

Facility DEC ID: 2610200116

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6102-00116/00021
Mod 0 Effective Date: 07/05/2018 Expiration Date: 07/04/2023
Mod 1 Effective Date: 05/05/2022 Expiration Date: 07/04/2023

Permit Issued To: ASTORIA GENERATING COMPANY LP
c/o EASTERN GENERATION LLC
300 ATLANTIC ST FL 5
STAMFORD, CT 06901

Contact: ANDREW W OLIVER
ASTORIA GENERATING COMPANY, LP C/O EASTERN GENERATION
LLC
3650 JAMES ST STE 206
SYRACUSE, NY 13206
(315) 433-1371

Facility: GOWANUS GENERATING STATION
29TH ST & 2ND AVE
BROOKLYN, NY 11232

Contact: NATALIA HERNANDEZ
ASTORIA GENERATING STATION
18-01 20TH AVE GATE 1
ASTORIA, NY 11105
(718) 204-3918

Description:

Gowanus Generating Station (GGS) is an existing electric power generating plant. The existing facility operates thirty two (32) combustion turbine/electric generating sets located on four barges with a total generating capacity of 640 megawatts(MW). Each existing combustion turbine is rated at 299 mmbtu/hr. Sixteen (16) of the turbines combust distillate oil only; the other 16 units have dual fuel capability (oil and gas). Emission Unit G-00001: combustion turbines and starter diesels - thirty two (32) existing combustion turbines and starter diesels, emission points GT11 - GT18, GT21, GT31 - GT38 and GT41 - GT48.

Modification application is to include conditions pertaining to applicable portions of new and revised regulations: 6 NYCRR Part 227-3, 6 NYCRR Part 242 and 6 NYCRR Part 251.

Facility DEC ID: 2610200116

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: STEPHEN A WATTS
 47-40 21ST ST
 LONG ISLAND CITY, NY 11101-5401

Authorized Signature: _____ Date: ___ / ___ / ___

Facility DEC ID: 2610200116

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.

Facility DEC ID: 2610200116

PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 5 1 Facility Inspection by the Department
- 5 2 Relationship of this Permit to Other Department Orders and Determinations
- 5 3 Applications for permit renewals, modifications and transfers
- 6 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 6 5 Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS

Facility DEC ID: 2610200116

DEC GENERAL CONDITIONS

**** General Provisions ****

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before the expiration of permits for 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

Facility DEC ID: 2610200116

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 2

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 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: ASTORIA GENERATING COMPANY LP
c/o EASTERN GENERATION LLC
300 ATLANTIC ST FL 5
STAMFORD, CT 06901

Facility: GOWANUS GENERATING STATION
29TH ST & 2ND AVE
BROOKLYN, NY 11232

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
4931 - ELEC & OTHER SERVICES COMBINED
5171 - PETROLEUM BULK STATIONS & TERMINALS

Mod 0 Permit Effective Date: 07/05/2018

Permit Expiration Date: 07/04/2023

Mod 1 Permit Effective Date: 05/05/2022

Permit Expiration Date: 07/04/2023

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

PAGE LOCATION OF CONDITIONS

PAGE

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

7	1	6 NYCRR 200.6: Acceptable Ambient Air Quality
8	2	6 NYCRR 201-6.4 (a) (7): Fees
8	3	6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
8	4	6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
9	5	6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
11	1-1	6 NYCRR 201-6.4 (e): Compliance Certification
13	7	6 NYCRR 202-2.1: Compliance Certification
13	1-2	6 NYCRR 202-2.5: Recordkeeping requirements
13	9	6 NYCRR 215.2: Open Fires - Prohibitions
15	1-3	6 NYCRR 200.7: Maintenance of Equipment
15	11	6 NYCRR 201-1.7: Recycling and Salvage
15	12	6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
15	13	6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
16	14	6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
16	15	6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
16	16	6 NYCRR 201-6.4 (a) (8): Right to Inspect
17	17	6 NYCRR 201-6.4 (f) (6): Off Permit Changes
17	18	6 NYCRR 202-1.1: Required Emissions Tests
17	19	40 CFR Part 68: Accidental release provisions.
18	20	40CFR 82, Subpart F: Recycling and Emissions Reduction
18	1-4	6 NYCRR 200.6: Compliance Certification
19	21	6 NYCRR Subpart 201-6: Emission Unit Definition
19	22	6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
19	1-5	6 NYCRR 201-6.4 (f): Operational Flexibility
20	23	6 NYCRR Subpart 201-7: Facility Permissible Emissions
20	*24	6 NYCRR Subpart 201-7: Capping Monitoring Condition
23	*25	6 NYCRR Subpart 201-7: Capping Monitoring Condition
27	26	6 NYCRR Part 207: Submittal of Episode Action Plans
27	45	6 NYCRR 211.2: Visible Emissions Limited
27	1-6	6 NYCRR 225-1.2 (d): Compliance Certification
28	1-7	6 NYCRR 225-1.5 (c): Compliance Certification
28	1-8	6 NYCRR 225-1.6 (f): Compliance Certification
29	1-9	6 NYCRR 227-1.3 (a): Compliance Certification
30	1-10	6 NYCRR 227-1.3 (c): Compliance Certification
31	1-11	6 NYCRR 227-1.4 (a): Compliance Certification
31	1-12	6 NYCRR 227-1.4 (a): Compliance Certification
33	30	6 NYCRR 227-2.5 (b): Compliance Certification
33	1-13	6 NYCRR 227-2.6: Compliance Certification
34	31	6 NYCRR 227-2.6: Compliance Certification
37	1-14	6 NYCRR 227-3.4 (a) (1): Compliance Certification
39	1-15	6 NYCRR 227-3.5 (a): Compliance Certification
40	1-16	6 NYCRR 227-3.5 (a): Compliance Certification
43	1-17	6 NYCRR 227-3.5 (a): Compliance Certification

