10.35	18.92	83.84	86.68	20-Dec-14 07:00:00	0.23	10.35	18.92	83.84	100.60
20-Dec-14 08:00:00	20-Dec-14 09:00:00	0.00	0.00	0.00	0.00	6.48	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	20-Dec-14 08:00:00	0.23	10.35	18.92	83.84	88.74
20-Dec-14 09:00:00	20-Dec-14 10:00:00	0.00	0.00	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	20-Dec-14 09:00:00	0.23	10.35	18.92	83.84	88.85
20-Dec-14 10:00:00	20-Dec-14 11:00:00	0.00	0.00	0.00	0.00	97.90	2.1	329.7	0.00	0.00	0.00	0.00	32.28	0.23	10.35	18.92	83.84	86.68	20-Dec-14 10:00:00	0.23	10.35	18.92	83.84	118.96
20-Dec-14 11:00:00	20-Dec-14 12:00:00	0.00	0.00	0.00	0.00	6.65	2.1	329.7	0.00	0.00	0.00	0.00	2.19	0.23	10.35	18.92	83.84	86.68	20-Dec-14 11:00:00	0.23	10.35	18.92	83.84	88.87
20-Dec-14 12:00:00	20-Dec-14 13:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	20-Dec-14 12:00:00	0.23	10.35	18.92	83.84	88.83
20-Dec-14 13:00:00	20-Dec-14 14:00:00	0.00	0.00	0.00	0.00	6.39	2.1	329.7	0.00	0.00	0.00	0.00	2.11	0.23	10.35	18.92	83.84	86.68	20-Dec-14 13:00:00	0.23	10.35	18.92	83.84	88.79
20-Dec-14 14:00:00	20-Dec-14 15:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	20-Dec-14 14:00:00	0.23	10.35	18.92	83.84	88.75
20-Dec-14 15:00:00	20-Dec-14 16:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	20-Dec-14 15:00:00	0.23	10.35	18.92	83.84	88.75
20-Dec-14 16:00:00	20-Dec-14 17:00:00	0.00	0.00	0.00	0.00	6.29	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	20-Dec-14 16:00:00	0.23	10.35	18.92	83.84	88.75
20-Dec-14 17:00:00	20-Dec-14 18:00:00	0.00	0.00	0.00	0.00	6.31	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	20-Dec-14 17:00:00	0.23	10.35	18.92	83.84	88.76
20-Dec-14 18:00:00	20-Dec-14 19:00:00	0.00	0.00	0.00	0.00	6.25	2.1	329.7	0.00	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	20-Dec-14 18:00:00	0.23	10.35	18.92	83.84	88.74
20-Dec-14 19:00:00	20-Dec-14 20:00:00	0.00	0.00	0.00	0.00	6.17	2.1	329.7	0.00	0.00	0.00	0.00	2.03	0.23	10.35	18.92	83.84	86.68	20-Dec-14 19:00:00	0.23	10.35	18.92	83.84	88.71
20-Dec-14 20:00:00	20-Dec-14 21:00:00	0.51	0.00	0.00	0.00	6.25	2.1	329.7	0.17	0.00	0.00	0.00	2.06	0.23	10.35	18.92	83.84	86.68	20-Dec-14 20:00:00	0.40	10.35	18.92	83.84	88.74
20-Dec-14 21:00:00	20-Dec-14 22:00:00	0.56	0.00	0.00	0.00	6.33	2.1	329.7	0.1															

22-Dec-14 20:00:00	22-Dec-14 21:00:00	0.00	0.00	0.00	0.00	6.61	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	22-Dec-14 20:00:00	0.23	10.35	18.92	83.84	88.86
22-Dec-14 21:00:00	22-Dec-14 22:00:00	0.00	0.00	0.00	0.00	6.60	2.1	329.7	0.00	0.00	0.00	0.00	2.18	0.23	10.35	18.92	83.84	86.68	22-Dec-14 21:00:00	0.23	10.35	18.92	83.84	88.86
