



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-5024-00007/00004
Effective Date: 01/08/2014 Expiration Date: 01/07/2019

Permit Issued To: DOMINION TRANSMISSION INC
445 W MAIN ST
CLARKSBURG, WV 26302-2450

Contact: BRIAN SHEPPARD
DOMINION
445 W MAIN ST PO BOX 2450
CLARKSBURG, WV 26302-2450
(304) 627-3319

Facility: BORGER STATION
219 ELLIS HOLLOW CK RD
ITHACA, NY 14850

Description:
Title V Renewal and Alternative NOx RACT approval.

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: JOSEPH M DLUGOLENSKI
1285 FISHER AVE
CORTLAND, NY 13045-1090

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

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



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

Item 4.1:

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

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

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

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

Item 5.1:

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

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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445 W MAIN ST
CLARKSBURG, WV 26302-2450

Facility: BORGER STATION
219 ELLIS HOLLOW CK RD
ITHACA, NY 14850

Authorized Activity By Standard Industrial Classification Code:
4922 - NATURAL GAS TRANSMISSION
4924 - NATURAL GAS DISTRIBUTION

Permit Effective Date: 01/08/2014

Permit Expiration Date: 01/07/2019



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
 - 2 6 NYCRR 201-6.4 (a) (7): Fees
 - 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
 - 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
 - 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
 - 6 6 NYCRR 201-6.4 (e): Compliance Certification
 - 7 6 NYCRR 202-2.1: Compliance Certification
 - 8 6 NYCRR 202-2.5: Recordkeeping requirements
 - 9 6 NYCRR 215.2: Open Fires - Prohibitions
 - 10 6 NYCRR 200.7: Maintenance of Equipment
 - 11 6 NYCRR 201-1.7: Recycling and Salvage
 - 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
 - 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
 - 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
 - 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
 - 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
 - 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
 - 18 6 NYCRR 202-1.1: Required Emissions Tests
 - 19 6 NYCRR 202-1.1: Required Emissions Tests
 - 20 40 CFR Part 68: Accidental release provisions.
 - 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
 - 22 6 NYCRR Subpart 201-6: Emission Unit Definition
 - 23 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
 - 24 6 NYCRR 211.1: Air pollution prohibited
 - 25 6 NYCRR 227-1.3 (a): Compliance Certification
 - 26 6 NYCRR 227-2.4 (d): Compliance Certification
 - 27 6 NYCRR 227-2.5 (c): Compliance Certification
 - 28 6 NYCRR 227-2.5 (c): Compliance Certification
 - 29 6 NYCRR 227-2.5 (c): Compliance Certification
 - 30 40CFR 60.7, NSPS Subpart A: Compliance Certification
 - 31 40CFR 60.332(a)(2), NSPS Subpart GG: Compliance Certification
 - 32 40CFR 60.334(h), NSPS Subpart GG: Compliance Certification
- #### Emission Unit Level
- 33 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
 - 34 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=0-0000A

- 35 6 NYCRR Subpart 201-6: Compliance Certification
- 36 40CFR 52.21(j), Subpart A: Compliance Certification

EU=0-0000A,Proc=T04

- 37 40CFR 60.4320(a), NSPS Subpart KKKK: Compliance Certification
- 38 40CFR 60.4330, NSPS Subpart KKKK: Compliance Certification



EU=0-0000A,EP=00002,Proc=T02,ES=TUR02

39 40CFR 52.21(i)(2), Subpart A: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

40 ECL 19-0301: Contaminant List

41 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

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

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

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

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

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

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

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



Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)

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

Item D: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)

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

Item E: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)

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

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)

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

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

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

Item H: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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



Item I: Severability - 6 NYCRR 201-6.4 (a) (9)

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

Item J: Permit Shield - 6 NYCRR 201-6.4 (g)

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

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

Item K: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

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



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



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

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 01/08/2014 and 01/07/2019**

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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

**Condition 2: Fees
Effective between the dates of 01/08/2014 and 01/07/2019**

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

Item 2.1:

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

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 01/08/2014 and 01/07/2019**

Applicable Federal Requirement:6 NYCRR 201-6.4 (c)



Item 3.1:

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 01/08/2014 and 01/07/2019**

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (2)

Item 4.1:

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

**Condition 5: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019**

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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



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

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

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

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



Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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



Condition 6: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement: 6 NYCRR 201-6.4 (e)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



iv. 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 Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

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

The address for the RAPCE is as follows:

NYSDEC Region 7 Headquarters
615 Erie Boulevard, West
Syracuse, NY 13204-2400

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

Monitoring Frequency: ANNUALLY

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

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

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

Condition 9: Open Fires - Prohibitions
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

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

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



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

Condition 22: Emission Unit Definition
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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

Emission Unit: 0-0000A

Emission Unit Description:

TUR02 - TUR03: Two (2) Dresser Clark DC990 5800 HP natural gas fired stationary compressor turbines.

