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Electronic Greenhouse Gas Reporting Tool (e-GGRT)



Training Webinar: Overview of New Features for RY2013
Kong Chiu, US EPA
February, 2014

- Overview of the webinar
- Summary of Key RY2013 Changes
 - Regulatory Changes
 - Key Dates (reminder)
 - Change in Global Warming Potentials
 - Cessation / Not-Submitting Options
 - Multi-Year Reporting Forms
 - New Web Forms (F, U, Z, EE, GG, and II)
 - XML Reporting Notes
 - Critical Errors
 - Publication Previews
- Help content and links
- Questions and Answers

- November, 2013 Rule Amendments
 - Fact Sheet:
 - <http://www.epa.gov/ghgreporting/documents/pdf/2013/documents/TC-AR4factsheet.pdf>
 - Detailed Information:
 - <http://epa.gov/ghgreporting/reporters/notices/corrections.html>
 - Applies to RY2013 GHG reports* and forward
 - Revised Global Warming Potentials (AR4)
 - Subpart-specific amendments
 - Most subparts
 - Clarify data reporting requirements
 - Corrects inconsistencies in GHG monitoring, calculation and reporting requirements
 - Amends monitoring and Q/A provisions in certain cases

*except for reporters newly required to report due to GWP change

- **December 31st, 2013:** Reporting Year (RY) 2013 ended
- **January 1st, 2014:** Reporting Year (RY) 2014 began
- **February 17th, 2014:** e-GGRT open for RY2013 data reporting
- **March 31st, 2014:** RY2013 Annual GHG Reports Due

Change in Global Warming Potential

Updated
Features &
Requirements



- Table A-1 Global Warming Potentials (Part 98, Subpart A, General Provisions)
 - Before: IPCC Second Assessment Report values (SAR)
 - New: IPCC Fourth Assessment Report values (AR4)

	RY10-12 Data Submitted In 2011-2013	RY10-12 Data Re-Submitted	RY13 and future Submitted Data
GWP used in officially submitted GHG reports	SAR	SAR	AR4
GWP used in published <u>official</u> GHG reports	SAR	SAR	AR4
GWP used in published FLIGHT data for continuous trend-line	Values adjusted to AR4	Values adjusted to AR4	AR4

e-GGRT SAR and AR4 Comparison Report

Updated Feature!



- e-GGRT Home/Data Reporting/OPEN Facility/Facility or Supplier Overview

[e-GGRT Help](#)

- ▶ [How to add a subpart and report data](#)
- ▶ [General reporting information](#)
- ▶ [How to submit an annual report](#)

Chiu Demo Facility
e-GGRT Greenhouse Gas Data Reporting (2013)
[Select Facility](#) » **Facility or Supplier Overview**

FACILITY OR SUPPLIER OVERVIEW

This page allows you to add the source and/or supplier categories for which your facility or supplier will be reporting, then to access those data reporting screens using the OPEN buttons.

After data reporting is complete, you can initiate the annual report review and submission process from this page by using the SUBMIT button (or RESUBMIT for subsequent submissions if needed).

Facility's GHG Reporting Method: Data entry via e-GGRT web-forms ([Change](#))

REPORT DATA

2013 Reporting Source or Supplier Category	Validation Messages?	Subpart Reporting
Subpart A—General Information	Cannot Submit-View Critical Errors ❌	OPEN
Subpart C—General Stationary Fuel Combustion Sources	Cannot Submit-View Critical Errors ❌	OPEN
Subpart W—Petroleum and Natural Gas Systems	None	OPEN

[+ ADD or REMOVE Subparts](#)

If all subparts are completed and Validation Messages addressed to your satisfaction, you are ready to prepare and submit an Annual Report.

SUBMIT ANNUAL REPORT

Report	Uploaded File Name	Status	Submitted Date	Certification Date
GENERATE / RESUBMIT				

[VIEW REPORTS](#): Annual Report reviewable formats (including public non-CBI versions and trend reports) for all submissions this reporting year can be accessed on the View Reports page.

If you have any questions, please contact the hotline at GHGReporting@epa.gov.

0.0
CO₂ equivalent emissions from facility subparts C-II, SS, and TT (metric tons)

0.0
Biogenic CO₂ emissions from facility subparts C-II, SS, and TT (metric tons)

0.0
CO₂ equivalent emissions from supplier subparts LL-QQ (metric tons)

[VIEW GHG DETAILS](#)

Once you have entered data and "GENERATED" a report you can View the TREND REPORT by clicking here.

