



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3556-00040/00026
Effective Date: 01/04/2001 Expiration Date: 01/04/2006

Permit Issued To: SITHE/INDEPENDENCE POWER PARTNERS, L.P.
P. O. BOX 1046
OSWEGO, NY 13126

Facility: INDEPENDENCE STATION
76 INDEPENDENCE WAY
SCRIBA, NY 13126

Contact: SITHE/INDEPENDENCE POWER PARTNERS, L.P.
P. O. BOX 1046
OSWEGO, NY 13126

Description:

Sithe Independence Station is a cogeneration facility consisting of 4 GE Frame 7FA gas turbine/HRSG units with duct burners fueled by natural gas only; 2 auxiliary boilers fueled by natural gas or distillate oil; and an emergency diesel generator firing distillate oil. The facility provides wholesale electric power and retail power to several customers/utilities and thermal energy to a host facility. A dry low NOx combustor is used at each gas turbine in conjunction with the application of Selective Catalytic Reduction (SCR) to control NOx. The facility is subject to the Federal Prevention of Significant Deterioration (PSD) and New Source Performance Standards (NSPS).

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: ROBERT A. TORBA
615 ERIE BLVD WEST
SYRACUSE, NY 13204-2400

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other 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, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

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 and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 7
HEADQUARTERS



DEC GENERAL CONDITIONS

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

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 and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

Item 3.1:

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

Item 3.2:

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

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for



modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

Condition 5: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 5.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity described in the application is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

Condition 6: Submission of Applications for Permit Modification or Renewal -REGION 7 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 6.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

New York State Department of Environmental Conservation

Permit ID: 7-3556-00040/00026

Facility DEC ID: 7355600040



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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Authorized Activity By Standard Industrial



LIST OF CONDITIONS

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- 48 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXD)
- 49 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXD)
- 50 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXD)
- 51 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXD)
- 52 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXD)
- 53 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXD)
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- 55 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXD)
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- 57 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXG)
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- 62 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXG)
- 63 Compliance Certification (EU=1-00AUX,EP=00005,Proc=AXG)
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- 72 Compliance Certification (EU=1-00GEN,Proc=EDG)
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- 74 Compliance Certification (EU=1-00GEN,Proc=EDG)
- 75 Compliance Certification (EU=1-00GEN,EP=00006)
- 76 Compliance Certification (EU=1-00GTU)
- 77 Compliance Certification (EU=1-00GTU)
- 78 Compliance Certification (EU=1-00GTU)
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- 83 Compliance Certification (EU=1-00GTU)
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New York State Department of Environmental Conservation

Permit ID: 7-3556-00040/00026

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- 92 Compliance Certification (EU=1-00GTU,Proc=GTB)
- 93 Compliance Certification (EU=1-00GTU,Proc=GTN)
- 94 Compliance Certification (EU=1-00GTU,Proc=GTN)
- 95 Compliance Certification (EU=1-00GTU,Proc=GTN)
- 96 Compliance Certification (EU=1-00GTU,Proc=GTN)
- 97 Compliance Certification (EU=1-00GTU,Proc=GTN)
- 98 Compliance Certification (EU=1-00GTU,Proc=GTN)
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Facility Level

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Classification Code:

4931 - ELEC & OTHER SERVICES COMBINED

Permit Effective Date: 01/04/2001

Permit Expiration Date: 01/04/2006



FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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 3: Maintenance of equipment

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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 4: Unpermitted Emission Sources
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 5.1:

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

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.



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

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

Condition 6: Emergency Defense
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

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

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Condition 7: Recycling and Salvage
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-1.7



Item 7.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

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 9: Public Access to Recordkeeping for Title V facilities

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-1.10(b)

Item 9.1:

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 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Condition 10: Proof of Eligibility

Effective between the dates of 01/04/2001 and 01/04/2006

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

Item 10.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 11: Proof of Eligibility

Effective between the dates of 01/04/2001 and 01/04/2006

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

Item 11.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart



201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 12: Applicable Criteria, Limits, Terms, Conditions and Standards
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 12.1:

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

Any noncompliance with the federally-enforceable portions of this permit constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

Item 12.2:

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

Condition 13: Cessation or Reduction of Permitted Activity Not a Defense
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 13.1:

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.

Condition 14: Compliance Requirements
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.



Item 14.1:

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 the responsible official, consistent with Section 201-6.3 of Part 201.

