



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 1-2824-00947/00004  
Effective Date: 01/11/2016 Expiration Date: 01/10/2021

Permit Type: Title IV (Phase II Acid Rain)  
Permit ID: 1-2824-00947/00010  
Effective Date: 01/11/2016 Expiration Date: 01/10/2021

Permit Issued To: BETHPAGE ENERGY CENTER 3 LLC  
717 TEXAS AVE STE 1000  
HOUSTON, TX 77002

TBG COGEN PARTNERS  
717 TEXAS AVE STE 1000  
HOUSTON, TX 77002

CPN BETHPAGE 3RD TURBINE INC  
717 TEXAS AVE STE 1000  
HOUSTON, TX 77002

Contact: GREG PIKUL  
CALPINE CORPORATION  
500 DELAWARE AVE STE 600  
WILMINGTON, DE 19801  
(302) 468-5311

Facility: TBG COGEN FACILITY  
939 S BROADWAY  
HICKSVILLE, NY 11801-5032

Contact: IGOR BORISOV  
BETHPAGE ENERGY CENTER 3 LLC  
939 SOUTH BROADWAY  
HICKSVILLE, NY 11801  
(516) 349-8340

Description:

This a modification and renewal of the facility's Title V permit, and a renewal of the facility's Title IV permit. The Title V modification consists of the removal of a duct burner from one combined cycle plant, deletion of related processes, addition/amendment of startup & shutdown definitions, updates related to regulatory changes, and miscellaneous administrative updates.

The TBG facility includes two combined cycle power plants and a peaking power plant. One combined cycle plant consists of two identical GE



LM2500 combustion turbines, two heat recovery boilers and steam turbine generator; the LM2500 units are permitted to fire natural gas and distillate oil. The second combined cycle power plant consists of one GE LM6000 combustion turbine and once-through boiler with duct burner permitted to fire natural gas exclusively, and a steam turbine. The peaking power plant consists of one GE LM6000 combustion turbine permitted to fire natural gas only.

The facility also has a gas-fired auxiliary boiler to provide a simple cycle gas turbine with inlet heating when the combined cycle plant is out of service, and furnace space heaters which are used to provide space heating for the turbine building of Emission Unit U-00003. These sources are exempt from permitting requirements.

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:           ROGER EVANS  
  NYSDEC - REGION 1 SUNY @ STONY BROOK  
  50 CIRCLE RD  
  STONY BROOK, NY 11790-3409

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 1 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 renewal application at least 180 days before expiration of permits for both Title V and 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 1 HEADQUARTERS**

**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 1 Headquarters  
Division of Environmental Permits  
Stony Brook University  
50 Circle Road  
Stony Brook, NY 11790-3409  
(631) 444-0365

**New York State Department of Environmental Conservation**

Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



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

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: BETHPAGE ENERGY CENTER 3 LLC  
717 TEXAS AVE STE 1000  
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717 TEXAS AVE STE 1000  
HOUSTON, TX 77002

Facility: TBG COGEN FACILITY  
939 S BROADWAY  
HICKSVILLE, NY 11801-5032

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

Permit Effective Date: 01/11/2016

Permit Expiration Date: 01/10/2021



## 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 (g): Compliance Certification
- 25 6 NYCRR 225-1.2 (h): Compliance Certification
- 26 6 NYCRR 227-1.3 (a): Compliance Certification
- 27 6 NYCRR 227-2.4 (e) (3): Compliance Certification
- 28 6 NYCRR 231-2.4: Emission Reduction Credits
- 29 40CFR 52.21, Subpart A: Compliance Certification
- 30 40CFR 52.21, Subpart A: Compliance Certification
- 31 40CFR 52.21, Subpart A: Compliance Certification
- 32 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 33 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 34 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 35 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 36 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 37 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 38 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 39 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 40 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 41 40CFR 60.12, NSPS Subpart A: Circumvention.
- 42 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 43 40CFR 60.13, NSPS Subpart A: Compliance Certification





- 44 40CFR 60.14, NSPS Subpart A: Modifications.
- 45 40CFR 60.15, NSPS Subpart A: Reconstruction
- 46 40CFR 60.332, NSPS Subpart GG: Compliance Certification
- 47 40 CFR Part 72: Facility Subject to Title IV Acid Rain Regulations and Permitting
- 48 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 49 40CFR 97.506, Subpart BBBBB: Compliance Certification
- 50 40CFR 97.606, Subpart CCCCC: Compliance Certification

**Emission Unit Level**

- 51 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 52 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

**EU=U-00002**

- 53 6 NYCRR Subpart 201-6: Compliance Certification
- 54 6 NYCRR Subpart 201-6: Compliance Certification
- 55 6 NYCRR Subpart 201-6: Compliance Certification
- 56 6 NYCRR Subpart 201-6: Compliance Certification
- 57 6 NYCRR Subpart 201-6: Compliance Certification
- 58 6 NYCRR Subpart 201-6: Compliance Certification
- 59 6 NYCRR Subpart 201-6: Compliance Certification
- 60 6 NYCRR Subpart 201-6: Compliance Certification
- 61 6 NYCRR 227-2.4 (e) (3): Compliance Certification