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e-GGRT SAR and AR4 Comparison Report (2)

- e-GGRT Home/Data Reporting/OPEN Facility/Facility or Supplier Overview/View Reports

The screenshot displays the EPA e-GGRT interface for the 'Chiu Demo Facility'. The main heading is 'e-GGRT Greenhouse Gas Data Reporting (2013)'. Below this, a list of report options is provided under the heading 'REPORTS AND VIEWS':

- ▷ **Receipt:** View a receipt available for Annual GHG Reports that were submitted to EPA and are "Complete, Certified and Sent."
- ▷ **Full Report:** View the Annual GHG Report submitted to EPA. This report is available in either "human readable" HTML or extensible markup language (XML).
- ▷ **Public:** View the non-CBI version of the Annual GHG Report that will be published on EPA's website at ghgdata.epa.gov and Envirofacts. This report is available in either "human readable" HTML or extensible markup language (XML).
- ▷ **Trend by Gas:** View a detailed comparison of the emissions and supply of each gas for each subpart in this year's Annual Report to last year's certified submission.
- ▷ **Trend by CO₂e:** View a comparison of total emissions and supply in this year's Annual Report to last year's certified submission.

The 'Trend by CO₂e' option is circled in red. Below the list, there are navigation tabs for 'Annual Report', 'Status', 'Receipt', 'Report (HTML)', 'Report (XML)', and 'Trend Report'. Under the 'Trend Report' tab, there are sub-options: 'Full Report | Public', 'Full Report | Public', and 'By CO₂e | By Gas'. A green arrow points to the text 'Individual Reports Listed Here' on the left, and another green arrow points down from the 'Trend Report' column.

e-GGRT SAR and AR4 Comparison Report (3)

NEW

e-GGRT Home/Data Reporting/OPEN Facility/Facility or Supplier Overview/View Reports

	RY2010 v2 (mtons CO2e) Complete, certified and sent	RY2011 v1 (mtons CO2e) Complete, certified and sent	RY2012 v2 (mtons CO2e) Complete, certified and sent	RY2013 v1 (mtons CO2e) Ready for review
AS SUBMITTED (basis)	(SAR)	(SAR)	(SAR)	(AR4)
CO2e from C-II, SS, and TT	124,370,776.0	69,107.1	4,317,271.1	5,300,464.7
CO2e from LL-QQ* **	107,519.9	8,436.0	956.3	0.0
ADJUSTED (basis)	(AR4)	(AR4)	(AR4)	(AR4)
CO2e from C-II, SS, and TT***	158,050,206.0	76,760.2	4,451,342.7	5,300,464.7
CO2e from LL-QQ* **	107,519.9	8,436.0	956.3	0.0

*Negative numbers may result from the quantity of exports exceeding the quantity of imports.

**In some cases the CO2e quantity from a supplier may be Confidential Business Information (CBI) and will not be published.

***Subpart L values are reported in CO2e and therefore cannot be adjusted for reporting years 2011 and 2012.

Basis Definitions:

(SAR) means that the CO2e value was calculated using GWPs in the IPCC Second Assessment Report.

(AR4) means that the CO2e value was calculated using GWPs in the IPCC Fourth Assessment Report.

Leaving or Not-Subject Options

Home/Data Reporting Tab/2013/Open Facility/Facility Overview Page

an Annual Report.

SUBMIT ANNUAL REPORT

Report	Uploaded File Name	Status	Submitted Date	Certification Date

[GENERATE / RESUBMIT](#)

VIEW REPORTS: Annual Report reviewable formats (including public non-CBI versions and trend reports) for all submissions this reporting year can be accessed on the View Reports page.

If you have any questions, please contact the hotline at GHGReporting@epa.gov.

NOTIFICATION TO DISCONTINUE REPORTING FOR 2014

If you will discontinue complying with Part 98 after this reporting year for the following reason(s), you are required to notify EPA by checking the appropriate box(es).