Item 14.2:

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

Item 14.3:

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. 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 15: Federally-Enforceable Requirements
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 15.1:

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.



Condition 16: Fees

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 16.1:

The permittee shall pay the required fees associated with this permit.

Condition 17: Monitoring, Related Recordkeeping and Reporting Requirements

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 17.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, 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 18: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 18.1:

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 relieve the permittee from the requirement to comply with any condition contained in this permit.

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

Condition 19: Permit Shield

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.



Item 19.1:

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield. For those facilities for which a permit shield has been granted, 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.

Condition 20: Property Rights

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 20.1:

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

Condition 21: Reopening for Cause

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 21.1:

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.

Item 21.2:

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.

Item 21.3:

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.

Condition 22: Right to Inspect

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 22.1:

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

- i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 23: Severability

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 23.1:

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.



Condition 24: Emission Unit Definition

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 24.1:

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

Emission Unit: 1-00AUX

Emission Unit Description:

TWO IDENTICAL AUXILIARY BOILERS FIRING
NATURAL GAS OR DISTILLATE OIL AND
EXHAUSTING THROUGH ONE STACK.

Building(s): 1

Item 24.2:

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

Emission Unit: 1-00GEN

Emission Unit Description:

EMERGENCY DIESEL GENERATOR.

Building(s): EDGBLDG

Item 24.3:

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

Emission Unit: 1-00GTU

Emission Unit Description:

4 GE MS 7001 FA GAS TURBINE UNITS WITH DRY
LOW NOX BURNERS, HRSGS AND DUCT BURNERS
EXHAUSTING THROUGH 4 SEPARATE STACKS. EACH
HRSG INCLUDES AN SCR SYSTEM.

Building(s): 1

Condition 25: Non Applicable requirements

Effective between the dates of 01/04/2001 and 01/04/2006

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

Item 25.1:

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

Condition 26: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006



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

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

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

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

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



Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

Condition 27: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

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

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance certifications shall contain the following information:

- 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.

Compliance certifications shall be submitted annually. Certification reports are due 30 days after the end of the calendar year.

All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following



address:

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

The address for the RAPCE is as follows:

615 Erie Boulevard, West
Syracuse, NY 13204-2400

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
50 Wolf Road
Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR YEAR)
Reports due by January 30th for previous calendar year

Condition 28: Permit Exclusion Provisions
Effective between the dates of 01/04/2001 and 01/04/2006

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

Item 28.1:

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated



thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 29: Required emissions tests
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 29.1:

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Condition 30: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR YEAR)

Reports due by April 15th for previous calendar year

Condition 31: Recordkeeping requirements
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 31.1:

(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 32: Visible emissions limited.
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 211.3

Item 32.1:

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 33: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 215.

Item 33.1:

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

Condition 34: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 227-2.

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is subject to Part 227-2 (NOx RACT).
However, the PSD permit limits for NOx are more stringent
than the NOx RACT limits.

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 35: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 227-3.

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY IS SUBJECT TO AND MUST
COMPLY WITH ALL APPLICABLE PARTS OF
6NYCRR PART 227-3.

THE OWNER OR OPERATOR MUST SUBMIT TO THE
EPA IN A FORMAT WHICH MEETS EPA'S
ELECTRONIC DATA REPORTING (EDR)
CONVENTION, INFORMATION REGARDING
EMISSIONS AND OPERATIONS DURING EACH
CALENDAR QUARTER.

THE OWNER OR OPERATOR MUST, FOR AT LEAST
FIVE YEARS, RETAIN COPIES OF RECORDS AND
REPORTS OF ALL MEASUREMENTS, DATA,
CALCULATIONS, AND REPORTS COMPILED AND
SUBMITTED TO THE DEPARTMENT.