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

- 44 1-18 6 NYCRR 227-3.6: Reliability Exemption from Emission Limits
- 45 32 40CFR 63, Subpart ZZZZ: Applicability
- 45 33 40CFR 63, Subpart ZZZZ: Compliance and Enforcement
- 45 34 40CFR 63, Subpart ZZZZ: Engines at Area sources of HAP
- Emission Unit Level**
- 46 35 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 51 36 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 58 43 ECL 19-0301: Contaminant List
- 58 1-19 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 59 1-20 6 NYCRR 201-6.5 (a): CLCPA Applicability
- 59 27 6 NYCRR 211.1: Air pollution prohibited
- 60 1-21 6 NYCRR 242-1.5: CO2 Budget Trading Program -
Excess emission requirements
- 60 1-22 6 NYCRR 242-1.5: Compliance Demonstration
- 63 1-23 6 NYCRR 242-1.5: Compliance Demonstration
- 66 1-24 6 NYCRR 251.3 (b): Compliance Demonstration
- 67 1-25 6 NYCRR 251.6 (f): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 3/Mod 1/FINAL

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

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

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

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

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

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

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

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

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

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

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

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

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

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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.

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 07/05/2018 and 07/04/2023****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

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 2.1:

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

Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 3.1:

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

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

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

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 4.1:

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

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements,

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 1-1: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

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

Replaces Condition(s) 6

Item 1-1.1:
The Compliance Certification activity will be performed for the Facility.

Item 1-1.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related record keeping and reporting requirements of this permit;
 - such other facts as the Department may require to

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department’s Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Air Compliance Branch
 USEPA Region 2 DECA/ACB
 290 Broadway, 21st Floor
 New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
 Hunters Point Plaza
 47-40 21st Street
 Long Island City, NY 11101-5407

The address for the BQA is as follows:

NYSDEC

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2018.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

Condition 1-2: Recordkeeping requirements
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 202-2.5

- Item 1-2.1:**
- (a) The following records shall be maintained for at least five years:
 - (1) a copy of each emission statement submitted to the department; and
 - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
 - (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 215.2

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Item 9.1:

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

Item 9.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 1-3: Maintenance of Equipment
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 200.7

Item 1-3.1:

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

Condition 11: Recycling and Salvage
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 13.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 14.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information

Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: Right to Inspect

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Condition 17: Off Permit Changes

Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 17.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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 19: Accidental release provisions.

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
 C/O CSC
 8400 Corporate Dr
 Carrollton, Md. 20785

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

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

Condition 1-4: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 200.6

Item 1-4.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Gowanus Generating Station's 32 turbines shall operate only on 100% load(The facility demonstrated compliance the NO2 1- hr National ambient air quality standard(NAAQS) with 100% only(Air Quality Modeling Analysis report dated June 2021))except during the period of startup and shutdown.

The facility shall maintain operating records on-site

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

demonstrating compliance for a minimum period of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2022.

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

Condition 21: Emission Unit Definition

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1(From Mod 1):

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

Emission Unit: G-00001

Emission Unit Description:

Emission Sources 0GT11 - 0GT18 and 0GT41 - 0GT48: Sixteen (16) simple cycle combustion turbines each rated at 299 MMBTU/hr. Each combustion turbine has the capability to burn distillate oil and has a diesel starter engine.

Emission Sources 0GT21 - 0GT28 and 0GT31 - 0GT38: Sixteen (16) combustion turbines each rated at 299 MMBTU/hr. Each combustion turbine has the capability to burn natural gas and distillate oil and has a diesel starter engine.

Building(s): PIER 1

Condition 22: Progress Reports Due Semiannually

Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 22.1:

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

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

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

Condition 1-5: Operational Flexibility

Effective between the dates of 05/05/2022 and 07/04/2023

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

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Item 1-5.1:

A permit modification is not required for changes that are provided for in the permit. Such changes include approved alternate operating scenarios and changes that have been submitted and approved pursuant to an established operational flexibility protocol and the requirements of this section. Each such change cannot be a modification under any provision of Title I of the Clean Air Act or exceed, or cause the facility to exceed, an emissions cap or limitation in the permit. The facility owner or operator must incorporate all changes into any compliance certifications, record keeping, and/or reporting required by the permit.

Condition 23: Facility Permissible Emissions
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 23.1:

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: 0NY210-00-0 (From Mod 1) PTE: 21,280,684
pounds per year
Name: OXIDES OF NITROGEN

Condition 24: Capping Monitoring Condition
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 24.1:

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 231-2
40 CFR 52.21

Item 24.2:

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

Item 24.3:

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.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Item 24.4:

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 24.5:

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 24.6:

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

Emission Unit: G-00001 Process: SEP	Emission Source: OSD11
Emission Unit: G-00001 Process: SEP	Emission Source: OSD12
Emission Unit: G-00001 Process: SEP	Emission Source: OSD13
Emission Unit: G-00001 Process: SEP	Emission Source: OSD14
Emission Unit: G-00001 Process: SEP	Emission Source: OSD15
Emission Unit: G-00001 Process: SEP	Emission Source: OSD16
Emission Unit: G-00001 Process: SEP	Emission Source: OSD17
Emission Unit: G-00001 Process: SEP	Emission Source: OSD18
Emission Unit: G-00001 Process: SEP	Emission Source: OSD21
Emission Unit: G-00001 Process: SEP	Emission Source: OSD22
Emission Unit: G-00001 Process: SEP	Emission Source: OSD23
Emission Unit: G-00001 Process: SEP	Emission Source: OSD24