**EU=U-00003**

- 62 6 NYCRR Subpart 201-6: Compliance Certification
- 63 6 NYCRR Subpart 201-6: Compliance Certification
- 64 6 NYCRR Subpart 201-6: Compliance Certification
- 65 6 NYCRR Subpart 201-6: Compliance Certification
- 66 6 NYCRR Subpart 201-6: Compliance Certification
- 67 6 NYCRR Subpart 201-6: Compliance Certification
- 68 6 NYCRR Subpart 201-6: Compliance Certification
- 69 6 NYCRR Subpart 201-6: Compliance Certification
- 70 6 NYCRR Subpart 201-6: Compliance Certification
- 71 6 NYCRR Subpart 201-6: Compliance Certification
- 72 6 NYCRR Subpart 201-6: Compliance Certification
- 73 6 NYCRR Subpart 201-6: Compliance Certification
- 74 6 NYCRR 227-2.4 (e) (3): Compliance Certification

**EU=U-00010**

- 75 6 NYCRR Subpart 201-6: Compliance Certification
- 76 40CFR 52.21, Subpart A: Compliance Certification
- 77 40CFR 52.21, Subpart A: Compliance Certification
- 78 40CFR 52.21, Subpart A: Compliance Certification
- 79 40CFR 52.21, Subpart A: Compliance Certification
- 80 40CFR 52.21, Subpart A: Compliance Certification
- 81 40CFR 52.21, Subpart A: Compliance Certification
- 82 40CFR 52.21, Subpart A: Compliance Certification

**EU=U-00010,Proc=GM1**

- 83 6 NYCRR Subpart 201-6: Compliance Certification

**EU=U-00010,Proc=GTG**



84 6 NYCRR Subpart 201-6: Compliance Certification

**EU=U-00010,Proc=GTO**

85 6 NYCRR Subpart 201-6: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

86 ECL 19-0301: Contaminant List

87 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

88 6 NYCRR 211.2: Visible Emissions Limited

89 6 NYCRR 242-1.5: CO2 Budget Trading Program - Excess emission requirements

90 6 NYCRR 242-1.5: Compliance Demonstration

91 6 NYCRR 242-1.5: Compliance Demonstration

92 6 NYCRR 242-8.5: 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 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:6 NYCRR 200.6**

**Item 1.1:**

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

**Condition 2: Fees  
Effective between the dates of 01/11/2016 and 01/10/2021**

**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 01/11/2016 and 01/10/2021**

**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 01/11/2016 and 01/10/2021**

**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 01/11/2016 and 01/10/2021**

**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 7/30/2016.

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

**Condition 6: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**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.

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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 1 Headquarters  
Stony Brook University  
50 Circle Road  
Stony Brook, NY 11790-3409

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 1/30/2017.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.



**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

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 01/11/2016 and 01/10/2021**

**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 01/11/2016 and 01/10/2021**

**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 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement: 6 NYCRR 200.7**

**Item 10.1:**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of



maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Condition 11: Recycling and Salvage**  
Effective between the dates of 01/11/2016 and 01/10/2021

**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 01/11/2016 and 01/10/2021

**Applicable Federal Requirement:6 NYCRR 201-1.8**

**Item 12.1:**

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

**Condition 13: Exempt Sources - Proof of Eligibility**  
Effective between the dates of 01/11/2016 and 01/10/2021

**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 01/11/2016 and 01/10/2021

**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 01/11/2016 and 01/10/2021

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









**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 01/11/2016 and 01/10/2021**

**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: U-00002

Emission Unit Description:

A GE LM6000 PC Sprint combustion turbine. The turbine exclusively fires natural gas and has a nominal net electrical power output of less than 50 MW. The turbine employs selective catalytic reduction for NOx control and an oxidation catalyst system for CO control.

Building(s): CT

**Item 21.2:**

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

Emission Unit: U-00003

Emission Unit Description:

This emission unit will consist of a GE LM6000 SPRINT combined cycle combustion turbine, a once through steam generator equipped with duct burners. The combustion turbine and the duct burners will operate exclusively on natural gas.

Building(s): CTG3

**Item 21.3:**

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

Emission Unit: U-00010

Emission Unit Description:

Two identical GE Model LM2500 PE gas turbines and associated HRSG. The gas turbines may fire natural gas, distillate oil, or mixed fuel (gas/oil). Each turbine/HRSG combustion unit is 254 MMBtu/hr. The total heat input for both of the GT/HRSG's combined is 508 MMBtu/hr. There is one emission point for this emission unit consisting of the aggregate of two stacks, one for each combustion



turbine/HRSG combustion unit.

