



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-5024-00007/00004
Mod 0 Effective Date: 03/25/2008 Expiration Date: 03/25/2013
Mod 1 Effective Date: Expiration Date:

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

Contact: RICHARD B GANGLE
DOMINION TRANSMISSION INC
445 W MAIN ST
CLARKSBURG, WV 26302
(304) 627-3225

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

Description:
Title V permit modification to add a new turbine, retire an existing permit.

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: JOHN H MERRIMAN, JR
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 3: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301.2(m)

Item 3.1:

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 4: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6NYCRR 621.11

Item 4.1:

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 4.2:

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 4.3:



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

Item 5.1:

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

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

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

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

Item 7.1:

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



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: DOMINION TRANSMISSION INC
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

Permit Effective Date:

Permit Expiration Date:



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

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 23 6NYCRR 201-6: Emission Unit Definition
- 1-1 6NYCRR 201-6.5(b)(2): Compliance Certification
- 1-2 6NYCRR 201-6.5(g): Non Applicable requirements
- 1-3 6NYCRR 227-1.3(a): Compliance Certification
- 1-4 6NYCRR 227-2.5(c): Compliance Certification
- 1-5 6NYCRR 227-2.5(c): Compliance Certification
- 27 : Compliance Certification
- 1-6 40CFR 60.7, NSPS Subpart A: Compliance Certification
- 1-7 40CFR 60.8, NSPS Subpart A: Compliance Certification
- 1-8 40CFR 60.332(a)(2), NSPS Subpart GG: Compliance Certification

Emission Unit Level

- 30 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 31 6NYCRR 201-6: Process Definition By Emission Unit

EU=0-0000A,Proc=T04

- 1-9 40CFR 60.4320(a), NSPS Subpart KKKK: Compliance Certification
- 1-10 40CFR 60.4330, NSPS Subpart KKKK: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 34 ECL 19-0301: Contaminant List



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 - 6NYCRR Part 201-1.5

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

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

(1) An emergency occurred and that the facility owner and/or

operator can identify the cause(s) of the emergency;

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

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

(4) The facility owner and/or operator notified the Department

within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 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 6NYCRR 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 Part 201-6.3(a)(4)

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

Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)

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

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

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

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

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

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR Part 201-6.5(a)(5)

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

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

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

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)



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

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)

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

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

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the



effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



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

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

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

Condition 23: Emission Unit Definition
Effective between the dates of 03/25/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 23.1(From Mod 1):

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

Emission Unit: 0-0000A

Emission Unit Description:

TUR01 - TUR02: 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.)

TUR03 is shut down.

Building(s): 01
02

Condition 1-1: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-6.5(b)(2)

Item 1-1.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-0000A

Process: T01

Emission Source: TUR01

Emission Unit: 0-0000A

Process: T02

Emission Source: TUR02



Emission Unit: 0-0000A

Process: T04

Emission Source: TUR04

Item 1-1.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Periodic Monitoring for compliance with NOx
RACT

(Condition 24 will be expired and this condition will be effective upon startup of the new turbine.)

On an annual basis, or at a more frequent basis, the owner or operator shall conduct emission tests for NOx. Such testing shall be conducted using ASTM D6522-00 or equivalent in accordance with a protocol approved by the DEC. Submission of a protocol and the final test report shall be in accordance with 6 NYCRR 202-1. The protocol shall be submitted at least 30 days prior to conducting the tests and the final report is due within 60 days of completion of such tests.

The combined emissions shall not exceed 61 pounds per hour, provided emissions from Unit 4 (the new turbine) are less than or equal to 25 ppmv corrected to 15% O₂. If emissions from Unit 4 are not equal to or less than 25 ppmv corrected to 15% O₂, the allowable emission limit from Units 1 and 2 is 56 pounds per hour.

On an annual basis, the owner or operator shall submit to the DEC a report stating whether any testing has been conducted and if so, the results of such testing.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 61 pounds per hour

Reference Test Method: ASTM D6522-0

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-2: Non Applicable requirements
Effective for entire length of Permit**

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

Item 1-2.1:

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.

(From Mod 1) 6NYCRR 201-6.1(b)(2)

Reason: Conditions 24, 26, 28 and 29 will cease to apply after the new turbine (#4) has begun operation.

Turbine #3 shall cease to operate and be rendered incapable of operation after Turbine #4 commences initial operation.

Turbine #4 will be considered to have commenced initial operation after an operational shake down period that concludes when contractual guarantees with the vendor have been met, but in no case shall exceed 180 days after first firing fuel. During the period commencing when Turbine 4 first fires fuel until the Turbine completes shakedown, Turbine #3 shall not operate simultaneously with Turbine #4.

**Condition 1-3: Compliance Certification
Effective for entire length of Permit**

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

Item 1-3.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

- Emission Unit: 0-0000A Emission Point: 00001
- Emission Unit: 0-0000A Emission Point: 00002
- Emission Unit: 0-0000A Emission Point: 00004

Item 1-3.2:

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 DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 1-4: Compliance Certification
Effective for entire length of Permit

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

Replaces Condition(s) 27

Item 1-4.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The DEC is aware that Borger Station has plans to install a new natural gas turbine (T04) to replace one of the existing turbine units. The new turbine (T04) will have significantly lower emissions.