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: SEP	Emission Source: OSD25
Emission Unit: G-00001 Process: SEP	Emission Source: OSD26
Emission Unit: G-00001 Process: SEP	Emission Source: OSD27
Emission Unit: G-00001 Process: SEP	Emission Source: OSD28
Emission Unit: G-00001 Process: SEP	Emission Source: OSD31
Emission Unit: G-00001 Process: SEP	Emission Source: OSD32
Emission Unit: G-00001 Process: SEP	Emission Source: OSD33
Emission Unit: G-00001 Process: SEP	Emission Source: OSD34
Emission Unit: G-00001 Process: SEP	Emission Source: OSD35
Emission Unit: G-00001 Process: SEP	Emission Source: OSD36
Emission Unit: G-00001 Process: SEP	Emission Source: OSD37
Emission Unit: G-00001 Process: SEP	Emission Source: OSD38
Emission Unit: G-00001 Process: SEP	Emission Source: OSD41
Emission Unit: G-00001 Process: SEP	Emission Source: OSD42
Emission Unit: G-00001 Process: SEP	Emission Source: OSD43
Emission Unit: G-00001 Process: SEP	Emission Source: OSD44
Emission Unit: G-00001 Process: SEP	Emission Source: OSD45

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001
Process: SEP

Emission Source: OSD46

Emission Unit: G-00001
Process: SEP

Emission Source: OSD47

Emission Unit: G-00001
Process: SEP

Emission Source: OSD48

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

Item 24.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The total annual operation of 32 starter engines(OSD11-OSD18, OS21-SD28, OSD31-OSD38 & OS41-OD48) in this process is limited to 2560 hours (Engine NOx emission factor 0.031 lbs/hp-hr ((4.41 lb/mmbtu) AP-42 Fifth Edition, October 1996, Table 3.3-1). Thus the total annual emissions of NOx from these units will be less than 25 tpy threshold for PSD or New source review applicability. Monthly total operating hours shall be maintained at the facility, and all the records shall be kept at the facility for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2018.

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

Condition 25: Capping Monitoring Condition

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 25.1:

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 231-2
40 CFR 52.21

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Item 25.2:

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

Item 25.3:

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 25.4:

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 25.5:

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 25.6:

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

Emission Unit: G-00001
Process: D01

Emission Unit: G-00001
Process: G01

Emission Source: 0GT21

Emission Unit: G-00001
Process: G01

Emission Source: 0GT22

Emission Unit: G-00001
Process: G01

Emission Source: 0GT23

Emission Unit: G-00001
Process: G01

Emission Source: 0GT24

Emission Unit: G-00001
Process: G01

Emission Source: 0GT25

Emission Unit: G-00001
Process: G01

Emission Source: 0GT26

Emission Unit: G-00001
Process: G01

Emission Source: 0GT27

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: G01	Emission Source: 0GT28
Emission Unit: G-00001 Process: G01	Emission Source: 0GT31
Emission Unit: G-00001 Process: G01	Emission Source: 0GT32
Emission Unit: G-00001 Process: G01	Emission Source: 0GT33
Emission Unit: G-00001 Process: G01	Emission Source: 0GT34
Emission Unit: G-00001 Process: G01	Emission Source: 0GT35
Emission Unit: G-00001 Process: G01	Emission Source: 0GT36
Emission Unit: G-00001 Process: G01	Emission Source: 0GT37
Emission Unit: G-00001 Process: G01	Emission Source: 0GT38
Emission Unit: G-00001 Process: OGT	
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT21
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT22
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT23
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT24
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT25
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT26
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT27

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: OGT	Emission Source: 0GT28
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT31
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT32
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT33
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT34
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT35
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT36
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT37
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT38
Regulated Contaminant(s): CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 25.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Emission Sources: 0GT21- 0GT28, 0GT31- 0GT38

Total annual NOX emissions from 16 existing turbines is limited to 382 tons per year.

Facility must calculate the total yearly NOx emissions based on fuel usage, and emission factors derived from the most recent stack tests. All records must be maintained at the facility for a minimum period of five years.

The regional air pollution control engineer must be notified in writing within (10) ten working days of any contravention of the emission limit.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 382 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Submittal of Episode Action Plans
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR Part 207

Item 26.1:

An episode action plan must be submitted for approval by the Department in accordance with the requirements of 6NYCRR Part 207. The plan shall contain detailed steps which will be taken by the facility to reduce air contaminant emissions during each stage of an air pollution episode. Once approved, the facility shall take whatever actions are prescribed by the episode action plan when an air pollution episode is in effect.

Condition 45: Visible Emissions Limited
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 211.2

Item 45.1:

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

Condition 1-6: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 225-1.2 (d)

Item 1-6.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

site or at a Department approved alternative location for a minimum of five years.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
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 10/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 1-7: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement: 6 NYCRR 225-1.5 (c)

Item 1-7.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator must make daily measurements of the rate of each fuel fired at the facility. The owner or operator must also measure the gross heat content and ash content of each fuel fired at least once each week if this information is not provided in the vendor fuel certification receipts. Owners or operators of stationary combustion installations producing electricity for sale must measure the average electrical output and the hourly generation rate of the facility. These records must be maintained on site or at a Department approved alternative location for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2022.

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

Condition 1-8: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Applicable Federal Requirement:6 NYCRR 225-1.6 (f)

Item 1-8.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-8.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must maintain records of excess emissions. The owner or operator must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance[s] takes place. These records must be kept on site or at a Department approved alternative location for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

Subsequent reports are due every 3 calendar month(s).

Condition 1-9: Compliance Certification

Effective between the dates of 05/05/2022 and 07/04/2023

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

Item 1-9.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: G-00001
Process: D01

Emission Unit: G-00001
Process: OGT

Emission Unit: G-00001
Process: SEP

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

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Item 1-9.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a stationary combustion installation shall submit a compliance test protocol to the Department for approval at least 30 days prior to conducting compliance testing of the 0.1 lb/mmBtu particulate matter standard. The owner or operator shall submit the results to the Department for approval within 60 days of the conclusion of compliance testing. Testing shall be conducted once per term of the permit. All records associated with the testing shall be maintained on site or at a Department approved alternative location for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: 40 CFR 60, Appendix A, Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2022.

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

Condition 1-10: Compliance Certification**Effective between the dates of 05/05/2022 and 07/04/2023****Applicable Federal Requirement: 6 NYCRR 227-1.3 (c)****Item 1-10.1:**

The Compliance Certification activity will be performed for the Facility.