Building(s): 1

**Condition 22: Progress Reports Due Semiannually**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**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 01/11/2016 and 01/10/2021**

**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. 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 01/11/2016 and 01/10/2021**

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

**Item 24.1:**

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

Emission Unit: U-00010

**Item 24.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS





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  
Reference Test Method: ASTM D-2622  
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 26: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 26.1:**

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

Emission Unit: U-00010  
Process: GTO

**Item 26.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the



potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the Method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 27: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 27.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00010

Process: GTG

Regulated Contaminant(s):

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

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

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Facility DEC ID: 1282400947



Requirements for turbines under Part 227-2 are made on a case by case basis, based of the RACT plan submitted by the facility. The owner/operator shall measure all NOx emissions with a continuous emission monitoring system (CEMS) as described in 6NYCRR 227-2.6(b). Exceedances shall be reported the NYSDEC.

Manufacturer Name/Model Number: CEMS
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 42 parts per million by volume (dry, corrected to 15% O2)
Reference Test Method: CEMS
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 28: Emission Reduction Credits
Effective between the dates of 01/11/2016 and 01/10/2021

Applicable Federal Requirement:6 NYCRR 231-2.4

Item 28.1:

To satisfy the emissionn offset requirements of Part 231, the facility has obtained 34.62 tpy of NOx Emission Reduction Credits ( ERC's ) from the following sources:

Table with 3 columns: Facility Name, DEC ID #, ERC's ( tpy ). Rows include Morgan Stanley and Stony Brook Facility.

Condition 29: Compliance Certification
Effective between the dates of 01/11/2016 and 01/10/2021

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 29.1:

**New York State Department of Environmental Conservation**

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Facility DEC ID: 1282400947



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

Emission Unit: U-00010  
Process: GTO

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

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Compliance with the Nitrogen Oxide emission limit is demonstrated using a Continuous Emission Monitor. This limit shall apply at all times except during periods of start-up, shutdown or malfunction.

Manufacturer Name/Model Number: CEMS

Upper Permit Limit: 65 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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 30: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 30.1:**

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

Emission Unit: U-00010  
Process: GM1

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

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Compliance with the Nitrogen Oxide emission limit is demonstrated using a Continuous Emission Monitor. This



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limit shall apply at all times except during periods of start-up, shutdown or malfunction.

Manufacturer Name/Model Number: CEMS  
Upper Permit Limit: 60 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: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 31: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**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:  
FUEL OIL CONSUMPTION IS LIMITED TO A ROLLING ANNUAL AVERAGE OF 11.1 MILLION GALLONS PER YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT  
Process Material: NUMBER 2 OIL  
Upper Permit Limit: 11100000.0 gallons per year  
Reference Test Method: NA  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 32: EPA Region 2 address.**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A**

**Item 32.1:**  
All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:





**Applicable Federal Requirement:40CFR 60.8(a), NSPS Subpart A**

**Item 36.1:**

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

**Condition 37: Performance test methods.**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 60.8(b), NSPS Subpart A**

**Item 37.1:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

**Condition 38: Required performance test information.**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 60.8(c), NSPS Subpart A**

**Item 38.1:**

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operator of the facility.

**Condition 39: Prior notice.**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 60.8(d), NSPS Subpart A**

**Item 39.1:**

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

**Condition 40: Performance testing facilities.**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 60.8(e), NSPS Subpart A**

**Item 40.1:**

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.



**Condition 41: Circumvention.**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A**

**Item 41.1:**

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

**Condition 42: Monitoring requirements.**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 42.1:**

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

**Condition 43: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 43.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continuous compliance with the applicable CO and NO<sub>x</sub> emission limits shall be demonstrated by CEMS monitoring data. Based on the CEMS data, a separate compliance determination is conducted at the end of each period and a new average emission rate is calculated based on the arithmetic average of all valid hourly emission rates from the previous period. Valid hourly emission rates shall not include periods of startup or shutdown. A valid hourly emission rate shall be calculated for each hour in which at least two measurements are obtained at least 15 minutes apart. If possible a valid hourly emission rate shall be calculated using at least four measurements obtained at least 15 minutes apart.

Reference Test Method: 40 CFR 60.13

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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Averaging Method: ARITHMETIC MEAN

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 44: Modifications.**

**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A**

**Item 44.1:**

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

**Condition 45: Reconstruction**

**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A**

**Item 45.1:**

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

**Condition 46: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 46.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00010

Process: GTO

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Regulated Contaminant(s):

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

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A NOx Continuous Emission Monitor system is used to demonstrate compliance with Subpart GG. This limit shall apply at all times except during periods of start-up, shutdown or malfunction.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 96.4 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR App B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 47: Facility Subject to Title IV Acid Rain Regulations and Permitting**

Effective between the dates of 01/11/2016 and 01/10/2021

Applicable Federal Requirement:40 CFR Part 72

**Item 47.1: This facility is subject to the Title IV Acid Rain Regulations found in 40 CFR Parts 72, 73, 75, 76, 77 and 78. The Acid Rain Permit is an attachment to this permit.**

**Condition 48: Compliance Certification**

Effective between the dates of 01/11/2016 and 01/10/2021

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

**Item 48.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 48.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an



alternate designated representative, in accordance with §§97.413 through 97.418 of Subpart AAAAA. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR NOx Annual source (facility) and each TR NOx Annual Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.430 through 97.435 of Subpart AAAAA and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR NOx Annual allowances and to determine compliance with the TR NOx Annual emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NOx Annual facility and each TR NOx Annual Unit at the facility shall hold, in the facilities compliance account, TR NOx Annual allowances available for deduction for such control period under §97.424(a) in an amount not less than the tons of total NOx emissions for such control period from all TR NOx Annual Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 49: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 97.506, Subpart BBBBB**

**Item 49.1:**

The Compliance Certification activity will be performed for the Facility.



