



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 7-3126-00127/00011  
Effective Date: 07/21/2015 Expiration Date: 07/20/2020

Permit Type: Title IV (Phase II Acid Rain)  
Permit ID: 7-3126-00127/00015  
Effective Date: 07/21/2015 Expiration Date: 07/20/2020

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 or biodiesel. 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: ELIZABETH A TRACY  
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

**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 prior to actual transfer of ownership.

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

**Item 4.1:**

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

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

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 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: 07/21/2015

Permit Expiration Date: 07/20/2020



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 23 6 NYCRR 211.1: Air pollution prohibited
- 24 6 NYCRR 225-1.2 (h): Compliance Certification
- 25 6 NYCRR 227-2.4 (e) (3): Compliance Certification
- 26 6 NYCRR Subpart 244-2: Designated CAIR Representative
- 27 6 NYCRR Subpart 244-8: Compliance Certification
- 28 6 NYCRR Subpart 245-1: CAIR SO<sub>2</sub> Trading Program General Provisions
- 29 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 30 6 NYCRR Subpart 245-8: Compliance Certification
- 31 40CFR 52.21, Subpart A: Compliance Certification
- 32 40CFR 60, NSPS Subpart GG: The applicability of 40CFR 60-GG to this facility.
- 33 40 CFR Part 68: Compliance Certification

#### Emission Unit Level

- 34 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 35 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

#### EU=1-TURBS

- 36 6 NYCRR 227-1.3: Compliance Certification
- 37 40CFR 52.21, Subpart A: Compliance Certification
- 38 40CFR 52.21, Subpart A: Compliance Certification
- 39 40CFR 52.21, Subpart A: Compliance Certification



- 40 40CFR 52.21, Subpart A: Compliance Certification
- 41 40CFR 52.21, Subpart A: Compliance Certification
- 42 40CFR 52.21, Subpart A: Compliance Certification
- 43 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 44 40CFR 60.332(f), NSPS Subpart GG: Exemption from NOx standard.
- 45 40CFR 60.334, NSPS Subpart GG: -Monitoring of NOx emissions using CEMs
- 46 40CFR 60.334, NSPS Subpart GG: Compliance Certification
- 47 40CFR 60.334(c)(1), NSPS Subpart GG: Compliance Certification

**EU=1-TURBS,Proc=TBG**

- 48 6 NYCRR 212.4 (a): Compliance Certification
- 49 6 NYCRR 212.4 (a): Compliance Certification
- 50 6 NYCRR 212.4 (a): Compliance Certification
- 51 6 NYCRR 212.4 (a): Compliance Certification
- 52 40CFR 52.21, Subpart A: Compliance Certification
- 53 40CFR 52.21, Subpart A: Compliance Certification
- 54 40CFR 52.21, Subpart A: Compliance Certification
- 55 40CFR 52.21, Subpart A: Compliance Certification
- 56 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 57 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 58 40CFR 60.334(b)(2), NSPS Subpart GG: Compliance Certification

**EU=1-TURBS,Proc=TBO**

- 59 6 NYCRR 212.4 (a): Compliance Certification
- 60 6 NYCRR 212.4 (a): Compliance Certification
- 61 6 NYCRR 212.4 (a): Compliance Certification
- 62 6 NYCRR 212.4 (a): Compliance Certification
- 63 40CFR 52.21, Subpart A: Compliance Certification
- 64 40CFR 52.21, Subpart A: Compliance Certification
- 65 40CFR 52.21, Subpart A: Compliance Certification
- 66 40CFR 52.21, Subpart 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 60.334(a), NSPS Subpart GG: Compliance Certification
- 74 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 75 ECL 19-0301: Contaminant List
- 76 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 77 6 NYCRR 242-1.5: Compliance Demonstration
- 78 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, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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 201-6.2 (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 201-6.2 (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 201-6.4 (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 201-6.4 (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 201-6.4 (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 201-6.4 (a) (6)**

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



**Item I: Severability - 6 NYCRR 201-6.4 (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 201-6.4 (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 201-6.4 (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 07/21/2015 and 07/20/2020**

**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 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)**

**Item 2.1:**

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

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement  
Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (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 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (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 201-6.2(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 may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.





Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (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.

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



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 annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section  
USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
NYSDEC Region 7 Headquarters  
615 Erie Boulevard, West  
Syracuse, NY 13204-2400

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2016.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 202-2.1**

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

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**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements  
Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 202-2.5**

**Item 8.1:**

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

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 9: Open Fires - Prohibitions  
Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 215.2**

**Item 9.1:**

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

**Item 9.2**

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous



agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.

- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

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

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

**Condition 10: Maintenance of Equipment  
Effective between the dates of 07/21/2015 and 07/20/2020**

**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 07/21/2015 and 07/20/2020

**Applicable Federal Requirement:6 NYCRR 201-1.7**

**Item 11.1:**

Where practical, the owner or operator of 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 07/21/2015 and 07/20/2020

**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 07/21/2015 and 07/20/2020

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

**Item 13.1:**

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

**Condition 14: Trivial Sources - Proof of Eligibility**

Effective between the dates of 07/21/2015 and 07/20/2020

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

**Item 14.1:**

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

**Condition 15: Requirement to Provide Information**

Effective between the dates of 07/21/2015 and 07/20/2020

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Right to Inspect**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Off Permit Changes**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)**

**Item 17.1:**

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the

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change.

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

**Condition 18: Required Emissions Tests**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 18.1:**

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

**Condition 19: Accidental release provisions.**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 19.1:**

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 20: Recycling and Emissions Reduction**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 82, Subpart F**

**Item 20.1:**

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 21: Emission Unit Definition**  
Effective between the dates of 07/21/2015 and 07/20/2020

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 21.1:**

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/HRS GS RATED AT 40 MEGAWATTS EACH.  
THE HRS GS 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 22: Progress Reports Due Semiannually**  
Effective between the dates of 07/21/2015 and 07/20/2020

**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**

**Item 22.1:**

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 23: Air pollution prohibited**  
Effective between the dates of 07/21/2015 and 07/20/2020

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 23.1:**

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.



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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 24: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (h)**

**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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 25: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 227-2.4 (e) (3)**

**Item 25.1:**

The Compliance Certification activity will be performed for the Facility.

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Regulated Contaminant(s):

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

**Item 25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOx RACT (source specific, case-by-case) submitted and approved by the Department, for combustion turbines that operate after July 1, 2014. The current PSD NOx limit of 9ppm has been determined to meet RACT for this source.

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 26: Designated CAIR Representative**

**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR Subpart 244-2**

**Item 26.1:**

1) Each Clean Air Interstate Rule (CAIR) NOx source shall have one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 244-2.2, with regard to all matters under the CAIR NOx Annual Trading Program. The CAIR designated representative shall be selected by an agreement binding on the owners and operators of the source and act in accordance with the certification statement in 6NYCRR Part 244-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 244-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NOx source represented in all matters pertaining to the CAIR NOx Annual Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source. [244-2.1(a), (b) & (c)]

(2) Each submission under the CAIR NOx Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NOx source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment." [244-2.1(e)]



**Condition 27: Compliance Certification**  
Effective between the dates of 07/21/2015 and 07/20/2020

**Applicable Federal Requirement:6 NYCRR Subpart 244-8**

**Item 27.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting NOX emissions

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

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

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

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



data, and other information required by this Subpart.

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

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

(ii) for a unit with add-on NO<sub>x</sub> emission controls and for all hours where NO<sub>x</sub> 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<sub>x</sub> emissions.

