



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6304-00024/00035
Effective Date: 11/15/2012 Expiration Date: 11/14/2017

Permit Issued To: TC RAVENSWOOD LLC
110 TURNPIKE RD STE 203
WESTBOROUGH, MA 01581

Contact: KEN YAGER
RAVENSWOOD GENERATING STATION
38-54 VERNON BLVD
LONG ISLAND CITY, NY 11101
(718) 706-2702

Facility: RAVENSWOOD GENERATING STATION
38-54 VERNON BLVD
QUEENS, NY 11101

Contact: KEN YAGER
RAVENSWOOD GENERATING STATION
38-54 VERNON BLVD
LONG ISLAND CITY, NY 11101
(718) 706-2702

Description:
This facility consists of three (3) steam boiler turbine/generator sets and seventeen (17) simple cycle combustion turbines with a combined nominal rating of 2,288 mw and three (3) emergency generators. Natural gas is the primary fuel for all units, with low-sulfur fuel oil used on a limited basis.

New York State Department of Environmental Conservation
Facility DEC ID: 2630400024



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: JOHN F CRYAN
 NYSDEC
 47-40 21ST ST
 LONG ISLAND CITY, NY 11101-5407

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal -
REGION 2 HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted to the Department for approval.



Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: TC RAVENSWOOD LLC
110 TURNPIKE RD STE 203
WESTBOROUGH, MA 01581

Facility: RAVENSWOOD GENERATING STATION
38-54 VERNON BLVD
QUEENS, NY 11101

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES

Permit Effective Date: 11/15/2012

Permit Expiration Date: 11/14/2017



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 23 6 NYCRR 201-6.5 (c) (3): Compliance Certification
- 24 6 NYCRR 201-6.5 (g): Non Applicable requirements
- 25 6 NYCRR Part 207: Submittal of Episode Action Plans
- 26 6 NYCRR 211.1: Air pollution prohibited
- 27 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 28 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 29 6 NYCRR 225-1.8: Compliance Certification
- 30 6 NYCRR 225-1.8 (d): Sampling, compositing, and analysis of fuel samples
- 31 6 NYCRR 225-2.3 (b): Compliance Certification
- 32 6 NYCRR 225-2.4 (b): Compliance Certification
- 33 6 NYCRR 225-2.4 (b): Compliance Certification
- 34 6 NYCRR 225-2.4 (b): Compliance Certification
- 35 6 NYCRR 225-2.4 (b): Compliance Certification
- 36 6 NYCRR 227-1.3 (a): Compliance Certification
- 37 6 NYCRR 227-1.4 (b): Compliance Certification
- 38 6 NYCRR 243-1.6 (a): Permit Requirements
- 39 6 NYCRR 243-1.6 (b): Monitoring requirements
- 40 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
- 41 6 NYCRR 243-1.6 (d): Excess emission requirements
- 42 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
- 43 6 NYCRR 243-2.1: Authorization and responsibilities of CAIR



designated representative

- 44 6 NYCRR 243-2.4: Certificate of representation
- 45 6 NYCRR 243-8.1: General requirements
- 46 6 NYCRR 243-8.5 (d): Quarterly reports
- 47 6 NYCRR 243-8.5 (e): Compliance certification
- 48 6 NYCRR Subpart 244-1: Compliance Certification
- 49 6 NYCRR Subpart 244-2: Compliance Certification
- 50 6 NYCRR Subpart 244-8: Compliance Certification
- 51 6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions
- 52 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 53 6 NYCRR Subpart 245-8: Compliance Certification
- 54 40CFR 63.6603(a), Subpart ZZZZ: Compliance Certification

Emission Unit Level

- 55 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 56 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 57 6 NYCRR 201-7.2: Emission Unit Permissible Emissions
- 58 6 NYCRR 201-7.2: Process Permissible Emissions
- 59 6 NYCRR 227-1.2 (a) (1): Compliance Certification
- 60 6 NYCRR 227-1.2 (a) (1): Compliance Certification

EU=U-CT201,EP=CT201

- *61 6 NYCRR 201-7.2: Capping Monitoring Condition

EU=U-CT202,EP=CT202

- *62 6 NYCRR 201-7.2: Capping Monitoring Condition

EU=U-CT203,EP=CT203

- *63 6 NYCRR 201-7.2: Capping Monitoring Condition

EU=U-CT204,EP=CT204

- *64 6 NYCRR 201-7.2: Capping Monitoring Condition

EU=U-CT301,EP=CT301

- *65 6 NYCRR 201-7.2: Capping Monitoring Condition

EU=U-CT302,EP=CT302

- *66 6 NYCRR 201-7.2: Capping Monitoring Condition

EU=U-CT303,EP=CT303

- *67 6 NYCRR 201-7.2: Capping Monitoring Condition

EU=U-CT304,EP=CT304

- *68 6 NYCRR 201-7.2: Capping Monitoring Condition



STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 69 ECL 19-0301: Contaminant List
- 70 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 71 6 NYCRR 211.2: Visible Emissions Limited
- 72 6 NYCRR 227-2.5 (b): Compliance Demonstration
- 73 6 NYCRR 242-1.5: CO2 Budget Trading Program - Excess emission requirements
- 74 6 NYCRR 242-1.5: Compliance Demonstration
- 75 6 NYCRR 242-1.5: Compliance Demonstration

Emission Unit Level

EU=U-00010

- 76 6 NYCRR 227-2.6 (a): Compliance Demonstration

EU=U-00010,EP=00010

- 77 6 NYCRR 227-1.4 (a): Compliance Demonstration

EU=U-00020

- 78 6 NYCRR 227-2.6 (a): Compliance Demonstration

EU=U-00020,EP=00020

- 79 6 NYCRR 227-1.4 (a): Compliance Demonstration

EU=U-00030

- 80 6 NYCRR 227-2.6 (a): Compliance Demonstration

EU=U-00030,EP=00030

- 81 6 NYCRR 227-1.4 (a): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.



Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.3 (a) (4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR 201-6.3 (d) (12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR 201-6.5 (a) (2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.5 (a) (3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.5 (a) (5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR 201-6.5 (a) (6)

This permit does not convey any property rights of any sort or any exclusive privilege.



Item I: Severability - 6 NYCRR 201-6.5 (a) (9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR 201-6.5 (g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR 201-6.5 (i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is



three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York



(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (7)

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (c)

Item 3.1:



The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement: 6 NYCRR 201-6.5 (c) (2)

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement: 6 NYCRR 201-6.5 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum



frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A



written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2013.
Subsequent reports are due every 6 calendar month(s).



Condition 6: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement: 6 NYCRR 201-6.5 (e)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2013.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)



Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
 - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
- (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 9.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by



police or other public safety organization.

(i) Prescribed burns performed according to Part 194 of this Title.

(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.

(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.

(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 11: Recycling and Salvage
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air



Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)

Item 13.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (4)

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.



Condition 16: General Condition - Right to Inspect
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (d) (5)

Item 17.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

- (i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (f) (6)

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit



Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 22: Emission Unit Definition

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-00010

Emission Unit Description:

THIS UNIT CONSISTS OF DUAL, TANGENTIALLY FIRED FURNACES COMPRISING A SINGLE BOILER. STEAM FROM THIS BOILER OPERATES A TANDEM TURBINE GENERATOR SET NOMINALLY RATED AT 390 MW. THE FURNACES OPERATE ON NATURAL GAS OR LOW SULFUR #6 RESIDUAL OIL. ON OCCASION, SMALL AMOUNTS OF WASTE FUEL MAY BE FIRED IN CONJUNCTION WITH THE PRIMARY FUEL. ON AN INFREQUENT BASIS, NON-HAZARDOUS BOILER CLEANING SOLUTION MAY BE EVAPORATED IN THIS UNIT IN CONJUNCTION WITH THE PRIMARY FUEL. CLOSE COUPLED OVER-FIRED AIR (CCOFA) COMPARTMENTS HAVE BEEN ADDED TO THE UPPER AND LOWER WINDBOX SECTIONS OF THIS EMISSION UNIT. CCOFA IS A NO_x REDUCTION TECHNOLOGY.

Building(s): GEN STA

Item 22.2:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-00020

Emission Unit Description:

THIS UNIT CONSISTS OF DUAL, TANGENTIALLY FIRED FURNACES COMPRISING A SINGLE BOILER. STEAM FROM THIS BOILER OPERATES A TANDEM TURBINE GENERATOR SET NOMINALLY RATED AT 390 MW. THIS BOILER IS EQUIPPED WITH A



CLOSE-COUPLED-OVERFIRED-AIR (CCOFA) SYSTEM TO REDUCE THE FORMATION OF NITROGEN OXIDES. THE FURNACES OPERATE ON NATURAL GAS OR LOW SULFUR #6 RESIDUAL OIL. ON OCCASION, SMALL AMOUNTS OF WASTE FUEL A MAY BE FIRED IN CONJUNCTION WITH THE PRIMARY FUEL. ON AN INFREQUENT BASIS, NON-HAZARDOUS BOILER CLEANING SOLUTIONS MAY BE EVAPORATED IN THIS UNIT IN CONJUNCTION WITH PRIMARY FUEL.

Building(s): GEN STA

Item 22.3:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-00030

Emission Unit Description:

THIS UNIT CONSISTS OF DUAL BOILERS, EACH HEATED BY DUAL, TANGENTIALLY FIRED FURNACES. STEAM FROM THESE BOILERS OPERATES A TANDEM TURBINE GENERATOR SET NOMINALLY RATED AT 972 MW. THIS UNIT HAS A CLOSE-COUPLED-OVERFIRED-AIR (CCOFA) SYSTEM TO FURTHER REDUCE THE FORMATION OF NITROGEN OXIDES. THE FURNACES OPERATE ON NATURAL GAS OR LOW SULFUR #6 RESIDUAL OIL. ON OCCASION, SMALL AMOUNTS OF WASTE FUEL A MAY BE FIRED IN CONJUNCTION WITH THE PRIMARY FUEL. ON AN INFREQUENT BASIS, NON-HAZARDOUS BOILER CLEANING SOLUTION MAY BE EVAPORATED IN THIS UNIT IN CONJUNCTION WITH THE PRIMARY FUEL.

Building(s): GEN STA

Item 22.4:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT001

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. THIS UNIT IS A "BLACK-START" COMBUSTION TURBINE DESIGNED TO PROVIDE SUFFICIENT POWER TO BRING THE ENTIRE POWER STATION BACK ON-LINE FOLLOWING A CATASTROPHIC SYSTEM COLLAPSE. A DIESEL ENGINE, EMISSION POINT GT0S1, EMISSION UNIT U-CT0S1 IS UTILIZED TO START THIS COMBUSTION TURBINE.