- Cessation of operations:** All applicable GHG-emitting processes and operations ceased to operate in 2013 [98.2(i)(3)]. You discontinued complying with Part 98 monitoring requirements in 2013 when operations ceased, and you intend to discontinue complying with Part 98 reporting requirements after 2013. Note that this notification does not impact your reporting obligation for 2013, and you must resume compliance with Part 98 for any calendar year during which your operations resume.
- Exiting the program:** Reported under 15,000 mtCO₂e/year for 3 consecutive years. [98.2(i)(2)] You discontinued complying with Part 98 monitoring requirements on January 1, 2014, and you intend to discontinue complying with Part 98 reporting requirements after 2013. Note that this notification does not impact your reporting obligation for the 2013, and you must resume compliance with Part 98 if emissions in any future calendar year increase to 25,000 mtCO₂e or more.

NOT SUBMITTING AN ANNUAL REPORT FOR 2013

If you are registered in e-GGRT but not submitting a report for the following reason, you may notify EPA by selecting the radio button.

- Not subject:** This facility/supplier was registered in e-GGRT but has not been subject to Part 98 in any year starting in 2010 [98.2]. This selection indicates that you are not required to comply with Part 98 monitoring or reporting requirement at this time. Note that you must comply with Part 98 if you meet the applicability requirements of the rule in any future calendar year.

(clear all)

[SAVE](#) [CANCEL](#)

NOTE: If you choose one of these 2 options, you still MUST report RY2013 GHG DATA

Multi-Year Reporting: Select Year

Home/Data Reporting Tab/Select Facility Page

Electronic Greenhouse Gas Reporting Tool
Hello, Christopher Bruno | My Profile | Logout

e-GGRT Greenhouse Gas Data Reporting (2012)
Select Facility

ANNUAL GHG DATA REPORTING
You must select a facility to begin using any Data Reporting features, which include: Specifying which subparts the facility will be reporting, entering or updating corporate parent information (subpart A), entering GHG data and viewing validation reports, and lastly, preparing and submitting the Annual Report to EPA.

REPORTING YEAR
2012

FACILITIES REPORTING for 2012

GHGRP ID	Facility or Supplier	Annual Report Status	Facility Overview
513952	Facility 1 (McLean, VA)	Complete, certified and sent	<input type="button" value="OPEN"/>
513988	Manufacturing Facility (McLean, VA)	Not generated	<input type="button" value="OPEN"/>

FACILITIES NOT REPORTING for 2012

GHGRP ID	Facility or Supplier	Not Reporting Reason
----------	----------------------	----------------------

Paperwork Reduction Act Burden Statement | Contact Us
e-GGRT RY2012.R.21 | DR-facility-select

Use This Drop-Down List to **CHANGE** the Reporting Year then click "Go" (Default will be current reporting year or 2013)

- View and download reporting forms, as applicable at:
- <http://www.ccdsupport.com/confluence/display/help/Reporting+Form+Instructions>
- Only certain subparts use downloadable reporting forms:
- E, I, O, R, S, V, W, BB, CC, DD, FF, LL, MM, QQ, OO, SS
- If your subpart is not listed, your data is entered directly into e-GGRT through the web interface.
- **Note: F, U, Z, EE, GG and II forms have been retired**
- Use one form per facility per reporting year.

Multi-Year Reporting Forms (2)

	A	B	C	D	E	F
1	Subpart E - Adipic Acid Production					
2	COMPLETE REQUIRED INFORMATION AND UPLOAD SPREADSHEET TO E-GGRT					
3	Version R.02					
4	Today's date 2/19/2014					
5						
6	Part 1 - Facility Information					
7	Instructions: Complete the following facility information.					
8	Facility Name:					
9	GHGRP ID:					
10	Reporting Period:		2010			
11	Comments:		2011			
12			2012			
13	Annual N ₂ O Emissions from Adipic Acid Production (metric tons, 98.56(a)):		2013			
14	Rounded N ₂ O Emissions from Adipic Acid Production (metric tons):		2014			
15	Annual N ₂ O Emissions from Adipic Acid Production that is Sold or Transferred Offsite (metric tons, 98.56(d)):		2015			
16			2016			
17	Number of Months that a Missing Data Procedure Was Used to Measure Adipic Acid Production (98.56(i)):		2017			
18			0.000			
19	Number of Distinct Abatement Technologies, if Applicable (98.56(e)):					
20	Was Nonselective catalytic reduction (NSCR) used as an abatement technology? (98.56(f)):					
21	Were any "other" abatement technologies used? (98.56(f)):					
22						
23						
24	Are N ₂ O Emissions Estimated Using an Administrator-Approved Alternate Method for One or More Adipic Acid Production Units?					