22-Dec-14 22:00:00	22-Dec-14 23:00:00	0.00	0.00	0.00	0.00	6.59	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	22-Dec-14 22:00:00	0.23	10.35	18.92	83.84	88.85
22-Dec-14 23:00:00	23-Dec-14 00:00:00	0.00	0.00	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	22-Dec-14 23:00:00	0.23	10.35	18.92	83.84	88.85
23-Dec-14 00:00:00	23-Dec-14 01:00:00	0.00	0.00	0.00	0.00	6.58	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	23-Dec-14 00:00:00	0.23	10.35	18.92	83.84	88.85
23-Dec-14 01:00:00	23-Dec-14 02:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	23-Dec-14 01:00:00	0.23	10.35	18.92	83.84	88.85
23-Dec-14 02:00:00	23-Dec-14 03:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	23-Dec-14 02:00:00	0.23	10.35	18.92	83.84	88.85
23-Dec-14 03:00:00	23-Dec-14 04:00:00	0.00	0.00	0.00	0.00	6.57	2.1	329.7	0.00	0.00	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	23-Dec-14 03:00:00	0.23	10.35	18.92	83.84	88.85
23-Dec-14 04:00:00	23-Dec-14 05:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	23-Dec-14 04:00:00	0.23	10.35	18.92	83.84	88.84
23-Dec-14 05:00:00	23-Dec-14 06:00:00	0.00	0.00	0.00	0.00	6.53	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	23-Dec-14 05:00:00	0.23	10.35	18.92	83.84	88.83
23-Dec-14 06:00:00	23-Dec-14 07:00:00	0.00	0.00	0.00	0.00	6.50	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	23-Dec-14 06:00:00	0.23	10.35	18.92	83.84	88.82
23-Dec-14 07:00:00	23-Dec-14 08:00:00	0.00	0.00	0.00	0.00	247.71	2.1	329.7	0.00	0.00	0.00	0.00	81.67	0.23	10.35	18.92	83.84	86.68	23-Dec-14 07:00:00	0.23	10.35	18.92	83.84	168.35
23-Dec-14 08:00:00	23-Dec-14 09:00:00	0.00	0.00	0.00	0.00	6.30	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	23-Dec-14 08:00:00	0.23	10.35	18.92	83.84	88.76
23-Dec-14 09:00:00	23-Dec-14 10:00:00	0.00	0.00	0.00	0.00	6.27	2.1	329.7	0.00	0.00	0.00	0.00	2.07	0.23	10.35	18.92	83.84	86.68	23-Dec-14 09:00:00	0.23	10.35	18.92	83.84	88.75
23-Dec-14 10:00:00	23-Dec-14 11:00:00	0.00	0.00	0.00	0.00	237.30	6.24	329.7	0.00	0.00	0.00	78.24	2.06	0.23	10.35	18.92	83.84	86.68	23-Dec-14 10:00:00	0.23	10.35	18.92	83.84	162.08
23-Dec-14 11:00:00	23-Dec-14 12:00:00	0.00	0.00	0.00	0.00	203.17	311.77	329.7	0.00	0.00	0.00	66.98	102.79	0.23	10.35	18.92	83.84	86.68	23-Dec-14 11:00:00	0.23	10.35	18.92	83.84	150.82
23-Dec-14 12:00:00	23-Dec-14 13:00:00	0.00	0.00	0.00	0.00	206.24	482.49	329.7	0.00	0.00	0.00	68.00	159.08	0.23	10.35	18.92	83.84	86.68	23-Dec-14 12:00:00	0.23	10.35	18.92	83.84	151.84
23-Dec-14 13:00:00	23-Dec-14 14:00:00	0.00	0.00	0.00	0.00	80.84	376.42	329.7	0.00	0.00	0.00	26.65	124.11	0.23	10.35	18.92	83.84	86.68	23-Dec-14 13:00:00	0.23	10.35	18.92	83.84	110.49