TUR04 is a Solar Turbines Inc. Taurus 70-1030S 12,126 HP natural gas fired stationary compressor turbine. (The HP estimate is based on operation at an elevation of 1047 ft, 60% relative humidity and 0 degrees F.)

Building(s): 01

Condition 23: Progress Reports Due Semiannually
Effective between the dates of 01/08/2014 and 01/07/2019

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

Item 23.1:

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

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 24: Air pollution prohibited
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:6 NYCRR 211.1

Item 24.1:

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



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

Condition 25: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

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

Item 25.1:

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

Emission Unit: 0-0000A
Process: T02

Emission Unit: 0-0000A
Process: T03

Emission Unit: 0-0000A
Process: T04

Item 25.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

This condition limits opacity from the stationary gas turbines.

No owner or operator shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average) except for one six minute period per hour of not more than 27 percent opacity (six minute average). Compliance shall be determined using 40 CFR Part 60, Appendix A, Method 9 upon written request from the DEC.

On an annual basis, the owner or operator shall submit to the DEC a report stating whether opacity compliance determinations were required and if so, the results of such tests.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 26: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:6 NYCRR 227-2.4 (d)

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 27: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:6 NYCRR 227-2.5 (c)

Item 27.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-0000A

Process: T02

Regulated Contaminant(s):

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

Item 27.2:

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

1. To the extent practicable during the period from May 1 to September 30, the facility shall preferentially operate Turbine 4 (T04) rather than the remaining higher-emitting turbine (T02). The owner shall maintain a log showing the operation of the turbines. For those periods during the May 1 to September 30 timeframe where Turbine 2 is operating while Turbine 4 is idle, the log shall explain why the lower-emitting turbine (T04) is not operating in place of the older, higher emitting unit, T02.
2. Except during periods of startup, shutdown, or when the intake air temperature is below zero degrees Fahrenheit, Turbine 4 shall operate in solonox mode (that is, low-NOx emission mode of operation).
3. No later than one year after Turbine 3 emits 72 tons of NOx in any 12 consecutive month period, Turbine 02 must not emit in excess of 150 ppm NOx, corrected to 15% O2. Compliance will be determined using stack testing conducted in accordance with a protocol approved by the DEC. After Turbine 2 becomes subject to this emission limit, testing shall be conducted once per year.

On a calendar year basis, the owner or operator shall, in the annual certification report, state whether he or she has complied with this condition.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 150 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: EPA Method 7E or 20

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 28: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement: 6 NYCRR 227-2.5 (c)

Item 28.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-0000A

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



Process: T02

Emission Unit: 0-0000A

Process: T03

Emission Unit: 0-0000A

Process: T04

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition is not applicable on and after the date that Turbine 3 complies with the presumptive RACT limit of 50 ppmdv NO_x, corrected to 15 % O₂.

Emissions of NO_x shall not exceed 61 pounds per hour, cumulative emissions from all turbines, Units 1, 2 and 4.

This cumulative limit is only applicable provided Unit 4 emissions are less than or equal to 25 ppmdv corrected to 15% O₂. Otherwise, emissions from Units 1 and 2 shall not exceed 56 pounds per hour.

Compliance shall be determined based on stack testing conducted at least once per permit term in accordance with a protocol approved by the DEC and in accordance with the time frames specified in 6 NYCRR 202-1. Testing shall be conducted once per permit term and at any other time when so directed by the DEC.