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

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.513 through 97.518 of Subpart BBBBB. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.
- (2) The facility, and the designated representative, of each TR NO<sub>x</sub> Ozone Season source (facility) and each TR NO<sub>x</sub> Ozone Season Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.530 through 97.535 of Subpart BBBBB and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.
- (3) The emissions data determined shall be used to calculate allocations of TR NO<sub>x</sub> Ozone Season allowances and to determine compliance with the TR NO<sub>x</sub> Ozone Season emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NO<sub>x</sub> Ozone Season facility and each TR NO<sub>x</sub> Ozone Season Unit at the facility shall hold, in the facilities compliance account, TR NO<sub>x</sub> Ozone Season allowances available for deduction for such control period under §97.524(a) in an amount not less than the tons of total NO<sub>x</sub> emissions for such control period from all TR NO<sub>x</sub> Ozone Season Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING





DESCRIPTION  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 50: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable Federal Requirement:40CFR 97.606, Subpart CCCCC**

**Item 50.1:**

The Compliance Certification activity will be performed for the Facility.

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

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.613 through 97.618 of Subpart CCCCC. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.
- (2) The facility, and the designated representative, of each TR SO<sub>2</sub> Group 1 source (facility) and each TR SO<sub>2</sub> Group 1 Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.630 through 97.635 of Subpart CCCCC and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.
- (3) The emissions data determined shall be used to calculate allocations of TR SO<sub>2</sub> Group 1 allowances and to determine compliance with the TR SO<sub>2</sub> Group 1 emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year,

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the owners and operators of each TR SO2 Group 1 facility and each TR SO2 Group 1 Unit at the facility shall hold, in the facilities compliance account, TR SO2 Group 1 allowances available for deduction for such control period under §97.624(a) in an amount not less than the tons of total SO2 emissions for such control period from all TR SO2 Group 1 Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 51: Emission Point Definition By Emission Unit  
Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 51.1:**

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 80

Diameter (in.): 111

NYTMN (km.): 4511.523 NYTME (km.): 629.633 Building: CT

**Item 51.2:**

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

Emission Unit: U-00003

Emission Point: U0003

Height (ft.): 100

Diameter (in.): 79

NYTMN (km.): 4511.523 NYTME (km.): 629.633 Building: CTG3

**Item 51.3:**

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

Emission Unit: U-00010

Emission Point: 00001

Height (ft.): 100

Diameter (in.): 79

NYTMN (km.): 4511.423 NYTME (km.): 628.233 Building: 1

**Condition 52: Process Definition By Emission Unit  
Effective between the dates of 01/11/2016 and 01/10/2021**

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



**Item 52.1:**

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

Emission Unit: U-00002  
Process: 003 Source Classification Code: 2-03-002-03  
Process Description:  
GE LM6000 COMBUSTION TURBINE FIRING  
EXCLUSIVELY NATURAL GAS. NOx emissions are  
controlled vi SCR and CO emissions are  
controlled with a Catalytic oxidation  
unit.

Emission Source/Control: 00007 - Combustion  
Design Capacity: 475 million Btu per hour

Emission Source/Control: 00009 - Control  
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

**Item 52.2:**

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

Emission Unit: U-00003  
Process: CCT Source Classification Code: 2-03-002-03  
Process Description:  
GE LM6000 SPRINT combustion turbine firing exclusively  
natural gas. NOx emissions are controlled via SCR; and CO  
emissions are controlled with a catalytic oxidation unit.

Emission Source/Control: 0CCCT - Combustion  
Design Capacity: 475 million BTUs per hour

Emission Source/Control: C0003 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: SCR03 - Control  
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

**Item 52.3:**

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

Emission Unit: U-00010  
Process: GM1 Source Classification Code: 2-03-002-03  
Process Description:  
Two identical GE combustion turbines firing mixed fuel  
(natural gas and distillate oil). NOx emissions are  
controlled by steam injections; and CO emissions are  
controlled with a catalytic oxidation unit. The design  
capacity of U0001 is 508 MMBtu/hr (254 MMBty/hr for each  
GT/HRSG).

Emission Source/Control: 000GT - Combustion

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Design Capacity: 508 million Btu per hour

Emission Source/Control: COX01 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: STM01 - Control  
Control Type: STEAM INJECTION

**Item 52.4:**

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

Emission Unit: U-00010

Process: GTG

Source Classification Code: 2-03-002-03

Process Description:

TWO IDENTICAL GE COMBUSTION TURBINES (each rated at 254 MMBtu/hr) FIRING NATURAL GAS. NOX EMISSIONS ARE CONTROLLED WITH STEAM INJECTION AND CO EMISSIONS ARE CONTROLLED WITH A CATALYTIC OXIDATION UNIT.