Item 1-10.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation must perform an annual tune-up on each emission source subject to 6 NYCRR Subpart 227-1. Records of the tune-up shall be maintained at the facility or at a Department approved alternative location for a minimum of five years. The records shall, at a minimum, include the date the tune-up(s) occurred and the details of the tune-up procedures for each emission source.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

The initial report is due 10/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 1-11: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement: 6 NYCRR 227-1.4 (a)

Item 1-11.1:

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

Emission Unit: G-00001
 Process: D01

Emission Unit: G-00001
 Process: G01

Emission Unit: G-00001
 Process: SEP

Item 1-11.2:

Compliance Certification 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 combustion installation subject to this Subpart shall operate an emission source which exhibits greater than 20 percent opacity (based on a six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The owner or operator will conduct a Method 9 test annually. A report of the results of the test will be submitted to the Department within 30 days of the completion of the Method 9 test. All records generated by the permittee must be maintained at the facility or at an alternative location approved by the Department for a minimum of five years.

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: 40 CFR 60, Appendix A, Method 9
 Monitoring Frequency: ANNUALLY
 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 10/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 1-12: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Applicable Federal Requirement: 6 NYCRR 227-1.4 (a)**Item 1-12.1:**

The Compliance Certification activity will be performed for the Facility.

Item 1-12.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil firing emission sources subject to 6 NYCRR Subpart 227-1 which do not employ a continuous opacity monitor for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each emission source which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - date and time of day
 - observer's name
 - identity of the emission point
 - weather conditions
 - was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

- 3) If the operator observes any visible emissions (other than steam - see below) for two consecutive days while firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Certification
Effective between the dates of 07/05/2018 and 07/04/2023

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

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Astoria Generating Company's system-wide averaging of NOx emissions from its Astoria, Gowanus, and Narrows Generating Stations must be performed in accordance with the most current version of the NOx RACT averaging Plan (October 2017) approved by the Department. Gowanus Generating Station's thirty two turbines and starter engines are also included in the averaging plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2018.

Subsequent reports are due every 3 calendar month(s).

Condition 1-13: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 227-2.6

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Item 1-13.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 1-13.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Once every five years the facility must perform stack test on the 32 turbines(0GT21-0GT28 >31-0GT38 and 0GT11-18 & 0GT41-0GT48) to determine NOx emission factors used in capping calculation.

Stack testing shall also be used to verify compliance of NOx emissions from these turbines with the most current version of the NOx RACT system-wide averaging plan submitted by Astoria Generating Company. All stack testing shall be done in accordance with 6NYCRR 227-2.6(c). Recent NOx RACT plan is dated October 2017.

For the emission factors to be approved, facility must submit to the Department an approvable stack test protocol at least 30 days prior to the test. Facility must perform stack test based on approved stack test protocol, and then submit to the Department the stack test report for approval, within 60 days of performing the test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2022.

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

Condition 31: Compliance Certification

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 227-2.6

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: G-00001

Process: SEP

Emission Unit: G-00001

Process: SEP

Emission Source: OSD11

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: SEP	Emission Source: 0SD12
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD13
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD14
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD15
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD16
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD17
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD18
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD21
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD22
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD23
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD24
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD25
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD26
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD27
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD28
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD31
Emission Unit: G-00001 Process: SEP	Emission Source: 0SD32

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: SEP	Emission Source: OSD33
Emission Unit: G-00001 Process: SEP	Emission Source: OSD34
Emission Unit: G-00001 Process: SEP	Emission Source: OSD35
Emission Unit: G-00001 Process: SEP	Emission Source: OSD36
Emission Unit: G-00001 Process: SEP	Emission Source: OSD37
Emission Unit: G-00001 Process: SEP	Emission Source: OSD38
Emission Unit: G-00001 Process: SEP	Emission Source: OSD41
Emission Unit: G-00001 Process: SEP	Emission Source: OSD42
Emission Unit: G-00001 Process: SEP	Emission Source: OSD43
Emission Unit: G-00001 Process: SEP	Emission Source: OSD44
Emission Unit: G-00001 Process: SEP	Emission Source: OSD45
Emission Unit: G-00001 Process: SEP	Emission Source: OSD46
Emission Unit: G-00001 Process: SEP	Emission Source: OSD47
Emission Unit: G-00001 Process: SEP	Emission Source: OSD48

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

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In lieu of performing a stack test on the Starter Engines associated with the Combustion Turbines, a log must be

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

kept which lists the dates of operation of the Starter Engines and the duration of each occurrence. Also, all starter engines must be operated and maintained as per manufacturer guidelines. The operation and maintenance log must be maintained at the facility and submitted, semiannually to the Department. at the following address:

Hunters Point Plaza
 47-40 21st Street
 Long Island City, NY, 11101-5407
 Attn: Regional Air Pollution Control

Engineer

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2018.

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

Condition 1-14: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 227-3.4 (a) (1)

Item 1-14.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: G-00001	
Process: G01	Emission Source: 0GT21
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT22
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT23
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT24
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT25
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT26
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT27

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: G01	Emission Source: 0GT28
Emission Unit: G-00001 Process: G01	Emission Source: 0GT31
Emission Unit: G-00001 Process: G01	Emission Source: 0GT32
Emission Unit: G-00001 Process: G01	Emission Source: 0GT33
Emission Unit: G-00001 Process: G01	Emission Source: 0GT34
Emission Unit: G-00001 Process: G01	Emission Source: 0GT35
Emission Unit: G-00001 Process: G01	Emission Source: 0GT36
Emission Unit: G-00001 Process: G01	Emission Source: 0GT37
Emission Unit: G-00001 Process: G01	Emission Source: 0GT38
Regulated Contaminant(s): CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 1-14.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

By May 1, 2023, the owner or operator of an affected source must submit to the Department a compliance test protocol for Department approval at least 30 days prior to conducting the test. The owner or operator must submit a compliance test report containing the results of the emission test to the Department for approval no later than 60 days after completion of the emission test. The owner or operator must maintain a copy of the test report until a new test report has been approved by the Department. The approved test results will be used to calculate compliance with the applicable NOx emission limit.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 100 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: Method 20

Monitoring Frequency: Once every five years

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2022.
 Subsequent reports are due every 12 calendar month(s).