Use one Form per reporting year and enter the appropriate year under "Reporting Period"

- For Subparts **F, U, Z, EE, GG and II**
 - Aluminum, Miscellaneous Uses of Carbonate, Phosphoric Acid, Titanium Dioxide, Zinc, Industrial Wastewater Treatment
- Reporting Forms (XLS) no longer used
- **Web-form** only for past, present and future reporting
- Web-forms are self-guided and easy to use
- Please refer to **Help Instructions** for additional guidance with the Web-forms:
 - <http://ccdsupport.com/confluence/display/help/Subpart+Reporting+Instructions>

Example: Old XLS Reporting Form Upload

V-Facility 1

Subpart Z: Phosphoric Acid Production (2011)

[Subpart Overview](#)

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart Z requires affected facilities to report carbon dioxide (CO₂) process emissions from each wet-process phosphoric acid process line. If you are subject to other subparts (e.g. Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s) and complete the data reporting requirements of each subpart. To satisfy the Subpart Z reporting requirements you will first download the Subpart Z reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form(s). Finally, you must enter the total amount of Subpart Z emissions, in metric tons, for your entire facility. For additional information about Subpart Z reporting, please use the e-GGRT Help link(s) provided.


Annual mass of CO₂ (metric tons)

 [Subpart Z: View Validation](#)

SUBPART Z SUMMARY INFORMATION FOR THIS FACILITY

1.) DOWNLOAD FORM

[Subpart Z GHG Reporting](#)

2.) UPLOAD COMPLETED FORM

 EPA has finalized a rule that defers the deadline for reporting data elements used as inputs to emission equations for direct emitters. See 76 FR 53057 (published August 25, 2011). In accordance with the rule, e-GGRT is not currently collecting data used as inputs to emission equations. If you choose to report these inputs to EPA through these simplified reporting pages, please note that the inputs may be subject to public release.

Uploaded File Name	Attached By	Date	Delete
No files found.			

3.) ENTER GHG DATA

Annual CO₂ mass emissions (metric tons)

[Facility Overview](#)

- XML Schema is Multi-Year
- Current version of XML Schema available at
 - <http://ccdsupport.com/confluence/display/help/XML+Reporting+Instructions>
- Please use correct, year-specific Global Warming Potentials (GWPs) when calculating CO₂e
 - <http://ccdsupport.com/confluence/display/help/Table+A-1+of+Subpart+A+of+Part+98+-+Global+Warming+Potentials>
- Please note that some data elements apply to RY10-12 only and others apply to RY13 and future years only (refer to XML Reporting Instructions)

Critical Errors



- e-GGRT Home/Data Reporting/OPEN Facility/Facility or Supplier Overview



United States Environmental Protection Agency



Electronic Greenhouse Gas Reporting Tool

HOME

FACILITY REGISTRATION

FACILITY MANAGEMENT

DATA REPORTING

Hello, M Huppert | My Profile | Logout

? e-GGRT Help

- How to add a subpart and report data
- General reporting information
- How to submit an annual report

MLH Resources

e-GGRT Greenhouse Gas Data Reporting (2013)

Select Facility » [Facility or Supplier Overview](#)

FACILITY OR SUPPLIER OVERVIEW

This page allows you to add the source and/or supplier categories for which your facility or supplier will be reporting, then to access those data reporting screens using the OPEN buttons.

After data reporting is complete, you can initiate the annual report review and submission process from this page by using the SUBMIT button (or RESUBMIT for subsequent submissions if needed).

Facility's GHG Reporting Method: Data entry via e-GGRT web-forms ([Change](#))

! The Annual Report has already been prepared. Any changes you make to report data will not be reflected in that version. After making changes to report data you must choose GENERATE/RESUBMIT below, then click GENERATE REPORT for those changes to be included in an updated version of the Annual Report.

2013 Reporting Source or Supplier Category	Validation Messages?	St
Subpart A—General Information	Cannot Submit-View Critical Errors STOP	
Subpart U—Miscellaneous Uses of Carbonate	View Messages	
Subpart Z—Phosphoric Acid Production	View Messages	
Subpart EE—Titanium Dioxide Production	View Messages	
Subpart LL—Suppliers of Coal Based Liquids Fuels	None	

[ADD or REMOVE Subparts](#)

If all subparts are completed and Validation Messages addressed to your satisfaction, you are ready to prepare and submit an Annual Report.