On an annual basis, the owner or operator shall submit to the DEC a report stating whether testing has been conducted and if so, the results of such testing. The applicant shall also state whether any changes have been made to the turbines or their operation that would change emissions.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 61 pounds per hour

Reference Test Method: EPA Method 7E or 20

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 29: Compliance Certification

Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement: 6 NYCRR 227-2.5 (c)

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



Item 29.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-0000A

Process: T03

Emission Source: TUR03

Regulated Contaminant(s):

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

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

1. To the extent practicable during the period from May 1 to September 30, the facility shall preferentially operate Turbine 4 (T04) rather than the remaining higher-emitting turbine (T03). The owner shall maintain a log showing the operation of the turbines. For those periods during the May 1 to September 30 timeframe where Turbine 3 is operating while Turbine 4 is idle, the log shall explain why the lower-emitting turbine (T04) is not operating in place of the older, higher emitting unit, T03. This Item is not applicable once Turbine 3 complies with the presumptive RACT limit of 50 ppmdv NO_x, corrected to 15% O₂.
2. Except during periods of startup, shutdown, or when the intake air temperature is below zero degrees Fahrenheit, Turbine 4 shall operate in solonox mode (that is, low-NO_x emission mode of operation).
3. No later than one year after Turbine 3 emits 72 tons of NO_x in any 12 consecutive month period, Turbine 03 must not emit in excess of 50 ppm NO_x, corrected to 15% O₂. Compliance will be determined using stack testing conducted in accordance with a protocol approved by the DEC. After Turbine 3 becomes subject to this emission limit, testing shall be conducted once per year.

On a calendar year basis, the owner or operator shall, in the annual certification report, state whether he or she has complied with this condition.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 50 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: EPA Method 7E or equivalent

Monitoring Frequency: ANNUALLY

Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



ANY TIME

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 30: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:40CFR 60.7, NSPS Subpart A

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:

The new turbine (#4) is subject to the federal Standards of Performance for Stationary Combustion Turbines (40 CFR Part 60, Subpart KKKK) and the General Provisions, 40 CFR Part 60, Subpart A. The owner or operator must comply with the provisions of 40 CFR 60.7. (a), (b) and (f) as indicated below.

The owner must comply with the notification requirements of:

1. 40 CFR 60.7(b), which requires the owner or operator to keep records of startup, shutdown or malfunction;
2. 40 CFR 60.7(f), requiring the owner or operator to keep a file of all measurements and tests.

On an annual basis, the owner or operator must submit to the DEC a report stating whether he or she has complied with the requirements of 40 CFR 60.7.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 31: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:40CFR 60.332(a)(2), NSPS Subpart GG

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



Emission Unit: 0-0000A
Process: T02

Emission Unit: 0-0000A
Process: T03

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator shall discharge to the atmosphere from Units 2 or 3 emissions of nitrogen oxides in excess of the following:

$$\text{STD} = 0.0150 * [14.4/Y] + F$$

Where: STD = allowable nitrogen oxide emissions in percent volume at 15% excess oxygen on a dry basis,

Y = manufacturer's rated heat rate at manufacturer's rated peak load (kilojoules per watt hour) or the actual measured heat rate based on the lower heating value of the fuel as measured at actual peak load of the facility. For this application, Y shall = 14.4.

F = nitrogen oxide emission allowance for fuel bound nitrogen:

Fuel bound nitrogen % by weight, where F equals NO_x % by volume

$$N \leq 0.015: F = 0$$

$$0.015 < N \leq 0.1: 0.04N$$

$$0.1 < N \leq 0.25: 0.004 + 0.0067(N - 0.1)$$

$$N > 0.25: 0.005$$

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 150 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA Method 20

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 32: Compliance Certification

Effective between the dates of 01/08/2014 and 01/07/2019



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

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner is electing to not use the fuel-bound nitrogen adjustment factor in 40 CFR 60.332 and thus is not required to sample the fuel for nitrogen. Similarly, the owner or operator will combust only pipeline natural gas with a sulfur content no more than than 20 grains per 100 scf, and is not required to sample for fuel sulfur.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 33: Emission Point Definition By Emission Unit
Effective between the dates of 01/08/2014 and 01/07/2019**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 33.1:

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

Emission Unit: 0-0000A

Emission Point: 00002

Height (ft.): 30 Diameter (in.): 48
NYTMN (km.): 4699.5 NYTME (km.): 383.7 Building: 01

Emission Point: 00003

Height (ft.): 30 Diameter (in.): 48
NYTMN (km.): 4699.5 NYTME (km.): 383.7 Building: 01

Emission Point: 00004

Height (ft.): 37 Diameter (in.): 54
NYTMN (km.): 4699.471 NYTME (km.): 384.205 Building: 02

**Condition 34: Process Definition By Emission Unit
Effective between the dates of 01/08/2014 and 01/07/2019**

Applicable Federal Requirement:6 NYCRR Subpart 201-6



Item 34.1:

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

Emission Unit: 0-0000A
Process: T01 Source Classification Code: 2-03-002-02
Process Description:
TUR01: One (1) Dresser Clark DC 990 5800 HP natural gas
fired stationary compressor turbine.