Condition 1-15: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement: 6 NYCRR 227-3.5 (a)

Item 1-15.1:

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

Emission Unit: G-00001 Process: OGT	Emission Source: 0GT21
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT22
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT23
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT24
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT25
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT26
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT27
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT28
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT31
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT32
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT33
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT34
Emission Unit: G-00001	

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Process: OGT	Emission Source: 0GT35
Emission Unit: G-00001	
Process: OGT	Emission Source: 0GT36
Emission Unit: G-00001	
Process: OGT	Emission Source: 0GT37
Emission Unit: G-00001	
Process: OGT	Emission Source: 0GT38

Item 1-15.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Starting May 1, 2023, during the ozone season (May 1st through September 30th annually), Gowanus Generating Station must cease oil operation of its 16 turbines 0GT21-0GT28 and 0GT31-0GT38 as proposed in the compliance plan dated December 15, 2021.

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 10/30/2022.

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

Condition 1-16: Compliance Certification

Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 227-3.5 (a)

Item 1-16.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: G-00001	
Process: G01	Emission Source: 0GT21
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT22
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT23
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT24
Emission Unit: G-00001	
Process: G01	Emission Source: 0GT25

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: G01	Emission Source: 0GT26
Emission Unit: G-00001 Process: G01	Emission Source: 0GT27
Emission Unit: G-00001 Process: G01	Emission Source: 0GT28
Emission Unit: G-00001 Process: G01	Emission Source: 0GT31
Emission Unit: G-00001 Process: G01	Emission Source: 0GT32
Emission Unit: G-00001 Process: G01	Emission Source: 0GT33
Emission Unit: G-00001 Process: G01	Emission Source: 0GT34
Emission Unit: G-00001 Process: G01	Emission Source: 0GT35
Emission Unit: G-00001 Process: G01	Emission Source: 0GT36
Emission Unit: G-00001 Process: G01	Emission Source: 0GT37
Emission Unit: G-00001 Process: G01	Emission Source: 0GT38
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT21
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT22
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT23
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT24
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT25
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT26

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: OGT	Emission Source: 0GT27
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT28
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT31
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT32
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT33
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT34
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT35
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT36
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT37
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT38

Item 1-16.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Starting May 1, 2025, during the ozone season (May 1st through September 30th annually) Gowanus Generating Station must cease the operation of its 16 turbines (burning oil and gas) listed in this condition, as proposed in the compliance plan dated December 15, 2021 (The other sixteen turbines 0GT11-0GT18 and 0GT41- 0GT48 will cease operation no later than May 1, 2023).

The owner or operator must maintain a log of the dates of operation and submit a report of those dates to the Department on an annual calendar basis. The owner or operator must maintain this log as long as the facility chooses to utilize this compliance option. If a facility is operated during the ozone season that facility will be deemed out of compliance with their permit requirements and must prove compliance with the appropriate NOx emission limits of this Subpart within 90 days of the date

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

of ozone season operation.

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 10/30/2022.

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

Condition 1-17: Compliance Certification
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 227-3.5 (a)

Item 1-17.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: G-00001 Process: D01	Emission Source: 0GT11
Emission Unit: G-00001 Process: D01	Emission Source: 0GT12
Emission Unit: G-00001 Process: D01	Emission Source: 0GT13
Emission Unit: G-00001 Process: D01	Emission Source: 0GT14
Emission Unit: G-00001 Process: D01	Emission Source: 0GT15
Emission Unit: G-00001 Process: D01	Emission Source: 0GT16
Emission Unit: G-00001 Process: D01	Emission Source: 0GT17
Emission Unit: G-00001 Process: D01	Emission Source: 0GT18
Emission Unit: G-00001 Process: D01	Emission Source: 0GT41
Emission Unit: G-00001 Process: D01	Emission Source: 0GT42
Emission Unit: G-00001 Process: D01	Emission Source: 0GT43
Emission Unit: G-00001	

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Process: D01	Emission Source: 0GT44
Emission Unit: G-00001	
Process: D01	Emission Source: 0GT45
Emission Unit: G-00001	
Process: D01	Emission Source: 0GT46
Emission Unit: G-00001	
Process: D01	Emission Source: 0GT47
Emission Unit: G-00001	
Process: D01	Emission Source: 0GT48

Item 1-17.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Starting May 1, 2023, Gowanus Generating Station must cease/retire the operation of its 16 turbines 0GT11-0GT18 and 0GT41- 0GT48 as proposed in the compliance plan dated December 15, 2021.

The owner or operator must maintain a log of the dates of operation and submit a report of those dates to the Department on an annual calendar basis. The owner or operator must maintain this log as long as the facility chooses to utilize this compliance option. If a facility is operated during the ozone season that facility will be deemed out of compliance with their permit requirements and must prove compliance with the appropriate NOx emission limits of this Subpart within 90 days of the date of ozone season operation.

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 10/30/2022.

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

Condition 1-18: Reliability Exemption from Emission Limits
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable Federal Requirement:6 NYCRR 227-3.6

Item 1-18.1:

(a) A SCCT may be designated as a reliability source by the NYISO or by the local transmission/distribution owner to temporarily resolve a reliability need.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

(b) A designated reliability source may continue to operate without complying with the applicable emissions limits of 6 NYCRR Subpart 227-3 until one of the following provisions are met:

- (1) a permanent solution is placed online as determined by the NYISO, the local transmission/distribution owner or the New York State Public Service Commission; or
- (2) two years after the designated compliance date under Subpart 227-3 has lapsed.