Emission Source/Control: 000GT - Combustion  
Design Capacity: 508 million Btu per hour

Emission Source/Control: COX01 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: STM01 - Control  
Control Type: STEAM INJECTION

**Item 52.5:**

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

Emission Unit: U-00010

Process: GTO

Source Classification Code: 2-03-001-02

Process Description:

TWO IDENTICAL GE COMBUSTION TURBINES (each rated at 254 MMBtu/hr) FIRING OIL. NOX EMISSIONS ARE CONTROLLED WITH STEAM INJECTION AND CO EMISSIONS ARE CONTROLLED WITH A CATALYTIC OXIDATION UNIT.

Emission Source/Control: 000GT - Combustion  
Design Capacity: 508 million Btu per hour

Emission Source/Control: COX01 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: STM01 - Control  
Control Type: STEAM INJECTION

**Condition 53: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**



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

**Item 53.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

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

**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The facility shall install, calibrate, maintain, and operate a continuous emission monitor for ammonia slip, in accordance with manufacturer's specifications. This limit shall apply at all times except during periods of start-up or shutdown. Emission in excess of this limit shall be reported on a semiannual basis through the facility excess emission report. All records shall be maintained at the facility for a minimum of five years.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: AMMONIA

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

Reference Test Method: Method 027

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 54: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 54.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

**Item 54.2:**

Compliance Certification shall include the following monitoring:

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

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**Monitoring Description:**

A shutdown shall be defined as the period of time when the stop signal is initiated to when the fuel is no longer being combusted in the engine, not to exceed 20 minutes per occurrence. The owner or operator shall record each period of shutdown and its duration. A report consisting of the recorded information shall be submitted to the Department on a semiannual basis with the facility's required excess emissions report. All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: DURATION OF SHUTDOWN

Upper Permit Limit: 20 minutes

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 55: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 55.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 55.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The facility shall install, calibrate, maintain, and operate a continuous emissions monitor for ammonia slip, in accordance with the manufacturer's specifications.

This limit shall apply during periods of start-up or shutdown. Emissions in excess of this limit shall be reported on a semiannual basis through the facility's excess emissions report. All records shall be maintained at the facility for a minimum of five years.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: AMMONIA

Upper Permit Limit: 7.4 pounds

Reference Test Method: 40 CFR 60 App. F

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Permit ID: 1-2824-00947/00004

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Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 56: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 56.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Oxides of Nitrogen, NO<sub>x</sub>, Continuous Emission Monitor is required. The limit of 5 pounds in 20 minutes shall apply only during periods of shut-down, not to be exceeded per occurrence. Emissions in excess of this limit shall be reported on a semiannual basis through the facility excess emission report.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 5.0 pounds

Reference Test Method: 40CFR75

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 57: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 57.1:**

The Compliance Certification activity will be performed for:

**New York State Department of Environmental Conservation**

Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



Emission Unit: U-00002

Regulated Contaminant(s):

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

**Item 57.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Oxides of Nitrogen, NO<sub>x</sub>, Continuous Emission Monitor is required. The limit of 15 pounds in 30 minutes shall apply only during periods of start-up, not to be exceeded per occurrence. Emissions in excess of this limit shall be reported on a semiannual basis through the facility excess emission report.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 15 pounds

Reference Test Method: 40CFR75

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 58: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 58.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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

**Item 58.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Compliance with the Oxides of Nitrogen, NO<sub>x</sub>, is demonstrated through the use of a NO<sub>x</sub> continuous emission monitor. The facility shall determine compliance based on an hour average for this emission unit (EU 00002). This limit shall apply at all times except during periods of



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start-up, shutdown or malfunction. Emission in excess of this limit shall be reported on a semiannual basis through the facility excess emission report. All records shall be maintained at the facility for a minimum of five years.

Manufacturer Name/Model Number: CEMS  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 2.5 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40CFR60 App. B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 59: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 59.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):  
CAS No: 000630-08-0 CARBON MONOXIDE

**Item 59.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Compliance with the Carbon Monoxide,CO, limit is demonstrated using a continuous emission monitor. This limit shall apply at all times except during periods of start-up, shutdown or malfunction. The facility shall determine compliance based on an hour average for this emission unit (EU 00002). All records shall be maintained at the facility for a minimum of five years.

Manufacturer Name/Model Number: CEMS  
Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 5.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40CFR60 App. B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.