23-Dec-14 14:00:00	23-Dec-14 15:00:00	0.00	0.00	0.00	0.00	136.96	2.1	329.7	0.00	0.00	0.00	45.15	0.23	10.35	18.92	83.84	86.68	23-Dec-14 14:00:00	0.23	10.35	18.92	83.84	131.83	
23-Dec-14 15:00:00	23-Dec-14 16:00:00	0.00	0.00	388.07	0.00	249.03	2.1	329.7	0.00	0.00	127.95	0.00	82.10	0.23	10.35	18.92	83.84	86.68	23-Dec-14 15:00:00	0.23	10.35	146.87	83.84	168.78
23-Dec-14 16:00:00	23-Dec-14 17:00:00	0.00	0.00	0.00	0.00	5.48	2.1	329.7	0.00	0.00	0.00	1.81	0.23	10.35	18.92	83.84	86.68	23-Dec-14 16:00:00	0.23	10.35	18.92	83.84	88.49	
23-Dec-14 17:00:00	23-Dec-14 18:00:00	0.00	0.00	0.00	0.00	5.57	2.1	329.7	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	23-Dec-14 17:00:00	0.23	10.35	18.92	83.84	88.52	
23-Dec-14 18:00:00	23-Dec-14 19:00:00	0.00	0.00	0.00	0.00	5.66	2.1	329.7	0.00	0.00	0.00	1.87	0.23	10.35	18.92	83.84	86.68	23-Dec-14 18:00:00	0.23	10.35	18.92	83.84	88.55	
23-Dec-14 19:00:00	23-Dec-14 20:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	23-Dec-14 19:00:00	0.23	10.35	18.92	83.84	88.58	
23-Dec-14 20:00:00	23-Dec-14 21:00:00	0.42	0.00	0.00	0.00	5.82	2.1	329.7	0.14	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	23-Dec-14 20:00:00	0.37	10.35	18.92	83.84	88.60	
23-Dec-14 21:00:00	23-Dec-14 22:00:00	1.11	0.00	0.00	0.00	5.80	2.1	329.7	0.37	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	23-Dec-14 21:00:00	0.60	10.35	18.92	83.84	88.59	
23-Dec-14 22:00:00	23-Dec-14 23:00:00	0.68	0.00	0.00	0.00	5.79	2.1	329.7	0.22	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	23-Dec-14 22:00:00	0.45	10.35	18.92	83.84	88.59	
23-Dec-14 23:00:00	24-Dec-14 00:00:00	0.00	0.00	0.00	0.00	5.78	2.1	329.7	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	23-Dec-14 23:00:00	0.23	10.35	18.92	83.84	88.58	
24-Dec-14 00:00:00	24-Dec-14 01:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	24-Dec-14 00:00:00	0.23	10.35	18.92	83.84	88.57	
24-Dec-14 01:00:00	24-Dec-14 02:00:00	0.00	0.00	0.00	0.00	5.73	2.1	329.7	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	24-Dec-14 01:00:00	0.23	10.35	18.92	83.84	88.57	
24-Dec-14 02:00:00	24-Dec-14 03:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Dec-14 02:00:00	0.23	10.35	18.92	83.84	88.57	
24-Dec-14 03:00:00	24-Dec-14 04:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Dec-14 03:00:00	0.23	10.35	18.92	83.84	88.56	
24-Dec-14 04:00:00	24-Dec-14 05:00:00	0.00	0.00	0.00	0.00	5.72	2.1	329.7	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	24-Dec-14 04:00:00	0.23	10.35	18.92	83.84	88.57	
24-Dec-14 05:00:00	24-Dec-14 06:00:00	0.00	0.00	0.00	0.00	5.76	2.1	329.7	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	24-Dec-14 05:00:00	0.23	10.35	18.92	83.84	88.58	