(c) A designated reliability source may operate an additional two years without complying with the applicable emissions limits of Subpart 227-3 if:

- (1) the NYISO or transmission/distribution owner determines that the reliability need still exists;
- (2) the source is designated by the NYISO or the transmission/distribution owner as a reliability source; and
- (3) a permanent solution has been selected by the NYISO, the transmission/distribution owner or the New York State Public Service Commission and that solution is in the process of permitting or construction but not yet online.

Condition 32: Applicability

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement: 40CFR 63, Subpart ZZZZ

Item 32.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

Condition 33: Compliance and Enforcement

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement: 40CFR 63, Subpart ZZZZ

Item 33.1:

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

Condition 34: Engines at Area sources of HAP

Effective between the dates of 07/05/2018 and 07/04/2023

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 34.1:

Internal combustion engines, constructed or re-constructed on or after June 12, 2006, that meet the requirements of 40 CFR 60 Subpart IIII or Subpart JJJJ meet the requirements of 40 CFR 63 Subpart ZZZZ.

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

Condition 35: Emission Point Definition By Emission Unit
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 35.1(From Mod 1):

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

Emission Unit: G-00001

Emission Point: 0GT11

Height (ft.): 57	Length (in.): 240	Width (in.): 154
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1

Emission Point: 0GT12

Height (ft.): 57	Length (in.): 240	Width (in.): 154
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1

Emission Point: 0GT13

Height (ft.): 57	Length (in.): 240	Width (in.): 154
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1

Emission Point: 0GT14

Height (ft.): 57	Length (in.): 240	Width (in.): 154
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1

Emission Point: 0GT15

Height (ft.): 57	Length (in.): 240	Width (in.): 154
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1

Emission Point: 0GT16

Height (ft.): 57	Length (in.): 240	Width (in.): 154
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1

Emission Point: 0GT17

Height (ft.): 57	Length (in.): 240	Width (in.): 154
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1

Emission Point: 0GT18

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT21 Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT22 Height (ft.): 57 NYTMN (km.): 4501.523	Length (in.): 240 NYTME (km.): 584.333	Width (in.): 154 Building: PIER 1
Emission Point: 0GT23 Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT24 Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT25 Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT26 Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT27 Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT28 Height (ft.): 57 NYTMN (km.): 4501.523	Length (in.): 240 NYTME (km.): 584.333	Width (in.): 154 Building: PIER 1
Emission Point: 0GT31 Height (ft.): 57 NYTMN (km.): 4501.523	Length (in.): 240 NYTME (km.): 584.333	Width (in.): 154 Building: PIER 1
Emission Point: 0GT32 Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT33 Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT34 Height (ft.): 57 NYTMN (km.): 4501.523	Length (in.): 240 NYTME (km.): 584.333	Width (in.): 154 Building: PIER 1
Emission Point: 0GT35		

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Height (ft.): 57 NYTMN (km.): 4501.523	Length (in.): 240 NYTME (km.): 584.333	Width (in.): 154 Building: PIER 1
Emission Point: 0GT36		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT37		
Height (ft.): 57 NYTMN (km.): 4501.523	Length (in.): 240 NYTME (km.): 584.333	Width (in.): 154 Building: PIER 1
Emission Point: 0GT38		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT41		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT42		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT43		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT44		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT45		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT46		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT47		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: 0GT48		
Height (ft.): 57 NYTMN (km.): 4501.85	Length (in.): 240 NYTME (km.): 584.12	Width (in.): 154 Building: PIER 1
Emission Point: OSD11		
Height (ft.): 37 NYTMN (km.): 4501.85	Diameter (in.): 8 NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD12		

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD13		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD14		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD15		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD16		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD17		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD18		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD21		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD22		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD23		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD24		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD25		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD26		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD27		

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD28		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD31		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD32		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD33		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD34		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD35		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD36		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD37		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD38		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD41		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD42		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD43		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD44		

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD45		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD46		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD47		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1
Emission Point: OSD48		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4501.85	NYTME (km.): 584.12	Building: PIER 1

Condition 36: Process Definition By Emission Unit
Effective between the dates of 07/05/2018 and 07/04/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 36.1(From Mod 1):

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

Emission Unit: G-00001
 Process: D01 Source Classification Code: 2-01-001-09

Process Description:

This process includes: 16 combustion turbines rated at 299 MMBtu/hr each. This process covers the combustion of distillate oil in these turbines(0GT11-0GT18 & 0GT41-0GT48).

Emission Source/Control: 0GT11 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT12 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT13 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT14 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT15 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT16 - Combustion
 Design Capacity: 299 million Btu per hour

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Source/Control: 0GT17 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT18 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT41 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT42 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT43 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT44 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT45 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT46 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT47 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT48 - Combustion
Design Capacity: 299 million Btu per hour

Item 36.2(From Mod 1):

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

Emission Unit: G-00001

Process: G01

Source Classification Code: 2-01-002-09

Process Description:

This process include 16 turbines of 299mm btu/hr firing
natural gas. 0GT21- 0GT28, 0GT31- 0GT38

Emission Source/Control: 0GT21 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT22 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT23 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT24 - Combustion
Design Capacity: 299 million Btu per hour

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Source/Control: 0GT25 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT26 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT27 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT28 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT31 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT32 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT33 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT34 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT35 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT36 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT37 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT38 - Combustion
 Design Capacity: 299 million Btu per hour

Item 36.3(From Mod 1):

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

Emission Unit: G-00001

Process: OGT

Source Classification Code: 2-01-001-09

Process Description:

This process include 16 turbines of 299mm btu/hr burning distillate oil. Emission Sources: 0GT21- 0GT28, 0GT31- 0GT38

Emission Source/Control: 0GT21 - Combustion
 Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT22 - Combustion
 Design Capacity: 299 million Btu per hour

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Source/Control: 0GT23 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT24 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT25 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT26 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT27 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT28 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT31 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT32 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT33 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT34 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT35 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT36 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT37 - Combustion
Design Capacity: 299 million Btu per hour

Emission Source/Control: 0GT38 - Combustion
Design Capacity: 299 million Btu per hour

Item 36.4(From Mod 1):

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

Emission Unit: G-00001

Process: SEP

Source Classification Code: 2-01-001-02

Process Description:

This process includes 32 diesel starter engines rated at 600hp. Each 299mmbtu/hr turbine has a starter engine.

