



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-2320-00026/00007  
Effective Date: 12/24/2014 Expiration Date: 12/23/2024

Permit Issued To: IROQUOIS GAS TRANSMISSION SYSTEM LP  
ONE CORPORATION DR STE 600  
SHELTON, CT 06484

Contact: JAMES T BARNES  
IROQUOIS PIPELINE OPERATING CO  
1 CORPORATE DR STE 600  
SHELTON, CT 06484  
(203) 944-7023

Facility: CROGHAN COMPRESSOR STATION  
OLD STATE RD  
CROGHAN, NY 13327

Description:

This is an Air State Facility Permit renewal for an existing permitted facility. Description fields for some sections have been updated to reflect present equipment on site that had been proposed at the last modification. No major changes have occurred in this renewal.

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: LAWRENCE R AMBEAU  
NYSDEC - REGION 6  
317 WASHINGTON ST  
WATERTOWN, NY 13601

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 6 HEADQUARTERS



**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**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 6 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 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

**New York State Department of Environmental Conservation**

Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026



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

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY  
PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: IROQUOIS GAS TRANSMISSION SYSTEM LP  
ONE CORPORATION DR STE 600  
SHELTON, CT 06484

Facility: CROGHAN COMPRESSOR STATION  
OLD STATE RD  
CROGHAN, NY 13327

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

Permit Effective Date: 12/24/2014

Permit Expiration Date: 12/23/2024



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6 NYCRR 202-1.1: Required Emissions Tests
- 2 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- 3 6 NYCRR 202-1.2: Notification
- 4 6 NYCRR 202-1.3: Acceptable procedures
- 5 6 NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 6 6 NYCRR 211.1: Air pollution prohibited
- 7 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 8 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 9 40CFR 60.9, NSPS Subpart A: Availability of information.
- 10 40CFR 60.12, NSPS Subpart A: Circumvention.
- 11 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 12 40CFR 60.14, NSPS Subpart A: Modifications.
- 13 40CFR 60.15, NSPS Subpart A: Reconstruction
- 14 40CFR 60.334(h)(3), NSPS Subpart GG: Compliance Demonstration

**Emission Unit Level**

**EU=2-00001**

- \*15 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*16 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*17 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 18 40CFR 60.333(b), NSPS Subpart GG: Compliance Demonstration

**EU=2-00001,EP=00001**

- 19 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 20 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 21 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 22 40CFR 60.332(a)(2), NSPS Subpart GG: Compliance Demonstration
- 23 40CFR 60.332(k), NSPS Subpart GG: Exemption from NOx standard.

**EU=2-00001,EP=00002**

- 24 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 25 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 26 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 27 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 28 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 29 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 30 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 31 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 32 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 33 40CFR 60.332(a)(2), NSPS Subpart GG: Compliance Demonstration
- 34 40CFR 60.332(k), NSPS Subpart GG: Exemption from NOx standard.

**EU=2-00001,EP=00002,Proc=001,ES=00002**

- 35 6 NYCRR 202-1.1: Compliance Demonstration



- 36 6 NYCRR 202-1.1: Compliance Demonstration
- 37 6 NYCRR 202-1.1: Compliance Demonstration
- 38 6 NYCRR 202-1.1: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 39 ECL 19-0301: Contaminant List
- 40 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 41 6 NYCRR Subpart 201-5: Emission Unit Definition
- 42 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 43 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 44 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

- 45 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 46 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.





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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6 NYCRR 200.5**

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

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

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6**

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.

**Item C: Maintenance of Equipment - 6 NYCRR 200.7**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

**Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2**

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

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

**Item E: Emergency Defense - 6 NYCRR 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 F: Recycling and Salvage - 6 NYCRR 201-1.7**

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

**Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8**

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

**Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)**

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

**Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)**

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

**Item J: Required Emission Tests - 6 NYCRR 202-1.1**



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

**Item K: Open Fires Prohibitions - 6 NYCRR 215.2**

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

**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.

**FEDERAL APPLICABLE REQUIREMENTS**  
**The following conditions are federally enforceable.**

**Condition 1: Required Emissions Tests**



Effective between the dates of 12/24/2014 and 12/23/2024

Applicable Federal Requirement:6 NYCRR 202-1.1

**Item 1.1:**

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

**Condition 2: Facility Permissible Emissions**

Effective between the dates of 12/24/2014 and 12/23/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

**Item 2.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000630-08-0 PTE: 140,300 pounds per year  
Name: CARBON MONOXIDE

CAS No: 0NY210-00-0 PTE: 152,000 pounds per year  
Name: OXIDES OF NITROGEN

**Condition 3: Notification**

Effective between the dates of 12/24/2014 and 12/23/2024

Applicable Federal Requirement:6 NYCRR 202-1.2

**Item 3.1:**

A person who is required by the commissioner to submit a stack test report shall notify the commissioner, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his representative, free access to observe stack testing being conducted by such person.

