



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3126-00127/00011
Effective Date: 01/08/2010 Expiration Date: 01/07/2015

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 7-3126-00127/00015
Effective Date: 01/08/2010 Expiration Date: 01/07/2015

Permit Issued To: CARR STREET GENERATING STATION LP
64 CARR ST
EAST SYRACUSE, NY 13057

Contact: CARR STREET GENERATING STATION LP
64 CARR ST
EAST SYRACUSE, NY 13057
(315) 432-4443

Facility: CARR STREET GENERATING STATION
64 CARR ST
EAST SYRACUSE, NY 13057

Description:
Title V and IV (acid rain) permit renewal for two GE LM-6000 stationary gas turbines. The turbines fire either natural gas or number 2 fuel oil. Emission of NOx from each unit are controlled with water injection and an SCR.

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: JOANNE L MARCH
DIVISION OF ENVIRONMENTAL PERMITS
615 ERIE BLVD WEST
SYRACUSE, NY 13204-2400

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
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 7 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 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.

Condition 5: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 5.1:

The Department reserves the right 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 6: Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 6.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: CARR STREET GENERATING STATION LP
64 CARR ST
EAST SYRACUSE, NY 13057

Facility: CARR STREET GENERATING STATION
64 CARR ST
EAST SYRACUSE, NY 13057

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

Permit Effective Date: 01/08/2010

Permit Expiration Date: 01/07/2015



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 Part 215: Open Fires Prohibited at Industrial and Commercial Sites
- 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 6 NYCRR 211.3: Visible Emissions Limited
- 21 40 CFR Part 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 24 6 NYCRR 231-11.2 (b): Compliance Certification
- 25 6 NYCRR Subpart 243-1: Compliance Certification
- 26 6 NYCRR Subpart 243-2: Compliance Certification
- 27 6 NYCRR Subpart 243-8: Compliance Certification
- 28 6 NYCRR Subpart 244-1: CAIR General and Permit Requirements
- 29 6 NYCRR Subpart 244-2: Designated CAIR Representative
- 30 6 NYCRR Subpart 244-8: Compliance Certification
- 31 6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions
- 32 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 33 6 NYCRR Subpart 245-8: Compliance Certification
- 34 40CFR 52.21, Subpart A: Compliance Certification
- 35 40CFR 60, NSPS Subpart GG: The applicability of 40CFR 60-GG to this facility.
- 36 40 CFR Part 68: Compliance Certification

Emission Unit Level

- 37 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 38 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=1-TURBS



- 39 6 NYCRR 201-1.4 (a): Compliance Certification
- 40 6 NYCRR 227-1.3: Compliance Certification
- 41 40CFR 52.21, Subpart A: Compliance Certification
- 42 40CFR 52.21, Subpart A: Compliance Certification
- 43 40CFR 52.21, Subpart A: Compliance Certification
- 44 40CFR 52.21, Subpart A: Compliance Certification
- 45 40CFR 52.21, Subpart A: Compliance Certification
- 46 40CFR 52.21, Subpart A: Compliance Certification
- 47 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 48 40CFR 60.332(f), NSPS Subpart GG: Exemption from NOx standard.
- 49 40CFR 60.334, NSPS Subpart GG: -Monitoring of NOx emissions using CEMs
- 50 40CFR 60.334, NSPS Subpart GG: Compliance Certification
- 51 40CFR 60.334(c)(1), NSPS Subpart GG: Compliance Certification

EU=1-TURBS,Proc=TBG

- 52 6 NYCRR 212.4 (a): Compliance Certification
- 53 6 NYCRR 212.4 (a): Compliance Certification
- 54 6 NYCRR 212.4 (a): Compliance Certification
- 55 6 NYCRR 212.4 (a): Compliance Certification
- 56 40CFR 52.21, Subpart A: Compliance Certification
- 57 40CFR 52.21, Subpart A: Compliance Certification
- 58 40CFR 52.21, Subpart A: Compliance Certification
- 59 40CFR 52.21, Subpart A: Compliance Certification
- 60 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 61 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 62 40CFR 60.334(b)(2), NSPS Subpart GG: Compliance Certification