Report	Uploaded File Name	Status	Submitted Date	Certification Date	Action
2013 Annual Report v1		Generated with errors			<div style="display: flex; align-items: center; justify-content: flex-end;"> <div style="margin-right: 10px;"> <input type="button" value="OPEN"/> <input type="button" value="OPEN"/> <input type="button" value="OPEN"/> </div> <input type="button" value="GENERATE / SUBMIT"/> ✘ </div>

NOTE:

The "STOP" sign indicates a Critical Error that must be fixed

Critical Errors (2)

- e-GGRT Home/Data Reporting/OPEN Facility/Facility Overview/Subpart Overview/ **Validation Report**

Chiu Demo Facility
Facility Reporting Information (2013)
Select Facility » Facility or Supplier Overview » Subpart A

SUBPART A – GENERAL INFORMATION
Each facility or supplier, and for each reporting year is required to supply some basic facility level information, including the entering and reporting of relevant NAICS codes and the entering and reporting of all highest-level United States parent companies.

EPA has finalized a rule that defers the deadline for reporting certain data elements used as inputs to emission equations for direct emitters until March 31, 2015. (See 76 FR 53057 (published August 25, 2011). In accordance with the rule, e-GGRT is not currently collecting this subset of inputs to emission equations.

 [Subpart A: View Validation](#)

On each Subpart Page, Click "View Validation" to view Validation Messages

This is what a Subpart Validation Report will look like. Critical errors appear here

MLH Resources

Facility Reporting Information (2013)

[Subpart Overview](#) » [Validation Report](#)

SUBPART VALIDATION REPORT

This report contains a complete set of validation messages at the subpart level. Clicking the message text will redirect you to the screen that contains the field that generated the validation message.

[Print-friendly version](#) 

FACILITY-LEVEL VALIDATION MESSAGES

Validation Type ¹	ID ²	Message ³
No facility-level validation messages found.		

PARENT COMPANY VALIDATION MESSAGES

Validation Type ¹	ID ²	Parent Company Name	Message ³
Data Completeness	A510 		Please identify the highest-level United States parent company as of December 31 of the current reporting year. This data is required.

NAICS CODE VALIDATION MESSAGES

Validation Type ¹	ID ²	NAICS Code	Message ³
Data Completeness	A500 		NAICS code: Please enter a primary NAICS code for the facility. This data element is required.

[← Subpart Overview](#)

 **Critical Validation Error:** Messages that appear with the stop sign icon will prevent you from generating and submitting your annual report. You should first address the errors described. If you feel you have received one of these messages in error, or there's a reason why your report should be submitted despite the message, please [submit a request to the e-GGRT Help Desk](#).

¹ Validation Types: e-GGRT generates a variety of validation types, defined below:

- Data Completeness: data required for reporting is missing or incomplete.
- Data Quality: data is outside of the range of expected values. The value you have provided is outside the EPA estimated range for this data element. Please double check this value and revise, if necessary. If you believe it to be correct, please submit the value as is.
- Screen Error: a data value or combination of data values prevents e-GGRT from continuing to the next page. Typically, this will not appear on the Validation Report, but instead will be displayed on the data entry page at the time the error was created.

Critical Errors may Prevent Submission

e-GGRT Help

Generate and Review Certify and Send Confirmation

MLH Resources
e-GGRT Greenhouse Gas Annual Report Submission (2013)
Select Facility » Facility Overview » **Generate and Review**

PRE-CERTIFICATION PREPARATION
Preparation includes generating then reviewing the Annual Report. When complete, you will be able to proceed to certify and submit the Annual Report.

[Print-friendly version](#)

Report	Status	Last Generated
2013 Annual Report v1	Generated with errors	02/10/2014 5:23:08 PM

GENERATE REPORT

Generating the report may take from 1 to 10 minutes depending upon the volume of data.

Once your facility has generated a report, it is still possible to return to the data reporting screens to make changes. Those changes, however, will not be reflected in your Annual Report until you generate it again.