24-Dec-14 06:00:00	24-Dec-14 07:00:00	0.00	0.00	0.00	0.00	5.79	2.1	329.7	0.00	0.00	0.00	1.91	0.23	10.35	18.92	83.84	86.68	24-Dec-14 06:00:00	0.23	10.35	18.92	83.84	88.59	
24-Dec-14 07:00:00	24-Dec-14 08:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	24-Dec-14 07:00:00	0.23	10.35	18.92	83.84	88.60	
24-Dec-14 08:00:00	24-Dec-14 09:00:00	0.00	0.00	0.00	0.00	5.83	2.1	329.7	0.00	0.00	0.00	1.92	0.23	10.35	18.92	83.84	86.68	24-Dec-14 08:00:00	0.23	10.35	18.92	83.84	88.60	
24-Dec-14 09:00:00	24-Dec-14 10:00:00	0.00	0.00	0.00	0.00	5.71	2.1	329.7	0.00	0.00	0.00	1.88	0.23	10.35	18.92	83.84	86.68	24-Dec-14 09:00:00	0.23	10.35	18.92	83.84	88.56	
24-Dec-14 10:00:00	24-Dec-14 11:00:00	0.00	0.00	0.00	0.00	5.59	2.1	329.7	0.00	0.00	0.00	1.84	0.23	10.35	18.92	83.84	86.68	24-Dec-14 10:00:00	0.23	10.35	18.92	83.84	88.52	
24-Dec-14 11:00:00	24-Dec-14 12:00:00	0.00	0.00	0.00	0.00	5.47	2.1	329.7	0.00	0.00	0.00	1.80	0.23	10.35	18.92	83.84	86.68	24-Dec-14 11:00:00	0.23	10.35	18.92	83.84	88.48	
24-Dec-14 12:00:00	24-Dec-14 13:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	24-Dec-14 12:00:00	0.23	10.35	18.92	83.84	88.42	
24-Dec-14 13:00:00	24-Dec-14 14:00:00	0.00	0.00	0.00	0.00	5.04	2.1	329.7	0.00	0.00	0.00	1.66	0.23	10.										

30-Dec-14 10:00:00	30-Dec-14 11:00:00	0.00	0.00	0.00	0.00	6.66	2.1	329.7	0.00	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	30-Dec-14 10:00:00	0.23	10.35	18.92	83.84	88.88
30-Dec-14 11:00:00	30-Dec-14 12:00:00	0.00	0.00	0.00	0.00	6.69	2.1	329.7	0.00	0.00	0.00	0.00	2.21	0.23	10.35	18.92	83.84	86.68	30-Dec-14 11:00:00	0.23	10.35	18.92	83.84	88.89
30-Dec-14 12:00:00	30-Dec-14 13:00:00	0.00	0.00	0.00	0.00	6.56	2.1	329.7	0.00	0.00	0.00	0.00	2.16	0.23	10.35	18.92	83.84	86.68	30-Dec-14 12:00:00	0.23	10.35	18.92	83.84	88.84
30-Dec-14 13:00:00	30-Dec-14 14:00:00	0.00	0.00	0.00	0.00	6.52	2.1	329.7	0.00	0.00	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	30-Dec-14 13:00:00	0.23	10.35	18.92	83.84	88.83
30-Dec-14 14:00:00	30-Dec-14 15:00:00	0.00	0.00	0.00	0.00	6.49	2.1	329.7	0.00	0.00	0.00	0.00	2.14	0.23	10.35	18.92	83.84	86.68	30-Dec-14 14:00:00	0.23	10.35	18.92	83.84	88.82
30-Dec-14 15:00:00	30-Dec-14 16:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	30-Dec-14 15:00:00	0.23	10.35	18.92	83.84	88.81
30-Dec-14 16:00:00	30-Dec-14 17:00:00	0.00	0.00	0.00	0.00	6.38	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	30-Dec-14 16:00:00	0.23	10.35	18.92	83.84	88.78
30-Dec-14 17:00:00	30-Dec-14 18:00:00	0.00	0.00	0.00	0.00	6.36	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	30-Dec-14 17:00:00	0.23	10.35	18.92	83.84	88.78