BEFORE JANUARY 1 OF EACH YEAR, THE AAR
MUST SUBMIT A COMPLIANCE CERTIFICATION TO
THE DEPARTMENT FOR THE PRIOR OZONE
CONTROL PERIOD, MAY 1 TO SEPTEMBER 30 OF
EACH YEAR. THE COMPLIANCE CERTIFICATION
SHALL INCLUDE:

(1) IDENTIFICATION OF THE BUDGET
SOURCE, INCLUDING ADDRESS OF THE BUDGET
SOURCE, NAME AND ADDRESS OF THE OWNER OR
OPERATOR, ACCOUNT NUMBERS OF THE RELEVANT
COMPLIANCE ACCOUNT AND COMPLIANCE
OVERDRAFT ACCOUNT AND THE NAME OF THE



AAR;

(2) A STATEMENT INDICATING WHETHER NO_x EMISSIONS DATA HAVE BEEN REPORTED TO THE NETS IN ACCORDANCE WITH THE PROCEDURES SET FORTH IN SECTION 227-3.15 AND ANY ADDITIONAL PROCEDURES ESTABLISHED BY THE ADMINISTRATOR;

(3) A STATEMENT INDICATING WHETHER THE BUDGET SOURCE HAS A NUMBER OF ALLOWANCES IN ITS COMPLIANCE ACCOUNT OR COMPLIANCE OVERDRAFT ACCOUNT EQUAL TO OR GREATER THAN THE BUDGET SOURCE'S NO_x EMISSIONS FOR THE CURRENT YEAR CONTROL PERIOD;

(4) A STATEMENT INDICATING WHETHER THE MONITORING DATA REFLECTED THE ACTUAL OPERATION OF THE BUDGET SOURCE;

(5) A STATEMENT INDICATING WHETHER ALL NO_x EMISSIONS FROM THE BUDGET SOURCE WERE ACCOUNTED FOR, EITHER THROUGH RELEVANT MONITORING OR APPLICATION OF THE APPROPRIATE MISSING DATA PROCEDURES;
AND

(6) A STATEMENT INDICATING WHETHER THERE WERE ANY CHANGES IN THE METHOD OF OPERATION OF THE BUDGET SOURCE OR THE METHOD OF MONITORING THE BUDGET SOURCE DURING THE CURRENT YEAR.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 36: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 007446-09-5

Name: SULFUR DIOXIDE



Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE SULFUR CONTENT OF FUEL BURNED AT THE
FACILITY SHALL NOT EXCEED 0.05% BY
WEIGHT.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 0.05 percent by weight

Reference Test Method: ASTM

Monitoring Frequency: QUARTERLY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE SULFUR CONTENT OF FUEL BURNED AT THE
FACILITY SHALL NOT EXCEED 0.05% BY
WEIGHT.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 0.05 percent by weight

Reference Test Method: ASTM



Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 38: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

FACILITY SHALL CONTINUOUSLY MONITOR
AMBIENT AIR TEMPERATURES WITHIN AN
ACCURACY OF +/- 1 DEG F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

FACILITY MUST MONITOR AND RECORD THE
TYPE AND AMOUNT OF FUEL BURNED IN THE GAS
TURBINES, DUCT BURNERS, AND DIESEL
GENERATOR. SUCH DATA MUST BE ACCURATE TO
WITHIN +/- 5%.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 40: Recycling and Emissions Reduction



Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 40.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

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

Condition 41: Emission Point Definition By Emission Unit

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 41.1:

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

Emission Unit: 1-00AUX

Emission Point: 00005

Height (ft.): 195

Diameter (in.): 72

NYTMN (km.): 4817.223 NYTME (km.): 382.831 Building: 1

Item 41.2:

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

Emission Unit: 1-00GEN



Emission Point: 00006
Height (ft.): 100 Diameter (in.): 18
NYTMN (km.): 4817.223 NYTME (km.): 382.831 Building: EDGBLDG

Item 41.3:

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

Emission Unit: 1-00GTU

Emission Point: 00001
Height (ft.): 195 0 Diameter (in.): 222
NYTMN (km.): 4817.223 NYTME (km.): 382.831 Building: 1

Emission Point: 00002
Height (ft.): 195 Diameter (in.): 222
NYTMN (km.): 4817.223 NYTME (km.): 382.831 Building: 1

Emission Point: 00003
Height (ft.): 195 Diameter (in.): 222
NYTMN (km.): 4817.223 NYTME (km.): 382.831 Building: 1

Emission Point: 00004
Height (ft.): 195 Diameter (in.): 222
NYTMN (km.): 4817.223 NYTME (km.): 382.831 Building: 1

Condition 42: Process Definition By Emission Unit
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 42.1:

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

Emission Unit: 1-00AUX
Process: AXD Source Classification Code: 1-02-005-01
Process Description: 1 OF 2 AUXILIARY BOILERS FIRING DISTILLATE OIL.

