

Facility DEC ID: 2630400024

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6304-00024/00035
Mod 0 Effective Date: 04/24/2024 Expiration Date: 04/23/2029
Mod 1 Effective Date: 12/31/2024 Expiration Date: 04/23/2029
Mod 2 Effective Date: 11/07/2024 Expiration Date: 04/23/2029

Permit Issued To:RAVENSWOOD OPERATIONS, LLC
38-54 VERNON BLVD
LONG ISLAND CITY, NY 11101

Contact: ROBERTA ZWIER
HELIX RAVENSWOOD LLC
38-54 VERNON BLVD
LONG ISLAND CITY, NY 11101
(832) 334-7457

Facility: RAVENSWOOD GENERATING STATION
38-54 VERNON BLVD|Lot Has Multiple Facilities / Permits On It. West Side
Of Vernon Blvd.
Queens (6304), NY 11101

Description:
This facility consists of three (3) steam boiler turbine/generator sets with a combined nominal rating of 1752 MW and three (3) emergency generators. Natural gas is the primary fuel for all units, with ultral low-sulfur #2 fuel oil on a limited basis.

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: 2630400024

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: 2630400024

PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

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

Facility DEC ID: 2630400024

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 submitted prior to actual transfer of ownership.

Facility DEC ID: 2630400024

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: 2-6304-00024/00035

Facility DEC ID: 2630400024

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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38-54 VERNON BLVD
LONG ISLAND CITY, NY 11101

Facility: RAVENSWOOD GENERATING STATION
38-54 VERNON BLVD|Lot Has Multiple Facilities / Permits On It. West Side
Of Vernon Blvd.
Queens (6304), NY 11101

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES

Mod 0 Permit Effective Date: 04/24/2024

Permit Expiration Date: 04/23/2029

Mod 2 Permit Effective Date: 11/07/2024

Permit Expiration Date: 04/23/2029

Mod 1 Permit Effective Date: 12/31/2024

Permit Expiration Date: 04/23/2029

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
8	5	6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
11	6	6 NYCRR 201-6.4 (e): Compliance Certification
13	7	6 NYCRR 202-2.5: Recordkeeping requirements
13	8	6 NYCRR 215.2: Open Fires - Prohibitions
14	9	6 NYCRR 200.7: Maintenance of Equipment
14	10	6 NYCRR 201-1.7: Recycling and Salvage
15	11	6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
15	12	6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
15	13	6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
15	14	6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
15	15	6 NYCRR 201-6.4 (a) (8): Right to Inspect
16	16	6 NYCRR 202-1.1: Required Emissions Tests
16	17	40 CFR Part 68: Accidental release provisions.
17	18	40CFR 82, Subpart F: Recycling and Emissions Reduction
17	19	6 NYCRR Subpart 201-6: Emission Unit Definition
18	20	6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
18	21	6 NYCRR 201-6.4 (f): Operational Flexibility
19	22	6 NYCRR 202-2.4 (a) (3): Statement dates for emissions statements.
19	23	6 NYCRR Part 207: Submittal of Episode Action Plans
19	24	6 NYCRR 211.2: Visible Emissions Limited
19	25	6 NYCRR 225-1.2 (c): Compliance Certification
20	26	6 NYCRR 225-1.2 (d): Compliance Certification
21	27	6 NYCRR 225-1.5 (c): Compliance Certification
21	28	6 NYCRR 225-1.6 (f): Compliance Certification
22	29	6 NYCRR 227-1.3 (a): Compliance Certification
23	30	6 NYCRR 227-1.3 (c): Compliance Certification
23	31	6 NYCRR 227-1.4 (a): Compliance Certification
24	32	6 NYCRR 227-1.4 (a): Compliance Certification
25	33	6 NYCRR 227-1.5 (b) (2): Compliance Certification
26	34	6 NYCRR 227-2.5 (b): Compliance Certification
26	35	6 NYCRR 227-2.6 (a): Compliance Certification
27	1-1	6 NYCRR 231-11.2 (b): Compliance Certification
28	36	40CFR 63.9991(a)(1), Subpart UUUUU: Compliance Certification
28	37	40CFR 63.10000(b), Subpart UUUUU: Good Control Practices
29	38	40CFR 63.10032(j), Subpart UUUUU: Limited use boiler recordkeeping requirements
29	39	40CFR 63.10040, Subpart UUUUU: General Provisions
30	40	40CFR 63.6603(a), Subpart ZZZZ: Compliance Certification
30	41	40 CFR Part 97: Federal Cross-State Air Pollution Regulation (CSAPR)