Building(s): GT1



Item 22.5:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT004

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. A DIESEL ENGINE, EMISSION POINT GT0S4, EMISSION UNIT U-CT0S4 IS UTILIZED TO START THIS COMBUSTION TURBINE.

Building(s): CT4

Item 22.6:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT005

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. A DIESEL ENGINE, EMISSION POINT GT0S5, EMISSION UNIT U-CT0S5 IS UTILIZED TO START THIS COMBUSTION TURBINE.

Building(s): CT5

Item 22.7:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT006

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. A DIESEL ENGINE, EMISSION POINT GT0S6, EMISSION UNIT U-CT0S6 IS UTILIZED TO START THIS COMBUSTION TURBINE.

Building(s): CT6

Item 22.8:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT007

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. A DIESEL ENGINE, EMISSION POINT GT0S7, EMISSION UNIT U-CT0S7



IS UTILIZED TO START THIS COMBUSTION
TURBINE.

Building(s): CT7

Item 22.9:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT008

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO
SUPPLY PEAK GENERATION CAPACITY, AS
REQUIRED TO SUPPORT THE NYC ELECTRIC
DISTRIBUTION SYSTEM.

Building(s): CT8

Item 22.10:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT009

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO
SUPPLY PEAK GENERATION CAPACITY, AS
REQUIRED TO SUPPORT THE NYC ELECTRIC
DISTRIBUTION SYSTEM.

Building(s): CT9

Item 22.11:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT010

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO
SUPPLY PEAK GENERATION CAPACITY, AS
REQUIRED TO SUPPORT THE NYC ELECTRIC
DISTRIBUTION SYSTEM.

Building(s): CT10

Item 22.12:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT011

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO
SUPPLY PEAK GENERATION CAPACITY, AS
REQUIRED TO SUPPORT THE NYC ELECTRIC
DISTRIBUTION SYSTEM.

Building(s): CT11

Item 22.13:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT0S1

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Unit Description:

THIS UNIT IS A 430 HP DIESEL ENGINE USED TO START THE "BLACK-START" COMBUSTION TURBINE, DESIGNATED EMISSION UNIT U-CT001. THIS UNIT ONLY OPERATES DURING START-UP OF THE COMBUSTION TURBINE, GENERALLY LESS THAN 15 MINUTES PER EVENT.

Building(s): CT1

Item 22.14:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT0S4

Emission Unit Description:

THIS UNIT IS A 430 HP DIESEL ENGINE USED TO START THE "BLACK-START" COMBUSTION TURBINE, DESIGNATED EMISSION UNIT U-CT004. THIS UNIT ONLY OPERATES DURING START-UP OF THE COMBUSTION TURBINE, GENERALLY LESS THAN 15 MINUTES PER EVENT.

Building(s): CT4

Item 22.15:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT0S5

Emission Unit Description:

THIS UNIT IS A 430 HP DIESEL ENGINE USED TO START THE "BLACK-START" COMBUSTION TURBINE, DESIGNATED EMISSION UNIT U-CT005. THIS UNIT ONLY OPERATES DURING START-UP OF THE COMBUSTION TURBINE, GENERALLY LESS THAN 15 MINUTES PER EVENT.

Building(s): CT5

Item 22.16:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT0S6

Emission Unit Description:

THIS UNIT IS A 430 HP DIESEL ENGINE USED TO START THE "BLACK-START" COMBUSTION TURBINE, DESIGNATED EMISSION UNIT U-CT006. THIS UNIT ONLY OPERATES DURING START-UP OF THE COMBUSTION TURBINE, GENERALLY LESS THAN 15 MINUTES PER EVENT.

Building(s): CT6

Item 22.17:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT0S7



Emission Unit Description:

THIS UNIT IS A 430 HP DIESEL ENGINE USED TO START THE "BLACK-START" COMBUSTION TURBINE, DESIGNATED EMISSION UNIT U-CT007. THIS UNIT ONLY OPERATES DURING START-UP OF THE COMBUSTION TURBINE, GENERALLY LESS THAN 15 MINUTES PER EVENT.

Building(s): CT7

Item 22.18:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT201

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. TWO TURBINE ENGINES DRIVE A SINGLE GENERATOR AND EXHAUST THROUGH A COMMON STACK. Inlet water spray may be utilized for NO_x reduction. Based on stack test results for carbon monoxide, operation of this unit shall be restricted such that the 365 day rolling summation of CO mass emissions shall not exceed that which would have been released during 4,171 (3,672 hr in ozone season plus 499 non-ozone season operation) hours of operation without inlet spray.

Building(s): CT21

Item 22.19:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT202

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. TWO TURBINE ENGINES DRIVE A SINGLE GENERATOR AND EXHAUST THROUGH A COMMON STACK. Inlet water spray may be utilized for NO_x reduction. Based on stack test results for carbon monoxide, operation of this unit shall be restricted such that the 365 day rolling summation of CO mass emissions shall not exceed that which would have been released during 4,171 (3,672 hr in ozone season plus 499 non-ozone season operation) hours of operation without inlet spray.



Building(s): CT22

Item 22.20:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT203

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. TWO TURBINE ENGINES DRIVE A SINGLE GENERATOR AND EXHAUST THROUGH A COMMON STACK. Inlet water spray may be utilized for NO_x reduction. Based on stack test results for carbon monoxide, operation of this unit shall be restricted such that the 365 day rolling summation of CO mass emissions shall not exceed that which would have been released during 4,171 (3,672 hr in ozone season plus 499 non-ozone season operation) hours of operation without inlet spray.

Building(s): CT23

Item 22.21:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT204

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. TWO TURBINE ENGINES DRIVE A SINGLE GENERATOR AND EXHAUST THROUGH A COMMON STACK. Inlet water spray may be utilized for NO_x reduction. Based on stack test results for carbon monoxide, operation of this unit shall be restricted such that the 365 day rolling summation of CO mass emissions shall not exceed that which would have been released during 4,171 (3,672 hr in ozone season plus 499 non-ozone season operation) hours of operation without inlet spray.

Building(s): CT24

Item 22.22:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT301

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS



REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. TWO TURBINE ENGINES DRIVE A SINGLE GENERATOR AND EXHAUST THROUGH A COMMON STACK. Inlet water spray may be utilized for NO_x reduction. Based on stack test results for carbon monoxide, operation of this unit shall be restricted such that the 365 day rolling summation of CO mass emissions shall not exceed that which would have been released during 4,171 (3,672 hr in ozone season plus 499 non-ozone season operation) hours of operation without inlet spray.

Building(s): CT31

Item 22.23:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT302

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. TWO TURBINE ENGINES DRIVE A SINGLE GENERATOR AND EXHAUST THROUGH A COMMON STACK. Inlet water spray may be utilized for NO_x reduction. Based on stack test results for carbon monoxide, operation of this unit shall be restricted such that the 365 day rolling summation of CO mass emissions shall not exceed that which would have been released during 4,171 (3,672 hr in ozone season plus 499 non-ozone season operation) hours of operation without inlet spray.

Building(s): CT32

Item 22.24:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT303

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. TWO TURBINE ENGINES DRIVE A SINGLE GENERATOR AND EXHAUST THROUGH A COMMON STACK. Inlet water spray may be utilized for NO_x reduction. Based on stack test results for carbon monoxide, operation of this unit shall be restricted such that the 365 day rolling summation of



CO mass emissions shall not exceed that which would have been released during 4,171 (3,672 hr in ozone season plus 499 non-ozone season operation) hours of operation without inlet spray.

Building(s): CT33

Item 22.25:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-CT304

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE USED TO SUPPLY PEAK GENERATION CAPACITY, AS REQUIRED TO SUPPORT THE NYC ELECTRIC DISTRIBUTION SYSTEM. TWO TURBINE ENGINES DRIVE A SINGLE GENERATOR AND EXHAUST THROUGH A COMMON STACK. Inlet water spray may be utilized for NO_x reduction. Based on stack test results for carbon monoxide, operation of this unit shall be restricted such that the 365 day rolling summation of CO mass emissions shall not exceed that which would have been released during 4,171 (3,672 hr in ozone season plus 499 non-ozone season operation) hours of operation without inlet spray.

Building(s): CT34

Condition 23: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (c) (3)

Item 23.1:

The Compliance Certification activity will be performed for the Facility.

Item 23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period unless otherwise directed by a specific permit condition. All instances of deviations from permit



requirements must be clearly identified in such reports.
All required reports must be certified by the responsible official for this facility.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 24: Non Applicable requirements
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (g)

Item 24.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

Condition 25: Submittal of Episode Action Plans
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR Part 207



Item 25.1:

An episode action plan must be submitted for approval by the Department in accordance with the requirements of 6NYCRR Part 207. The plan shall contain detailed steps which will be taken by the facility to reduce air contaminant emissions during each stage of an air pollution episode. Once approved, the facility shall take whatever actions are prescribed by the episode action plan when an air pollution episode is in effect.

Condition 26: Air pollution prohibited
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 211.1

Item 26.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 27: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 225-1.2 (a) (2)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any residual oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: MONTHLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 12/30/2012.

Subsequent reports are due every 1 calendar month(s).



Condition 28: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 225-1.2 (a) (2)

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.20 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: MONTHLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 12/30/2012.

Subsequent reports are due every 1 calendar month(s).

Condition 29: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 225-1.8

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a facility which purchases and fires oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. These reports are due sixty (60) days after every 6 calendar months (January - June, July - December).

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 30: Sampling, compositing, and analysis of fuel samples
Effective between the dates of 11/15/2012 and 11/14/2017**

Applicable Federal Requirement:6 NYCRR 225-1.8 (d)

Item 30.1:

All sampling, compositing, and analysis of fuel samples, taken to determine compliance with 6 NYCRR Part 225-1, must be done in accordance with methods acceptable to the commissioner.

**Condition 31: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017**

Applicable Federal Requirement:6 NYCRR 225-2.3 (b)

Item 31.1:

The Compliance Certification activity will be performed for the Facility.

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Each piece of equipment which fires Waste Fuel A shall demonstrate, at a minimum, 99% combustion efficiency.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99.0 percent

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

**Condition 32: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017**

Applicable Federal Requirement:6 NYCRR 225-2.4 (b)

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC



OPERATIONS

Monitoring Description:

Fuel contaminant limitations for lead.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 250.0 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 225-2.4 (b)

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel heat content - minimum required

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: HEAT CONTENT

Lower Permit Limit: 125000.0 British thermal units per gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 225-2.4 (b)

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel contaminant limitations for Polychlorinated Biphenyls.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 49.99 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement: 6 NYCRR 225-2.4 (b)

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel contaminant limitations for total halogens.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 1000.0 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.