Emission Source/Control: 0AUX1 - Combustion
Design Capacity: 250 million Btu per hour

Emission Source/Control: 0AUX2 - Combustion
Design Capacity: 250 million Btu per hour

Item 42.2:

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

Emission Unit: 1-00AUX



Process: AXG Source Classification Code: 1-02-006-01
Process Description: 1 OF 2 AUXILIARY BOILERS FIRING NATURAL GAS.

Emission Source/Control: 0AUX1 - Combustion
Design Capacity: 250 million Btu per hour

Emission Source/Control: 0AUX2 - Combustion
Design Capacity: 250 million Btu per hour

Item 42.3:

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

Emission Unit: 1-00GEN
Process: EDG Source Classification Code: 2-02-001-01
Process Description:
2500 KW EMERGENCY GENERATOR WITH 2 ENGINES
FIRING DISTILLATE OIL ONLY.

Emission Source/Control: 00GEN - Combustion
Design Capacity: 25 million Btu per hour

Item 42.4:

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

Emission Unit: 1-00GTU
Process: GTB Source Classification Code: 2-02-002-01
Process Description:
1 OF 4 IDENTICAL GE FRAME 7 GAS
TURBINE/HRSG UNITS OPERATING WITH SCR AND
SUPPLEMENTAL FIRING OF THE RESPECTIVE DUCT
BURNER; BOTH FIRING NATURAL GAS ONLY.

Emission Source/Control: 00DB1 - Combustion
Design Capacity: 192 million Btu per hour

Emission Source/Control: 00DB2 - Combustion
Design Capacity: 192 million Btu per hour

Emission Source/Control: 00DB3 - Combustion
Design Capacity: 192 million Btu per hour

Emission Source/Control: 00DB4 - Combustion
Design Capacity: 192 million Btu per hour

Emission Source/Control: 00GT1 - Combustion
Design Capacity: 1,941 million Btu per hour

Emission Source/Control: 00GT2 - Combustion



Design Capacity: 1,941 million Btu per hour

Emission Source/Control: 00GT3 - Combustion

Design Capacity: 1,941 million Btu per hour

Emission Source/Control: 00GT4 - Combustion

Design Capacity: 1,941 million Btu per hour

Emission Source/Control: 0SCR1 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SCR2 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SCR3 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SCR4 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 42.5:

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

Emission Unit: 1-00GTU

Process: GTN

Source Classification Code: 2-02-002-01

Process Description:

1 OF 4 IDENTICAL GE FRAME 7 GAS
TURBINE/HRSG UNITS OPERATING WITH SCR AND
WITHOUT DUCT BURNERS FIRING. THE GAS
TURBINE UNIT BURNS NATURAL GAS ONLY.

Emission Source/Control: 00GT1 - Combustion

Design Capacity: 1,941 million Btu per hour

Emission Source/Control: 00GT2 - Combustion

Design Capacity: 1,941 million Btu per hour

Emission Source/Control: 00GT3 - Combustion

Design Capacity: 1,941 million Btu per hour

Emission Source/Control: 00GT4 - Combustion

Design Capacity: 1,941 million Btu per hour

Emission Source/Control: 0SCR1 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SCR2 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)



Emission Source/Control: 0SCR3 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SCR4 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Condition 43: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

At no time shall the auxiliary boilers be in operation when three or more of the gas turbines are in operation, except during periods of testing and facility startups and shutdowns. Testing periods shall not exceed a period of three hours per occurrence and shall be limited to two testing periods per month.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 44: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 60, NSPS Subpart Db

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



Each auxiliary boiler is subject to this NSPS. Emission limits and monitoring requirements that are less stringent than the PSD limits have not been included in this permit.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 45: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Stack opacity shall not exceed 20 percent (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. Compliance with this standard may be determined by EPA Reference Method 9, Continuous Opacity Monitoring System (COMS) data, and/or any other credible evidence. The owner shall install, operate in accordance with manufacturer's instructions, and properly maintain, a COMS in the stack satisfying the criteria in Appendix B of 40 CFR part 60.