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

- 31 42 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 32 43 40CFR 97.606, Subpart CCCCC: Compliance Certification
- Emission Unit Level**
- 33 44 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 34 45 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 36 46 40CFR 63.9990(b), Subpart UUUUU: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 39 47 ECL 19-0301: Contaminant List
- 39 48 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 40 49 6 NYCRR 211.1: Air pollution prohibited
- 40 50 6 NYCRR 242-1.5: CO2 Budget Trading Program - Excess
emission requirements
- 41 51 6 NYCRR 242-1.5: Compliance Demonstration
- 42 52 6 NYCRR 242-1.5: Compliance Demonstration
- 43 53 6 NYCRR 251.3 (b): Compliance Demonstration

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 4/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 reissuance, or termination, or of a notification of

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 04/24/2024 and 04/23/2029**

Applicable Federal Requirement: 6 NYCRR 200.6

Item 1.1:

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Condition 2: Fees

Effective between the dates of 04/24/2024 and 04/23/2029

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 04/24/2024 and 04/23/2029

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 04/24/2024 and 04/23/2029

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

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 04/24/2024 and 04/23/2029

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (3) (ii)**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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

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

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

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

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 7/30/2024.

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

Condition 6: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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

Monitoring Frequency: ANNUALLY
 Reporting Requirements: ANNUALLY (CALENDAR)

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Reports due 30 days after the reporting period.
The initial report is due 7/30/2024.
Subsequent reports are due on the same day each year

Condition 7: Recordkeeping requirements
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 7.1:

(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 8: Open Fires - Prohibitions
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 215.2

Item 8.1:

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 8.2

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.

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

- (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**

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 9: Maintenance of Equipment
Effective between the dates of 04/24/2024 and 04/23/2029**

Applicable Federal Requirement:6 NYCRR 200.7

Item 9.1:

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 10: Recycling and Salvage
Effective between the dates of 04/24/2024 and 04/23/2029**

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 10.1:

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 11: Prohibition of Reintroduction of Collected Contaminants to

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

the air

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 201-1.8**Item 11.1:**

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 12: Exempt Sources - Proof of Eligibility

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)**Item 12.1:**

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.

Condition 13: Trivial Sources - Proof of Eligibility

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)**Item 13.1:**

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 14: Requirement to Provide Information

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)**Item 14.1:**

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 15: Right to Inspect

Effective between the dates of 04/24/2024 and 04/23/2029

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Item 15.1:

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.

Condition 16: Required Emissions Tests**Effective between the dates of 04/24/2024 and 04/23/2029****Applicable Federal Requirement:6 NYCRR 202-1.1****Item 16.1:**

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 17: Accidental release provisions.**Effective between the dates of 04/24/2024 and 04/23/2029****Applicable Federal Requirement:40 CFR Part 68****Item 17.1:**

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;

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 18: Recycling and Emissions Reduction
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:40CFR 82, Subpart F

Item 18.1:

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 19: Emission Unit Definition
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 19.1(From Mod 1):

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

Emission Unit: U-00010

Emission Unit Description:

This unit consists of dual, tangentially fired furnaces comprising a single boiler. Steam from this boiler operates a tandem turbine generator set nominally rated at 390 MW. The furnaces operate on natural gas or ultra low sulfur No. 2 fuel oil.