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

(7) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under 6NYCRR Part 244-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record NO<sub>x</sub> mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b) . Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change



in location or orientation of the sampling probe or site.  
Any fuel flowmeter system, and any excepted NO<sub>x</sub> 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 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 28: CAIR SO<sub>2</sub> Trading Program General Provisions**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 6 NYCRR Subpart 245-1**

**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) for a control period, the owners and operators of each Clean Air Interstate Rule (CAIR) SO<sub>2</sub> source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO<sub>2</sub> 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 SO<sub>2</sub> units at the source. A CAIR SO<sub>2</sub> 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 SO<sub>2</sub> 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<sub>2</sub> allowances available for compliance deductions for the control period starting on the later of January 1, 2010 or the deadline for meeting a CAIR SO<sub>2</sub> 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 SO<sub>2</sub> source emits sulfur dioxide during any control period in excess of the CAIR SO<sub>2</sub> emissions limitation, the owners and operators of the source shall surrender the CAIR SO<sub>2</sub> 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 SO<sub>2</sub> 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

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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 29: Designated CAIR Representative**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR Subpart 245-2**

**Item 29.1:**

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 30: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR Subpart 245-8**

**Item 30.1:**

The Compliance Certification activity will be performed for the Facility.



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

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting SO<sub>2</sub> emissions:

1) The owners and operators, and to the extent applicable, the Clean Air Interstate Rule (CAIR) designated representative, of a CAIR SO<sub>2</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> unit. [245-8.1]

2)The owner or operator of each CAIR SO<sub>2</sub> unit shall:  
[245-8.1(a)]

(i) install all monitoring systems required under this Subpart for monitoring SO<sub>2</sub> mass emissions and individual unit heat input (including all systems required to monitor SO<sub>2</sub> concentration, stack gas moisture content, stack gas flow rate, CO<sub>2</sub> or O<sub>2</sub> 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 SO<sub>2</sub> unit that commences commercial operation before July 1, 2008, by January 1, 2009.

(ii) For the CAIR SO<sub>2</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> mass emissions data and heat input data for each CAIR SO<sub>2</sub> 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 SO<sub>2</sub> units that are also subject to an Acid Rain emissions limitation or the CAIR NO<sub>x</sub> Annual Trading Program, CAIR NO<sub>x</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> emission controls and for all hours where SO<sub>2</sub> 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 SO<sub>2</sub> 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 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 31: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 31.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 31.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

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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 1/30/2016.  
Subsequent reports are due every 12 calendar month(s).

**Condition 32: The applicability of 40CFR 60-GG to this facility.  
Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart GG**

**Item 32.1:**

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.

**Condition 33: Compliance Certification  
Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 33.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: 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 1/30/2016.  
Subsequent reports are due every 12 calendar month(s).

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

**Condition 34: Emission Point Definition By Emission Unit**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 34.1:**

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 35: Process Definition By Emission Unit**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 35.1:**

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)

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

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

**Item 35.2:**

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 36: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 227-1.3**

**Item 36.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

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

**Item 36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

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**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 37: Compliance Certification**

**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 37.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

**Item 37.2:**

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 1/30/2016.

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

**Condition 38: Compliance Certification**



Effective between the dates of 07/21/2015 and 07/20/2020

Applicable Federal Requirement:40CFR 52.21, Subpart A

**Item 38.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

**Item 38.2:**

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 1/30/2016.

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

**Condition 39: Compliance Certification**

Effective between the dates of 07/21/2015 and 07/20/2020

Applicable Federal Requirement:40CFR 52.21, Subpart 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:

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

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DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 40: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 40.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

**Item 40.2:**

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 1/30/2016.

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

**Condition 41: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**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 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<sub>x</sub> 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.

Monitoring Frequency: CONTINUOUS  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 42: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**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:

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

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**DESCRIPTION**

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

**Condition 43: Monitoring requirements.**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A**

**Item 43.1:**  
This Condition applies to Emission Unit: 1-TURBS

**Item 43.2:**  
All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

**Condition 44: Exemption from NOx standard.**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

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

**Item 44.1:**  
This Condition applies to Emission Unit: 1-TURBS

**Item 44.2:**  
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 45: -Monitoring of NOx emissions using CEMs**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 60.334, NSPS Subpart GG**

**Item 45.1:**  
This Condition applies to Emission Unit: 1-TURBS

**Item 45.2:**  
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 46: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 60.334, NSPS Subpart GG**

**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: 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 DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2015.

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

**Condition 47: Compliance Certification**

**Effective between the dates of 07/21/2015 and 07/20/2020**

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

**Item 47.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

**Item 47.2:**

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 NO<sub>x</sub>. In a letter dated July 1, 1993, EPA Region II granted approval for the facility to use NO<sub>x</sub> 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.