EU=1-TURBS,Proc=TBO

- 63 6 NYCRR 212.4 (a): Compliance Certification
- 64 6 NYCRR 212.4 (a): Compliance Certification
- 65 6 NYCRR 212.4 (a): Compliance Certification
- 66 6 NYCRR 212.4 (a): Compliance Certification
- 67 40CFR 52.21, Subpart A: Compliance Certification
- 68 40CFR 52.21, Subpart A: Compliance Certification
- 69 40CFR 52.21, Subpart A: Compliance Certification
- 70 40CFR 52.21, Subpart A: Compliance Certification
- 71 40CFR 52.21, Subpart A: Compliance Certification
- 72 40CFR 52.21, Subpart A: Compliance Certification
- 73 40CFR 52.21, Subpart A: Compliance Certification
- 74 40CFR 52.21, Subpart A: Compliance Certification
- 75 40CFR 52.21, Subpart A: Compliance Certification
- 76 40CFR 52.21, Subpart A: Compliance Certification
- 77 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 78 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 79 ECL 19-0301: Contaminant List
- 80 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 81 6 NYCRR 211.2: Air pollution prohibited
- 82 6 NYCRR 242-1.5: Compliance Demonstration
- 83 6 NYCRR 242-1.5: Compliance Demonstration





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 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015

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 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015

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 7/30/2010.
Subsequent reports are due every 6 calendar month(s).



Condition 6: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

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



Condition 8: Recordkeeping requirements
Effective between the dates of 01/08/2010 and 01/07/2015

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 Prohibited at Industrial and Commercial Sites
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Part 215

Item 9.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**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 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015



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 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015



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 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015

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 01/08/2010 and 01/07/2015

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Item 21.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

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 23: Emission Unit Definition
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1:

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

Emission Unit: 1-TURBS

Emission Unit Description:

TWO IDENTICAL GE LM-6000 GAS
TURBINES/HRSGS RATED AT 40 MEGAWATTS EACH.
THE HRSGS DO NOT EMPLOY SUPPLEMENTAL
FIRING. THE GAS TURBINE PRIMARY FUEL IS
NATURAL GAS AND BIODIESEL OR DISTILLATE
FUEL OIL MAY BE USED AS BACKUP FUEL.



Building(s): 1

Condition 24: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 6 NYCRR 231-11.2 (b)

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must maintain the following information for a minimum of five years:

1. A description of the modification, and each emission source, process and emission unit to which the modification applies;
2. The calculation (including supporting documentation) of project emission potential for each source to which the modification applies;
3. The date the modification commenced; and
4. A record of the actual emissions from each source to which the modification applies for each annual period in the five years following the modification. The amount of each pollutant shall be calculated in the same manner as the calculation of baseline emissions.

The emissions calculations shall identify that portion of the source's emissions (following the project) that the existing emission source could have accommodated during the consecutive 24 month period used to establish the baseline actual emissions and that are also unrelated to the modification. For each 12 month rolling period, the actual emissions must be compared to the baseline emissions.

The baseline emissions are: CO, 8 tons/year; NO_x, 6 tons/year; SO₂, 0 tons/year; PM₁₀, 2 tons per year; PM_{2.5}, 2 tons per year; VOC emissions, 1 ton per year; individual HAPs, 0.1 tons/year; total HAPs, 0.3 tons per year.

5. On an annual basis, the owner or operator shall submit to the DEC a report of the actual emissions of CO, NO_x,



SO₂, PM₁₀, PM_{2.5}, VOC, total HAPs and individual HAPs in tons per year and compare those emissions to the baseline emissions. Emissions resulting from the combustion of natural gas or No. 2 fuel oil must be identified, but may be excluded from the baseline emissions-to future emissions comparison. If the actual emissions, excluding the emissions computed pursuant to 6 NYCRR 231-4.1(b)(40)(i)(c), in any 12 month period exceed the minimis values in 6 NYCRR 231-13, Tables 3 and 6, this must be reported to the DEC within 30 days of such occurrence.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 12 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 243-1

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

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 or operators shall hold, in their compliance account, CAIR NO_x allowances available for compliance deductions for the previous control period (May 1 through September 30), 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.
- 2) A CAIR NO_x allowance shall not be deducted (for compliance with the requirement above) for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated.
- 3) If a CAIR NO_x source emits oxides of nitrogen 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 NO_x allowances required for deduction under 6 NYCRR 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.

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.

i) the certificate of representation 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 the submission of a new certificate of representation changing the CAIR designated representative.

ii) All emissions monitoring information, provided that to the extent that 6 NYCRR 243-8 provides for a three year period for record keeping, 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 Ozone Season Trading Program.