Close coupled over-fired air (CCOFA) compartments have been added to the upper and lower windbox sections of this emission unit. CCOFA is a NOx reduction technology.

Building(s): GEN STA

Item 19.2(From Mod 1):

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

Emission Unit: U-00020

Emission Unit Description:

This unit consists of dual, tangentially fired furnaces comprising a single boiler. Steam from this boiler operates a tandem turbine generator set nominally rated at 390 mw.

Close coupled over-fired air (CCOFA) compartments have been added to the upper and lower

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

windbox sections of this emission unit. CCOFA is a NO_x reduction technology.

The furnaces operate on natural gas or ultra low sulfur No. 2 fuel oil.

Building(s): GEN STA

Item 19.3(From Mod 1):

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

Emission Unit: U-00030

Emission Unit Description:

This unit consists of dual boilers, each heated by dual, tangentially fired furnaces. Steam from these boilers operates a tandem turbine generator set nominally rated at 972 MW. This unit has a close-coupled-overfired-air (CCOFA) system to further reduce the formation of nitrogen oxides.

The furnaces operate on natural gas or ultra low sulfur No. 2 fuel oil.

Building(s): GEN STA

Condition 20: Progress Reports Due Semiannually
Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 20.1:

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 21: Operational Flexibility
Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 21.1:

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

certifications, record keeping, and/or reporting required by the permit.

Condition 22: Statement dates for emissions statements.
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 202-2.4 (a) (3)

Item 22.1:

This facility is required to submit an annual emission statement electronically and these emissions statements must be submitted to the department as per the following schedule:

- (i) March 15th of each year for facilities with three or fewer processes listed in their Title V permit:
- (ii) March 31st of each year for facilities with four to six processes listed in their Title V permit:
- (iii) April 15th of each year for facilities with 7 to 12 processes listed in their Title V permit:
- (iv) April 30th of each year for facilities with 13 or more processes listed in their Title V permit.

Condition 23: Submittal of Episode Action Plans
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR Part 207

Item 23.1:

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 24: Visible Emissions Limited
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 211.2

Item 24.1:

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 25: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire residual oil are limited to a 0.30 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 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

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 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 7/30/2024.

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

Condition 26: Compliance Certification

Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 27.1:
 The Compliance Certification activity will be performed for the Facility.

Item 27.2:
 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 7/30/2024.

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

Condition 28: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 28.1:

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

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 7/30/2024.

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

Condition 29: Compliance Certification

Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 29.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator of a stationary combustion installation (excluding combustion turbines) or a group of stationary combustion installations firing oil or oil in combination with other liquid or gaseous fuels with a total maximum heat input capacity of at least 50 million Btus per hour is required to meet the 0.1 lbs/mmBtu

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

particulate matter standard. Compliance with this standard will be met by keeping vendor certified fuel receipts which contain the sulfur content of the oil being fired as required in Subpart 225-1 of this Title.

Monitoring Frequency: PER DELIVERY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 30.1:
 The Compliance Certification activity will be performed for the Facility.

Item 30.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

The 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.
 The initial report is due 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 31.1:
 The Compliance Certification activity will be performed for the facility:
 The Compliance Certification applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Item 31.2:

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 combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average utilizing a continuous opacity monitor (COM) and maintain a record of all measurements made by the COM and the hours of COM downtime. 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

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 32: Compliance Certification

Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: 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.