Subsequent reports are due every 6 calendar month(s).

Condition 36: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 227-1.3 (a)

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60. Opacity reports are due sixty (60) days after the end of each calendar quarter (January - March, April - June, July - September, October - December). At least once per calendar year, Method 9 observations will be conducted on each combustion turbine by a qualified observer, and be reported semi-annually.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 37: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 227-1.4 (b)

Item 37.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Item 37.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation which utilizes a continuous opacity monitoring system (COMS) shall include the following in their quarterly excess emission reports:

- 1) Magnitude, date, and time of each exceedence;
- 2) For each period of excess emissions, specific identification of the cause and corrective action taken;
- 3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;
- 4) Total time the COMS is required to record data during the reporting period;
- 5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and
- 6) Such other requirements as the Department may deem necessary in order to enforce Article 19 of the Environmental Conservation Law (ECL).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 38: Permit Requirements
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement: 6 NYCRR 243-1.6 (a)

Item 38.1:

The CAIR designated representative of each CAIR NOx Ozone Season source shall:

- (i) submit to the department a complete CAIR permit application under section 243-3.3 in accordance with the deadlines specified in section 243-3.2; and
- (ii) submit in a timely manner any supplemental information that the department determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

The owners and operators of each CAIR NOx Ozone Season source shall have a CAIR permit issued by the department under Subpart 243-3 for the source and operate the source and the unit in compliance with such CAIR permit.

Condition 39: Monitoring requirements



Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 243-1.6 (b)

Item 39.1:

The emissions measurements recorded and reported in accordance with Subpart 243-8 shall be used to determine compliance by each CAIR NOx Ozone Season source with the CAIR NOx Ozone Season emissions limitation under subdivision (c) of this section.

Condition 40: NOx Ozone Season Emission Requirements

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 243-1.6 (c)

Item 40.1:

As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NOx Ozone Season allowances available for compliance deductions for the control period under section 243-6.5(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NOx Ozone Season units at the source, as determined in accordance with Subpart 243-8. The CAIR NOx ozone season is the period beginning May 1 of a calendar year, except as provided in section 243-1.6(c)(2), and ending on September 30 of the same year, inclusive.

A CAIR NOx Ozone Season unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under sections 243-8.1(b)(1), (2), (3), or (7) and for each control period thereafter.

A CAIR NOx Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NOx Ozone Season allowance was allocated.

CAIR NOx Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NOx Ozone Season Allowance Tracking System accounts in accordance with Subparts 243-6, 243-7, and 243-9.

A CAIR NOx Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx Ozone Season Trading Program. No provision of the CAIR NOx Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under section 243-1.5 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

A CAIR NOx Ozone Season allowance does not constitute a property right.

Upon recordation by the Administrator under Subpart 243-6, 243-7, or 243-9, every allocation, transfer, or deduction of a CAIR NOx Ozone Season allowance to or from a CAIR NOx Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

Condition 41: Excess emission requirements



Item 43.1:

Except as provided under section 243-2.2, each CAIR NO_x Ozone Season source, including all CAIR NO_x Ozone Season units at the source, shall have one and only one CAIR designated representative, with regard to all matters under the CAIR NO_x Ozone Season Trading Program concerning the source or any CAIR NO_x Ozone Season unit at the source.

The CAIR designated representative of the CAIR NO_x Ozone Season source shall be selected by an agreement binding on the owners and operators of the source and all CAIR NO_x Ozone Season units at the source and shall act in accordance with the certification statement in section 243-2.4(a)(4)(iv).

Upon receipt by the Administrator of a complete certificate of representation under section 243-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NO_x Ozone Season source represented and each CAIR NO_x Ozone Season unit at the source in all matters pertaining to the CAIR NO_x Ozone Season Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source or unit.

No CAIR permit will be issued, no emissions data reports will be accepted, and no CAIR NO_x Ozone Season Allowance Tracking System account will be established for a CAIR NO_x Ozone Season unit at a source, until the Administrator has received a complete certificate of representation under section 243-2.4 for a CAIR designated representative of the source and the CAIR NO_x Ozone Season units at the source.

Each submission under the CAIR NO_x Ozone Season Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NO_x Ozone Season source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Condition 44: Certificate of representation
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 243-2.4

Item 44.1:

Unless otherwise required by the department or the Administrator, documents of agreement referred to in the certificate of representation shall not be submitted to the department or the Administrator. Neither the department nor the Administrator shall be under any obligation to review or evaluate the sufficiency of such documents, if submitted.

Condition 45: General requirements



Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 45.1:

The owners and operators, and to the extent applicable, the CAIR designated representative, of a CAIR NOx Ozone Season unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in section 243-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR NOx Ozone Season unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 243-1.2. The owner or operator of a unit that is not a CAIR NOx Ozone Season unit but that is monitored under 40 CFR 75.72(b)(2)(ii) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR NOx Ozone Season unit.

'Requirements for installation, certification, and data accounting.' The owner or operator of each CAIR NOx Ozone Season unit shall:

- (1) install all monitoring systems required under this Subpart for monitoring NOx mass emissions and individual unit heat input (including all systems required to monitor NOx emission rate, NOx concentration, stack gas moisture content, stack gas flow rate, CO2 or O2 concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.71 and 40 CFR 75.72);
- (2) successfully complete all certification tests required under section 243-8.2 and meet all other requirements of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraph 243-8.1(a)(1); and
- (3) record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

Condition 46: Quarterly reports

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 243-8.5 (d)

Item 46.1:

The CAIR designated representative shall submit quarterly reports, as follows:

If the CAIR NOx Ozone Season unit is subject to an Acid Rain emissions limitation or a CAIR NOx emissions limitation or if the owner or operator of such unit chooses to report on an annual basis under this Subpart, the CAIR designated representative shall meet the requirements of Subpart H of 40 CFR Part 75 (concerning monitoring of NOx mass emissions) for such unit for the entire year and shall report the NOx mass emissions data and heat input data for such unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with:

- (i) for a unit that commences commercial operation before July 1, 2007, the calendar quarter covering May 1, 2008 through June 30, 2008;



Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Emission Unit: U-CT201

Emission Unit: U-CT202

Emission Unit: U-CT203

Emission Unit: U-CT204

Emission Unit: U-CT301

Emission Unit: U-CT302

Emission Unit: U-CT303

Emission Unit: U-CT304

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- 1) As of midnight of March 1, or midnight of the first business day thereafter if March 1 is not a business day, the owners and operators shall hold, in their compliance account, Clean Air Interstate Rule (CAIR) NO_x allowances available for compliance deductions for the previous control period (January 1 through December 31), in an amount not less than the total tons of nitrogen oxides emissions from all CAIR NO_x units at the source during that control period. A CAIR NO_x allowance shall not be deducted for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated. [244-1.6(c)(1), 244-1.2(b)(5), 244-1.2(b)(36), 244-1.6(c)(3)]
- 2) The owners and operators shall hold in their compliance account, CAIR NO_x allowances available for compliance deductions for the control period starting on the later of January 1, 2009 or the deadline for meeting a CAIR NO_x unit's monitor certification requirements under section 244-8.1(b)(1), (2), or (5) and for each control period thereafter. [244-1.6(c)(2)]
- 3) If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, the owners and operators of the CAIR NO_x



source shall surrender the CAIR NOx allowances required for deduction under 6NYCRR Part 244-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this permit, the Act, and applicable State law. [(244-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR NOx source shall keep on site each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator:
[244-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 244-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 244-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 244-8, provided that to the extent that 6NYCRR Part 244-8 provides for a three year period for recordkeeping, the three year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NOx Annual Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NOx Annual Trading Program.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: MARCH 1

Condition 49: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR Subpart 244-2

Item 49.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:



Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Emission Unit: U-CT201

Emission Unit: U-CT202

Emission Unit: U-CT203

Emission Unit: U-CT204

Emission Unit: U-CT301

Emission Unit: U-CT302

Emission Unit: U-CT303

Emission Unit: U-CT304

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- 1) Each CAIR NOx source shall have one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 244-2.2, with regard to all matters under the CAIR NOx Annual Trading Program. The CAIR designated representative shall be selected by an agreement binding on the owners and operators of the source and act in accordance with the certification statement in 6NYCRR Part 244-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 244-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NOx source represented in all matters pertaining to the CAIR NOx Annual Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source.
- 2) Each submission under the CAIR NOx Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NOx source on



behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: MARCH 1

Condition 50: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR Subpart 244-8

Item 50.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

- Emission Unit: U-00010
- Emission Unit: U-00020
- Emission Unit: U-00030
- Emission Unit: U-CT201
- Emission Unit: U-CT202
- Emission Unit: U-CT203
- Emission Unit: U-CT204
- Emission Unit: U-CT301
- Emission Unit: U-CT302
- Emission Unit: U-CT303
- Emission Unit: U-CT304



Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting NOX emissions

(1) The owners and operators, and to the extent applicable, the CAIR designated representative shall comply with all recordkeeping and reporting requirements in this condition, the applicable recordkeeping and reporting requirements under 40 CFR 75, and the requirements of 6NYCRR Part 244-2.1(e)(1).

(2) The CAIR designated representative shall submit quarterly reports of the the NOx mass emissions data and heat input data for each CAIR NOx unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under 6NYCRR Part 244-8.1(b), unless that quarter is the third or fourth quarter of 2007, in which case reporting shall commence in the quarter covering January 1, 2008 through March 31, 2008.

(3) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.73(f).

(4) For CAIR NOx units that are also subject to an Acid Rain emissions limitation or the CAIR NOx Ozone Season Trading Program, CAIR SO2 Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NOx mass emission data, heat input data, and other information required by this Subpart.

(5) 'Compliance certification.' The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary



responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of 6NYCRR Part 244 and 40 CFR Part 75, including the quality assurance procedures and specifications; and

(ii) for a unit with add-on NO_x emission controls and for all hours where NO_x data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NO_x emissions.