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

5) On an annual basis, the owner or operator shall submit, in the compliance certification, a statement whether he or she has complied with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 26: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 243-2



Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- 1) Each Clean Air Interstate Rule (CAIR) NO_x source shall have one CAIR designated representative and may have one alternative representative, as provided in 6 NYCRR 243-2.2, with regard to all matters under the CAIR NO_x Ozone Season 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 6 NYCRR 243-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6 NYCRR 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 in all matters pertaining to the CAIR designated representative and such owners or 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 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 of 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."
- 3) On an annual basis, the owner or operator shall



submit, in the compliance certification, a statement whether he or she has complied with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 27: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 243-8

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- 1) The owners and operators, and to the extent applicable, the CAIR designated representative, shall comply with all record keeping and reporting requirements under 40 CFR Part 75 and 6 NYCRR 243-2.1(e)(1).
- 2) The CAIR designated representative shall submit quarterly reports of the NO_x mass emissions data and heat input data for each CAIR NO_x unit, in an electronic quarterly report in a format prescribed by the Administrator for each calendar quarter.
- 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 NO_x Ozone Season units that are also subject to the CAIR NO_x Annual Trading Program or the Mercury Reduction Program (6 NYCRR 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 NO_x mass emissions data and heat input data.
- 5) 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 insuring that all of the unit's emissions are correctly and fully monitored.

The certification shall state that the monitoring data submitted were recorded in accordance with the applicable requirements of 6 NYCRR Part 243 and 40 CFR Part 75, including the quality assurance procedures and specifications;

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 40 CFR Part 75.

7) Whenever the owner or operator makes a replacement, modification or change in any certified continuous emission monitoring system under 6 NYCRR 243-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record NOx mass emissions or heat input rate or to meet the quality assurance or quality control requirements of 40 CFR 75.21 or Appendix B of Part 75, the owner or operator shall re-certify the monitoring system. 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 configuration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change. Examples of changes to a CEMS that require recertification include replacement of the analyzer, complete replacements of a CEMS, or change in location or orientation of the sampling probe site.

8) On an annual basis, the owner or operator shall submit, in the compliance certification, a statement whether he or she has complied with this condition.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

**Condition 28: CAIR General and Permit Requirements
Effective between the dates of 01/08/2010 and 01/07/2015**

Applicable Federal Requirement:6 NYCRR Subpart 244-1

Item 28.1:

(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, CAIR NOx



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 NO_x source represented in all matters pertaining to the CAIR NO_x 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. [244-2.1(a), (b) & (c)]

(2) Each submission under the CAIR NO_x Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NO_x 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." [244-2.1(e)]

Condition 30: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 244-8

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting NO_x 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 NO_x mass emissions data and heat input data for each CAIR NO_x 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 NO_x units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x 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 NO_x 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 NOx 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 NOx 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 4/30/2010.
Subsequent reports are due every 3 calendar month(s).

**Condition 31: CAIR SO2 Trading Program General Provisions
Effective between the dates of 01/08/2010 and 01/07/2015**

Applicable Federal Requirement:6 NYCRR Subpart 245-1

Item 31.1:

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 SO 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 32: Designated CAIR Representative
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 245-2

Item 32.1:

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 33: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 245-8

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 33.2:

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 4/30/2010.
Subsequent reports are due every 3 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 40CFR 52.21, Subpart A

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:

The sulfur content of fuel oil or biodiesel burned at the facility shall not exceed 0.30 percent by weight. Compliance shall be determined using fuel sampling and analysis in accordance with either 40 CFR Subpart GG or any alternative custom fuel schedule approved by EPA. The owner shall maintain copies of all EPA correspondence in which a custom fuel schedule has been approved.

The owner shall maintain copies of ALL sample analyses, including copies of analyses for duplicate samples. The owner shall maintain records of the quantity and dates of all oil and biodiesel delivered to the facility.

For semi-annual reporting periods that included fuel oil or biodiesel deliveries to the facility, the owner shall submit reports of fuel sampling semi-annually to the DEC and the EPA. If no deliveries were received in a given semi-annual period, the owner or operator shall report that no deliveries were made in that period. In its annual certification, shall state whether any fuel was delivered to the facility, the quantity delivered, and the fuel sulfur content of such deliveries. Additionally, if the owner or operator accepts any oil or biodiesel with a sulfur content in excess of 0.30 percent, the owner or operator shall so notify the DEC of such receipt, in writing, within 30 days of receipt of such oil.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OIL (NOT ELSEWHERE CLASSIFIED)

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.3 percent by weight

Reference Test Method: ASTM Methods

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 35: The applicability of 40CFR 60-GG to this facility.
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60, NSPS Subpart GG

Item 35.1:

This facility is subject to the applicable requirements of this Subpart. More stringent emission limits than those contained in this Subpart are contained in the emission unit compliance certification special conditions of this permit.

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Condition 36: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40 CFR Part 68

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If a 40 CFR Part 68 listed chemical is present in a process in quantities greater than the threshold quantities the owner shall comply with provisions of 40 CFR Part 68.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

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

Condition 37: Emission Point Definition By Emission Unit
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 37.1:

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

Emission Unit: 1-TURBS

Emission Point: 00001

Height (ft.): 125

Diameter (in.): 126

NYTMN (km.): 4768.222 NYTME (km.): 411.855 Building: 1

Emission Point: 00002

Height (ft.): 125

Diameter (in.): 126

NYTMN (km.): 4768.22 NYTME (km.): 411.85 Building: 1

Condition 38: Process Definition By Emission Unit
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6



Item 38.1:

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

Emission Unit: 1-TURBS
Process: TBG Source Classification Code: 2-02-002-03
Process Description:
TWO IDENTICAL GAS TURBINES, EACH FIRING
NATURAL GAS. EMISSION LIMITS APPLY TO EACH
TURBINE INDIVIDUALLY.

