PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-2530-00033/00001
Effective Date: 01/01/2017 Expiration Date: 12/31/2026

Permit Issued To:DOMINION TRANSMISSION INC
925 WHITE OAK BLVD
BRIDGEPORT, WV 26330

Contact: Judith Fox
Dominion Gas Environmental Services
5000 Dominion Blvd.
Glen Allen, VA 23060
(804) 273-4327

Facility: SHEDS COMPRESSOR STATION
WILCOX RD
GEORGETOWN, NY 13072

Description:

This permit authorizes the construction and operation of a new natural gas compressor station. There will be one new combustion turbine with a maximum rating of 10,880 horespower and a maximum heat input of 61.64 MMBtu/hr (HHV).

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: CHRISTOPHER M HOGAN
625 BROADWAY
ALBANY, NY 12233

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 ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:
The permittee must submit a renewal application at least 180 days before expiration of permits for both Title V and State Facility Permits.

Item 3.3:
Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

Item 4.1:
The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

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

Item 5.1:
Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:DOMINION TRANSMISSION INC
925 WHITE OAK BLVD
BRIDGEPORT, WV 26330

Facility: SHEDS COMPRESSOR STATION
WILCOX RD
GEORGETOWN, NY 13072

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

Permit Effective Date: 01/01/2017 Permit Expiration Date: 12/31/2026

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

1 6 NYCRR 200.6: Acceptable Ambient Air Quality
2 6 NYCRR 200.7: Maintenance of Equipment
3 6 NYCRR 211.1: Air pollution prohibited
4 40CFR 60.5410a(j), NSPS Subpart OOOOa: Compliance Demonstration
5 40CFR 60.5415a(h), NSPS Subpart OOOOa: Compliance Demonstration

Emission Unit Level

EU=U-00001

6 6 NYCRR 200.6: Compliance Demonstration
7 6 NYCRR 200.6: Compliance Demonstration
8 6 NYCRR 200.7: Compliance Demonstration
9 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
10 40CFR 60.4320(a), NSPS Subpart KKKK: Compliance Demonstration
11 40CFR 60.4330, NSPS Subpart KKKK: Compliance Demonstration
12 40CFR 60.4333, NSPS Subpart KKKK: Compliance Demonstration
13 40CFR 60.4340(a), NSPS Subpart KKKK: Compliance Demonstration
14 40CFR 60.4365(a), NSPS Subpart KKKK: Compliance Demonstration
15 40CFR 60.4375(b), NSPS Subpart KKKK: Compliance Demonstration

EU=U-00001,EP=00001

16 6 NYCRR 227-1.3 (a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level

17 ECL 19-0301: Contaminant List
18 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
19 6 NYCRR Subpart 201-5: Emission Unit Definition
20 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
21 6 NYCRR 201-5.3 (c): Compliance Demonstration
22 6 NYCRR 201-5.3 (c): Compliance Demonstration
23 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

24 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
25 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

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: **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 F: **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 G: **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 H: **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 I: **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 J: **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 K: **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 L: **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: Acceptable Ambient Air Quality
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Maintenance of Equipment
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:6 NYCRR 200.7

Item 2.1:
Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 3: Air pollution prohibited
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:6 NYCRR 211.1

Item 3.1:
No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor,

pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 4: **Compliance Demonstration**
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:40CFR 60.5410a(j), NSPS Subpart OOOOa

Item 4.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 4.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

In order to demonstrate initial compliance with the fugitive emission standards for each collection of fugitive emissions components at a well site and each collection of fugitive emissions components at a compressor station, the facility owner or operator must comply with paragraphs (1) through (5) below.

(1) Develop and implement a fugitive emissions monitoring plan as described in 40 CFR 60.5397a(b), (c), and (d).

(2) Conduct an initial monitoring survey as required by 40 CFR 60.5397a(f).

(3) Maintain the records specified in 40 CFR 60.5420a(c)(15).

(4) Repair each identified source of fugitive emissions for each affected facility as required in 40 CFR 60.5397a(h).

(5) Submit the initial annual report for each collection of fugitive emissions components at a well site and each collection of fugitive emissions components at a compressor station as required in 40 CFR 60.5420a(b)(1) and (7).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 5: **Compliance Demonstration**
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:40CFR 60.5415a(h), NSPS Subpart OOOOa

Item 5.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 5.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For each collection of fugitive emissions components at a well site and each collection of fugitive emissions components at a compressor station, the facility owner or operator must demonstrate continuous compliance with the fugitive emission standards specified in 40 CFR 60.5397a according to paragraphs (1) through (4) below.