30-Dec-14 18:00:00	30-Dec-14 19:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	30-Dec-14 18:00:00	0.23	10.35	18.92	83.84	88.77
30-Dec-14 19:00:00	30-Dec-14 20:00:00	0.00	0.00	0.00	0.00	6.32	2.1	329.7	0.00	0.00	0.00	0.00	2.08	0.23	10.35	18.92	83.84	86.68	30-Dec-14 19:00:00	0.23	10.35	18.92	83.84	88.76
30-Dec-14 20:00:00	30-Dec-14 21:00:00	0.00	0.00	0.00	0.00	6.34	2.1	329.7	0.00	0.00	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	30-Dec-14 20:00:00	0.23	10.35	18.92	83.84	88.77
30-Dec-14 21:00:00	30-Dec-14 22:00:00	0.00	0.40	0.00	0.00	6.34	2.1	329.7	0.00	0.13	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	30-Dec-14 21:00:00	0.23	10.48	18.92	83.84	88.77
30-Dec-14 22:00:00	30-Dec-14 23:00:00	0.00	1.27	0.00	0.00	6.34	2.1	329.7	0.00	0.42	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	30-Dec-14 22:00:00	0.23	10.77	18.92	83.84	88.77
30-Dec-14 23:00:00	31-Dec-14 00:00:00	0.42	2.14	0.00	0.00	6.34	2.1	329.7	0.14	0.71	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	30-Dec-14 23:00:00	0.37	11.06	18.92	83.84	88.77
31-Dec-14 00:00:00	31-Dec-14 01:00:00	0.00	1.69	0.00	0.00	6.35	2.1	329.7	0.00	0.56	0.00	0.00	2.09	0.23	10.35	18.92	83.84	86.68	31-Dec-14 00:00:00	0.23	10.91	18.92	83.84	88.77
31-Dec-14 01:00:00	31-Dec-14 02:00:00	0.03	0.38	0.00	0.00	6.43	2.1	329.7	0.01	0.13	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	31-Dec-14 01:00:00	0.24	10.48	18.92	83.84	88.80
31-Dec-14 02:00:00	31-Dec-14 03:00:00	1.02	0.25	0.00	0.00	6.51	2.1	329.7	0.34	0.08	0.00	0.00	2.15	0.23	10.35	18.92	83.84	86.68	31-Dec-14 02:00:00	0.57	10.43	18.92	83.84	88.83
31-Dec-14 03:00:00	31-Dec-14 04:00:00	0.00	0.12	0.00	0.00	6.59	2.1	329.7	0.00	0.04	0.00	0.00	2.17	0.23	10.35	18.92	83.84	86.68	31-Dec-14 03:00:00	0.23	10.39	18.92	83.84	88.85
31-Dec-14 04:00:00	31-Dec-14 05:00:00	0.00	0.01	0.00	0.00	6.74	2.1	329.7	0.00	0.00	0.00	0.00	2.22	0.23	10.35	18.92	83.84	86.68	31-Dec-14 04:00:00	0.23	10.35	18.92	83.84	88.90
31-Dec-14 05:00:00	31-Dec-14 06:00:00	0.47	0.00	0.00	0.00	6.75	2.1	329.7	0.15	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	31-Dec-14 05:00:00	0.38	10.35	18.92	83.84	88.91
31-Dec-14 06:00:00	31-Dec-14 07:00:00	0.00	0.00	0.00	0.00	6.75	2.1	329.7	0.00	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	31-Dec-14 06:00:00	0.23	10.35	18.92	83.84	88.91
31-Dec-14 07:00:00	31-Dec-14 08:00:00	0.53	0.00	0.00	0.00	6.75	2.1	329.7	0.18	0.00	0.00	0.00	2.23	0.23	10.35	18.92	83.84	86.68	31-Dec-14 07:00:00	0.41	10.35	18.92	83.84	88.91
31-Dec-14 08:00:00	31-Dec-14 09:00:00	1.09	0.00	0.00	0.00	6.67	2.1	329.7	0.36	0.00	0.00	0.00	2.20	0.23	10.35	18.92	83.84	86.68	31-Dec-14 08:00:00	0.59	10.35	18.92	83.84	88.88