**Condition 4: Acceptable procedures**

Effective between the dates of 12/24/2014 and 12/23/2024

Applicable Federal Requirement:6 NYCRR 202-1.3

**Item 4.1:**

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

**Condition 5: Acceptable procedures - Stack test report submittal**

Effective between the dates of 12/24/2014 and 12/23/2024





**Condition 9: Availability of information.**  
Effective between the dates of 12/24/2014 and 12/23/2024

**Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A**

**Item 9.1:**  
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

**Condition 10: Circumvention.**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 10.1:**  
No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

**Condition 11: Monitoring requirements.**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 11.1:**  
All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

**Condition 12: Modifications.**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 12.1:**  
Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

**Condition 13: Reconstruction**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 13.1:**  
The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;



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

**Condition 14: Compliance Demonstration**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable Federal Requirement: 40CFR 60.334(h)(3), NSPS Subpart GG**

**Item 14.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Notwithstanding the provisions of paragraph (h)(1) of 40 CFR 60.334(h), the owner or operator may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in §60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use one of the following sources of information to make the required demonstration:

(i) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(ii) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to 40 CFR part 75 of this chapter is required.



**New York State Department of Environmental Conservation**

Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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

**Condition 15: Capping Monitoring Condition**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 15.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 15.2:**

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

**Item 15.3:**

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

**Item 15.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 15.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 15.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001

**New York State Department of Environmental Conservation**

Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026



Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 15.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EPs 00001 & 00002 annual emissions of CO are limited to 99.0 tons per year calculated on a monthly rolling basis. EP00001 (Solar Taurus turbine) is limited to 6.58 lb/hr of CO at temperatures of 32 degrees F and above and for temperatures below 32 degrees F, CO emissions are limited to 16.65 lb/hr. EP00002 is limited to CO emissions of 9.24 lb/hr for temperatures above 0 degrees F and 34.30 lb/hr for temperatures below 0 degrees F. These emission limits shall be used for compliance determinations with 99.0 tons/yr cap.

Reference Test Method: EPA Method 10

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 16: Capping Monitoring Condition**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 16.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 16.2:**

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

**Item 16.3:**

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

**New York State Department of Environmental Conservation**

Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026



**Item 16.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 16.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 16.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001

Regulated Contaminant(s):

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

**Item 16.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EPs 00001 & 00002 annual emissions of NOx are limited to 99.0 tons per year. EP00001 (Solar Taurus turbine) is limited 8.9 lbs/hr of NOx. EP00002 NOx emissions are limited to 7.59 lb/hr at temperatures above 0 degrees F and 45.10 lb/hr at temperatures below 0 degrees F. These emission limits shall be used to determine compliance with the 99.0 tons/yr limit.

Reference Test Method: EPA Method 7

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 17: Capping Monitoring Condition**

**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 17.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

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6 NYCRR Subpart 201-6

**Item 17.2:**

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

**Item 17.3:**

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

**Item 17.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 17.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 17.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001

Regulated Contaminant(s):

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

**Item 17.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EP 00002's operation below 0 degrees F is limited to 1000 hours per year calculated on a monthly rolling basis.

Compliance will be determined based on the number of hours below 0 degrees F as recorded by turbine inlet temperature.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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



**Condition 18: Compliance Demonstration**  
Effective between the dates of 12/24/2014 and 12/23/2024

**Applicable Federal Requirement: 40CFR 60.333(b), NSPS Subpart GG**

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a stationary gas turbine subject to 40CFR60 Subpart GG shall burn in that turbine any fuel which contains sulfur in excess of 0.8 percent by weight. The owner or operator shall monitor sulfur content of the fuel being fired in the turbine according to the frequency specified in 40CFR60.334(i).