(1) Conduct periodic monitoring surveys as required in 40 CFR 60.5397a(g).

(2) Repair or replace each identified source of fugitive emissions as required in 40 CFR 60.5397a(h).

(3) Maintain records as specified in 40 CFR 60.5420a(c)(15).

(4) Submit annual reports for collection of fugitive emissions components at a well site and each collection of fugitive emissions components at a compressor station as required in 40 CFR 60.5420a(b)(1) and (7).

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 1/30/2017.
Subsequent reports are due every 12 calendar month(s).

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

Condition 6: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:6 NYCRR 200.6

Item 6.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 6.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The combustion turbine shall be equipped with the SoLoNOx lean-mix dry low NOx combustion system and shall only operate in lean pre-mix mode (i.e. above 50% turbine load) except for startup, shutdown, unavoidable malfunction periods, and when ambient temperatures are less than zero degrees Fahrenheit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 7: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:6 NYCRR 200.6

Item 7.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 7.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility shall conduct initial NOx and formaldehyde emissions testing for comparison against the mass emission rates used in the facility's air quality dispersion model analysis to demonstrate compliance with 1-hr NO2 NAAQS and NYSDEC Short-term (1-hr) and Annual Guidance Concentrations (SGC/AGC) for Formaldehyde, per the Division of Air Resources Guideline 1 (DAR-1). Initial emission testing shall also include testing for CO emissions. Formaldehyde and CO testing shall be conducted on the outlet of the oxidation catalyst. Testing shall coincide with the initial NSPS Subpart KKKK test and shall be based on full load operation (does not include startup/shutdown conditions or below 0 degrees F ambient temperature). Testing shall be conducted in accordance with a protocol approved by the Department in accordance with 6 NYCRR 202-1. Not later than 60 days after the completion of the testing, the facility shall submit to the Department a complete report of the results of such tests. The report shall detail how the results compare with the facility's air dispersion model. Should there be

discrepancies with the emission testing results and the predicted emission results from the facility's air dispersion model, further examination of the model may be required by the Department. The Department reserves the right to require additional testing based on the results of the emission testing.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 8: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:6 NYCRR 200.7

Item 8.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 8.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility shall prepare, adhere to, and maintain an Operation and Maintenance Plan (OMP) for the Oxidation Catalyst. Upon request, submit a copy of the Oxidation Catalyst OMP to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 9.1:
This Condition applies to Emission Unit: U-00001

Item 9.2:
This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 10: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

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

Item 10.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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

Item 10.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission Unit U-00001 must satisfy the emission standards for Oxides of Nitrogen (NOx) in 40 CFR 60 Subpart KKKK. For a facility with a new turbine firing natural gas and if the combustion turbine heat input at peak load (HHV) is greater than 50 mmBtu/hr and less than or equal to 850 mmBtu/hr, the facility must not exceed the NOx emission standard of 25 ppm at 15% O2.

Compliance with this emission standard shall be determined according to the annual or biennial performance tests as specified in §60.4340(a). The facility must submit a written report of the results as specified in §60.4375(b).

Parameter Monitored: CONCENTRATION
Upper Permit Limit: 25 parts per million by volume (dry, corrected to 15% O2)
Reference Test Method: EPA Method 7E or Method 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 11: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:40CFR 60.4330, NSPS Subpart KKKK

Item 11.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 11.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The emission limit for sulfur dioxide from a stationary combustion turbine is 0.060 lb SO2/MMBtu heat input. If the turbine simultaneously fires multiple fuels, each fuel must meet this requirement.

Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 0.060 pounds per million Btus
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:40CFR 60.4333, NSPS Subpart KKKK

Item 12.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 12.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must operate and maintain your stationary combustion turbine, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times including during startup, shutdown, and malfunction.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 13: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:40CFR 60.4340(a), NSPS Subpart KKKK

Item 13.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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

Item 13.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If the facility is not using water or steam injection to control NOx emissions, the facility must perform annual performance tests in accordance with §60.4400 to demonstrate continuous compliance.