Emission Source/Control: TURB1 - Combustion
Design Capacity: 422 million Btu per hour

Emission Source/Control: TURB2 - Combustion
Design Capacity: 422 million Btu per hour

Emission Source/Control: SCR01 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: SCR02 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: WINJ1 - Control
Control Type: WATER INJECTION

Emission Source/Control: WINJ2 - Control
Control Type: WATER INJECTION

Item 38.2:

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

Emission Unit: 1-TURBS
Process: TBO Source Classification Code: 2-02-001-03
Process Description:
TWO IDENTICAL GAS TURBINES, EACH FIRING
DISTILLATE FUEL OIL OR BIODIESEL. EMISSION
LIMITS APPLY TO EACH TURBINE INDIVIDUALLY.

Emission Source/Control: TURB1 - Combustion
Design Capacity: 422 million Btu per hour

Emission Source/Control: TURB2 - Combustion
Design Capacity: 422 million Btu per hour

Emission Source/Control: SCR01 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: SCR02 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: WINJ1 - Control
Control Type: WATER INJECTION



Emission Source/Control: WINJ2 - Control
Control Type: WATER INJECTION

Condition 39: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 6 NYCRR 201-1.4 (a)

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Startup/shutdown

(a) The owner or operator shall develop and maintain procedures for the cold start of operations for the gas turbine, and for the shutdown of the gas turbine. Such procedures shall define temperatures and pressures for water injection and ammonia injection permissives, upon which water may be injected to the gas turbine for control of NO_x emissions. These procedures must be submitted to the DEC within 60 days of receipt of this permit.

(b) Deviations from the procedures developed in accordance with Item (a) of this condition shall be noted in a written log (or otherwise documented, such as in a computer system).

(c) Startup and shutdown shall be accomplished within the procedures required to be developed in Item (a) of this condition. The time period for excess emissions during startup shall not exceed 3 hours under any circumstance (commencing with first firing of fuel and ending with the conditions for achieving water injection permissive). The time for shutdown shall not exceed one-half hour, commencing with the stop of water injection flow.

(d) Excess emissions after water injection permissive (or after the proper steam temperatures and pressures have been reached) and after ammonia injection permissive shall not be considered excess emissions due to startup, regardless of the time since first firing.

(e) Emissions shall be monitored and recorded whenever fuel is fired. Periods of excess emissions due to startup



and shutdown must be identified in the quarterly excess emissions report. For those periods of excess emissions due to startup or shutdown where procedures deviated from the startup procedures developed in accordance with Item (a) of this condition, the owner or operator shall describe how the actual startup or shutdown procedures deviated from the written procedures.

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 4/30/2010.

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

Condition 40: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity.

Compliance shall be determined by Method 9. Testing shall be conducted upon request from the Department. The owner or operator shall submit to the Department a report containing the results of such opacity readings no later than 30 days after conducting such tests.

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 41: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 41.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must continuously measure and record the ambient air temperature at the facility within an accuracy of plus or minus 3 deg F.

The facility, in its semi-annual report, must state whether it has complied with this requirement on a continuous basis.

Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 42.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All permit limits for the gas turbines apply at all loads of operation, except during periods of startup and shutdown not to exceed 3 hours per occurrence, and during periods of unavoidable malfunctions or emergency conditions, subject to DEC approval. Records of startups, shutdowns, malfunctions, and emergency



conditions will be maintained at the facility for a period of five years.

The facility, in its semi-annual report, must state whether it has complied with this requirement on a continuous basis.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 43.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 43.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

All copies of reports and notifications must be submitted to USEPA Region II office and NYSDEC Region 7 office.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 44: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 44.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 44.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

A summary of the emission limits and operating restrictions must be posted in the control room and must



be plainly visible to the facility operator.

The facility, in its annual certification report, must state whether it has complied with this requirement on a continuous basis.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 45: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall submit to the DEC a quarterly written Continuous Emission Monitor (CEM) report to NYSDEC for every calendar year quarter. The reports shall include:

1. a summary of excess emissions and CEM downtime reported in a format acceptable to the DEC.
2. for each period of excess emission or CEM downtime, the date, start time, stop time, the average magnitude, the cause for the excess emission and the corrective action.