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement: 6 NYCRR 227-1.5 (b) (2)

Item 33.1:

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

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

The owner or operator required to operate a COM shall submit an accurate excess emissions and monitoring system performance report to the Department for each calendar year quarter. All reports shall be certified by a responsible official as true, accurate and complete and post marked by the 30th day following the end of each calendar quarter. The quarterly excess emissions report shall be submitted in a form acceptable to the Department and shall include the following minimum information:

- (i) the magnitude, date and time of each six-minute block average during which the average opacity of emissions exceeds 20 percent, except for one six-minute block average per hour not to exceed 27 percent;
- (ii) identification of the specific cause and corrective action taken for each period of excess emission;
- (iii) identification of all periods of COM down time, including the date, time and duration of each inoperable period, and the cause and corrective action for each COM down time period;

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

(iv) the total time in which the COM is required to record data during the reporting period; and

(v) the total number of exceedances and the duration of exceedances expressed as a percentage of the total time in which the COM is required to record data.

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.

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 7/30/2024.

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

Condition 34: Compliance Certification

Effective between the dates of 04/24/2024 and 04/23/2029

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

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility will comply with the latest approved NOx RACT system wide averaging plan dated December 5, 2011. The plan was reviewed again and found acceptable.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 35: Compliance Certification

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 227-2.6 (a)

Item 35.1:

The Compliance Certification activity will be performed for the facility:

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

The Compliance Certification applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Regulated Contaminant(s):

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOx emissions must be measured with a CEMS as described in 227-2.6 (b) of this section or with an equivalent monitoring system approved by the department.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 1-1: Compliance Certification

Effective between the dates of 12/31/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR 231-11.2 (b)

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:

For a modification with a project emission potential which, when added to all emissions excluded under section 231-4.1(b)(42)(i)(c) of this Part, is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, the facility owner or operator, in addition to complying with any requirements under Part 201 of this Title, must maintain the following information for a minimum of five years:

(1) A description of the modification.

(2) An identification of each new or modified emission source(s) including the associated processes and emission

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

unit.

(3) The calculation of the project emission potential for each modified emission source(s) including supporting documentation.

(4) The date the modification commenced operation.

These recordkeeping requirements apply to exempt and trivial activities but do not affect their exempt or trivial permitting status under Subpart 201-3 of this Title. The facility must submit these records to the Department, upon the Department's request.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement: 40CFR 63.9991(a)(1), Subpart UUUU

Item 36.1:

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

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a coal or oil fired electric generating unit must conduct a tune-up of the unit's burner and combustion controls at least every 36 calendar months, or each 48 months if neural network combustion optimization software is employed, as specified in 40 CFR 63.10021(e).

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 7/30/2024.

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

Condition 37: Good Control Practices
Effective between the dates of 04/24/2024 and 04/23/2029

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Applicable Federal Requirement:40CFR 63.10000(b), Subpart UUUUU

Item 37.1:

This Condition applies to:

Emission Unit: U00010

Emission Unit: U00020

Emission Unit: U00030

Item 37.2:

At all times the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the EPA Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

Condition 38: Limited use boiler recordkeeping requirements
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:40CFR 63.10032(j), Subpart UUUUU

Item 38.1:

This Condition applies to:

Emission Unit: U00010

Emission Unit: U00020

Emission Unit: U00030

Item 38.2:

The owner or operator of an EGU that qualifies as a limited-use liquid oil-fired EGU must keep records of the type(s) and amount(s) of fuel use in each calendar quarter to document that the capacity factor limitation for that subcategory is met.

Condition 39: General Provisions
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:40CFR 63.10040, Subpart UUUUU

Item 39.1:

This Condition applies to:

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Emission Unit: U00010

Emission Unit: U00020

Emission Unit: U00030

Item 39.2:

Table 9 to Subpart UUUUU states which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply to electric generating units.

Condition 40: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement: 40CFR 63.6603(a), Subpart ZZZZ

Item 40.1:

The Compliance Certification activity will be performed for the Facility.

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing emergency and black start spark ignition stationary RICE located at an area source of HAP emissions must comply with the following maintenance procedures:

- (1) Change oil and filter every 500 hours of operation or annually, whichever comes first;
- (2) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
- (3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Federal Cross-State Air Pollution Regulation (CSAPR)
Effective between the dates of 04/24/2024 and 04/23/2029

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Applicable Federal Requirement:40 CFR Part 97

Item 41.1: This facility is subject to the CSAPR requirements found in 40 CFR Part 97.