The owner shall submit an accurate excess emissions and monitoring system performance report to the Department for each calendar year quarter. All reports shall be certified by a responsible corporate official as true, accurate and complete and postmarked by the 60th day following the end of each calendar year quarter. The quarterly excess emissions report shall be submitted in a form acceptable to the Department and shall include the following minimum information:

(1) The magnitude, date and time of each six minute block average during which the average opacity of emissions exceeds 20 percent, except for one six minute block average per hour not to exceed 27 percent;



(2) For each period of excess emissions, specific identification of the cause and corrective action taken;

(3) Identification of all periods of COMS downtime, including the date, time and duration of each inoperable period, and the cause and corrective action for each COMS downtime period;

1 (4) The total time in which the COMS are required to record data during the reporting period;

(5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time which the COMS are required to record data.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Reference Test Method: 40 CFR 60 APP B RM 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

Reports due 60 days after each calendar quarter (January - March, April - June, July - September, October - December)

Condition 46: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE AUXILIARY BOILERS SHALL BE LIMITED TO a total of 2.8 million MMBTU (HHV) PER YEAR BASED ON A MONTHLY ROLLING AVERAGE. THE TYPE AND QUANTITY OF FUEL BURNED WILL BE MONITORED AND RECORDED.



Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: MATERIAL

Upper Limit of Monitoring: 2800000 million British thermal
units

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 47: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

Item 47.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged
into the atmosphere any gases that exhibit greater than 20
percent opacity (6 minute average), except for one
6-minute period per hour of not more than 27 percent
opacity.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

Condition 48: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 48.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-00AUX Emission Point: 00005
Process: AXD

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

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD CO mass emission limit, per boiler. Stack testing,
upon request by the Department, shall be used to determine
compliance.

Parameter Monitored: CARBON MONOXIDE
Upper Limit of Monitoring: 5.0 pounds per hour
Reference Test Method: EPA RM 10
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 49: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005
Process: AXD

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

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD CO concentration. Stack testing, upon request by the
Department, shall be used to determine compliance.



Parameter Monitored: CARBON MONOXIDE

Upper Limit of Monitoring: 0.02 pounds per million Btus

Reference Test Method: EPA RM 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 50: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005

Process: AXD

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD NOx concentration permit limit. CEMS are used to monitor compliance in the auxiliary boiler stack.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 0.200 pounds per million Btus

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

Condition 51: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 51.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-00AUX Emission Point: 00005
Process: AXD

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

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD VOC mass emission limit, per boiler. Stack testing,
upon request by the Department, shall be used to determine
compliance.

Parameter Monitored: VOC
Upper Limit of Monitoring: 5.0 pounds per hour
Reference Test Method: EPA RM 25
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 52: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005
Process: AXD

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

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD PM-10/Particulate concentration limit. Stack
testing, upon request by the Department, shall be used to
determine compliance.



Parameter Monitored: PM-10

Upper Limit of Monitoring: 0.05 pounds per million Btus

Reference Test Method: EPA RM 201A

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 53: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005

Process: AXD

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD NOx mass emission limit, per boiler. Stack testing,
upon request by the Department, shall be used to determine
compliance.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 50.0 pounds per hour

Reference Test Method: EPA RM 7E

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 54: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 54.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-00AUX Emission Point: 00005
Process: AXD

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

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD PM-10/particulate mass emission limit, per boiler.
Stack testing, upon request by the Department, shall be
used to determine compliance.

Parameter Monitored: PM-10
Upper Limit of Monitoring: 13.0 pounds per hour
Reference Test Method: EPA RM 201A
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 55: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005
Process: AXD

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

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD VOC concentration emission limit. Stack testing,
upon request by the Department, shall be used to determine



compliance.

Parameter Monitored: VOC

Upper Limit of Monitoring: 0.020 pounds per million Btus

Reference Test Method: EPA RM 25

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 56: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005

Process: AXG

Regulated Contaminant:

CAS No: 000630-08-0

Name: CARBON MONOXIDE

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD CO concentration limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: CARBON MONOXIDE

Upper Limit of Monitoring: 0.020 pounds per million Btus

Reference Test Method: EPA RM 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 57: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 57.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-00AUX Emission Point: 00005
Process: AXG

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

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD CO mass emission limit, per boiler. Stack testing,
upon request by the Department, shall be used to determine
compliance.

Parameter Monitored: CARBON MONOXIDE
Upper Limit of Monitoring: 5.0 pounds per hour
Reference Test Method: EPA RM 10
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 58: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005
Process: AXG

17 Regulated Contaminant:
CAS No: 0NY998-00-0
Name: VOC

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD VOC mass emission limit, per boiler. Stack testing,
upon request by the Department, shall be used to determine
compliance.