Excess emissions shall be identified as each one hour block period during which the average emissions of NO_x or CO, as measured by the CEMs, exceeds the corresponding mass or concentration limit set forth in this permit. Excess emissions indicated by the CEMs for any one hour block period other than startup or shutdown shall be considered violations of the applicable emission limits.

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2010.
Subsequent reports are due every 3 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 46.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 46.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility must notify NYSDEC and USEPA Region II within 3 days of performing any engine replacement for the purpose of conducting maintenance on the original gas turbines (Serial #185-109 & 185-110).

The facility, in its annual certification report, must state whether it has complied with this requirement on a continuous basis.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 12 calendar month(s).

Condition 47: Monitoring requirements.
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 47.1:
This Condition applies to Emission Unit: 1-TURBS

Item 47.2:
All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 48: Exemption from NOx standard.



Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60.332(f), NSPS Subpart GG

Item 48.1:

This Condition applies to Emission Unit: 1-TURBS

Item 48.2:

Gas turbines using water or steam injection to control NOx are exempt from section 332.a when ice fog is deemed a traffic hazard.

Condition 49: -Monitoring of NOx emissions using CEMs

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60.334, NSPS Subpart GG

Item 49.1:

This Condition applies to Emission Unit: 1-TURBS

Item 49.2:

The stationary gas turbines are subject to 40 CFR Part 60, Subpart GG.

Pursuant to 40 CFR 60.334(b), the owner or operator shall install, certify, maintain operate and quality-assure a continuous emissions monitoring system (CEMS) consisting of NOx and O2 monitors. Each CEMS must be installed and certified according to PS 2 and 3 or 40 CFR Part 75 (as allowed in 40 CFR 60.334(b)(3)(iii)). Emissions must be corrected to 15% oxygen and ISO standard conditions, unless the ISO requirement is waived by EPA.

During each full unit operating hour, each monitor must complete a minimum of one cycle of operation (sampling, analyzing and data recording) for each 15 minute quadrant of the hour, to validate the hour. For partial unit operating hours, at least one valid data point must be obtained for each quadrant of the hour in which the unit operates. For unit operating hours in which required quality assurance and maintenance activities are performed on the CEMS, a minimum of two valid data points (one in each of two quadrants) are required to validate the hour.

On a calendar quarter basis, the owner or operator shall submit to the DEC and EPA a report of excess emissions. For the purposes of the excess emissions and monitoring system performance report, periods of excess emissions are defined as any daily period during which emissions of nitrogen oxide exceed 75 ppm by volume, on a dry basis. Each report shall include the times each excess emission period began and ended, the average magnitude of those emissions, the cause of the excess emission and the corrective action taken. Additionally, the owners or operators shall submit to DEC a report of such excess emissions within 30 days of its occurrence.

Condition 50: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60.334, NSPS Subpart GG



Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 50.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

This emission unit (gas turbine firing natural gas and oil) is subject to 40 CFR Part 60, Subpart GG. No owner or operator shall burn any fuel which contains sulfur in excess of 0.8 weight percent. This emission unit is subject to a more stringent standard, as described elsewhere in this permit. This condition does not waive the requirement to comply with the more stringent condition.

1. Fuel analysis is specified in 40 CFR 60.334(h) and sampling frequency is specified in 40 CFR 60.334(i).
2. For natural gas, the owner or operator may elect not to monitor the sulfur content of the natural gas if the fuel is demonstrated (pursuant to 40 CFR 60.334(h)(3)(i) or (ii) that the fuel meets the definition of natural gas.
3. For fuel oil, the owner or operator may comply with a previously approved custom fuel schedule or one of the schedules specified in 40 CFR 60.334(i)(3).

On a calendar quarter basis, the owner or operator shall submit to the DEC and the EPA a report of excess emissions. For the purposes of the excess emissions, periods are defined as any daily period during which the sulfur content of the fuel being fired in the gas turbine exceeds 0.8 percent by weight. Each report shall include the sulfur content of the fuel during the period of excess emissions. Additionally, if the owner or operator burns fuel containing sulfur in excess of 0.8 percent, the owners or operators shall submit to the DEC a report of such excess emissions within 30 days of its occurrence.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.8 percent

Reference Test Method: ASTM D129-00 or equivalent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 51: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60.334(c)(1), NSPS Subpart GG

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

40 CFR 60.334(c)(1) defines periods of excess emissions under 40 CFR Subpart GG for NOx. In a letter dated July 1, 1993, EPA Region II granted approval for the facility to use NOx CEMs to assess compliance. The definitions of excess emissions based on steam-to-fuel ratio are superceded by EPA's approval. Changes to this determination shall be sent to DEC within 30 days of receipt of such change.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 52: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



The owner or operator shall compute emissions of ammonia slip in accordance with a plan approved by the DEC. Periods of excess emissions shall be reported to the DEC on a quarterly basis.

