



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 3-3346-00011/00017  
Effective Date: 02/24/2015 Expiration Date: 02/23/2020

Permit Issued To: DANKAMMER ENERGY LLC  
994 RIVER RD  
NEWBURGH, NY 12550

Contact: ED HALL  
994 RIVER RD  
NEWBURGH, NY 12550  
(845) 275-9037

Facility: DANKAMMER GENERATING STATION  
994 RIVER RD  
NEWBURGH, NY 12550

Contact: ED HALL  
994 RIVER RD  
NEWBURGH, NY 12550  
(845) 275-9037

Description:

Danskammer Generating Station is an existing electric generating facility located on the west shore of the Hudson River in the Town of Newburgh, Orange County. The Danskammer facility consists of four fossil fueled generating units. Units 1 and 2 began commercial operation in 1951 and 1954, respectively, and can burn natural gas and oil. Units 3 and 4 began commercial operation in 1959 and 1967, respectively, and can burn natural gas. The total maximum net generating capacity of the four steam turbines is 491 megawatts.

**New York State Department of Environmental Conservation**  
Facility DEC ID: 3334600011



By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator:           CHRISTOPHER M HOGAN  
  625 BROADWAY  
  ALBANY, NY 12233

Authorized Signature: \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_\_\_

**New York State Department of Environmental Conservation**

Permit ID: 3-3346-00011/00017

Facility DEC ID: 3334600011



The Compliance Certification activity will be performed for:

Emission Unit: U-D0004

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 60.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Fuel switching option. The owner/operator of this emission source has committed to burning a cleaner fuel.

Emission limit of 0.12 lb/millionBTU (24-hour average during the ozone season).

Manufacturer Name/Model Number: CEM

Upper Permit Limit: 0.12 pounds per million Btus

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2015.

Subsequent reports are due every 3 calendar month(s).

**Condition 61: Compliance Certification**

Effective between the dates of 02/24/2015 and 02/23/2020

Applicable Federal Requirement: 6 NYCRR 249.3 (a)

**Item 61.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-D0004

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 61.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit of 0.12 lb/millionBTU (30 day average during the non-ozone season).

Manufacturer Name/Model Number: CEM

New York State Department of Environmental Conservation

Permit ID: 3-3346-00011/00017

Facility DEC ID: 3334600011



Upper Permit Limit: 0.12 pounds per million Btus  
Reference Test Method: EPA Approved  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 30-DAY AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 62: Compliance Certification**  
Effective between the dates of 02/24/2015 and 02/23/2020

Applicable Federal Requirement: 6 NYCRR 249.3 (a)

**Item 62.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-D0004

Regulated Contaminant(s):  
CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
Emission limit of 0.09 lb/millionBTU.

Manufacturer Name/Model Number: CEM  
Upper Permit Limit: 0.09 pounds per million Btus  
Reference Test Method: EPA Approved  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 63: Compliance Certification**  
Effective between the dates of 02/24/2015 and 02/23/2020

Applicable Federal Requirement: 6 NYCRR 249.3 (a)

**Item 63.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-D0004

Regulated Contaminant(s):  
CAS No: 0NY075-00-0 PARTICULATES



**New York State Department of Environmental Conservation**

Permit ID: 3-3346-00011/00017

Facility DEC ID: 3334600011



**Item 63.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit of 0.06 lb/millionBTU

The owner or operator of the stationary source to which BART requirements apply must perform an emissions test according to a protocol approved by the department. This protocol must be submitted within six months of the commencement of operation.

Testing methods for particulate matter must quantify the emissions of PM10 and particulate matter less than or equal to 2.5 microns in diameter (PM2.5). Both filterable and condensable particulate matter must be included.

Upper Permit Limit: 0.06 pounds per million Btus

Reference Test Method: method 5, Methods 201/201A/202

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 64: Compliance Certification**

**Effective between the dates of 02/24/2015 and 02/23/2020**

**Applicable Federal Requirement: 6 NYCRR 249.3 (a)**

**Item 64.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-D0004

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit of 0.12 lb/millionBTU (24-hour daily average during the ozone season).

Manufacturer Name/Model Number: CEM

Upper Permit Limit: 0.12 pounds per million Btus

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

**New York State Department of Environmental Conservation**

Permit ID: 3-3346-00011/00017

Facility DEC ID: 3334600011



Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2015.

Subsequent reports are due every 3 calendar month(s).

**Condition 65: Compliance Certification**  
**Effective between the dates of 02/24/2015 and 02/23/2020**

**Applicable Federal Requirement: 6 NYCRR 249.3 (f)**

**Item 65.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-D0004

**Item 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The emission limits in this permit for NO<sub>x</sub>, SO<sub>2</sub>, and/or PM<sub>10</sub> established under Part 249 are based on New York's Best Available Retrofit Technology (BART) Rule (6 NYCRR Part 249), are effective on the date of this permit's issuance, and are state-enforceable. Federal enforceability of these facility-specific requirements is effective on the date on which these emission limits, as submitted to EPA as a revision to New York State's Implementation Plan for Regional Haze, are published in the Federal Register.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2015.

Subsequent reports are due every 3 calendar month(s).