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.8 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 19: Compliance Demonstration**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001

Emission Point: 00001

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Manufacturer Name/Model Number: Solar Taurus

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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 20: Recordkeeping requirements.**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable Federal Requirement:40CFR 60.7(b), NSPS Subpart A**

**Item 20.1:**

This Condition applies to Emission Unit: 2-00001 Emission Point: 00001

**Item 20.2:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 21: Facility files for subject sources.**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A**

**Item 21.1:**

This Condition applies to Emission Unit: 2-00001 Emission Point: 00001

**Item 21.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

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**Condition 22: Compliance Demonstration**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 22.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001                      Emission Point: 00001

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

**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator shall discharge to the atmosphere from a stationary gas turbine, 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. The value of Y shall not exceed 14.4 kilojoules per watt hour,

F = nitrogen oxide emission allowance for fuel bound nitrogen:

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

$$\begin{aligned} N \leq 0.015 : F &= 0 \\ 0.015 < N \leq 0.1 : F &= 0.04(N) \\ 0.1 < N \leq 0.25 : F &= 0.004 + 0.0067(N - 0.1) \\ N > 0.25 : F &= 0.005 \end{aligned}$$

Manufacturer Name/Model Number: Solar Taurus  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 150 parts per million by volume  
(dry, corrected to 15% O2)

Reference Test Method: EPA RM 20  
Monitoring Frequency: SINGLE OCCURRENCE  
Averaging Method: 1-HOUR AVERAGE

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Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 23: Exemption from NOx standard.**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 23.1:**

This Condition applies to Emission Unit: 2-00001 Emission Point: 00001

**Item 23.2:**

Gas turbines  $\geq$  10 mmBtu/hr heat input firing gas are exempt when firing an emergency fuel.

**Condition 24: Compliance Demonstration**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 24.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001

Emission Point: 00002

**Item 24.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 25: Recordkeeping requirements.**  
Effective between the dates of 12/24/2014 and 12/23/2024

**Applicable Federal Requirement:40CFR 60.7(b), NSPS Subpart A**



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**Item 25.1:**

This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

**Item 25.2:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 26: Facility files for subject sources.  
Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A**

**Item 26.1:**

This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

**Item 26.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 27: Performance testing timeline.  
Effective between the dates of 12/24/2014 and 12/23/2024**

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

**Item 27.1:**

This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

**Item 27.2:**

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

**Condition 28: Performance test methods.  
Effective between the dates of 12/24/2014 and 12/23/2024**

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

**Item 28.1:**

This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

**Item 28.2:**

Performance testing shall be conducted in accordance with the methods and procedures



prescribed in this part or by alternative methods and procedures approved by the Administrator.

**Condition 29: Required performance test information.**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

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

**Item 29.1:**  
This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

**Item 29.2:**  
Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

**Condition 30: Prior notice.**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

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

**Item 30.1:**  
This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

**Item 30.2:**  
The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

**Condition 31: Performance testing facilities.**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

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

**Item 31.1:**  
This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

**Item 31.2:**  
The following performance testing facilities shall be provided during all tests:

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

**Condition 32: Number of required tests.**  
**Effective between the dates of 12/24/2014 and 12/23/2024**



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

**Item 32.1:**

This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

**Item 32.2:**

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

**Condition 33: Compliance Demonstration**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

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

**Item 33.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001 Emission Point: 00002

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

**Item 33.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator shall discharge to the atmosphere from a stationary gas turbine, 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. The value of Y shall not exceed 14.4 kilojoules per watt hour,

F = nitrogen oxide emission allowance for fuel bound nitrogen:

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

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

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0.015 < N <= 0.1 : 0.04(N)
0.1 < N <= 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 RM 20
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 34: Exemption from NOx standard.
Effective between the dates of 12/24/2014 and 12/23/2024

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

Item 34.1:
This Condition applies to Emission Unit: 2-00001 Emission Point: 00002

Item 34.2:
Gas turbines >= 10 mmBtu/hr heat input firing gas are exempt when firing an emergency fuel.

Condition 35: Compliance Demonstration
Effective between the dates of 12/24/2014 and 12/23/2024

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 35.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001 Emission Point: 00002
Process: 001 Emission Source: 00002

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10
CAS No: 0NY075-00-0 PARTICULATES

Item 35.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Iroquois Gas Transmission must perform PM/PM-10 stack testing to confirm minor source status.

Upper Permit Limit: .042 pounds per million Btus
Reference Test Method: EPA Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT



ANY TIME  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 36: Compliance Demonstration**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 36.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001 Emission Point: 00002  
Process: 001 Emission Source: 00002

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

**Item 36.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Iroquois Gas Transmission must perform stack testing of CO to confirm minor source status for this pollutant. This emission limit applies to CO emissions for 0 degrees F and above.