Manufacturer Name/Model Number: Horiba NOx Monitor

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per billion by volume (dry, corrected to 15% O₂)

Reference Test Method: DEC approved plan

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 53: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 6 NYCRR 212.4 (a)

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall compute emissions of ammonia slip in accordance with a plan approved by the DEC.

Periods of excess emissions shall be reported to the DEC on a quarterly basis.

Manufacturer Name/Model Number: Horiba

Parameter Monitored: AMMONIA

Upper Permit Limit: 5.7 pounds per hour

Reference Test Method: DEC approved plan

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE



Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2010.
Subsequent reports are due every 3 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 6 NYCRR 212.4 (a)

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS
Process: TBG

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 10 ppm (dry, corrected to 15% O₂) based on a one-hour average.

Compliance shall be determined using emissions testing.

(i) Ammonia compliance testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting fuel oil.

(ii) Regardless of whether ammonia testing has been conducted when combusting fuel oil, testing of ammonia emissions when combusting natural gas is required at least once per permit term, except testing for ammonia emissions on natural gas is not required if the facility combusts natural gas less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(iii) The owner or operator shall compute emissions of ammonia slip in accordance with a plan approved by the DEC. Periods of excess emissions shall be reported to the DEC on a quarterly basis.

The owner or operator shall maintain records of ammonia



flow and report to the DEC when calculated emissions of ammonia slip exceed the allowable emission limit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: CTM 027 or OSHA 64 and Methods 1-4

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 55: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 6 NYCRR 212.4 (a)

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 5.7 pounds per hour based on a one-hour average.

Compliance shall be determined using emissions testing.

(i) Ammonia compliance testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting fuel oil.

(ii) Regardless of whether ammonia testing has been conducted when combusting fuel oil, testing of ammonia emissions when combusting natural gas is required at least once per permit term, except testing for ammonia emissions on natural gas is not required if the facility combusts natural gas less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



(iii) The owner or operator shall compute emissions of ammonia slip in accordance with a plan approved by the DEC. Periods of excess emissions shall be reported to the DEC on a quarterly basis.

The owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the allowable emission limit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 5.7 pounds per hour

Reference Test Method: CTM 027 or OSHA 64 and Methods 1-4

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 56: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall not cause or allow emissions of CO in excess of the following from either turbine when combusting natural gas (based on a one hour block average):

For temperatures less than zero degrees Fahrenheit, CO emissions must not exceed 92 pounds per hour.

For temperatures greater than or equal to zero degrees Fahrenheit, but less than 20F, CO emissions must not exceed 58 pounds per hour.

For temperatures greater than or equal to 20 F but less than 40 F, CO emissions must not exceed 24 pounds per

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



hour.

For temperatures greater than or equal to 40 F but less than 60, CO emissions must not exceed 14 pounds per hour.

For temperatures greater than or equal to 60 F, CO emissions must not exceed 11 pounds per hour.

Compliance shall be determined using a continuous emission monitor (to measure pollutant and diluent concentration).

The mass emission rate shall be computed from the pollutant and diluent concentrations and the heat input, measured using a fuel flow meter.

On a quarterly basis, the owner or operator shall submit to DEC a report stating whether emissions of CO are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 11 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 57: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



The owner or operator shall not cause or allow emissions of CO in excess of the following from either turbine when combusting natural gas:

For temperatures less than zero degrees Fahrenheit, CO emissions must not exceed 115 parts per million by volume corrected to 15% O₂.

For temperatures greater than or equal to zero degrees Fahrenheit, but less than 20F, CO emissions must not exceed 70 parts per million by volume corrected to 15% O₂.

For temperatures greater than or equal to 20 F but less than 40 F, CO emissions must not exceed 29 parts per million by volume corrected to 15% O₂.

For temperatures greater than or equal to 40 F but less than 60, CO emissions must not exceed 16 parts per million by volume corrected to 15% O₂.

For temperatures greater than or equal to 60 F, CO emissions must not exceed 16 parts per million by volume corrected to 15% O₂.

Compliance shall be determined using a continuous emission monitor (to measure pollutant and diluent concentration).

On an a quarterly basis, the owner or operator shall submit to DEC a report stating whether emissions of CO are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 16 parts per million by volume (dry, corrected to 15% O₂)
Reference Test Method: 40 CFR 60 APP B/F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2010.
Subsequent reports are due every 3 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall not cause or allow emissions of NO_x in excess of 14 pounds per hour from either turbine when combusting natural gas.

Compliance shall be determined using a continuous emission monitor (to measure pollutant and diluent concentration).