(6) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR part 75, data shall be substituted using the applicable missing data procedures in Subpart D or Subpart H of, or appendix D or appendix E to 40 CFR part 75. [244-8.3(a)]

(7) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under 6NYCRR Part 244-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record NO_x mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b) . Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site. Any fuel flowmeter system, and any excepted NO_x monitoring system under appendix E to 40 CFR part 75, under 6NYCRR Part 244-8.1(a)(1) are subject to the recertification requirements in 40 CFR 75.20(g)(6). [224-8.2(d)(2)



Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 51: CAIR SO2 Trading Program General Provisions
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement: 6 NYCRR Subpart 245-1

Item 51.1:

This Condition applies to:

Emission Unit: U00010

Emission Unit: U00020

Emission Unit: U00030

Item 51.2:

1) As of midnight of March 1, or midnight of the first business day thereafter (if March 1 is not a business day) for a control period, the owners and operators of each Clean Air Interstate Rule (CAIR) SO₂ source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO₂ allowances available for compliance deductions for the control period (January 1 through December 31) not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO₂ units at the source. A CAIR SO₂ allowance shall not be deducted, for compliance with the requirements under paragraph (2) of this section, for a control period in a calendar year before the year for which the CAIR SO₂ allowance was allocated. [(245-1.2(b)(5), 245-1.6(c)(1), 245-1.2(b)(36), 245-1.6(c)(3)]

2) The owners and operators shall hold in their compliance account, CAIR SO₂ allowances available for compliance deductions for the control period starting on the later of January 1, 2010 or the deadline for meeting a CAIR SO₂ unit's monitor certification requirements under section 245-8.1(b)(1), (2), or (5) and for each control period thereafter. [245-1.6(c)(2)]

3) If a CAIR SO₂ source emits sulfur dioxide during any control period in excess of the CAIR SO₂ emissions limitation, the owners and operators of the source shall surrender the CAIR SO₂ allowances required for deduction under 6NYCRR Part 245-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law. [(245-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR SO₂ source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator: [245-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 245-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the



certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 245-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 245-8, provided that to the extent that 6NYCRR Part 245-8 provides for a three-year period for recordkeeping, the three-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO₂ Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR SO₂ Trading Program or to demonstrate compliance with the requirements of the CAIR SO₂ Trading Program.

Condition 52: Designated CAIR Representative
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR Subpart 245-2

Item 52.1:

This Condition applies to:

Emission Unit: U00010

Emission Unit: U00020

Emission Unit: U00030

Item 52.2:

1) Each CAIR SO₂ source shall have one and only one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 245-2.2, with regard to all matters under the CAIR SO₂ Trading Program. The CAIR designated representative of the CAIR SO₂ source shall be selected by an agreement binding on the owners and operators of the source and all CAIR SO₂ units at the source and shall act in accordance with the certification statement in 6NYCRR Part 245-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 245-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR SO₂ source represented and each CAIR SO₂ unit at the source in all matters pertaining to the CAIR SO₂ Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source or unit. [245-2.1(a), (b) & (c)]

(2) Each submission under the CAIR SO₂ Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR SO₂ source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements



and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment." [245-2.1(e)]

Condition 53: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement: 6 NYCRR Subpart 245-8

Item 53.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting SO₂ emissions:

1) The owners and operators, and to the extent applicable, the Clean Air Interstate Rule (CAIR) designated representative, of a CAIR SO₂ unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in Subpart 6 NYCRR Part 245-8 and in 40 CFR Part 75, Subparts F and G. For purposes of complying with such requirements, the definitions in section 245-1.2 and 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR SO₂ unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 245-1.2. The owner or operator of a unit that is not a CAIR SO₂ unit but that is monitored under 40 CFR 75.16(b)(2) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR SO₂ unit. [245-8.1]

2) The owner or operator of each CAIR SO₂ unit shall:
[245-8.1(a)]

(i) install all monitoring systems required under this



Subpart for monitoring SO₂ mass emissions and individual unit heat input (including all systems required to monitor SO₂ concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.11 and 40 CFR 75.16);

(ii) successfully complete all certification tests required under Part 245-8.2 and meet all other requirements of this section and 40 CFR Part 75 applicable to the monitoring systems under this section; and

(iii) record, report, and quality-assure the data from the monitoring systems under paragraph of this section.

3) The owner or operator shall meet the monitoring system certification and other requirements of section 245-8.1(a)(1) and (2) on or before the following dates.

The owner or operator shall record, report, and quality-assure the data from the monitoring systems under section 245-8.1(a)(1) on and after the following dates.
[245-8.1(b)]

(i) For the CAIR SO₂ unit that commences commercial operation before July 1, 2008, by January 1, 2009.

(ii) For the CAIR SO₂ unit that commences commercial operation on or after July 1, 2008, by the later of the following dates: January 1, 2009; or 90 unit operating days or 180 calendar days, whichever occurs first, after the date on which the unit commences commercial operation.

4) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under section 245-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record SO₂ mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b). Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include: replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site. Any fuel flowmeter system under section 245-8.1(a)(1) is



subject to the recertification requirements in 40 CFR 75.20(g)(6). [245-8.2(d)(2)]

5) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable missing data procedures in Subpart D of or appendix D to 40 CFR Part 75. [245-8.3(a)]

6) The CAIR designated representative shall comply with all recordkeeping and reporting requirements in section 245-8.3, the applicable recordkeeping and reporting requirements in Subparts F and G of 40 CFR Part 75, and the requirements of section 245-2.1(e)(1). [245-8.5(a)]

7) The owner or operator of a CAIR SO₂ unit shall comply with requirements of 40 CFR 75.62 for monitoring plans. [245-8.5(b)]

8) The CAIR designated representative shall submit an application to the department within 45 days after completing all initial certification or recertification tests required under section 245-8.2, including the information required under 40 CFR 75.63. [245-8.5(c)]

9) The CAIR designated representative shall submit quarterly reports of the SO₂ mass emissions data and heat input data for each CAIR SO₂ unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with: [245-8.5(d)(1)]

- i) the calendar quarter covering January 1, 2009 through March 31, 2009 for a unit that commences commercial operation before July 1, 2008; or
- ii) for a unit that commences commercial operation on or after July 1, 2008, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 245-8.1(b), unless that quarter is the third or fourth quarter of 2008, in which case reporting shall commence in the quarter covering January 1, 2009 through March 31, 2009.

10) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.64. [245-8.5(d)(2)]



11) For CAIR SO₂ units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x Annual Trading Program, CAIR NO_x Ozone Season Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the SO₂ mass emission data, heat input data, and other information required by this Subpart. [245-8.5(d)(3)]

12) The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that: [245-8.5(e)]

- i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications; and
- ii) for a unit with add-on SO₂ emission controls and for all hours where SO₂ data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate SO₂ emissions.

Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement: 40CFR 63.6603(a), Subpart ZZZZ

Item 54.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-CT0S1

Emission Unit: U-CT0S4

Emission Unit: U-CT0S5

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Unit: U-CT0S6

Emission Unit: U-CT0S7

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing emergency and black start spark ignition stationary RICE located at an area source of HAP emissions must comply with the following maintenance procedures:

- (1) Change oil and filter every 500 hours of operation or annually, whichever comes first,
- (2) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first,
- (3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

****** Emission Unit Level ******

**Condition 55: Emission Point Definition By Emission Unit
Effective between the dates of 11/15/2012 and 11/14/2017**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 55.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00010

Emission Point: 00010

Height (ft.): 499

Diameter (in.): 160

NYTMN (km.): 4512.564

NYTME (km.): 588.955

Building: GEN STA



Item 55.2:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00020

Emission Point: 00020

Height (ft.): 499 Diameter (in.): 162
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: GEN STA

Item 55.3:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00030

Emission Point: 00030

Height (ft.): 499 Diameter (in.): 282
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: GEN STA

Item 55.4:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT001

Emission Point: GT001

Height (ft.): 28 Length (in.): 96 Width (in.): 120
NYTMN (km.): 4512.323 NYTME (km.): 588.933 Building: GT1

Item 55.5:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT004

Emission Point: CT004

Height (ft.): 47 Length (in.): 84 Width (in.): 254
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT4

Item 55.6:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT005

Emission Point: CT005

Height (ft.): 47 Length (in.): 84 Width (in.): 254
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT5

Item 55.7:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT006

Emission Point: CT006



Height (ft.): 47 Length (in.): 84 Width (in.): 254
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT6

Item 55.8:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT007

Emission Point: CT007
Height (ft.): 47 Length (in.): 84 Width (in.): 254
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT7

Item 55.9:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT008

Emission Point: CT008
Height (ft.): 35 Length (in.): 114 Width (in.): 156
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT8

Item 55.10:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT009

Emission Point: CT009
Height (ft.): 35 Length (in.): 114 Width (in.): 156
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT9

Item 55.11:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT010

Emission Point: CT010
Height (ft.): 35 Length (in.): 114 Width (in.): 156
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT10

Item 55.12:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT011

Emission Point: CT011
Height (ft.): 35 Length (in.): 114 Width (in.): 156
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT11

Item 55.13:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT0S1

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Point: GT0S1
Height (ft.): 15 Diameter (in.): 5
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT1

Item 55.14:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT0S4

Emission Point: CT0S4
Height (ft.): 15 Diameter (in.): 5
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT4

Item 55.15:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT0S5

Emission Point: CT0S5
Height (ft.): 15 Diameter (in.): 5
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT5

Item 55.16:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT0S6

Emission Point: CT0S6
Height (ft.): 47 Length (in.): 84 Width (in.): 254
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT6

Item 55.17:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT0S7

Emission Point: CT0S7
Height (ft.): 47 Length (in.): 84 Width (in.): 254
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT7

Item 55.18:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT201

Emission Point: CT201
Height (ft.): 50 Length (in.): 240 Width (in.): 240
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT21

Item 55.19:

The following emission points are included in this permit for the cited Emission Unit:



Emission Unit: U-CT202

Emission Point: CT202
Height (ft.): 50 Length (in.): 240 Width (in.): 240
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT22

Item 55.20:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT203

Emission Point: CT203
Height (ft.): 50 Length (in.): 240 Width (in.): 240
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT23

Item 55.21:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT204

Emission Point: CT204
Height (ft.): 50 Length (in.): 240 Width (in.): 240
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT24

Item 55.22:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT301

Emission Point: CT301
Height (ft.): 50 Length (in.): 240 Width (in.): 240
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT31

Item 55.23:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT302

Emission Point: CT302
Height (ft.): 50 Length (in.): 240 Width (in.): 240
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT32

Item 55.24:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT303

Emission Point: CT303
Height (ft.): 50 Length (in.): 240 Width (in.): 240
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT33



Item 55.25:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-CT304

Emission Point: CT304

Height (ft.): 50 Length (in.): 240 Width (in.): 240
NYTMN (km.): 4512.613 NYTME (km.): 588.961 Building: CT34

Condition 56: Process Definition By Emission Unit
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 56.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00010

Process: P01

Source Classification Code: 1-01-004-04

Process Description:

THIS PROCESS IS THE COMBUSTION OF #6
RESIDUAL OIL IN A TANGENTIALLY FIRED
STEAM-ELECTRIC BOILER. A non-hazardous
additive may be used to improve combustion.