The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 60: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 60.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

**Item 60.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A start-up shall be defined as the period of time when the gas turbine begins firing fuel until the point when the control equipment operation has achieved a concentration rate of 2.5 ppmvd ( at 15% O<sub>2</sub> ) for oxides of nitrogen and a concentration of 5.0 ppmvd (at 15% O<sub>2</sub>) for carbon monoxide, and remains within both limits for 10 minutes. This period shall be limited to 30 minutes per occurrence. The owner or operator shall record each period of start-up and its duration. A report consisting of the recorded information shall be submitted to the Department on a semiannual basis with the facility's required excess emissions report. All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 30 minutes

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER  
OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 61: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 61.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

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Regulated Contaminant(s):

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

**Item 61.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Requirements for turbines under Part 227-2 are made on a case by case basis, based of the RACT plan submitted by the facility. The owner/operator shall measure all NOx emissions with a continuous emission monitoring system (CEMS) as described in 6NYCRR 227-2.6(b). Exceedances shall be reported the NYSDEC.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.5 parts per million by volume  
(dry, corrected to 15% O2)

Reference Test Method: CEMS

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 62: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 62.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility was previously limited to combined cycle operation. The facility will be allowed to operate in simple cycle mode. The same emission limits and monitoring requirements apply during either mode of operation. The facility will maintain a log that records the hours of operation under both combined and simple cycle modes. These records must be kept for a minimum of five years. This log must be kept at the facility and available for inspection by the Department.

Monitoring Frequency: CONTINUOUS



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 63: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 63.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

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:

Oxides of Nitrogen, NO<sub>x</sub>, Continuous Emission Monitor is required. The limit of 80 pounds in 4 hours shall apply only during periods of shut down, not to be exceeded per occurrence. Emissions in excess of this limit shall be reported on a semiannual basis through the facility excess emission report.

Manufacturer Name/Model Number: CEMS

Upper Permit Limit: 80 pounds

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 64: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 64.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Regulated Contaminant(s):

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

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Permit ID: 1-2824-00947/00004

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**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Oxides of Nitrogen, NO<sub>x</sub>, Continuous Emission Monitor is required. The limit of 200 pounds in 4 hours shall apply only during periods of start-up, not to be exceeded per occurrence. Emissions in excess of this limit shall be reported on a semiannual basis through the facility excess emission report.

Manufacturer Name/Model Number: CEMS

Upper Permit Limit: 200 pounds

Reference Test Method: NA

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2016.

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

**Condition 65: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 65.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

**Item 65.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A start-up shall be defined as the period of time when the gas turbine begins firing fuel until the point when the control equipment operation has achieved a concentration rate of 2.5 ppmvd ( at 15% O<sub>2</sub> ) for oxides of nitrogen and a rate of 10.3lb/hr for carbon monoxide, and remains within both limits for 10 minutes. This period shall be limited to 4 hours per occurrence. The owner or operator shall record each period of start-up and its duration. A report consisting of the recorded information shall be submitted to the Department on a semiannual basis with the facility's required excess emissions report. All records shall be maintained at the facility for a minimum of five years.

New York State Department of Environmental Conservation

Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



Parameter Monitored: DURATION OF START UP  
Upper Permit Limit: 4 hours  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 66: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 66.1:**  
The Compliance Certification activity will be performed for:

Emission Unit: U-00003

**Item 66.2:**  
Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A shutdown shall be defined as the period of time when the stop signal is initiated to when the fuel is no longer being combusted in the engine, not to exceed 4 hours per occurrence. The owner or operator shall record each period of shutdown and its duration. A report consisting of the recorded information shall be submitted to the Department on a semiannual basis with the facility's required excess emissions report. All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: DURATION OF SHUTDOWN  
Upper Permit Limit: 4 hours  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 67: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**New York State Department of Environmental Conservation**

Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



**Item 67.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

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

**Item 67.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This limit shall apply when the gas turbine is operating without the duct burner.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: AMMONIA

Upper Permit Limit: 6.33 pounds per hour

Reference Test Method: 40CFR Part 60

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 68: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 68.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

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

**Item 68.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This limit shall apply when the gas turbine is operating with duct firing.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: AMMONIA

Upper Permit Limit: 9.70 pounds per hour

Reference Test Method: 40 CFR Prt 60

**New York State Department of Environmental Conservation**

Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 69: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 69.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Regulated Contaminant(s):  
CAS No: 000630-08-0 CARBON MONOXIDE

**Item 69.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:

This limit shall apply when the gas turbine is operating  
with duct firing.

Manufacturer Name/Model Number: CEMS  
Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 10.30 pounds per hour  
Reference Test Method: 40 CFR Part 60  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 70: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 70.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

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



**New York State Department of Environmental Conservation**

Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



**Item 70.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This limit shall apply when the gas turbine is operating in combined cycle with duct firing.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.60 pounds per hour

Reference Test Method: 40 CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 71: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 71.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

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:

This limit shall apply when gas turbine is operating without duct firing

Manufacturer Name/Model Number: CEMS

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 7.75 pounds per hour

Reference Test Method: 40 CFR Part 60

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 72: Compliance Certification**

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Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



Effective between the dates of 01/11/2016 and 01/10/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

**Item 72.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

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:

This facility shall install, calibrate, maintain, and operate a continuous 40CFR Part 75 emissions monitor for measuring and recording Oxides of Nitrogen. The facility shall also install either a continuous monitor for Oxygen or Carbon Dioxide. All records shall be maintained at the facility for at least five years. The 2.5 ppmvd limit for natural gas firing shall be applicable at all times except during periods of start-up, shutdown or malfunction.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.5 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 73: Compliance Certification**

Effective between the dates of 01/11/2016 and 01/10/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

**Item 73.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 73.2:**

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Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of this facility shall install, calibrate, maintain, and operate a continuous emission monitor for ammonia slip. Records shall be maintained at the facility for a minimum of five years.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: AMMONIA

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

Reference Test Method: 40 CFR Part 60

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 74: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 74.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Regulated Contaminant(s):

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

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Requirements for turbines under Part 227-2 are made on a case by case basis, based of the RACT plan submitted by the facility. The owner/operator shall measure all NO<sub>x</sub> emissions with a continuous emission monitoring system (CEMS) as described in 6NYCRR 227-2.6(b). Exceedances shall be reported the NYSDEC.