The mass emission rate shall be computed from the pollutant and diluent concentrations and the heat input, measured using a fuel flow meter.

On a quarterly basis, the owner or operator shall submit to DEC a report stating whether emissions of NO_x are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 14.0 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 59: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



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

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall not cause or allow emissions of NO_x in excess of 9 ppm, corrected to 15% O₂ from either turbine when combusting natural gas.

Compliance shall be determined using a continuous emission monitor (to measure pollutant and diluent concentration).

On a quarterly basis, the owner or operator shall submit to DEC a report stating whether emissions of NO_x are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 60: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 40CFR 60.334(a), NSPS Subpart GG

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY RECD APPROVAL FROM USEPA REG II IN A LETTER DATED 7/1/93 TO USE A CONTINUOUS EMISSION MONITOR IN LIEU OF WATER TO FUEL MONITORING IN THE GAS

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



TURBINES. (SEE ATT. OD#2). Changes to this determination shall be sent to DEC within 30 days of receipt of such change.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 61: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60.334(a), NSPS Subpart GG

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS
Process: TBG

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NATURAL GAS CONSUMPTION MUST BE MONITORED AND RECORDED FOR EACH GAS TURBINE.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 62: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60.334(b)(2), NSPS Subpart GG

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS
Process: TBG

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY RECD APPROVAL FROM USEPA REG II IN A LETTER DATED 7/1/93 FOR A CUSTOM FUEL MONITORING SCHEDULE. CUSTOM SCHEDULE REQUIRES QUARTERLY MONITORING OF

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



NATURAL GAS (SEE ATT. OD#2). MONITORING
SCHEDULE FOR OIL REMAINS PER DELIVERY AS
REQD BY THE APPLICABLE RULE.

Changes to this determination shall be
sent to DEC within 30 days of receipt of
such change.

Reference Test Method: ASTM D1072-80

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 63: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS
Process: TBO

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall compute emissions of ammonia
slip in accordance with a plan approved by the DEC.
Periods of excess emissions shall be reported to the DEC
on a quarterly basis.

Manufacturer Name/Model Number: Horiba

Parameter Monitored: AMMONIA

Upper Permit Limit: 5 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: DEC approved plan

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 64: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015



Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS
Process: TBO

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall compute emissions of ammonia slip in accordance with a plan approved by the DEC.
Periods of excess emissions shall be reported to the DEC on a quarterly basis.

Manufacturer Name/Model Number: Horiba
Parameter Monitored: AMMONIA
Upper Permit Limit: 3 pounds per hour
Reference Test Method: DEC approved plan
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2010.
Subsequent reports are due every 3 calendar month(s).

Condition 65: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS
Process: TBO

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



of ammonia in excess of 3.0 pounds per hour based on a one-hour average while firing oil or biodiesel.

Compliance shall be determined using emissions testing.

(i) Ammonia compliance testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting natural gas.

(ii) Regardless of whether ammonia testing has been conducted when combusting natural gas, testing of ammonia emissions when combusting oil or biodiesel is required at least once per permit term, except testing for ammonia emissions on oil is not required if the facility combusts oil and/or biodiesel less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

The owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the allowable emission limit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 3 pounds per hour

Reference Test Method: CTM 027 or OSHA 64 and Methods 1-4

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 66: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



The owner or operator shall not cause or allow emissions of ammonia in excess of 5.0 parts per million based on a one-hour average while firing oil and/or biodiesel.

Compliance shall be determined using emissions testing.

(i) Ammonia compliance testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting natural gas.

(ii) Regardless of whether ammonia testing has been conducted when combusting natural gas, testing of ammonia emissions when combusting oil or biodiesel is required at least once per permit term, except testing for ammonia emissions on oil or biodiesel is not required if the facility combusts oil and/or biodiesel less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

The owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the allowable emission limit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 5 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: CTM 027 or OSHA 64 and Methods 1-4

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 67: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

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

Item 67.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall not cause or allow emissions of NO_x in excess of 25 ppm, corrected to 15% O₂, from either turbine when combusting No. 2 oil or biodiesel.

Compliance shall be determined using a continuous emission monitor (to measure pollutant and diluent concentration).

On a quarterly basis, the owner or operator shall submit to DEC a report stating whether emissions of NO_x are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 25 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 68: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of PM-10 in excess of 32.4 pounds per hour when combusting No. 2 oil or biodiesel.

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Compliance will be determined through stack testing using EPA Method 201. Testing shall be conducted upon request from the DEC in accordance with 6 NYCRR 202-1.

Parameter Monitored: PM-10

Upper Permit Limit: 32.4 pounds per hour

Reference Test Method: EPA RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 69: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of PM-10 in excess of 0.082 pounds per million BTU when combusting No. 2 oil or biodiesel.