Parameter Monitored: VOC

Upper Limit of Monitoring: 2.0 pounds per hour

Reference Test Method: EPA RM 25

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 59: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005

Process: AXG

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC concentration emission limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: VOC

Upper Limit of Monitoring: 0.008 pounds per million Btus

Reference Test Method: EPA RM 25

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 60: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 60.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-00AUX Emission Point: 00005
Process: AXG

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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD NOx concentration emission limit. Compliance determined by a NOx CEMS located in the auxiliary boiler stack.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 0.200 pounds per million Btus

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

Condition 61: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005
Process: AXG

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

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10/particulates mass emission limit, per boiler.
Stack testing, upon request by the Department, shall be



used to determine compliance.

Parameter Monitored: PM-10

Upper Limit of Monitoring: 1.3 pounds per hour

Reference Test Method: EPA RM 201A

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 62: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005

Process: AXG

Regulated Contaminant:

CAS No: 0NY075-00-5

Name: PM-10

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10/particulates concentration limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: PM-10

Upper Limit of Monitoring: 0.005 pounds per million Btus

Reference Test Method: EPA RM 201A

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 63: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A



Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00AUX Emission Point: 00005
Process: AXG

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

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD NOx mass emission limit, per boiler. Stack testing,
upon request by the Department, shall be used to determine
compliance.

Parameter Monitored: OXIDES OF NITROGEN
Upper Limit of Monitoring: 50.0 pounds per hour
Reference Test Method: EPA RM 7E
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 64: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN
Process: EDG

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS
Monitoring Description:
The diesel generator shall only be used to provide
emergency power to the facility, except for periods of
testing and maintenance. Total annual operation shall be



less than 500 hours per year.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Limit of Monitoring: 500

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 65: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD NOx concentration emission limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 86.0 pounds per hour

Reference Test Method: EPA RM 7E

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 66: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 66.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-00GEN

Process: EDG

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

PSD annual #2 fuel oil limit.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Limit of Monitoring: 89,285 gallons per year

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 67: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD NOx concentration emission limit. Stack testing,
upon request by the Department, shall be used to determine
compliance.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 3.40 pounds per million Btus

Reference Test Method: EPA RM 7E

Monitoring Frequency: AS REQUIRED - SEE MONITORING



DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 68: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Regulated Contaminant:

CAS No: 000630-08-0

Name: CARBON MONOXIDE

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD CO mass emission limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: CARBON MONOXIDE

Upper Limit of Monitoring: 23.0 pounds per hour

Reference Test Method: EPA RM 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 69: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Regulated Contaminant:

CAS No: 000630-08-0



Name: CARBON MONOXIDE

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD CO concentration emission limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: CARBON MONOXIDE

Upper Limit of Monitoring: 0.92 pounds per million Btus

Reference Test Method: EPA RM 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 70: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

At no time shall the generator be in operation when one or more gas turbines are in operation except during periods of testing and facility startups and shutdowns. Testing periods shall not exceed a period of three hours per occurrence and shall be limited to two testing periods per month.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 71: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006



Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC mass emission limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: VOC

Upper Limit of Monitoring: 2.0 pounds per s20hour

Reference Test Method: EPA RM 201A

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 72: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 72.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC concentration emission limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: VOC

Upper Limit of Monitoring: 0.080 pounds per million Btus

Reference Test Method: EPA RM 25

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 73: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Regulated Contaminant:

CAS No: 0NY075-00-5

Name: PM-10

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10/particulates mass emission limit.

Parameter Monitored: PM-10

Upper Limit of Monitoring: 1.30 pounds per hour

Reference Test Method: EPA RM 201A

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 74: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006



Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN

Process: EDG

Regulated Contaminant:

CAS No: 0NY075-00-5

Name: PM-10

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10/particulates concentration emission limit.

Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: PM-10

Upper Limit of Monitoring: 0.052 pounds per million Btus

Reference Test Method: EPA RM 201A

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 75: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GEN Emission Point: 00006

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack visible emissions from the emergency generator

stack shall not exceed 20% opacity (6 minute average),

except for one 6 minute average per hour not to exceed 27%



opacity. Compliance shall be demonstrated using EPA RM 9 upon request of the Department.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Reference Test Method: 40 CFR 60 RM 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 76: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack visible emissions from each gas turbine/duct burner stack shall not exceed 20% opacity (6 minute average), except for one 6 minute average per hour not to exceed 27% opacity. Compliance shall be demonstrated using EPA RM 9 upon request of the Department.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Reference Test Method: 40 CFR 60 RM 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 77: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 77.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-00GTU

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The PSD emission limits in this permit apply at all loads of operation, except during periods of start-up and shutdown [not to exceed five hours for a cold startup (steam turbine 1st stage bowl < 400 deg F) or four hours for a warm or hot startup] and also malfunctions (as stated in 6 NYCRR Part 201).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 78: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant:

CAS No: 007664-41-7

Name: AMMONIA

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

GT/HRSG stack ammonia mass emission limit. Compliance is determined by performing an annual stack test. The annual stack test results must be provided when the annual RATA report is submitted.

Parameter Monitored: AMMONIA

Upper Limit of Monitoring: 28.0 pounds per hour

Reference Test Method: 40 CFR 60 APP A M18

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED



Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 02/02/2002 for the period 01/04/2001 through 01/03/2002

Condition 79: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant:

CAS No: 007664-41-7

Name: AMMONIA

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

GT/HRSG stack concentration emission limit for ammonia.

Compliance is determined by performing an annual stack test. The annual stack test results must be provided when the annual RATA report is submitted.

Parameter Monitored: AMMONIA

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

Reference Test Method: 40 CFR 60 APP A M18

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 80: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Item 80.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY MUST CONTINUOUSLY CALCULATE
THE MASS EMISSION RATE (LB/HR) FROM THE
GAS TURBINE/HRSG STACKS.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 81: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE GAS TURBINES MAY NOT OPERATE BELOW
50% LOAD, EXCEPT DURING STARTUP AND
SHUTDOWN. THE ATTACHED GRAPH "COMBUSTION
TURBINE OUTPUT AT 50% LOAD VS. AMBIENT
TEMPERATURE" CORRELATES THESE LIMITS.
(FIG. 1 IN TABLES SECTION).

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 82: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Item 82.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A CEMS WILL CONTINUALLY MONITOR AND
RECORD O2 IN EACH GAS TURBINE/HRSG
STACK.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 83: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 60, NSPS Subpart GG

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The gas turbines are subject to 40 CFR 60-GG (NSPS).
Requirements in this rule have only been included in this
permit if more stringent than the PSD permit conditions.

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 84: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

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

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



FUEL NITROGEN AND SULFUR CONTENT SHALL
BE MONITORED ON A QUARTERLY SCHEDULE IN
ACCORDANCE WITH A CUSTOM SCHEDULE
APPROVED BY USEPA REGION II DATED
1/6/95.

Monitoring Frequency: QUARTERLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 85: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTB

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD NOx mass emission limit, per GT/HRSG stack.

Compliance is determined by a CEMS located in the GT/HRSG
stack.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 34.0 pounds per hour

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

Reports due 30 days after each calendar quarter (January - March, April - June,
July - September, October - December)

Condition 86: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 86.1:



The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTB

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD NOx concentration emission limit. Compliance is determined by a CEMS located in the GT/HRSG stack.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 4.5 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

Condition 87: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTB

Regulated Contaminant:

CAS No: 000630-08-0

Name: CARBON MONOXIDE

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD CO mass emission limit, per GT/HRSG stack.



Compliance is determined by a CEMS located in the GT/HRSG stack.

Parameter Monitored: CARBON MONOXIDE
Upper Limit of Monitoring: 66.0 pounds per hour
Reference Test Method: 40 CFR 60 APP B&F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR YEAR)
Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

Condition 88: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU
Process: GTB

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

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD PM-10/particulates mass emission limit, per GT/HRSG stack. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: PM-10
Upper Limit of Monitoring: 15.9 pounds per hour
Reference Test Method: EPA RM 201A
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 89: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006



Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTB

Regulated Contaminant:

CAS No: 000630-08-0

Name: CARBON MONOXIDE

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD CO concentration emission limit. Compliance is determined by a CEMS located in the GT/HRSG stack.