The facility also may use bio-residual fuel
which is equivalent to residual fuel oil in
all respect.

Emission Source/Control: ES10H - Combustion
Design Capacity: 2,102 million Btu per hour

Emission Source/Control: ES10R - Combustion
Design Capacity: 2,102 million Btu per hour

Item 56.2:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00010

Process: P02

Source Classification Code: 1-01-006-04

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A TANGENTIALLY FIRED
STEAM-ELECTRIC BOILER.

Emission Source/Control: ES10H - Combustion
Design Capacity: 2,102 million Btu per hour

Emission Source/Control: ES10R - Combustion
Design Capacity: 2,102 million Btu per hour



Item 56.3:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00010
Process: P03 Source Classification Code: 1-01-013-02
Process Description:
THIS PROCESS IS THE CO-FIRING OF WASTE FUEL A WITH #6 RESIDUAL OIL AND/OR NATURAL GAS IN A TANGENTIALLY FIRED STEAM-ELECTRIC BOILER.

Emission Source/Control: ES10H - Combustion
Design Capacity: 2,102 million Btu per hour

Emission Source/Control: ES10R - Combustion
Design Capacity: 2,102 million Btu per hour

Item 56.4:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00010
Process: P04 Source Classification Code: 5-03-007-01
Process Description:
THIS PROCESS INVOLVES THE INCINERATION OF NON-HAZARDOUS BOILER CHEMICAL CLEANING SOLUTIONS IN A TANGENTIALLY FIRED STEAM-ELECTRIC BOILER.

Emission Source/Control: ES10H - Combustion
Design Capacity: 2,102 million Btu per hour

Emission Source/Control: ES10R - Combustion
Design Capacity: 2,102 million Btu per hour

Item 56.5:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00020
Process: P05 Source Classification Code: 1-01-004-04
Process Description:
THIS PROCESS IS THE COMBUSTION OF #6 RESIDUAL OIL IN A TANGENTIALLY FIRED STEAM-ELECTRIC BOILER. A non-hazardous additive may be used to improve combustion.

Emission Source/Control: ES20H - Combustion
Design Capacity: 2,085 million Btu per hour

Emission Source/Control: ES20R - Combustion
Design Capacity: 2,085 million Btu per hour



Item 56.6:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00020
Process: P06 Source Classification Code: 1-01-006-04
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A TANGENTIALLY FIRED
STEAM-ELECTRIC BOILER.

The facility also may use bio-residual fuel
which is equivalent to residual fuel oil in
all respect.

Emission Source/Control: ES20H - Combustion
Design Capacity: 2,085 million Btu per hour

Emission Source/Control: ES20R - Combustion
Design Capacity: 2,085 million Btu per hour

Item 56.7:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00020
Process: P07 Source Classification Code: 1-01-013-02
Process Description:
THIS PROCESS IS THE CO-FIRING OF WASTE
FUEL A WITH #6 RESIDUAL OIL AND/OR NATURAL
GAS IN A TANGENTIALLY FIRED STEAM-ELECTRIC
BOILER.

Emission Source/Control: ES20H - Combustion
Design Capacity: 2,085 million Btu per hour

Emission Source/Control: ES20R - Combustion
Design Capacity: 2,085 million Btu per hour

Item 56.8:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00020
Process: P08 Source Classification Code: 5-03-007-01
Process Description:
THIS PROCESS INVOLVES THE INCINERATION OF
NON-HAZARDOUS BOILER CHEMICAL CLEANING
SOLUTIONS IN A TANGENTIALLY FIRED
STEAM-ELECTRIC BOILER.

Emission Source/Control: ES20H - Combustion
Design Capacity: 2,085 million Btu per hour

Emission Source/Control: ES20R - Combustion



Design Capacity: 2,085 million Btu per hour

Item 56.9:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00030

Process: P09

Source Classification Code: 1-01-004-04

Process Description:

THIS PROCESS IS THE COMBUSTION OF #6
RESIDUAL OIL IN A TANGENTIALLY FIRED
STEAM-ELECTRIC BOILER. A non-hazardous
additive may be used to improve combustion.

The facility also may use bio-residual fuel
which is equivalent to residual fuel oil in
all respect.

Emission Source/Control: ES30H - Combustion

Design Capacity: 4,689 million Btu per hour

Emission Source/Control: ES30R - Combustion

Design Capacity: 4,689 million Btu per hour

Item 56.10:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00030

Process: P10

Source Classification Code: 1-01-006-04

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A TANGENTIALLY FIRED
STEAM-ELECTRIC BOILER.

Emission Source/Control: ES30H - Combustion

Design Capacity: 4,689 million Btu per hour

Emission Source/Control: ES30R - Combustion

Design Capacity: 4,689 million Btu per hour

Item 56.11:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00030

Process: P11

Source Classification Code: 1-01-013-02

Process Description:

THIS PROCESS IS THE CO-FIRING OF WASTE
FUEL A WITH #6 RESIDUAL OIL AND/OR NATURAL
GAS IN A TANGENTIALLY FIRED STEAM-ELECTRIC
BOILER.

Emission Source/Control: ES30H - Combustion



Design Capacity: 4,689 million Btu per hour

Emission Source/Control: ES30R - Combustion
Design Capacity: 4,689 million Btu per hour

Item 56.12:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00030
Process: P12 Source Classification Code: 5-03-007-01
Process Description:
THIS PROCESS INVOLVES THE INCINERATION OF
NON-HAZARDOUS BOILER CHEMICAL CLEANING
SOLUTIONS IN A TANGENTIALLY FIRED
STEAM-ELECTRIC BOILER.

Emission Source/Control: ES30H - Combustion
Design Capacity: 4,689 million Btu per hour

Emission Source/Control: ES30R - Combustion
Design Capacity: 4,689 million Btu per hour

Item 56.13:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT001
Process: P21 Source Classification Code: 2-01-002-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A COMBUSTION TURBINE.

Emission Source/Control: ES001 - Combustion
Design Capacity: 243 million Btu per hour

Item 56.14:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT004
Process: P24 Source Classification Code: 2-01-009-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCIDES
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES004 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.15:



This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT004
Process: P25 Source Classification Code: 2-01-001-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #2
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCID
E MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES004 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.16:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT004
Process: P26 Source Classification Code: 2-01-002-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A COMBUSTION TURBINE.

Emission Source/Control: ES004 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.17:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT005
Process: P29 Source Classification Code: 2-01-009-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCID
E MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES005 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.18:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT005
Process: P30 Source Classification Code: 2-01-001-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #2

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES005 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.19:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT005
Process: P31 Source Classification Code: 2-01-002-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A COMBUSTION TURBINE.

Emission Source/Control: ES005 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.20:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT006
Process: P34 Source Classification Code: 2-01-009-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES006 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.21:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT006
Process: P35 Source Classification Code: 2-01-001-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING.

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Source/Control: ES006 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.22:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT006
Process: P36 Source Classification Code: 2-01-002-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A COMBUSTION TURBINE.

Emission Source/Control: ES006 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.23:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT007
Process: P39 Source Classification Code: 2-01-009-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCID
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES007 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.24:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT007
Process: P40 Source Classification Code: 2-01-001-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #2
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCID
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES007 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.25:

This permit authorizes the following regulated processes for the cited Emission Unit:



Emission Unit: U-CT007
Process: P41 Source Classification Code: 2-01-002-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A COMBUSTION TURBINE.

Emission Source/Control: ES007 - Combustion
Design Capacity: 235 million Btu per hour

Item 56.26:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT008
Process: P44 Source Classification Code: 2-01-002-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A COMBUSTION TURBINE.

Emission Source/Control: ES008 - Combustion
Design Capacity: 255 million Btu per hour

Item 56.27:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT008
Process: P45 Source Classification Code: 2-01-001-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #2
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCIDES
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES008 - Combustion
Design Capacity: 255 million Btu per hour

Item 56.28:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT008
Process: P46 Source Classification Code: 2-01-009-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCIDES
MAY BE ADDED TO PREVENT FOULING.

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Unit: U-CT010

Process: P50

Source Classification Code: 2-01-002-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A COMBUSTION TURBINE.

Emission Source/Control: ES010 - Combustion

Design Capacity: 255 million Btu per hour

Item 56.33:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT010

Process: P51

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCID
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES010 - Combustion

Design Capacity: 255 million Btu per hour

Item 56.34:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT010

Process: P52

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCID
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES010 - Combustion

Design Capacity: 255 million Btu per hour

Item 56.35:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT011

Process: P53

Source Classification Code: 2-01-002-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A COMBUSTION TURBINE.



Emission Source/Control: ES011 - Combustion
Design Capacity: 255 million Btu per hour

Item 56.36:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT011
Process: P54 Source Classification Code: 2-01-001-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF #2
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCID
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES011 - Combustion
Design Capacity: 255 million Btu per hour

Item 56.37:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT011
Process: P55 Source Classification Code: 2-01-009-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A COMBUSTION TURBINE. IN
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL
IS STORED FOR EXTENDED PERIODS, A BIOCID
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES011 - Combustion
Design Capacity: 255 million Btu per hour

Item 56.38:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S1
Process: P22 Source Classification Code: 2-01-001-02
Process Description:

THIS PROCESS IS THE COMBUSTION OF #2
DISTILLATE OIL IN A DIESEL ENGINE. THIS
ENGINE IS USED TO START THE ASSOCIATED
COMBUSTION TURBINE. DURING EACH START-UP
THE ENGINE OPERATES FOR LESS THAN 15
MINUTES.

Emission Source/Control: ES0S1 - Combustion



Design Capacity: 430 horsepower (mechanical)

Item 56.39:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S1

Process: P23

Source Classification Code: 2-02-009-02

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A DIESEL ENGINE. THIS
ENGINE IS USED TO START THE ASSOCIATED
COMBUSTION TURBINE. DURING EACH START-UP
THE ENGINE OPERATES FOR LESS THAN 15
MINUTES.

Emission Source/Control: ES0S1 - Combustion

Design Capacity: 430 horsepower (mechanical)

Item 56.40:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S4

Process: P27

Source Classification Code: 2-02-001-02

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2
DISTILLATE OIL IN A DIESEL ENGINE. THIS
ENGINE IS USED TO START THE ASSOCIATED
COMBUSTION TURBINE. DURING EACH START-UP
THE ENGINE OPERATES FOR LESS THAN 15
MINUTES.