Emission Source/Control: TUR01 - Combustion
Design Capacity: 5,800 horsepower (mechanical)

Item 34.2:

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

Emission Unit: 0-0000A
Process: T02 Source Classification Code: 2-03-002-02
Process Description:
TUR02: One (1) Dresser Clark DC 990 5800 HP natural gas
fired stationary compressor turbine.

Emission Source/Control: TUR02 - Combustion
Design Capacity: 5,800 horsepower (mechanical)

Item 34.3:

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

Emission Unit: 0-0000A
Process: T03 Source Classification Code: 2-03-002-02
Process Description:
TUR01: ONE (1) DRESSER CLARK DC 990 5800
HP NATURAL GAS FIRED STATIONARY COMPRESSOR
TURBINE.

Emission Source/Control: TUR03 - Combustion
Design Capacity: 5,800 horsepower (mechanical)

Item 34.4:

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

Emission Unit: 0-0000A
Process: T04 Source Classification Code: 2-03-002-02
Process Description:
TUR04. One (1) Solar Turbines Inc. Taurus 70-1030S HP
natural gas fired stationary compressor turbine.

Emission Source/Control: TUR04 - Combustion
Design Capacity: 12,126 horsepower (mechanical)

Condition 35: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-0000A

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Turbine 04 shall not operate out of SoLoNO_x (lean pre-mix) mode except during periods of startup, shutdown or when intake air temperatures are below zero degrees Fahrenheit.

On a calendar year basis, the owner or operator shall state whether he or she has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 36: Compliance Certification

Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-0000A

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall maintain records of the annual hours of operation of each emission unit at Borger Station. Such records shall be provided to the EPA or NYSDEC upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 37: Compliance Certification

Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement: 40CFR 60.4320(a), NSPS Subpart

KKKK

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-0000A

Process: T04

Regulated Contaminant(s):

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

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

1. The owner or operator shall not allow the emission of nitrogen oxides in excess of 25 ppmv, corrected to 15% oxygen.
2. Compliance shall be determined through performance testing using 40 CFR Part 60, Appendix A, Method 7E or Method 20. Compliance shall be determined using the average of three test runs, and each test run must be at least 20 minutes long.
3. Testing shall be conducted on an annual basis (no more than 14 calendar months following the previous performance test), however, if test results are less than or equal to 18.75 ppmv corrected to 15% O₂, testing may be reduced to once every two years (with no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceeds 18.75 ppm corrected to 15% O₂, annual testing must be resumed.
4. The performance test must be done at any load condition plus or minus 25% of 100% of peak load. Testing may be performed at the highest achievable load point if at least 75 percent of peak load cannot be achieved in practice.
5. The owner or operator must submit to the DEC and EPA a written report of the results of each performance test before the close of business on the 60th day following completion of the performance test.
6. The owner or operator must operate and maintain the stationary combustion turbine in a manner consistent with



good air pollution control practices for minimizing emissions at all times including during startup, shutdown, and malfunction.

7. On an annual basis the owner or operator must submit to the DEC a report stating whether he or she has complied with this condition. The report shall state whether an emissions test was conducted and, if so, the results of such tests.

Parameter Monitored: OXIDES OF NITROGEN

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

Reference Test Method: 40 CFR Part 60, App A, Methods 7E or 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 38: Compliance Certification

Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement: 40CFR 60.4330, NSPS Subpart KKKK

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-0000A

Process: T04

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. The owner or operator shall not burn fuels which contain total potential sulfur emissions in excess of 0.060 lb SO₂/mmBtu heat input.

2. The owner or operator must demonstrate that the sulfur content of the fuel meets this standard by showing that the fuel quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract specifies that the total sulfur content for natural gas is 20 grains of sulfur or less per 100 standard cubic feet.

3. On an annual basis, the owner or operator must state



whether he or she has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable Federal Requirement:40CFR 52.21(i)(2), Subpart A

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-0000A Emission Point: 00002
Process: T02 Emission Source: TUR02

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

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

This condition limits potential annual NOx emissions from
gas turbine unit #2 for PSD non applicability for a
modification that occurred on December 13, 1999.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 4474 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 40: Contaminant List
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable State Requirement:ECL 19-0301

Item 40.1:

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

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



Condition 41: Malfunctions and start-up/shutdown activities
Effective between the dates of 01/08/2014 and 01/07/2019

Applicable State Requirement:6 NYCRR 201-1.4

Item 41.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