Emission Source/Control: OSD11 - Combustion

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD12 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD13 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD14 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD15 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD16 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD17 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD18 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD21 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD22 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD23 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD24 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD25 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD26 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD27 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD28 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD31 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD32 - Combustion
Design Capacity: 600 horsepower (mechanical)

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Source/Control: OSD33 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD34 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD35 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD36 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD37 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD38 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD41 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD42 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD43 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD44 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD45 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD46 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD47 - Combustion
Design Capacity: 600 horsepower (mechanical)

Emission Source/Control: OSD48 - Combustion
Design Capacity: 600 horsepower (mechanical)

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

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 in 6 NYCRR 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 demonstrate, 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 facility was being properly operated and maintained;

(3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the 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 any 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 malfunction provision contained in any applicable requirement.

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

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 43: Contaminant List

Effective between the dates of 07/05/2018 and 07/04/2023

Applicable State Requirement: ECL 19-0301

Item 43.1:

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

CAS No: 000124-38-9
Name: CARBON DIOXIDE

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

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

Condition 1-19: Malfunctions and Start-up/Shutdown Activities

Effective between the dates of 05/05/2022 and 07/04/2023

Applicable State Requirement: 6 NYCRR 201-1.4

Item 1-19.1:

(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.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, 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 monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall 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. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. 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, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility 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 1-20: CLCPA Applicability
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable State Requirement:6 NYCRR 201-6.5 (a)

Item 1-20.1:

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

Condition 27: Air pollution prohibited
Effective between the dates of 07/05/2018 and 07/04/2023

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Applicable State Requirement:6 NYCRR 211.1

Item 27.1:

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 1-21: CO2 Budget Trading Program - Excess emission requirements
Effective between the dates of 05/05/2022 and 07/04/2023**

Applicable State Requirement:6 NYCRR 242-1.5

Item 1-21.1:

The owners and operators of a CO2 budget source that has excess emissions in any control period shall:

- (1) forfeit the CO2 allowances required for deduction under 6 NYCRR Part 242-6.5(d)(1), provided CO2 offset allowances may not be used to cover any part of such excess emissions; and
- (2) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR Part 242-6.5(d)(2).

**Condition 1-22: Compliance Demonstration
Effective between the dates of 05/05/2022 and 07/04/2023**

Applicable State Requirement:6 NYCRR 242-1.5

Item 1-22.1:

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

Emission Unit: G-00001 Process: D01	Emission Source: 0GT11
Emission Unit: G-00001 Process: D01	Emission Source: 0GT12
Emission Unit: G-00001 Process: D01	Emission Source: 0GT13
Emission Unit: G-00001 Process: D01	Emission Source: 0GT14
Emission Unit: G-00001 Process: D01	Emission Source: 0GT15
Emission Unit: G-00001	

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Process: D01	Emission Source: 0GT16
Emission Unit: G-00001 Process: D01	Emission Source: 0GT17
Emission Unit: G-00001 Process: D01	Emission Source: 0GT18
Emission Unit: G-00001 Process: D01	Emission Source: 0GT41
Emission Unit: G-00001 Process: D01	Emission Source: 0GT42
Emission Unit: G-00001 Process: D01	Emission Source: 0GT43
Emission Unit: G-00001 Process: D01	Emission Source: 0GT44
Emission Unit: G-00001 Process: D01	Emission Source: 0GT45
Emission Unit: G-00001 Process: D01	Emission Source: 0GT46
Emission Unit: G-00001 Process: D01	Emission Source: 0GT47
Emission Unit: G-00001 Process: D01	Emission Source: 0GT48
Emission Unit: G-00001 Process: G01	Emission Source: 0GT21
Emission Unit: G-00001 Process: G01	Emission Source: 0GT22
Emission Unit: G-00001 Process: G01	Emission Source: 0GT23
Emission Unit: G-00001 Process: G01	Emission Source: 0GT24
Emission Unit: G-00001 Process: G01	Emission Source: 0GT25
Emission Unit: G-00001 Process: G01	Emission Source: 0GT26
Emission Unit: G-00001 Process: G01	Emission Source: 0GT27

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: G01	Emission Source: 0GT28
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT31
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT32
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT33
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT34
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT35
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT36
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT37
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT38

Item 1-22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators and, to the extent applicable, the CO2 authorized account representative of each CO2 budget source and each CO2 budget unit at the source shall comply with the monitoring requirements of Subpart 242-8. The emissions measurements recorded and reported in accordance with Subpart 242-8 of this Part shall be used to determine compliance by the unit with the following CO2 requirements:

- (1) The owners and operators of each CO2 budget source and each CO2 budget unit at the source shall hold CO2 allowances available for compliance deductions under Section 242-6.5, as of the CO2 allowance transfer deadline, in the source's compliance account in an amount not less than the total CO2 emissions for the control period from all CO2 budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

(2) Each ton of CO2 emitted in excess of the CO2 budget emissions limitation shall constitute a separate violation of this Part and applicable state law.

(3) A CO2 budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1, 2009 or the date on which the unit commences operation.

(4) CO2 allowances shall be held in, deducted from, or transferred among CO2 Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.

(5) A CO2 allowance shall not be deducted, in order to comply with the requirements specified in item 1, for a control period that ends prior to the allocation year for which the CO2 allowance was allocated. A CO2 offset allowance shall not be deducted, in order to comply with the requirements under item 1, beyond the applicable percent limitations set out in 6NYCRR Part 242-6.5(a)(3).

(6) A CO2 allowance under the CO2 Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO2 in accordance with the CO2 Budget Trading Program. No provision of the CO2 Budget Trading Program, the CO2 budget permit application, or the CO2 budget permit or any provision of law shall be construed to limit the authority of the Department or a participating state to terminate or limit such authorization.