Emission Source/Control: ES0S4 - Combustion

Design Capacity: 430 horsepower (mechanical)

Item 56.41:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S4

Process: P28

Source Classification Code: 2-02-009-02

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A DIESEL ENGINE. THIS
ENGINE IS USED TO START THE ASSOCIATED
COMBUSTION TURBINE. DURING EACH START-UP
THE ENGINE OPERATES FOR LESS THAN 15
MINUTES.

Emission Source/Control: ES0S4 - Combustion

Design Capacity: 430 horsepower (mechanical)

Item 56.42:

This permit authorizes the following regulated processes for the cited Emission Unit:

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Unit: U-CT0S5

Process: P32

Source Classification Code: 2-02-001-02

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A DIESEL ENGINE. THIS ENGINE IS USED TO START THE ASSOCIATED COMBUSTION TURBINE. DURING EACH START-UP THE ENGINE OPERATES FOR LESS THAN 15 MINUTES.

Emission Source/Control: ES0S5 - Combustion

Design Capacity: 430 horsepower (mechanical)

Item 56.43:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S5

Process: P33

Source Classification Code: 2-02-009-02

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A DIESEL ENGINE. THIS ENGINE IS USED TO START THE ASSOCIATED COMBUSTION TURBINE. DURING EACH START-UP THE ENGINE OPERATES FOR LESS THAN 15 MINUTES.

Emission Source/Control: ES0S5 - Combustion

Design Capacity: 430 horsepower (mechanical)

Item 56.44:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S6

Process: P37

Source Classification Code: 2-02-001-02

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A DIESEL ENGINE. THIS ENGINE IS USED TO START THE ASSOCIATED COMBUSTION TURBINE. DURING EACH START-UP THE ENGINE OPERATES FOR LESS THAN 15 MINUTES.

Emission Source/Control: ES0S6 - Combustion

Design Capacity: 430 horsepower (mechanical)

Item 56.45:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S6

Process: P38

Source Classification Code: 2-02-009-02

Process Description:



THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A DIESEL ENGINE. THIS
ENGINE IS USED TO START THE ASSOCIATED
COMBUSTION TURBINE. DURING EACH START-UP
THE ENGINE OPERATES FOR LESS THAN 15
MINUTES.

Emission Source/Control: ES0S6 - Combustion
Design Capacity: 430 horsepower (mechanical)

Item 56.46:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S7
Process: P42 Source Classification Code: 2-02-001-02
Process Description:

THIS PROCESS IS THE COMBUSTION OF #2
DISTILLATE OIL IN A DIESEL ENGINE. THIS
ENGINE IS USED TO START THE ASSOCIATED
COMBUSTION TURBINE. DURING EACH START-UP
THE ENGINE OPERATES FOR LESS THAN 15
MINUTES.

Emission Source/Control: ES0S7 - Combustion
Design Capacity: 430 horsepower (mechanical)

Item 56.47:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT0S7
Process: P43 Source Classification Code: 2-02-009-02
Process Description:

THIS PROCESS IS THE COMBUSTION OF #1
DISTILLATE OIL IN A DIESEL ENGINE. THIS
ENGINE IS USED TO START THE ASSOCIATED
COMBUSTION TURBINE. DURING EACH START-UP
THE ENGINE OPERATES FOR LESS THAN 15
MINUTES.

Emission Source/Control: ES0S7 - Combustion
Design Capacity: 430 horsepower (mechanical)

Item 56.48:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT201
Process: P56 Source Classification Code: 2-01-002-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN
A COMBUSTION TURBINE. Inlet water spray may be utalized
for NOx reduction, as required. Throughputs listed under
each process are intended to be examples of possible unit

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES21A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES21B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.49:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT201

Process: P57

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES21A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES21B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.50:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT201

Process: P58

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs



listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES21A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES21B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.51:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT202

Process: P59

Source Classification Code: 2-01-002-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A COMBUSTION TURBINE. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES22A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES22B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.52:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT202

Process: P60

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Source/Control: ES22A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES22B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.53:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT202

Process: P61

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES22A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES22B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.54:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT203

Process: P62

Source Classification Code: 2-01-002-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A COMBUSTION TURBINE. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES23A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES23B - Combustion



Design Capacity: 262 million Btu per hour

Item 56.55:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT203

Process: P63

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES23A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES23B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.56:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT203

Process: P64

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES23A - Combustion
Design Capacity: 262 million Btu per hour



Emission Source/Control: ES23B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.57:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT204
Process: P65 Source Classification Code: 2-01-002-01

Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A COMBUSTION TURBINE. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES24A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES24B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.58:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT204
Process: P66 Source Classification Code: 2-01-001-01

Process Description:
THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES24A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES24B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.59:



This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT204
Process: P67 Source Classification Code: 2-01-009-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES24A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES24B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.60:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT301
Process: P68 Source Classification Code: 2-01-002-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A COMBUSTION TURBINE. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES31A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES31B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.61:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT301
Process: P69 Source Classification Code: 2-01-001-01
Process Description:



THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES31A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES31B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.62:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT301
Process: P70 Source Classification Code: 2-01-009-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES31A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES31B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.63:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT302

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Process: P71

Source Classification Code: 2-01-002-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A COMBUSTION TURBINE. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES32A - Combustion

Design Capacity: 262 million Btu per hour

Emission Source/Control: ES32B - Combustion

Design Capacity: 262 million Btu per hour

Item 56.64:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT302

Process: P72

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES32A - Combustion

Design Capacity: 262 million Btu per hour

Emission Source/Control: ES32B - Combustion

Design Capacity: 262 million Btu per hour

Item 56.65:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT302

Process: P73

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE



MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NO_x reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES32A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES32B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.66:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT303

Process: P74

Source Classification Code: 2-01-002-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A COMBUSTION TURBINE. Inlet water spray may be utilized for NO_x reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES33A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES33B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.67:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT303

Process: P75

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NO_x

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES33A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES33B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.68:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT303
Process: P76 Source Classification Code: 2-01-009-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES33A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES33B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.69:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT304
Process: P77 Source Classification Code: 2-01-002-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A COMBUSTION TURBINE. Inlet water spray may be utilized for NOx reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit



portion of this permit.

Emission Source/Control: ES34A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES34B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.70:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT304
Process: P78 Source Classification Code: 2-01-001-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NO_x reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization. Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES34A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES34B - Combustion
Design Capacity: 262 million Btu per hour

Item 56.71:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-CT304
Process: P79 Source Classification Code: 2-01-009-01
Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING. Inlet water spray may be utilized for NO_x reduction, as required. Throughputs listed under each process are intended to be examples of possible unit utilization.

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Actual operation to be in accordance with the emission limitations identified in the Emission Unit portion of this permit.

Emission Source/Control: ES34A - Combustion
Design Capacity: 262 million Btu per hour

Emission Source/Control: ES34B - Combustion
Design Capacity: 262 million Btu per hour

Condition 57: Emission Unit Permissible Emissions
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 57.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-00010

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 391 pounds per hour

2,363,236 pounds per year

Emission Unit: U-00020

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 388 pounds per hour

2,344,686 pounds per year

Emission Unit: U-00030

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 872 pounds per hour

5,272,311 pounds per year

Emission Unit: U-CT001

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 26.7 pounds per hour

234,155 pounds per year

Emission Unit: U-CT004

CAS No: 000630-08-0
Name: CARBON MONOXIDE



PTE(s): 48.4 pounds per hour
424,072 pounds per year

Emission Unit: U-CT005

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 48.4 pounds per hour
424,072 pounds per year

Emission Unit: U-CT006

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 48.4 pounds per hour
424,072 pounds per year

Emission Unit: U-CT007

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 48.4 pounds per hour
424,072 pounds per year

Emission Unit: U-CT008

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 52.5 pounds per hour
460,163 pounds per year

Emission Unit: U-CT009

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 52.5 pounds per hour
460,163 pounds per year

Emission Unit: U-CT010

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 52.5 pounds per hour
460,163 pounds per year

Emission Unit: U-CT011

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 52.5 pounds per hour
460,163 pounds per year

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Unit: U-CT0S1

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 6.3 pounds per hour

249 pounds per year

Emission Unit: U-CT0S4

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 6.3 pounds per hour

249 pounds per year

Emission Unit: U-CT0S5

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 6.3 pounds per hour

249 pounds per year

Emission Unit: U-CT0S6

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 6.3 pounds per hour

249 pounds per year

Emission Unit: U-CT0S7

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 6.3 pounds per hour

249 pounds per year

Emission Unit: U-CT201

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 107.9 pounds per hour

117,443 pounds per year

Emission Unit: U-CT202

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 107.9 pounds per hour

117,443 pounds per year

Emission Unit: U-CT203

CAS No: 000630-08-0



Name: CARBON MONOXIDE
PTE(s): 107.9 pounds per hour
117,443 pounds per year

Emission Unit: U-CT204

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 107.9 pounds per hour
117,443 pounds per year

Emission Unit: U-CT301

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 107.9 pounds per hour
117,443 pounds per year

Emission Unit: U-CT302

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 107.9 pounds per hour
117,443 pounds per year

Emission Unit: U-CT303

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 107.9 pounds per hour
117,443 pounds per year

Emission Unit: U-CT304

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 107.9 pounds per hour
117,443 pounds per year

Condition 58: Process Permissible Emissions
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 58.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-00010 Process: P01

CAS No: 000630-08-0



Name: CARBON MONOXIDE
PTE(s): 145 pounds per hour
1,270,532 pounds per year
Emission Unit: U-00010 Process: P02
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 101 pounds per hour
883,848 pounds per year
Emission Unit: U-00010 Process: P03
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 145 pounds per hour
208,854 pounds per year
Emission Unit: U-00020 Process: P05
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 144 pounds per hour
1,260,559 pounds per year
Emission Unit: U-00020 Process: P06
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 100 pounds per hour
876,000 pounds per year
Emission Unit: U-00020 Process: P07
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 144 pounds per hour
207,215 pounds per year
Emission Unit: U-00030 Process: P09
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 324 pounds per hour
2,834,521 pounds per year
Emission Unit: U-00030 Process: P10
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 225 pounds per hour
1,971,841 pounds per year

New York State Department of Environmental Conservation
Permit ID: 2-6304-00024/00035 Facility DEC ID: 2630400024