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Monitoring Frequency: CONTINUOUS  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 48: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 212.4 (a)**

**Item 48.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS  
Process: TBG

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

**Item 48.2:**

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 NOx Monitor

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per billion by volume (dry, corrected to 15% O<sub>2</sub>)

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 10/30/2015.

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

**Condition 49: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 212.4 (a)**

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS  
Process: TBG

Regulated Contaminant(s):



CAS No: 007664-41-7 AMMONIA

**Item 49.2:**

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 10/30/2015.

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

**Condition 50: Compliance Certification**

**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:6 NYCRR 212.4 (a)**

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 50.2:**

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% O<sub>2</sub>) 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% O<sub>2</sub>)

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 51: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 6 NYCRR 212.4 (a)**

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



**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.

(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 52: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 52.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG



**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 52.2:**

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 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.

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



The initial report is due 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 53: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 53.1:**

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 53.2:**

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:

For temperatures less than zero degrees Fahrenheit, CO emissions must not exceed 115 parts per million by volume corrected to 15% O<sub>2</sub>.

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% O<sub>2</sub>.

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% O<sub>2</sub>.

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% O<sub>2</sub>.

For temperatures greater than or equal to 60 F, CO emissions must not exceed 16 parts per million by volume corrected to 15% O<sub>2</sub>.

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

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



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% O<sub>2</sub>)  
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 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 54: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 54.1:**

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 54.2:**

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<sub>x</sub> 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<sub>x</sub> are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



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 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 55: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 55.1:**

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 55.2:**

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 NOx 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 NOx 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 10/30/2015.

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



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

**Condition 56: Compliance Certification**  
Effective between the dates of 07/21/2015 and 07/20/2020

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

**Item 56.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

**Item 56.2:**

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 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 57: Compliance Certification**  
Effective between the dates of 07/21/2015 and 07/20/2020

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

**Item 57.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

**Item 57.2:**

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

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 58: Compliance Certification**  
Effective between the dates of 07/21/2015 and 07/20/2020

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

**Item 58.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBG

**Item 58.2:**

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  
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 59: Compliance Certification**  
Effective between the dates of 07/21/2015 and 07/20/2020

**Applicable Federal Requirement:6 NYCRR 212.4 (a)**

**Item 59.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 59.2:**

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 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% O<sub>2</sub>)

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 10/30/2015.

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

**Condition 60: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 6 NYCRR 212.4 (a)**

**Item 60.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 60.2:**

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 10/30/2015.



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

**Condition 61: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 6 NYCRR 212.4 (a)**

**Item 61.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS  
Process: TBO

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

**Item 61.2:**

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 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 62: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 6 NYCRR 212.4 (a)**

**Item 62.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS  
Process: TBO

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

**Item 62.2:**

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,

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Facility DEC ID: 7312600127



corrected to 15% O<sub>2</sub>)  
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 63: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 63.1:**

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 63.2:**

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<sub>x</sub> in excess of 25 ppm, corrected to 15%O<sub>2</sub>, 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<sub>x</sub> 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% O<sub>2</sub>)  
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 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 64: Compliance Certification**



Effective between the dates of 07/21/2015 and 07/20/2020

Applicable Federal Requirement:40CFR 52.21, Subpart A

**Item 64.1:**

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 64.2:**

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.

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 65: Compliance Certification**

Effective between the dates of 07/21/2015 and 07/20/2020

Applicable Federal Requirement:40CFR 52.21, Subpart A

**Item 65.1:**

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 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



**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 66: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 66.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 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 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

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



**Condition 67: Compliance Certification**  
Effective between the dates of 07/21/2015 and 07/20/2020

**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: 000630-08-0 CARBON MONOXIDE

**Item 67.2:**

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 62 parts per million by volume corrected to 15% O<sub>2</sub>.

For temperatures greater than or equal to 40 F, but less than 60F, CO emissions must not exceed 34 parts per million by volume corrected to 15% O<sub>2</sub>.