Parameter Monitored: CARBON MONOXIDE

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

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

Condition 90: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTB

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 90.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
0 PSD VOC mass emission limit, per GT/HRSG stack. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: VOC
Upper Limit of Monitoring: 8.8 pounds per hour
Reference Test Method: EPA RM 25
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 91: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 91.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU
Process: GTB

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

Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PSD NOx concentration permit limit for each duct burner. The duct burners can not operate without the gas turbines operating. Therefore, individual stack testing for each duct burner to determine compliance with this limit has not been required.

Parameter Monitored: OXIDES OF NITROGEN
Upper Limit of Monitoring: 0.017 pounds per million Btus
Reference Test Method: EPA RM 7E
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 92: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 60, NSPS Subpart Db

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTB

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The duct burners are subject to 40 CFR Part 60-Db (NSPS).

Only requirements that are more stringent than those
contained in the PSD permit are included in this permit.

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 93: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTN

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD NOx mass emission limit, per gas turbine. Compliance
is determined by a CEMS located in each GT/HRSG stack.

Parameter Monitored: OXIDES OF NITROGEN



Upper Limit of Monitoring: 30.6 pounds per hour
Reference Test Method: 40 CFR 60 APP B&F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR YEAR)
Reports due 30 days after each calendar quarter (January - March, April - June,
July - September, October - December)

Condition 94: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU
Process: GTN

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

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
PSD NOx concentration limit. Compliance is determined by
a CEMS located in each GT/HRSG stack.

Parameter Monitored: OXIDES OF NITROGEN
Upper Limit of Monitoring: 4.5 parts per million by volume
(dry, corrected to 15% O2)
Reference Test Method: 40 CFR 60 APP B&F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR YEAR)
Reports due 30 days after each calendar quarter (January - March, April - June,
July - September, October - December)

Condition 95: Compliance Certification
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 95.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-00GTU

Process: GTN

Regulated Contaminant:

CAS No: 000630-08-0

Name: CARBON MONOXIDE

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD CO mass emission limit, per gas turbine. Compliance is determined by a CEMS located in the GT/HRSG stack.

Parameter Monitored: CARBON MONOXIDE

Upper Limit of Monitoring: 51.0 pounds per hour

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

Condition 96: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTN

Regulated Contaminant:

CAS No: 000630-08-0

Name: CARBON MONOXIDE

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD CO concentration limit. Compliance is determined by a CO monitor located in each GT/HRSG stack.



Parameter Monitored: CARBON MONOXIDE

Upper Limit of Monitoring: 13 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

Reports due 30 days after each calendar quarter (January - March, April - June,
July - September, October - December)

Condition 97: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTN

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC mass emission limit, per gas turbine. Stack
testing, upon request by the Department, shall be used to
determine compliance.

Parameter Monitored: VOC

Upper Limit of Monitoring: 3.0 pounds per hour

Reference Test Method: EPA RM 25

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 98: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 98.1:



The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTN

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 98.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC concentration emission limit. Stack testing, upon request by the Department, shall be used to determine compliance.

Parameter Monitored: VOC

Upper Limit of Monitoring: 0.002 pounds per million Btus

Reference Test Method: EPA RM 25

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 99: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 99.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTN

Regulated Contaminant:

CAS No: 0NY075-00-5

Name: PM-10

Item 99.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10/particulates mass emission limit, per gas turbine. Stack testing, upon request by the Department,



shall be used to determine compliance.

Parameter Monitored: PM-10

Upper Limit of Monitoring: 14.0 pounds per hour

Reference Test Method: EPA RM 201A

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 100: Compliance Certification

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Process: GTN

Regulated Contaminant:

CAS No: 0NY075-00-5

Name: PM-10

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10/particulates concentration emission limit.

Stack testing, upon request by the Department, shall be
used to determine compliance.

Parameter Monitored: PM-10

Upper Limit of Monitoring: 0.015 pounds per million Btus

Reference Test Method: EPA RM 201A

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 101: General Provisions

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable State Requirement: 6NYCRR 201-5.

Item 101.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 101.2:

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.

Item 101.3:

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

Condition 102: Contaminant List

Effective between the dates of 01/04/2001 and 01/04/2006

Applicable State Requirement: 6NYCRR 201-5.3(b)

Item 102.1:

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

CAS No: 0NY998-00-0

Name: VOC

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 007664-41-7

Name: AMMONIA



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

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

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

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

Condition 103: Air pollution prohibited
Effective between the dates of 01/04/2001 and 01/04/2006

Applicable State Requirement: 6NYCRR 211.2

Item 103.1:

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.