GENERATE REPORT

STOP Cannot submit until critical validation errors are corrected

Your annual report contains the following validation errors that must be corrected before you can successfully generate and submit. Use the BACK button to return to the Facility or Supplier Overview page. Click the "Submit-View Critical Errors" link for each subpart listed below to review each of the errors. When you have corrected all of the following validation errors, return to this page and click the "GENERATE REPORT" button to proceed with annual report submission and certification.

Subpart	Critical Validation Error ID(s)	
A	A500, A510	View Validation Report

Need help? Visit the [XML Upload Critical Errors](#) help page for additional information about these errors identified in the table below, and for guidance about how to resolve these errors.

BACK

Click Here to view details about this Critical Error

Publication Previews

Now
available
earlier!



- e-GGRT Home/Data Reporting/OPEN Facility/Facility or Supplier Overview/View Reports

The screenshot displays the EPA e-GGRT interface for a facility named 'Chiu Demo Facility'. The page title is 'e-GGRT Greenhouse Gas Data Reporting (2013)'. The navigation menu includes HOME, FACILITY REGISTRATION, FACILITY MANAGEMENT, DATA REPORTING, EPA REPORTS, and HELP DESK. The user is logged in as 'Hello, Kong Chiu'. The main content area is titled 'REPORTS AND VIEWS' and lists several report options:

- Receipt:** View a receipt available for Annual GHG Reports that were submitted to EPA and are "Complete, Certified and Sent."
- Full Report:** View the Annual GHG Report submitted to EPA. This report is available in either "human readable" HTML or extensible markup language (XML).
- Public:** View the non-CBI version of the Annual GHG Report that will be published on EPA's website at ghgdata.epa.gov and Envirofacts. This report is available in either "human readable" HTML or extensible markup language (XML).
- Trend by Gas:** View a detailed comparison of the emissions and supply for each gas for each subpart in this year's Annual Report to last year's certified submission.
- Trend by CO2e:** View a comparison of total emissions and supply for each subpart in this year's Annual Report to last year's certified submission.

Below the list, there are tabs for 'Annual Report', 'Status', 'Receipt', 'Report (HTML)', 'Report (XML)', and 'Trend Report'. Under the 'Report (HTML)' and 'Report (XML)' tabs, there are links for 'Full Report | Public'. A green arrow points to the 'Public' link under the 'Report (HTML)' tab. Another green arrow points to the text 'Individual Reports Listed Here' in a green box on the left side of the page.

- e-GGRT Home/Data Reporting/OPEN Facility/Facility or Supplier Overview/View Reports/HTML/Public

GHG Report Start Date: 2012-01-01
GHG Report End Date: 2012-12-31
Description of Changes to Calculation Methodology:
Part 75 Biogenic Emissions Indication:
Primary NAICS Code: 211111
Second Primary NAICS Code:

Parent Company Details:

Parent Company Name: test
Address: 100 test st., testville, TN 33333
Percent Ownership Interest: 100

Subpart NN: Suppliers of Natural Gas and Natural Gas Liquids

Gas Information Details

Gas Name	Gas Quantity	Own Result?
Carbon Dioxide	27500 (Metric Tons)	

Name	Value	Times Substituted
AnnualVolumeGasReceived	<input type="text" value="0"/>	0
Industry Standard for Volume: ASME standard		

- Note: Feature not available for Subparts E, O, S (CEMS), BB, CC, LL and OO

Finding the Public Report in FLIGHT

- ghgdata.epa.gov

true 9000 ROCKVILLE PIKE BLDG 13
BETHESDA, MD, 20892

Parent Company:
US GOVERNMENT (100%)



Latitude: 39° 00.23' N
Longitude: 77° 05.95' W

FRS Id: 110000869720
NAICS Code: 3812
GHGRP Id: 1006646

[View reported data](#)

Total Facility Emissions in metric tons CO₂e (excluding Biogenic CO₂) 174,518

Emissions by Gas in metric tons CO₂e

Carbon Dioxide (CO ₂)	174,339
Methane (CH ₄)	71
Nitrous Oxide (N ₂ O)	108

Emissions by Source/Process in metric tons CO₂e (excluding Biogenic CO₂)

Stationary Combustion	174,518
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Information on Stationary Combustion

Types of Fuels Used	Distillate Fuel Oil No. 2, Natural Gas
Measurement Methods Used	Mass Balance
Number of equipment groupings	1