Upon installation of the new turbine (T04), to the extent practicable during the period from May 1 to September 30, the facility shall preferentially operate the new, lower emitting turbine (T04) rather than the remaining higher emitting, older turbines (T01 and T02). Upon installation and startup of a new turbine (T04), the owner shall maintain a log showing the operation of the turbines. For those periods during the May 1 to September 30 timeframe where the new low emitting turbine (T04) is installed and where an older turbine (T01 and/or T02) is operating while the new, low emitting unit (T04) is idle, the log shall explain why the low emitting turbine (T04) is not operating in place of the older, higher emitting unit (T01 and/or T02).

This condition does not authorize construction of any new



unit, nor does this condition waive any permitting requirements applicable to the construction of a new unit.

On an annual basis, the owner or operator shall report to the DEC in the annual certification the periods during which the older turbines were operated rather than the new unit and the reason for the usage.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 1-5: Compliance Certification
Effective for entire length of Permit

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

Item 1-5.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-0000A

Process: T01

Emission Source: TUR01

Emission Unit: 0-0000A

Process: T02

Emission Source: TUR02

Emission Unit: 0-0000A

Process: T04

Emission Source: TUR04

Item 1-5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

(Condition 28 will be expired and this condition will be effective upon startup of the new turbine.)

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

Condition 27: Compliance Certification
Effective between the dates of 03/25/2008 and Permit Expiration Date

Applicable Federal Requirement:

Replaced by Condition(s) 1-4

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The DEC is aware that Borger Station has plans to install a new natural gas turbine to replace one of the existing turbine units. The new turbine will have significantly lower emissions.

Upon installation of the new turbine, to the extent practicable during the period from May 1 to September 30, the facility shall preferentially operate the new, lower emitting turbine rather than the remaining higher emitting, older turbines. Upon installation and startup of a new turbine, the owner shall maintain a log showing the operation of the turbines. For those periods during the May 1 to September 30 timeframe where the new low emitting turbine is installed and where an older turbine is operating while the new, low emitting unit is idle, the log shall explain why the low emitting turbine is not operating in place of the older, higher emitting unit.



This condition does not authorize construction of any new unit, nor does this condition waive any permitting requirements applicable to the construction of a new unit.

On an annual basis, the owner or operator shall report to the DEC in the annual certification the periods during which the older turbines were operated rather than the new unit and the reason for the usage.

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 1/30/2009.

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

**Condition 1-6: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.7, NSPS Subpart A

Item 1-6.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-6.2:

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(a)(1), regarding the date construction of the affected unit commenced;
2. 40 CFR 60.7(a)(3), regarding the date of initial startup;
3. 40 CFR 60.7(b), which requires the owner or operator to keep records of startup, shutdown or malfunction;
8. 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 1-7: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.8, NSPS Subpart A

Item 1-7.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-7.2:

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 60.8 (a) through (e) as indicated below:

1. 40 CFR 60.8(a), regarding the need to conduct performance tests within 60 days after achieving the maximum production rate but not later than 180 days after initial startup unless prevented by force majeure or the test is waived by the EPA;
2. 40 CFR 60.8(b), in which the EPA may approve waivers or the use of equivalent or alternate methods;
3. 40 CFR 60.8(c), which requires testing to be performed under conditions of representative performance;
4. 40 CFR 60.8(d), regarding the need to provide 30 days notice prior to testing;
5. 40 CFR 60.8(e), regarding test locations and safe access.

On a calendar year basis, the owner or operator shall submit to the DEC a certification stating whether he or she has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



0.1<N<=0.25: 0.004+ 0.0067(N-0.1)
 N>0.25: 0.005

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: 150 parts per billion 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.
 Subsequent reports are due every 12 calendar month(s).

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

Condition 30: Emission Point Definition By Emission Unit
Effective between the dates of 03/25/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 30.1(From Mod 1):

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

Emission Unit: 0-0000A			
Emission Point: 00001			
Height (ft.): 30	Diameter (in.): 48		
NYTMN (km.): 4699.5	NYTME (km.): 383.7	Building: 01	
Emission Point: 00002			
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		
		Building: 02	
Emission Point: 00003			
		Removal Date: 11/01/2010	
Height (ft.): 30	Diameter (in.): 48		
NYTMN (km.): 4699.5	NYTME (km.): 383.7	Building: 01	

Condition 31: Process Definition By Emission Unit
Effective between the dates of 03/25/2008 and Permit Expiration Date



Applicable Federal Requirement:6NYCRR 201-6

Item 31.1(From Mod 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 31.2(From Mod 1):

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 31.3(From Mod 1):

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)

Item 31.4(From Mod 0):

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)

**Condition 1-9: Compliance Certification
Effective for entire length of Permit**



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

KKKK

Item 1-9.1:

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 1-9.2:

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 billion 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.

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

**Condition 1-10: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.4330, NSPS Subpart KKKK

Item 1-10.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-0000A

Process: T04

Item 1-10.2:

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

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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 34: Contaminant List

Effective between the dates of 03/25/2008 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 34.1:

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

New York State Department of Environmental Conservation

Permit ID: 7-5024-00007/00004

Facility DEC ID: 7502400007