Condition 42: Compliance Certification
 Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

Item 42.1:
 The Compliance Certification activity will be performed for the Facility.

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

Item 42.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

- (1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.413 through 97.418 of Subpart AAAAA. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

- (2) The facility, and the designated representative, of each TR NOX Annual source (facility) and each TR NOX Annual Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.430 through 97.435 of Subpart AAAAA and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

- (3) The emissions data determined shall be used to

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

calculate allocations of TR NOx Annual allowances and to determine compliance with the TR NOx Annual emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NOx Annual facility and each TR NOx Annual Unit at the facility shall hold, in the facilities compliance account, TR NOx Annual allowances available for deduction for such control period under §97.424(a) in an amount not less than the tons of total NOx emissions for such control period from all TR NOx Annual Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Certification
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement: 40CFR 97.606, Subpart CCCCC

Item 43.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.613 through 97.618 of Subpart CCCCC. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR SO₂ Group 1 source (facility) and each TR SO₂ Group 1 Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.630 through 97.635 of Subpart CCCCC and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR SO2 Group 1 allowances and to determine compliance with the TR SO2 Group 1 emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR SO2 Group 1 facility and each TR SO2 Group 1 Unit at the facility shall hold, in the facilities compliance account, TR SO2 Group 1 allowances available for deduction for such control period under §97.624(a) in an amount not less than the tons of total SO2 emissions for such control period from all TR SO2 Group 1 Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 44: Emission Point Definition By Emission Unit
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 44.1(From Mod 1):

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

Emission Unit: U-00010

Emission Point: 00010

Height (ft.): 499

Diameter (in.): 160

NYTMN (km.): 4512.564

NYTME (km.): 588.955

Building: GEN STA

Item 44.2(From Mod 1):

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

Emission Unit: U-00020

Emission Point: 00020

Height (ft.): 499

Diameter (in.): 162

NYTMN (km.): 4512.679

NYTME (km.): 589.024

Building: GEN STA

Item 44.3(From Mod 1):

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Emission Unit: U-00030

Emission Point: 00030

Height (ft.): 499

Diameter (in.): 282

NYTMN (km.): 4512.679 NYTME (km.): 589.024 Building: GEN STA

**Condition 45: Process Definition By Emission Unit
Effective between the dates of 04/24/2024 and 04/23/2029**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 45.1(From Mod 1):

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

Emission Unit: U-00010

Process: P81

Source Classification Code: 1-01-005-01

Process Description:

This process is the combustion of ultra low sulfur No. 2 fuel oil in a tangentially fired steam-electric boiler. A non-hazardous additive may be used to improve combustion.

Ultra low sulfur No. 2 fuel oil/distillate oil is interchangeable with kerosene.

Emission Source/Control: ES10H - Combustion

Design Capacity: 2,102 million Btu per hour

Emission Source/Control: ES10R - Combustion

Design Capacity: 2,102 million Btu per hour

Item 45.2(From Mod 1):

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

Emission Unit: U-00020

Process: P06

Source Classification Code: 1-01-006-04

Process Description:

This process is the combustion of pipeline natural gas in a tangentially fired steam-electric boiler.

Emission Source/Control: ES20H - Combustion

Design Capacity: 2,085 million Btu per hour

Emission Source/Control: ES20R - Combustion

Design Capacity: 2,085 million Btu per hour

Item 45.3(From Mod 1):

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

Emission Unit: U-00020

Process: P82

Source Classification Code: 1-01-005-01

Process Description:

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

This process is the combustion of ultra low sulfur No. 2 fuel oil in a tangentially fired steam-electric boiler. A non-hazardous additive may be used to improve combustion.

Ultra low sulfur No. 2 fuel oil/distillate oil is interchangeable with kerosene.