Manufacturer Name/Model Number: CEMS

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.5 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: CEMS

Monitoring Frequency: CONTINUOUS

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Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 75: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 75.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

**Item 75.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

When a shutdown shall be defined as the period of time when the stop signal is initiated to when the fuel is no longer being combusted in the engine, not to exceed 4 hour per occurrence. The owner or operator shall record each period of shutdown and its duration. A report consisting of the recorded information shall be submitted to the Department on a semiannual basis with the facility's required excess emission report. All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: DURATION OF SHUTDOWN

Upper Permit Limit: 4 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER  
OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 76: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 76.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

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Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



**Item 76.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Carbon Monoxide control equipment shall be used whenever the turbines are being operated. The CO catalyst is integral to the combustion unit and by design must operate when the turbine/HRSG is on-line.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 77: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 77.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 77.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the PM/PM10 limit was demonstrated during the initial compliance test and through manufacturer's specifications. The initial test report was submitted to NYSDEC following the completion of the performance test.

Upper Permit Limit: 7.5 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 78: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

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Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



**Item 78.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 78.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the PM/PM10 limit was demonstrated during the initial compliance test and through manufacturer's specifications. The initial test report was submitted to NYSDEC following the completion of the performance test.

Upper Permit Limit: 0.031 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 79: Compliance Certification**

**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 79.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 79.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the non-methane hydrocarbon emission limit was demonstrated using manufacturer's specifications during initial permitting of the project.

Parameter Monitored: VOC

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: NA

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



**Condition 80: Compliance Certification**  
Effective between the dates of 01/11/2016 and 01/10/2021

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

**Item 80.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 80.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the non-methane hydrocarbon emission limit was demonstrated using manufacturer's specifications during initial permitting of the project.

Parameter Monitored: VOC

Upper Permit Limit: 7.6 pounds per hour

Reference Test Method: NA

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 81: Compliance Certification**  
Effective between the dates of 01/11/2016 and 01/10/2021

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

**Item 81.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

Regulated Contaminant(s):  
CAS No: 000630-08-0 CARBON MONOXIDE

**Item 81.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous Emission Monitoring of Carbon Monoxide is required.

Manufacturer Name/Model Number: CEMS

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Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 0.102 pounds per million Btus  
Reference Test Method: 40 CFR 60 APP B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 82: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 82.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

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

**Item 82.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM/PM10 from the processes/sources identified above are limited to 3.0 lb/hr. Compliance with the PM/PM10 limit was demonstrated during the initial compliance test and through manufacturer's specifications. The initial test report was submitted to NYSDEC following the completion of the performance test.

Upper Permit Limit: 3.0 pounds per hour  
Reference Test Method: EPA METHOD 5  
Monitoring Frequency: SINGLE OCCURRENCE  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 83: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 83.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010  
Process: GM1



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Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



**Item 83.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

When firing mixed fuel (natural gas or oil), a start-up shall be defined as the period of time when the gas turbine begins firing fuel until the point when the control equipment operation has achieved a concentration of 60.0 ppmvd (at 15% O<sub>2</sub>) for Oxides of Nitrogen and a rate of 0.102 lb/MMBtu of Carbon Monoxide, and remains within both limits for 10 minutes. This period shall be limited to 4 hours per occurrence. The owner or operator shall record each period of start-up and its duration. A report consisting of the recorded information shall be submitted to the Department on a semiannual basis with the facility's required excess emission report. All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 4 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER  
OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 84: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 84.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

Process: GTG

**Item 84.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

When firing natural gas, a start-up shall be defined as the period of time when the gas turbine begins firing fuel until the point when the control equipment operation has achieved a concentration of 42.0 ppmvd (at 15% O<sub>2</sub>) for

**New York State Department of Environmental Conservation**

Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



Oxides of Nitrogen and a rate of 0.102 lb/MMBtu of Carbon Monoxide, and remains within both limits for 10 minutes. This period shall be limited to 4 hours per occurrence. The owner or operator shall record each period of start-up and its duration. A report consisting of the recorded information shall be submitted to the Department on a semiannual basis with the facility's required excess emission report. All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 4 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 85: Compliance Certification**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 85.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00010