Emission Unit:	U-00030	Process:	P11
	CAS No: 000630-08-0		
	Name: CARBON MONOXIDE		
	PTE(s): 324 pounds per hour		465,948 pounds per year
Emission Unit:	U-CT001	Process:	P21
	CAS No: 000630-08-0		
	Name: CARBON MONOXIDE		
	PTE(s): 26.7 pounds per hour		234,155 pounds per year
Emission Unit:	U-CT004	Process:	P24
	CAS No: 000630-08-0		
	Name: CARBON MONOXIDE		
	PTE(s): 11.3 pounds per hour		98,813 pounds per year
Emission Unit:	U-CT004	Process:	P25
	CAS No: 000630-08-0		
	Name: CARBON MONOXIDE		
	PTE(s): 11.3 pounds per hour		98,813 pounds per year
Emission Unit:	U-CT004	Process:	P26
	CAS No: 000630-08-0		
	Name: CARBON MONOXIDE		
	PTE(s): 25.8 pounds per hour		226,446 pounds per year
Emission Unit:	U-CT005	Process:	P29
	CAS No: 000630-08-0		
	Name: CARBON MONOXIDE		
	PTE(s): 11.3 pounds per hour		98,813 pounds per year
Emission Unit:	U-CT005	Process:	P30
	CAS No: 000630-08-0		
	Name: CARBON MONOXIDE		
	PTE(s): 11.3 pounds per hour		98,813 pounds per year
Emission Unit:	U-CT005	Process:	P31



CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.8 pounds per hour
226,446 pounds per year
Emission Unit: U-CT006 Process: P34

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 11.3 pounds per hour
98,813 pounds per year
Emission Unit: U-CT006 Process: P35

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 11.3 pounds per hour
98,813 pounds per year
Emission Unit: U-CT006 Process: P36

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.8 pounds per hour
226,446 pounds per year
Emission Unit: U-CT007 Process: P39

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 11.3 pounds per hour
98,813 pounds per year
Emission Unit: U-CT007 Process: P40

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 11.3 pounds per hour
98,813 pounds per year
Emission Unit: U-CT007 Process: P41

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.8 pounds per hour
226,446 pounds per year
Emission Unit: U-CT008 Process: P44

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 28 pounds per hour

New York State Department of Environmental Conservation
Permit ID: 2-6304-00024/00035 Facility DEC ID: 2630400024



			245,718 pounds per year
Emission Unit:	U-CT008	Process:	P45
	CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 12.2 pounds per hour		
			107,222 pounds per year
Emission Unit:	U-CT008	Process:	P46
	CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 12.2 pounds per hour		
			107,222 pounds per year
Emission Unit:	U-CT009	Process:	P47
	CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 28 pounds per hour		
			245,718 pounds per year
Emission Unit:	U-CT009	Process:	P48
	CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 12.2 pounds per hour		
			107,222 pounds per year
Emission Unit:	U-CT009	Process:	P49
	CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 12.2 pounds per hour		
			107,222 pounds per year
Emission Unit:	U-CT010	Process:	P50
	CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 28 pounds per hour		
			245,718 pounds per year
Emission Unit:	U-CT010	Process:	P51
	CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 12.2 pounds per hour		
			107,222 pounds per year
Emission Unit:	U-CT010	Process:	P52



CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 12.2 pounds per hour
107,222 pounds per year
Emission Unit: U-CT011 Process: P53

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 28 pounds per hour
245,718 pounds per year
Emission Unit: U-CT011 Process: P54

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 12.2 pounds per hour
107,222 pounds per year
Emission Unit: U-CT011 Process: P55

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 12.2 pounds per hour
107,222 pounds per year
Emission Unit: U-CT0S1 Process: P22

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
12.5 pounds per year
Emission Unit: U-CT0S1 Process: P23

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
125 pounds per year
Emission Unit: U-CT0S4 Process: P27

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
125 pounds per year
Emission Unit: U-CT0S4 Process: P28

CAS No: 000630-08-0
Name: CARBON MONOXIDE



PTE(s): 3.1 pounds per hour
125 pounds per year

Emission Unit: U-CT0S5 Process: P32

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
125 pounds per year

Emission Unit: U-CT0S5 Process: P33

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
125 pounds per year

Emission Unit: U-CT0S6 Process: P37

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
125 pounds per year

Emission Unit: U-CT0S6 Process: P38

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
125 pounds per year

Emission Unit: U-CT0S7 Process: P42

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
125 pounds per year

Emission Unit: U-CT0S7 Process: P43

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 3.1 pounds per hour
125 pounds per year

Emission Unit: U-CT201 Process: P56

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 57.6 pounds per hour
62,712 pounds per year

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Unit: U-CT201 Process: P57

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour

27,365 pounds per year

Emission Unit: U-CT201 Process: P58

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour

27,365 pounds per year

Emission Unit: U-CT202 Process: P59

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 57.6 pounds per hour

62,712 pounds per year

Emission Unit: U-CT202 Process: P60

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour

27,365 pounds per year

Emission Unit: U-CT202 Process: P61

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour

37,365 pounds per year

Emission Unit: U-CT203 Process: P62

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 57.6 pounds per hour

62,712 pounds per year

Emission Unit: U-CT203 Process: P63

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour

27,365 pounds per year

Emission Unit: U-CT203 Process: P64

CAS No: 000630-08-0



Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour 27,365 pounds per year
Emission Unit: U-CT204 Process: P65
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 57.6 pounds per hour 62,712 pounds per year
Emission Unit: U-CT204 Process: P66
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour 27,365 pounds per year
Emission Unit: U-CT204 Process: P67
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour 27,365 pounds per year
Emission Unit: U-CT301 Process: P68
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 57.6 pounds per hour 62,712 pounds per year
Emission Unit: U-CT301 Process: P69
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour 27,365 pounds per year
Emission Unit: U-CT301 Process: P70
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour 27,365 pounds per year
Emission Unit: U-CT302 Process: P71
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 57.6 pounds per hour 62,712 pounds per year

New York State Department of Environmental Conservation
Permit ID: 2-6304-00024/00035 Facility DEC ID: 2630400024



Emission Unit: U-CT302 Process: P72
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour
23,365 pounds per year

Emission Unit: U-CT302 Process: P73
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour
27,365 pounds per year

Emission Unit: U-CT303 Process: P74
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 57.6 pounds per hour
62,712 pounds per year

Emission Unit: U-CT303 Process: P75
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour
27,365 pounds per year

Emission Unit: U-CT303 Process: P76
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour
27,365 pounds per year

Emission Unit: U-CT304 Process: P77
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 57.6 pounds per hour
62,712 pounds per year

Emission Unit: U-CT304 Process: P78
CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 25.2 pounds per hour
27,365 pounds per year

Emission Unit: U-CT304 Process: P79

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 25.2 pounds per hour

27,365 pounds per year

Condition 59: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 227-1.2 (a) (1)

Item 59.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for singular boilers or multiple boilers ducted through a common stack, which fire liquid fuels, and that have a heat capacity exceeding 250 mmBtu/hr.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 12 calendar month(s).

Condition 60: Compliance Certification
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 227-1.2 (a) (1)

Item 60.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-CT008

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Unit: U-CT009

Emission Unit: U-CT010

Emission Unit: U-CT011

Emission Unit: U-CT201

Emission Unit: U-CT202

Emission Unit: U-CT203

Emission Unit: U-CT204

Emission Unit: U-CT301

Emission Unit: U-CT302

Emission Unit: U-CT303

Emission Unit: U-CT304

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for singular gas turbines or multiple gas turbines ducted through a common stack, which fire liquid fuels, and that have a heat capacity exceeding 250 mmBtu/hr.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.1 pounds per million Btus

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 12 calendar month(s).

Condition 61: Capping Monitoring Condition

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 61.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 61.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 61.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 61.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 61.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 61.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-CT201

Emission Point: CT201

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 61.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Emission Unit operates with an air inlet water spray system which reduces the emissions of oxides of nitrogen but increases the emissions of carbon monoxide. In order to cap out of the requirements of 6 NYCRR Part 231-2 for carbon monoxide, the Emission Unit will be limited to 3,463 hours of operation during any rolling 365 day period. The operational status of the Emission Unit is continuously monitored. Each hour, or portion of hour,

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Emission Unit: U-CT202

Emission Point: CT202

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 62.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Emission Unit operates with an air inlet water spray system which reduces the emissions of oxides of nitrogen but increases the emissions of carbon monoxide. In order to cap out of the requirements of 6 NYCRR Part 231-2 for carbon monoxide, the Emission Unit will be limited to 3,463 hours of operation during any rolling 365 day period. The operational status of the Emission Unit is continuously monitored. Each hour, or portion of hour, during which the Unit is in operation is automatically recorded in an electronic database, which will be available for inspection. The 365 day rolling total hours of operation report is prepared from this database and will be forwarded to the Department by 60 days following the end of each quarter. The operation of the spray system is on an as needed basis.

Monitoring Frequency: HOURLY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 63: Capping Monitoring Condition

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 63.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 63.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 63.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart,

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 63.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 63.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 63.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-CT203

Emission Point: CT203

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 63.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Emission Unit operates with an air inlet water spray system which reduces the emissions of oxides of nitrogen but increases the emissions of carbon monoxide. In order to cap out of the requirements of 6 NYCRR Part 231-2 for carbon monoxide, the Emission Unit will be limited to 3,463 hours of operation during any rolling 365 day period. The operational status of the Emission Unit is continuously monitored. Each hour, or portion of hour, during which the Unit is in operation is automatically recorded in an electronic database, which will be available for inspection. The 365 day rolling total hours of operation report is prepared from this database and will be forwarded to the Department within 60 days following the end of each quarter. The operation of the spray system is on an as needed basis.

Monitoring Frequency: HOURLY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64:

Capping Monitoring Condition

Effective between the dates of 11/15/2012 and 11/14/2017



Applicable Federal Requirement:6 NYCRR 201-7.2

Item 64.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 64.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 64.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 64.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 64.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 64.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-CT204

Emission Point: CT204

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 64.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Emission Unit operates with an air inlet water spray system which reduces the emissions of oxides of nitrogen but increases the emissions of carbon monoxide. In order



to cap out of the requirements of 6 NYCRR Part 231-2 for carbon monoxide, the Emission Unit will be limited to 3,463 hours of operation during any rolling 365 day period. The operational status of the Emission Unit is continuously monitored. Each hour, or portion of hour, during which the Unit is in operation is automatically recorded in an electronic database, which will be available for inspection. The 365 day rolling total hours of operation report is prepared from this database and will be forwarded to the Department within 60 days following the end of each quarter. The operation of the spray system is on an as needed basis.