Compliance will be determined through stack testing using EPA Method 201. Testing shall be conducted upon request from the DEC in accordance with 6 NYCRR 202-1.

Parameter Monitored: PM-10

Upper Permit Limit: 0.082 pounds per million Btus

Reference Test Method: EPA RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 70: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of particulate matter in excess of 0.082 pounds per million BTU when combusting No. 2 oil or biodiesel.

Compliance will be determined through stack testing using EPA Method 201. Testing shall be conducted upon request from the DEC in accordance with 6 NYCRR 202-1.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.082 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 71: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall not cause or allow emissions of CO in excess of the following from either turbine when combusting No. 2 oil or biodiesel:

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Monitoring Description:

Operating limit while firing oil or biodiesel. The gas turbines shall not be operated below 90% of base load while firing oil and/or biodiesel. See attached graph for determination of base load with respect to ambient temperature.

The owner or operator shall maintain a record of the average hourly load for each hour of operation. The owner or operator shall submit to DEC semi-annually a report stating whether the facility operated at or below 90% load while firing oil and/or biodiesel, exclusive of startup or shutdown.

Parameter Monitored: ELECTRICAL OUTPUT

Lower Permit Limit: 90 percent

Monitoring Frequency: CONTINUOUS

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 7/30/2010.

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

Condition 73: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of particulate matter in excess of 32.4 pounds per hour when combusting No. 2 oil or biodiesel.

Compliance will be determined through stack testing using EPA Method 5. Testing shall be conducted upon request from the DEC in accordance with 6 NYCRR 202-1.

Parameter Monitored: PARTICULATES

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Upper Permit Limit: 32.4 pounds per hour
Reference Test Method: EPA RM 5
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 74: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS
Process: TBO

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The amount of fuel fired in the two turbines shall not exceed 10,012,800 gallons, combined, for any 365 day rolling period. The owner or operator shall record the amount of fuel oil or biodiesel fired per day.

On a semi-annual basis, the owner shall submit to the DEC a report stating whether it has complied with this condition.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 10,012,800 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 75: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS
Process: TBO

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall not cause or allow emissions of CO in excess of the following from either turbine when combusting No. 2 oil or biodiesel:

For temperatures less than forty degrees Fahrenheit, CO emissions must not exceed 55 pounds per hour.

For temperatures greater than or equal to 40 F, but less than 60F, CO emissions must not exceed 32 pounds per hour.

For temperatures greater than or equal to 60 F, CO emissions must not exceed 16 pounds per hour.

Compliance shall be determined using a continuous emission monitor (to measure pollutant and diluent concentration).

The mass emission rate shall be computed from the pollutant and diluent concentrations and the heat input, measured using a fuel flow meter.

On a quarterly basis, the owner or operator shall submit to DEC a report stating whether emissions of CO are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 16 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 76: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

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

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall not cause or allow emissions of NO_x in excess of 41 pounds per hour from either turbine when combusting No. 2 oil or biodiesel.

Compliance shall be determined using a continuous emission monitor (to measure pollutant and diluent concentration).

The mass emission rate shall be computed from the pollutant and diluent concentrations and the heat input, measured using a fuel flow meter.

On a quarterly basis, the owner or operator shall submit to DEC a report stating whether emissions of NO_x are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 41 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

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

Condition 77: Compliance Certification

Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement: 40CFR 60.334(a), NSPS Subpart GG

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Item 77.2:

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY RECD APPROVAL FROM USEPA
REG II IN A LETTER DATED 7/1/93 TO USE A
CONTINUOUS EMISSION MONITOR IN LIEU OF
WATER TO FUEL MONITORING IN THE GAS
TURBINES. (SEE ATT. OD#2)

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 78: Compliance Certification
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable Federal Requirement:40CFR 60.334(a), NSPS Subpart GG

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

FUEL OIL CONSUMPTION MUST BE MONITORED
AND RECORDED FOR EACH GAS TURBINE.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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 79: Contaminant List
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable State Requirement:ECL 19-0301

Item 79.1:
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



CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 007664-41-7
Name: AMMONIA

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY075-00-5
Name: PM-10

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

Condition 80: Unavoidable noncompliance and violations
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable State Requirement:6 NYCRR 201-1.4

Item 80.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.



(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which 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 81: Air pollution prohibited
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable State Requirement:6 NYCRR 211.2

Item 81.1:

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 82: Compliance Demonstration
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable State Requirement:6 NYCRR 242-1.5

Item 82.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 82.2:

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 7/30/2010.

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



Condition 83: Compliance Demonstration
Effective between the dates of 01/08/2010 and 01/07/2015

Applicable State Requirement: 6 NYCRR 242-1.5

Item 83.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 83.2:

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

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