For temperatures greater than or equal to 60 F, CO emissions must not exceed 19 parts per million by volume corrected to 15% O<sub>2</sub>.

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 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: 19 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

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Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 68: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**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

**Item 68.2:**

Compliance Certification shall include the following monitoring:

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

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 1/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 69: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 69.1:**

New York State Department of Environmental Conservation

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**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 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

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 70: Compliance Certification**

**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 70.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS

Process: TBO

**Item 70.2:**

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 1/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 71: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**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:

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.



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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 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 72: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 72.1:**

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 72.2:**

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 NOx 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 NOx are in continuous compliance, in accordance with a format prescribed elsewhere in this permit.

Manufacturer Name/Model Number: Horiba Instruments

**New York State Department of Environmental Conservation**

Permit ID: 7-3126-00127/00011

Facility DEC ID: 7312600127



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 10/30/2015.  
Subsequent reports are due every 3 calendar month(s).

**Condition 73: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

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

**Item 73.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-TURBS  
Process: TBO

**Item 73.2:**

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  
TURBINES. (SEE ATT. OD#2)

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 74: Compliance Certification**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

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

**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: 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 75: Contaminant List**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable State Requirement:ECL 19-0301**

**Item 75.1:**  
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 76: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 76.1:**

- (a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.
- (b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.
- (c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.
- (d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.
- (e) A violation of any applicable emission standard resulting from start-up, shutdown, or



malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 77: Compliance Demonstration**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable State Requirement:6 NYCRR 242-1.5**

**Item 77.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 77.2:**

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 CO<sub>2</sub> authorized account representative of each CO<sub>2</sub> budget source and each CO<sub>2</sub> 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 CO<sub>2</sub> requirements:

- (1) The owners and operators of each CO<sub>2</sub> budget source and each CO<sub>2</sub> budget unit at the source shall hold CO<sub>2</sub> allowances available for compliance deductions under Section 242-6.5, as of the CO<sub>2</sub> allowance transfer deadline, in the source's compliance account in an amount not less than the total CO<sub>2</sub> emissions for the control period from all CO<sub>2</sub> budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.
- (2) Each ton of CO<sub>2</sub> emitted in excess of the CO<sub>2</sub> budget emissions limitation shall constitute a separate violation of this Part and applicable state law.
- (3) A CO<sub>2</sub> 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) CO<sub>2</sub> allowances shall be held in, deducted from, or transferred among CO<sub>2</sub> Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.



(5) A CO<sub>2</sub> 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 CO<sub>2</sub> allowance was allocated. A CO<sub>2</sub> 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 CO<sub>2</sub> allowance under the CO<sub>2</sub> Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO<sub>2</sub> in accordance with the CO<sub>2</sub> Budget Trading Program. No provision of the CO<sub>2</sub> Budget Trading Program, the CO<sub>2</sub> budget permit application, or the CO<sub>2</sub> 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 CO<sub>2</sub> allowance under the CO<sub>2</sub> 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 1/30/2016.

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

**Condition 78: Compliance Demonstration**  
**Effective between the dates of 07/21/2015 and 07/20/2020**

**Applicable State Requirement:6 NYCRR 242-1.5**

**Item 78.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 78.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO<sub>2</sub> budget source and each CO<sub>2</sub> 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 CO<sub>2</sub> authorized account representative for the source and each CO<sub>2</sub> budget unit at the source and all documents that



demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR Part 242-2.4, provided that the certificate and documents shall be retained on site at the source beyond such 10-year period until such documents are superseded because of the submission of a new account certificate of representation.

(ii) All emissions monitoring information, in accordance with Subpart 242-8 and 40 CFR 75.57.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CO2 Budget Trading Program.

(iv) Copies of all documents used to complete a CO2 budget permit application and any other submission under the CO2 Budget Trading Program or to demonstrate compliance with the requirements of the CO2 Budget Trading Program.

The CO2 authorized account representative of a CO2 budget source and each CO2 budget unit at the source shall submit the reports and compliance certifications required under the CO2 Budget Trading Program, including those under Subpart 242-4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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