Emission Source/Control: ES20H - Combustion
Design Capacity: 2,085 million Btu per hour

Emission Source/Control: ES20R - Combustion
Design Capacity: 2,085 million Btu per hour

Item 45.4(From Mod 1):

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

Emission Unit: U-00030
Process: P83 Source Classification Code: 1-01-005-01

Process Description:

This process is the combustion of ultra low sulfur No. 2 fuel oil in a tangentially fired steam-electric boiler. A non-hazardous additive may be used to improve combustion.

Ultra low sulfur No. 2 fuel oil/distillate oil is interchangeable with kerosene.

Emission Source/Control: ES30H - Combustion
Design Capacity: 4,689 million Btu per hour

Emission Source/Control: ES30R - Combustion
Design Capacity: 4,689 million Btu per hour

Item 45.5(From Mod 0):

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

Emission Unit: U-00010
Process: P02 Source Classification Code: 1-01-006-04

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE NATURAL GAS IN A TANGENTIALLY FIRED STEAM-ELECTRIC BOILER.

Emission Source/Control: ES10H - Combustion
Design Capacity: 2,102 million Btu per hour

Emission Source/Control: ES10R - Combustion
Design Capacity: 2,102 million Btu per hour

Item 45.6(From Mod 0):

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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

Emission Unit: U-00030

Process: P10

Source Classification Code: 1-01-006-04

Process Description:

THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A TANGENTIALLY FIRED
STEAM-ELECTRIC BOILER.

Emission Source/Control: ES30H - Combustion

Design Capacity: 4,689 million Btu per hour

Emission Source/Control: ES30R - Combustion

Design Capacity: 4,689 million Btu per hour

Condition 46: Compliance Certification

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable Federal Requirement: 40CFR 63.9990(b), Subpart UUUUU

Item 46.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Limited-use liquid oil-fired subcategory means an oil-fired electric utility steam generating unit with an annual capacity factor of less than 8 percent of its maximum or nameplate heat input, whichever is greater, averaged over a 24-month block contiguous period commencing April 16, 2015.

Source Owners utilizing this provision must keep records demonstrating compliance with this provision and implement the Work Practice requirements found in Table 3.

Averaging Method: 24- Month annual average

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 criteria, emission limits, terms, conditions, and

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 47: Contaminant List

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable State Requirement:ECL 19-0301

Item 47.1:

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: 007446-09-5
Name: SULFUR DIOXIDE

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

Condition 48: Malfunctions and Start-up/Shutdown Activities

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable State Requirement:6 NYCRR 201-1.4

Item 48.1:

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

(b) The facility owner or operator shall compile and maintain records of all equipment

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 49: Air pollution prohibited
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable State Requirement:6 NYCRR 211.1

Item 49.1:

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 50: CO2 Budget Trading Program - Excess emission requirements
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable State Requirement:6 NYCRR 242-1.5

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Item 50.1:

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 51: Compliance Demonstration
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable State Requirement: 6 NYCRR 242-1.5

Item 51.1:

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

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Item 51.2:

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.
- (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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

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 7/30/2024.

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

Condition 52: Compliance Demonstration
Effective between the dates of 04/24/2024 and 04/23/2029

Applicable State Requirement:6 NYCRR 242-1.5

Item 52.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Item 52.2:

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 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 7/30/2024.

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

Condition 53: Compliance Demonstration

Effective between the dates of 04/24/2024 and 04/23/2029

Applicable State Requirement: 6 NYCRR 251.3 (b)

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024

Item 53.1:

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

Emission Unit: U-00010

Emission Unit: U-00020

Emission Unit: U-00030

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 53.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

This requirement is for:

U-00010 - Emission Unit 10:

U-00020 - Emission unit 20:

U-00030 - Emission Unit 30:

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. 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: CONTINUOUS

Averaging Method: CALENDAR YEAR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Permit ID: 2-6304-00024/00035

Facility DEC ID: 2630400024