31-Dec-14 09:00:00	31-Dec-14 10:00:00	0.00	0.00	0.00	0.00	6.45	2.1	329.7	0.00	0.00	0.00	0.00	2.13	0.23	10.35	18.92	83.84	86.68	31-Dec-14 09:00:00	0.23	10.35	18.92	83.84	88.81
31-Dec-14 10:00:00	31-Dec-14 11:00:00	0.00	0.00	0.00	0.00	6.22	2.1	329.7	0.00	0.00	0.00	0.00	2.05	0.23	10.35	18.92	83.84	86.68	31-Dec-14 10:00:00	0.23	10.35	18.92	83.84	88.73
31-Dec-14 11:00:00	31-Dec-14 12:00:00	0.00	0.00	0.00	0.00	5.99	2.1	329.7	0.00	0.00	0.00	0.00	1.98	0.23	10.35	18.92	83.84	86.68	31-Dec-14 11:00:00	0.23	10.35	18.92	83.84	88.66
31-Dec-14 12:00:00	31-Dec-14 13:00:00	0.00	0.00	0.00	0.00	5.77	2.1	329.7	0.00	0.00	0.00	0.00	1.90	0.23	10.35	18.92	83.84	86.68	31-Dec-14 12:00:00	0.23	10.35	18.92	83.84	88.58
31-Dec-14 13:00:00	31-Dec-14 14:00:00	0.00	0.00	0.00	0.00	5.54	2.1	329.7	0.00	0.00	0.00	0.00	1.83	0.23	10.35	18.92	83.84	86.68	31-Dec-14 13:00:00	0.23	10.35	18.92	83.84	88.51
31-Dec-14 14:00:00	31-Dec-14 15:00:00	0.00	1.46	0.00	0.00	10.51	2.1	329.7	0.00	0.48	0.00	0.00	3.46	0.23	10.35	18.92	83.84	86.68	31-Dec-14 14:00:00	0.23	10.83	18.92	83.84	90.14
31-Dec-14 15:00:00	31-Dec-14 16:00:00	0.00	0.00	0.00	0.00	5.25	2.1	329.7	0.00	0.00	0.00	0.00	1.73	0.23	10.35	18.92	83.84	86.68	31-Dec-14 15:00:00	0.23	10.35	18.92	83.84	88.41
31-Dec-14 16:00:00	31-Dec-14 17:00:00	0.00	0.00	0.00	0.00	5.28	2.1	329.7	0.00	0.00	0.00	0.00	1.74	0.23	10.35	18.92	83.84	86.68	31-Dec-14 16:00:00	0.23	10.35	18.92	83.84	88.42
31-Dec-14 17:00:00	31-Dec-14 18:00:00	0.00	0.00	0.00	0.00	5.30	2.1	329.7	0.00	0.00	0.00	0.00	1.75	0.23	10.35	18.92	83.84	86.68	31-Dec-14 17:00:00	0.23	10.35	18.92	83.84	88.43
31-Dec-14 18:00:00	31-Dec-14 19:00:00	0.00	0.00	0.00	0.00	43.04	2.1	329.7	0.00	0.00	0.00	0.00	14.19	0.23	10.35	18.92	83.84	86.68	31-Dec-14 18:00:00	0.23	10.35	18.92	83.84	100.87
31-Dec-14 19:00:00	31-Dec-14 20:00:00	0.00	0.00	0.00	0.00	5.63	2.1	329.7	0.00	0.00	0.00	0.00	1.86	0.23	10.35	18.92	83.84	86.68	31-Dec-14 19:00:00	0.23	10.35	18.92	83.84	88.54
31-Dec-14 20:00:00	31-Dec-14 21:00:00	0.00	0.00	0.00	0.00	5.74	2.1	329.7	0.00	0.00	0.00	0.00	1.89	0.23	10.35	18.92	83.84	86.68	31-Dec-14 20:00:00	0.23	10.35	18.92	83.84	88.57
31-Dec-14 21:00:00	31-Dec-14 22:00:00	0.92	0.00	0.00	0.00	7.36	2.1	329.7	0.30	0.00	0.00	0.00	2.43	0.23	10.35	18.92	83.84	86.68	31-Dec-14 21:00:00	0.53	10.35	18.92	83.84	89.11
31-Dec-14 22:00:00	31-Dec-14 23:00:00	0.00	0.00	0.00	0.00	6.37	2.1	329.7	0.00	0.00	0.00	0.00	2.10	0.23	10.35	18.92	83.84	86.68	31-Dec-14 22:00:00	0.23	10.35	18.92	83.84	88.78
31-Dec-14 23:00:00	01-Jan-15 00:00:00	0.81	0.00	0.00	0.00	6.43	2.1	329.7	0.27	0.00	0.00	0.00	2.12	0.23	10.35	18.92	83.84	86.68	31-Dec-14 23:00:00	0.50	10.35	18.92	83.84	88.80