(7) A CO2 allowance under the CO2 Budget Trading Program does not constitute a property right.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2022.

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

Condition 1-23: Compliance Demonstration
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable State Requirement:6 NYCRR 242-1.5

Item 1-23.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Emission Unit: G-00001 Process: D01	Emission Source: 0GT11
Emission Unit: G-00001 Process: D01	Emission Source: 0GT12
Emission Unit: G-00001 Process: D01	Emission Source: 0GT13
Emission Unit: G-00001 Process: D01	Emission Source: 0GT14
Emission Unit: G-00001 Process: D01	Emission Source: 0GT15
Emission Unit: G-00001 Process: D01	Emission Source: 0GT16
Emission Unit: G-00001 Process: D01	Emission Source: 0GT17
Emission Unit: G-00001 Process: D01	Emission Source: 0GT18
Emission Unit: G-00001 Process: D01	Emission Source: 0GT41
Emission Unit: G-00001 Process: D01	Emission Source: 0GT42
Emission Unit: G-00001 Process: D01	Emission Source: 0GT43
Emission Unit: G-00001 Process: D01	Emission Source: 0GT44
Emission Unit: G-00001 Process: D01	Emission Source: 0GT45
Emission Unit: G-00001 Process: D01	Emission Source: 0GT46
Emission Unit: G-00001 Process: D01	Emission Source: 0GT47
Emission Unit: G-00001 Process: D01	Emission Source: 0GT48
Emission Unit: G-00001 Process: G01	Emission Source: 0GT21
Emission Unit: G-00001	

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Process: G01	Emission Source: 0GT22
Emission Unit: G-00001 Process: G01	Emission Source: 0GT23
Emission Unit: G-00001 Process: G01	Emission Source: 0GT24
Emission Unit: G-00001 Process: G01	Emission Source: 0GT25
Emission Unit: G-00001 Process: G01	Emission Source: 0GT26
Emission Unit: G-00001 Process: G01	Emission Source: 0GT27
Emission Unit: G-00001 Process: G01	Emission Source: 0GT28
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT31
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT32
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT33
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT34
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT35
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT36
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT37
Emission Unit: G-00001 Process: OGT	Emission Source: 0GT38

Item 1-23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO2 budget source and each CO2 budget unit at the source shall keep on site at the source each of the following documents for a period of

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

10 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 10 years, in writing by the department.

(i) The account certificate of representation for the CO₂ authorized account representative for the source and each CO₂ budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR Part 242-2.4, provided that the certificate and documents shall be retained on site at the source beyond such 10-year period until such documents are superseded because of the submission of a new account certificate of representation.

(ii) All emissions monitoring information, in accordance with Subpart 242-8 and 40 CFR 75.57.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CO₂ Budget Trading Program.

(iv) Copies of all documents used to complete a CO₂ budget permit application and any other submission under the CO₂ Budget Trading Program or to demonstrate compliance with the requirements of the CO₂ Budget Trading Program.

The CO₂ authorized account representative of a CO₂ budget source and each CO₂ budget unit at the source shall submit the reports and compliance certifications required under the CO₂ Budget Trading Program, including those under Subpart 242-4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2022.

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

Condition 1-24: Compliance Demonstration
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable State Requirement: 6 NYCRR 251.3 (b)

Item 1-24.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 1-24.2:

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On or after December 31, 2020, owners or operators of non-modified existing sources shall not fire any single fossil fuel, alone or in combination with any other fuel, where each fossil fuel is required to meet an emission rate of 180 pounds of CO₂ per million Btu of input (input-based limit). These emission limits are measured on an annual basis, calculated by dividing the annual total of CO₂ emissions for the calendar year by the annual total Btus (input-based limit) fired for each separate fossil fuel fired. For monitoring its CO₂ emissions, the facility will use the Part 75 system (i.e., fuel flowmeters and F-factor) that it uses for 40 CFR 98 annual reporting to the EPA. The facility will calculate CO₂ emissions using this method on a quarterly or more frequent basis.

The owner or operator must maintain all records associated with these requirements on site or at a location acceptable to the Department for a minimum of five years.

Parameter Monitored: CARBON DIOXIDE

Upper Permit Limit: 180 pounds per million Btus

Reference Test Method: 40 CFR 75

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: CALENDAR YEAR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

Subsequent reports are due every 3 calendar month(s).

Condition 1-25: Compliance Demonstration
Effective between the dates of 05/05/2022 and 07/04/2023

Applicable State Requirement: 6 NYCRR 251.6 (f)

Item 1-25.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 1-25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116

Owners or operators that choose not to demonstrate compliance with the provisions in subdivision 251.3(b) of this Part through the use of a CEM may utilize an alternative monitoring plan as approved by the Department.

The owners or operators may submit their annual reports under one of the following provisions:

- (1) Sources subject to the reporting requirements of 6 NYCRR Subpart 202-2 of this Title may use their annual emission statement to satisfy the requirements of this subdivision, or
- (2) Sources subject to the reporting requirements of 40 CFR Part 98 (see Table 1, section 200.9 of this Title) may use their annual submission to EPA to satisfy the requirements of this subdivision, or
- (3) Sources that are not subject to the reporting requirements of 6 NYCRR Subpart 202-2 of this Title or 40 CFR Part 98 (see Table 1, section 200.9 of this Title) must submit an annual report, in a format prescribed by the Department, by the April 15th immediately following the end of the calendar year for which the annual report is required. At a minimum, the annual report should include:
 - (i) Fuel type combusted in each unit subject to this Part;
 - (ii) Quantity of fuel combusted in each unit subject to this Part; and
 - (iii) Heat content of each fuel combusted.

The approved alternative monitoring shall be cited in a facility specific condition under subdivision 251.3(b) of this Part. and shall at a minimum include the prescribed CO2 emission limit and type of monitoring used to show compliance with said emission limit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Permit ID: 2-6102-00116/00021

Facility DEC ID: 2610200116