Finding Data in Envirofacts

Greenhouse Gas – Summary Subjects	
Facility Information	Address and other location information about the facility.
Gas Summary Information	Contains information on greenhouse gas emissions, detailing the specific types of gas reported by facilities.
Sector Summary Information	Greenhouse gas information displayed by reporting sectors.
Subpart Summary Information	Greenhouse gas information displayed by the subpart a facility reports under.
Greenhouse Gas – Detailed Subpart Subjects **	
General Stationary Fuel Combustion Sources	Identifying the annual greenhouse gas emissions information for a specific fuel type. Reporters are required to specify the name of the GHG (CO2, CH4, N2O) other gas names and the quantity information (as applicable) for each fuel type.
Electricity Generation	Identifying data containing the total annual emissions of each greenhouse gas (GHG) listed in Table A-1 of 40 CFR 98 Mandatory Reporting of Greenhouse Gases reported under this subpart, expressed in metric tons.
Ammonia Manufacturing	Identifying a collection of data elements containing the total annual emissions of each greenhouse gas (GHG) listed in Table A-1 of 40 CFR 98 Mandatory Reporting of Greenhouse Gases reported under this subpart, expressed in metric tons.
Cement Production	Identifying a collection of data elements containing the total annual emissions of each greenhouse gas (GHG) listed in Table A-1 of the Mandatory Reporting of GHGs, Part 98

- BR
- Brownfields/Cleanups
- CERCLIS
- Cleanups
- ECHO/IDEA
- FRS
- ICIS
- ICMS
- Location Search
- Organization Search
- Greenhouse Gas
 - ◊ Customized Search
- ICIS
- ICMS
- Locational Information
 - ◊ Locational Search
- PCS
 - ◊ Customized Search
- RADInfo
- RadNet
 - ◊ Customized Search
- RCRAInfo
- SDWIS
- SRS
- TRI
 - ◊ TRI Explorer
 - ◊ TRI Search

[Home](#)

Welcome to e-GGRT Help

This site contains news, FAQs, help and other information about e-GGRT.

 **e-GGRT News**

[Latest News](#)

- [2010 Greenhouse Gas Data Now Available](#)
- [e-GGRT maintenance outage planned for Saturday Mar 3, 2012](#)
- [e-GGRT Status- Reporting Year 2011 Now Available](#)

[GHG Rulemaking RSS Feed](#)
[e-GGRT RSS Feed](#)

 **Learn about e-GGRT**

- [Registration Instructions](#)
- [Subpart W NOI / BMM Submissions Instructions](#)
- [GHG Reporting Instructions](#)
- [XML Reporting Instructions](#)
- [Outreach and Training](#)

 **Help**

- [About GHG Reporting Program and Part 98](#)
- [Harmonization of EPA's e-GGRT and CARB's Cal e-GGRT](#)
- [FAQs](#)
- [Known Issues](#)
- [Contact Us](#)

[e-GGRT](#) - [Help](#) - [FAQs](#) - [GHGRP](#)

This web site is maintained by a contractor to the U.S. Environmental Protection Agency (RY2011.R.01)

For more information



On the GHG Reporting Program:

<http://www.epa.gov/ghgreporting/index.html>

On using e-GGRT:

<http://www.ccdsupport.com>

Table of all “critical errors”

<http://www.ccdsupport.com/confluence/display/help/Critical+Validation+Checks+for+RY2013>

Contact Us:

<http://www.ccdsupport.com/confluence/display/help/e-GGRT+Help+Desk+Contact+Information>

Help for XML Reporters:

- Table of old/new GWPs (Table A-1)

<http://ccdsupport.com/confluence/display/help/Table+A-1+of+Subpart+A+of+Part+98+-+Global+Warming+Potentials>

- Table of XML Upload “critical” errors

<http://ccdsupport.com/confluence/display/help/XML+Upload+Critical+Errors#>



- RSS web feed/syndication format
- e-GGRT specific updates, may include
 - e-GGRT outages, system status
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2011 Greenhouse Gas Emissions from Large Facilities

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Data Year: 2011 Data Type: Emitters

Find a Facility or Location Search Browse to a State Choose State Filter By Greenhouse Gas Emission Range Data View



Sector	Power Plants	Petroleum and Natural Gas Systems	Refineries	Chemicals	Other	Waste	Metals	Minerals	Pulp and Paper
2011 GHG Emissions (million metric tons CO ₂ e)	2,221	225	182	180	126	103	115	98	44

Questions?