If the NOx emission result from the performance test is less than or equal to 75% of the NOx emission limit for the turbine, the facility may reduce the frequency of subsequent performance tests to once every two years (no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceeds 75% of the NOx emission limit for the turbine, the facility must resume annual performance tests.

Reference Test Method: EPA Method 7E or Method 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 14: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:40CFR 60.4365(a), NSPS Subpart KKKK

Item 14.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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

Item 14.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility may elect not to monitor the total sulfur content of the fuel combusted in the turbine, if the fuel is demonstrated not to exceed potential sulfur emissions

of 26 ng SO2/J (0.060 lb SO2/mmBtu) heat input.

The facility must use the fuel quality characteristics in a current, valid purchase contract, tariff sheet, or transportation contract for the fuel, specifying that:

1) The maximum total sulfur content for oil use is 0.05% by weight (500 ppmw) or less, or
2) The total sulfur content for natural gas use is 20 grains of sulfur or less per 100 standard cubic feet, or
3) Has potential sulfur emissions of less than 26 ng SO2/J (0.060 lb SO2/mmBtu) heat input.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 15: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable Federal Requirement:40CFR 60.4375(b), NSPS Subpart KKKK

Item 15.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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

Item 15.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each affected unit that performs annual performance tests in accordance with §60.4340(a), the facility must submit a written report of the results of each performance test before the close of business on the 60th day following the completion of the performance test.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 16: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

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

Item 16.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Item 16.2:
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 operate the installation in such a way to 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: Method 9
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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: **Emergency Defense - 6 NYCRR 201-1.5**

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

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

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;
(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;
(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item B: **Public Access to Recordkeeping for 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 C: **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 17: Contaminant List
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable State Requirement:ECL 19-0301

Item 17.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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

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

Condition 18: Malfunctions and start-up/shutdown activities
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable State Requirement:6 NYCRR 201-1.4

Item 18.1:
(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 19: Emission Unit Definition
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 19.1:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00001
Emission Unit Description:
Solar Taurus 70 Combustion turbine with a dry low NOx combustor fired exclusively on natural gas with a maximum rating of 10,880 horsepower and a maximum heat input of 91.64 MMBtu/hr HHV.

Building(s): 1

Condition 20: Renewal deadlines for state facility permits
Effective between the dates of 01/01/2017 and 12/31/2026

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

Item 20.1:
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.

Condition 21: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

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

Item 21.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 21.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility owner or operator must implement the following emissions reduction measures at the facility:

(1) The centrifugal gas compressor shall use dry type compressor seals. The gas seal system shall use an external seal supply to allow for the pressurized hold times during periods of compressor shutdown to be extended to the maximum practical length.

(2) The centrifugal gas compressor shall use an electric drive starting motors.

(3) All valves and guide vane actuators shall be either electric or of a "low bleed" design as designed by the valve manufacturer.

(4) Annual emergency shutdown (ESD) testing shall be conducted as "capped" tests (i.e. minimal discharge of vented natural gas to the outdoor atmosphere). The facility owner or operator may conduct an uncapped ESD test once every five years in order to ensure system safety.

(5) The gas piping system shall be designed and operated

to minimize the quantity of natural gas vented to the outdoor atmosphere during periods of system maintenance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 22: Compliance Demonstration
Effective between the dates of 01/01/2017 and 12/31/2026

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

Item 22.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 22.2:
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 7
615 Erie Blvd West
Syracuse, NY 13204

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 23: Visible Emissions Limited
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable State Requirement:6 NYCRR 211.2

Item 23.1:
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 24: Emission Point Definition By Emission Unit
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 24.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00001

Emission Point: 00001
Height (ft.): 55 Diameter (in.): 54
NYTMN (km.): 4739.239 NYTME (km.): 434.09 Building: 1

Condition 25: Process Definition By Emission Unit
Effective between the dates of 01/01/2017 and 12/31/2026

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 25.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001
Process: 100 Source Classification Code: 2-02-002-01
Process Description:
Solar Taurus 70 combustion turbine fired exclusively on natural gas with a maximum rating of 10,880 horsepower and a maximum heat input of 91.64 MMBtu/hr HHV.

Emission Source/Control: 00ST1 - Combustion
Design Capacity: 10,880 horsepower (mechanical)

Emission Source/Control: ST1OC - Control
Control Type: CATALYTIC OXIDATION