Monitoring Frequency: HOURLY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 65: Capping Monitoring Condition
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 65.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 65.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 65.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 65.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 65.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



the Act.

Item 65.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-CT301

Emission Point: CT301

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 65.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Emission Unit operates with an air inlet water spray system which reduces the emissions of oxides of nitrogen but increases the emissions of carbon monoxide. In order to cap out of the requirements of 6 NYCRR Part 231-2 for carbon monoxide, the Emission Unit will be limited to 3,463 hours of operation during any rolling 365 day period. The operational status of the Emission Unit is continuously monitored. Each hour, or portion of hour, during which the Unit is in operation is automatically recorded in an electronic database, which will be available for inspection. The 365 day rolling total hours of operation report is prepared from this database and will be forwarded to the Department within 60 days following the end of each quarter. The operation of the spray system is on an as needed basis.

Monitoring Frequency: HOURLY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 66: Capping Monitoring Condition

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 66.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 66.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.



Item 66.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 66.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 66.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 66.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-CT302

Emission Point: CT302

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 66.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Emission Unit operates with an air inlet water spray system which reduces the emissions of oxides of nitrogen but increases the emissions of carbon monoxide. In order to cap out of the requirements of 6 NYCRR Part 231-2 for carbon monoxide, the Emission Unit will be limited to 3,463 hours of operation during any rolling 365 day period. The operational status of the Emission Unit is continuously monitored. Each hour, or portion of hour, during which the Unit is in operation is automatically recorded in an electronic database, which will be available for inspection. The 365 day rolling total hours of operation report is prepared from this database and will be forwarded to the Department within 60 days following the end of each quarter. The operation of the spray system is on an as needed basis.

Monitoring Frequency: HOURLY



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Emission Unit operates with an air inlet water spray system which reduces the emissions of oxides of nitrogen but increases the emissions of carbon monoxide. In order to cap out of the requirements of 6 NYCRR Part 231-2 for carbon monoxide, the Emission Unit will be limited to 3,463 hours of operation during any rolling 365 day period. The operational status of the Emission Unit is continuously monitored. Each hour, or portion of hour, during which the Unit is in operation is automatically recorded in an electronic database, which will be available for inspection. The 365 day rolling total hours of operation report is prepared from this database and will be forwarded to the Department within 60 days following the end of each quarter. The operation of the spray system is on an as needed basis.

Monitoring Frequency: HOURLY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 68: Capping Monitoring Condition
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 68.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 68.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 68.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 68.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



applicable requirement.

Item 68.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 68.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-CT304

Emission Point: CT304

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 68.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Emission Unit operates with an air inlet water spray system which reduces the emissions of oxides of nitrogen but increases the emissions of carbon monoxide. In order to cap out of the requirements of 6 NYCRR Part 231-2 for carbon monoxide, the Emission Unit will be limited to 3,463 hours of operation during any rolling 365 day period. The operational status of the Emission Unit is continuously monitored. Each hour, or portion of hour, during which the Unit is in operation is automatically recorded in an electronic database, which will be available for inspection. The 365 day rolling total hours of operation report is prepared from this database and will be forwarded to the Department within 60 days following the end of each quarter. The operation of the spray system is on an as needed basis.

Monitoring Frequency: HOURLY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 69: Contaminant List
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:ECL 19-0301

Item 69.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0
Name: CARBON MONOXIDE

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 71: Visible Emissions Limited
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:6 NYCRR 211.2

Item 71.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 72: Compliance Demonstration
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:6 NYCRR 227-2.5 (b)

Item 72.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 72.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

By January 1, 2014, the Facility will comply with the latest approved NOx RACT system wide averaging plan dated December 5, 2011.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 73: CO2 Budget Trading Program - Excess emission requirements
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:6 NYCRR 242-1.5



Item 73.1:

This Condition applies to:

Emission Unit: U00010

Emission Unit: U00020

Emission Unit: U00030

Emission Unit: UCT201

Emission Unit: UCT202

Emission Unit: UCT203

Emission Unit: UCT204

Emission Unit: UCT301

Emission Unit: UCT302

Emission Unit: UCT303

Emission Unit: UCT304

Item 73.2:

The owners and operators of a CO₂ budget source that has excess emissions in any control period shall:

- (1) forfeit the CO₂ allowances required for deduction under 6 NYCRR Part 242-6.5(d)(1), provided CO₂ offset allowances may not be used to cover any part of such excess emissions; and
- (2) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR Part 242-6.5(d)(2).

Condition 74: Compliance Demonstration
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement: 6 NYCRR 242-1.5

Item 74.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Emission Unit: U-CT201



Emission Unit: U-CT202

Emission Unit: U-CT203

Emission Unit: U-CT204

Emission Unit: U-CT301

Emission Unit: U-CT302

Emission Unit: U-CT303

Emission Unit: U-CT304

Item 74.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators and, to the extent applicable, the CO₂ authorized account representative of each CO₂ budget source and each CO₂ budget unit at the source shall comply with the monitoring requirements of Subpart 242-8. The emissions measurements recorded and reported in accordance with Subpart 242-8 of this Part shall be used to determine compliance by the unit with the following CO₂ requirements:

- (1) The owners and operators of each CO₂ budget source and each CO₂ budget unit at the source shall hold CO₂ allowances available for compliance deductions under Section 242-6.5, as of the CO₂ allowance transfer deadline, in the source's compliance account in an amount not less than the total CO₂ emissions for the control period from all CO₂ budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.
- (2) Each ton of CO₂ emitted in excess of the CO₂ budget emissions limitation shall constitute a separate violation of this Part and applicable state law.
- (3) A CO₂ budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1, 2009 or the date on which the unit commences operation.
- (4) CO₂ allowances shall be held in, deducted from, or transferred among CO₂ Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.



(5) A CO2 allowance shall not be deducted, in order to comply with the requirements specified in item 1, for a control period that ends prior to the allocation year for which the CO2 allowance was allocated. A CO2 offset allowance shall not be deducted, in order to comply with the requirements under item 1, beyond the applicable percent limitations set out in 6NYCRR Part 242-6.5(a)(3).

(6) A CO2 allowance under the CO2 Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO2 in accordance with the CO2 Budget Trading Program. No provision of the CO2 Budget Trading Program, the CO2 budget permit application, or the CO2 budget permit or any provision of law shall be construed to limit the authority of the Department or a participating state to terminate or limit such authorization.

(7) A CO2 allowance under the CO2 Budget Trading Program does not constitute a property right.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 75: Compliance Demonstration
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement: 6 NYCRR 242-1.5

Item 75.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Emission Unit: U-CT201

Emission Unit: U-CT202

Emission Unit: U-CT203

Emission Unit: U-CT204



Emission Unit: U-CT301

Emission Unit: U-CT302

Emission Unit: U-CT303

Emission Unit: U-CT304

Item 75.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO2 budget source and each CO2 budget unit at the source shall keep on site at the source each of the following documents for a period of 10 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 10 years, in writing by the department.

(i) The account certificate of representation for the CO2 authorized account representative for the source and each CO2 budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR Part 242-2.4, provided that the certificate and documents shall be retained on site at the source beyond such 10-year period until such documents are superseded because of the submission of a new account certificate of representation.

(ii) All emissions monitoring information, in accordance with Subpart 242-8 and 40 CFR 75.57.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CO2 Budget Trading Program.

(iv) Copies of all documents used to complete a CO2 budget permit application and any other submission under the CO2 Budget Trading Program or to demonstrate compliance with the requirements of the CO2 Budget Trading Program.

The CO2 authorized account representative of a CO2 budget source and each CO2 budget unit at the source shall submit the reports and compliance certifications required under the CO2 Budget Trading Program, including those under Subpart 242-4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 4/30/2013.
Subsequent reports are due every 6 calendar month(s).

****** Emission Unit Level ******

Condition 76: Compliance Demonstration
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:6 NYCRR 227-2.6 (a)

Item 76.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00010

Regulated Contaminant(s):

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

Item 76.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOx emissions must be measured with a CEMS as described
in 227-2.6 (b) of this section or with an equivalent
monitoring system approved by the department.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 77: Compliance Demonstration
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:6 NYCRR 227-1.4 (a)

Item 77.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00010

Emission Point: 00010

Item 77.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:



Any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity, and when sulfur dioxide continuous monitoring is required by Part 225 of this Title, for continuously monitoring and recording either the percent oxygen or carbon dioxide in the flue gases from such installations at all times that the combustion installation is in service. Where gas is the only fuel burned, monitoring and recording of opacity is not required.

Opacity monitoring reports are due sixty (60) days after the end of each calendar quarter (January - March, April - June, July - September, October - December).

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60, App. B
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 78: Compliance Demonstration
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement: 6 NYCRR 227-2.6 (a)

Item 78.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00020

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 78.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOx emissions must be measured with a CEMS as described in 227-2.6 (b) of this section or with an equivalent monitoring system approved by the department.

Monitoring Frequency: ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 4/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 79: Compliance Demonstration
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:6 NYCRR 227-1.4 (a)

Item 79.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00020 Emission Point: 00020

Item 79.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity, and when sulfur dioxide continuous monitoring is required by Part 225 of this Title, for continuously monitoring and recording either the percent oxygen or carbon dioxide in the flue gases from such installations at all times that the combustion installation is in service. Where gas is the only fuel burned, monitoring and recording of opacity is not required.

Opacity monitoring reports are due sixty (60) days after the end of each calendar quarter (January - March, April - June, July - September, October - December).

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60, App. B
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 80: Compliance Demonstration
Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:6 NYCRR 227-2.6 (a)

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



Item 80.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00030

Regulated Contaminant(s):

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

Item 80.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOx emissions must be measured with a CEMS as described in 227-2.6 (b) of this section or with an equivalent monitoring system approved by the department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 81: Compliance Demonstration

Effective between the dates of 11/15/2012 and 11/14/2017

Applicable State Requirement:6 NYCRR 227-1.4 (a)

Item 81.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00030

Emission Point: 00030

Item 81.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity, and when sulfur dioxide continuous monitoring is required by Part 225 of this Title, for continuously monitoring and recording either the percent

New York State Department of Environmental Conservation

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024



oxygen or carbon dioxide in the flue gases from such installations at all times that the combustion installation is in service. Where gas is the only fuel burned, monitoring and recording of opacity is not required.

Opacity monitoring reports are due sixty (60) days after the end of each calendar quarter (January - March, April - June, July - September, October - December).

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60, App. B

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