Process: GTO

**Item 85.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

When firing distillate oil, a start-up shall be defined as the period of time when the gas turbine begins firing fuel until the point when the control equipment operation has achieved a concentration of 65.0 ppmvd (at 15% O<sub>2</sub>) for Oxides of Nitrogen and a rate of 0.102 lb/MMBtu of Carbon Monoxide, and remains within both limits for 10 minutes. This period shall be limited to 4 hours per occurrence. The owner or operator shall record each period of start-up and its duration. A report consisting of the recorded information shall be submitted to the Department on a semiannual basis with the facility's required excess emission report. All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: DURATION OF START UP

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Upper Permit Limit: 4 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER  
OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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



**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 86: Contaminant List**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 86.1:**  
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000124-38-9  
Name: CARBON DIOXIDE



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: 0NY210-00-0  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0  
Name: VOC

**Condition 87: Malfunctions and start-up/shutdown activities  
Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 87.1:**

(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 88: Visible Emissions Limited**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 88.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 89: CO2 Budget Trading Program - Excess emission requirements**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 89.1:**

The owners and operators of a CO2 budget source that has excess emissions in any control period shall:

- (1) forfeit the CO2 allowances required for deduction under 6 NYCRR Part 242-6.5(d)(1), provided CO2 offset allowances may not be used to cover any part of such excess emissions; and
- (2) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR Part 242-6.5(d)(2).

**Condition 90: Compliance Demonstration**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 90.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 90.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators and, to the extent applicable, the CO2 authorized account representative of each CO2 budget source and each CO2 budget unit at the source shall comply with the monitoring requirements of Subpart 242-8. The emissions measurements recorded and reported in accordance with Subpart 242-8 of this Part shall be used



to determine compliance by the unit with the following CO2 requirements:

(1) The owners and operators of each CO2 budget source and each CO2 budget unit at the source shall hold CO2 allowances available for compliance deductions under Section 242-6.5, as of the CO2 allowance transfer deadline, in the source's compliance account in an amount not less than the total CO2 emissions for the control period from all CO2 budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.

(2) Each ton of CO2 emitted in excess of the CO2 budget emissions limitation shall constitute a separate violation of this Part and applicable state law.

(3) A CO2 budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1, 2009 or the date on which the unit commences operation.

(4) CO2 allowances shall be held in, deducted from, or transferred among CO2 Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.

(5) A CO2 allowance shall not be deducted, in order to comply with the requirements specified in item 1, for a control period that ends prior to the allocation year for which the CO2 allowance was allocated. A CO2 offset allowance shall not be deducted, in order to comply with the requirements under item 1, beyond the applicable percent limitations set out in 6NYCRR Part 242-6.5(a)(3).

(6) A CO2 allowance under the CO2 Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO2 in accordance with the CO2 Budget Trading Program. No provision of the CO2 Budget Trading Program, the CO2 budget permit application, or the CO2 budget permit or any provision of law shall be construed to limit the authority of the Department or a participating state to terminate or limit such authorization.

(7) A CO2 allowance under the CO2 Budget Trading Program does not constitute a property right.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 91: Compliance Demonstration**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

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

**Item 91.1:**  
The Compliance Demonstration activity will be performed for the Facility.

**Item 91.2:**  
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 CO<sub>2</sub> Budget Trading Program.

(iv) Copies of all documents used to complete a CO<sub>2</sub> budget permit application and any other submission under the CO<sub>2</sub> Budget Trading Program or to demonstrate compliance with the requirements of the CO<sub>2</sub> Budget Trading Program.

The CO<sub>2</sub> authorized account representative of a CO<sub>2</sub> budget source and each CO<sub>2</sub> budget unit at the source shall submit the reports and compliance certifications required under the CO<sub>2</sub> 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 7/30/2016.

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

**Condition 92: Compliance Demonstration**  
**Effective between the dates of 01/11/2016 and 01/10/2021**

**Applicable State Requirement:6 NYCRR 242-8.5**

**Item 92.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

**Item 92.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)

(a) General provisions. The CO<sub>2</sub> authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.

(b) Monitoring plans. The owner or operator of a CO<sub>2</sub> budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.

(c) Certification applications. The CO<sub>2</sub> authorized account representative shall submit an application to the department within 45 days after completing all CO<sub>2</sub> monitoring system initial certification or recertification tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and 40 CFR 75.53(e) and (f).

(d) Quarterly reports. The CO<sub>2</sub> authorized account representative shall submit quarterly reports, as follows:

(1) The CO<sub>2</sub> authorized account representative shall report the CO<sub>2</sub> mass emissions data and heat input data for the CO<sub>2</sub> budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the



department for each calendar quarter.

(2) The CO<sub>2</sub> authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO<sub>2</sub> budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NO<sub>x</sub>, and SO<sub>2</sub> provisions.

(3) The CO<sub>2</sub> authorized account representative shall submit to the department or its agent a compliance certification 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 this Subpart and 40 CFR part 75, including the quality assurance procedures and specifications;

(ii) for a unit with add-on CO<sub>2</sub> emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO<sub>2</sub> emissions; and

(iii) the CO<sub>2</sub> concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO<sub>2</sub> emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2016.

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