Upper Permit Limit: 0.12 pounds per million Btus  
Reference Test Method: EPA Method 10  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 37: Compliance Demonstration**  
Effective between the dates of 12/24/2014 and 12/23/2024

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

**Item 37.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001 Emission Point: 00002  
Process: 001 Emission Source: 00002

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

**Item 37.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

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**Monitoring Description:**

Iroquois Gas Transmission must perform stack testing for NOx emissions to confirm minor source status. This emission limit applies to operation at or above ambient temperatures of 0 degrees F. Testing for compliance shall take place when ambient temperatures are 0 degrees F or above.

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA Method 7

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 38: Compliance Demonstration**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

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

**Item 38.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001

Emission Point: 00002

Process: 001

Emission Source: 00002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 38.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Iroquois Gas Transmission must perform VOC stack testing to confirm minor source status for this pollutant.

Upper Permit Limit: 0.0053 pounds per million Btus

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



**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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)**

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

**Item B: 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 only enforceable.**

**Condition 39: Contaminant List**  
**Effective between the dates of 12/24/2014 and 12/23/2024**



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

**Item 39.1:**

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

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

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

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

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

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

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

**Condition 40: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

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

**Item 40.1:**

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

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

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working





hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

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

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

**Condition 41: Emission Unit Definition**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 41.1:**

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

Emission Unit: 2-00001

Emission Unit Description:

THE EXISTING NATURAL GAS PIPELINE COMPRESSOR STATION INCLUDES TWO TURBINES AND COMPRESSION FACILITIES TO BOOST NATURAL GAS PRESSURE IN IROQUOIS NATURAL GAS PIPELINE SYSTEMS TO DELIVERY NATURAL GAS TO ITS CUSTOMERS. THE FACILITY INCLUDES ONE 7000 HP TURBINE, 10,000 HORSEPOWER (93 MMBTU/HR) SIMPLE CYCLE NATURAL GAS TURBINE AND AN EMERGENCY GENERATOR AND OTHER SMALL COMBUSTION SOURCES (HEATERS) THAT ARE EXEMPT FROM PERMITTING. THE ONLY EMISSION POINTS REQUIRING PERMITS ARE THE TWO TURBINES.

Building(s): 1  
2

**Condition 42: Renewal deadlines for state facility permits**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable State Requirement:6 NYCRR 201-5.2 (c)**

**Item 42.1:**

The owner or operator of a facility having an issued state facility 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.

**New York State Department of Environmental Conservation**

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**Condition 43: Compliance Demonstration**  
Effective between the dates of 12/24/2014 and 12/23/2024

**Applicable State Requirement:6 NYCRR 201-5.3 (c)**

**Item 43.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 43.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 6  
State Office Building  
317 Washington Ave.  
Watertown, NY 13601

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 44: Visible Emissions Limited**  
Effective between the dates of 12/24/2014 and 12/23/2024

**Applicable State Requirement:6 NYCRR 211.2**

**Item 44.1:**

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

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

**Condition 45: Emission Point Definition By Emission Unit**  
Effective between the dates of 12/24/2014 and 12/23/2024

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 45.1:**

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



Emission Unit: 2-00001

Emission Point: 00001

Height (ft.): 52 Diameter (in.): 80  
NYTMN (km.): 4864.7 NYTME (km.): 471.3 Building: 1

Emission Point: 00002

Height (ft.): 52 Diameter (in.): 54  
NYTMN (km.): 4864.7 NYTME (km.): 471.3 Building: 2

**Condition 46: Process Definition By Emission Unit**  
**Effective between the dates of 12/24/2014 and 12/23/2024**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 46.1:**

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

Emission Unit: 2-00001

Process: 001

Process Description:

THE PROCESS INVOLVES THE TWO SIMPLE CYCLE  
NATURAL GAS FUELED TURBINES TO BE USED TO  
DRIVE NATURAL GAS PIPELINE COMPRESSORS.  
THE EMISSION UNIT 00001 7,000 HP TURBINE  
MAX NOX CONCENTRATION IS 42 PPM BY VOLUME  
ON A DRY BASIS. THE EMISSION UNIT 00002  
10,000 HP TURBINE MAX NOX CONCENTRATION IS  
25 PPMVD.

Emission Source/Control: 00001 - Combustion  
Design Capacity: 57 million Btu per hour

Emission Source/Control: 00002 - Combustion  
Design Capacity: 93 million Btu per hour

