

Facility DEC ID: 5412600028

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-4126-00028/00009
Effective Date: 01/01/2024 Expiration Date: 12/31/2028

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 5-4126-00028/00012
Effective Date: 01/01/2024 Expiration Date: 12/31/2028

Permit Issued To: Indeck-Corinth Limited Partnership
600 N Buffalo Grove Rd Ste 300
Buffalo Grove, IL 60089-2432

Facility: INDECK-CORINTH ENERGY CENTER
24 WHITE ST
CORINTH, NY 12822

Contact: MICHAEL MINNOLERA
INDECK CORINTH ENERGY CENTER
24 WHITE ST
CORINTH, NY 12822
(518) 654-7895

Description:

This is a co-generation plant furnishing steam to the adjacent water production plant and electricity to Consolidated Edison. This is a combined-cycle cogeneration plant utilizing a GE Frame 7 gas turbine with a centralized control room through a Foxboro Distributed Control System (DCS). Circulating water is cooled through a 4-cell wet cooling tower. NG is primary fuel. A 375,000 gal #2 fuel oil tank provides backup fuel. The facility operates between 80% and 100% load. Oil firing on the GT is limited to 17.3 million gallons per 365 day rolling average. The DB fires only NG. Operating hours on the GT and DB are not limited. The GT is equipped with dry low-NOx and the DB has low-NOx burners. SCR controls facility NOx to 9/18 ppm for gas/oil firing, respectively. This constitutes BACT.

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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: BETH A MAGEE
 NYSDEC - WARRENSBURG SUBOFFICE
 232 GOLF COURSE RD
 WARRENSBURG, NY 12885-1172

Authorized Signature: _____ Date: ___ / ___ / _____

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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.

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- 5 3 Applications for permit renewals, modifications and transfers
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Facility Level

- 6 5 Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG

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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.

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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 5
SUBOFFICE - WARRENSBURG
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 5 Sub-office
Division of Environmental Permits
232 Golf Course Road
Warrensburg, NY 12885-1172
(518) 623-1281

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: Indeck-Corinth Limited Partnership
600 N Buffalo Grove Rd Ste 300
Buffalo Grove, IL 60089-2432

Facility: INDECK-CORINTH ENERGY CENTER
24 WHITE ST
CORINTH, NY 12822

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
4931 - ELEC & OTHER SERVICES COMBINED

Permit Effective Date: 01/01/2024

Permit Expiration Date: 12/31/2028

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FEDERALLY ENFORCEABLE CONDITIONS

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- 9 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 9 4 6 NYCRR 201-6.4 (c) (2): Compliance Certification
- 10 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 12 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 14 7 6 NYCRR 202-2.5: Recordkeeping requirements
- 14 8 6 NYCRR 215.2: Open Fires - Prohibitions
- 15 9 6 NYCRR 200.7: Maintenance of Equipment
- 15 10 6 NYCRR 201-1.7: Recycling and Salvage
- 16 11 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 16 12 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 16 13 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 16 14 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 17 15 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 16 6 NYCRR 202-1.1: Required Emissions Tests
- 17 17 40 CFR Part 68: Accidental release provisions.
- 18 18 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 18 19 6 NYCRR Subpart 201-6: Emission Unit Definition
- 18 20 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 19 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 211.2: Visible Emissions Limited
- 20 24 6 NYCRR 227-1.4 (a): Compliance Certification
- 21 25 40CFR 52.21(j), Subpart A: Compliance Certification
- 21 26 40CFR 52.21(j)(1), Subpart A: Minimum requirements.
- 21 27 40CFR 60.8(c), NSPS Subpart A: Compliance Certification
- 22 28 40CFR 60.334(b), NSPS Subpart GG: Compliance Certification
- 23 29 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 24 30 40CFR 97.606, Subpart CCCCC: Compliance Certification
- 25 31 40CFR 97.1006, Subpart GGGGG: Compliance Certification
- 27 32 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 27 33 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-00001

- 28 34 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 28 35 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 29 36 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 30 37 40CFR 60.9, NSPS Subpart A: Availability of information.
- 30 38 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 30 39 40CFR 72.6(a)(3)(i), Subpart A: Applicability of the Title IV Acid Rain Regulations to a particular "new" generator unit which consists of one emission source.

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30 40 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00001,EP=00001

31 41 40CFR 52.21(j), Subpart A: Compliance Certification

31 42 40CFR 52.21(j), Subpart A: Compliance Certification

32 43 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=101

32 44 6 NYCRR Subpart 201-6: Compliance Certification

33 45 6 NYCRR Subpart 201-6: Compliance Certification

34 46 40CFR 52.21(j), Subpart A: Compliance Certification

35 47 40CFR 52.21(j), Subpart A: Compliance Certification

35 48 40CFR 52.21(j), Subpart A: Compliance Certification

36 49 40CFR 52.21(j), Subpart A: Compliance Certification

37 50 40CFR 52.21(j), Subpart A: Compliance Certification

37 51 40CFR 52.21(j), Subpart A: Compliance Certification

38 52 40CFR 52.21(j), Subpart A: Compliance Certification

39 53 40CFR 52.21(j), Subpart A: Compliance Certification

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39 54 6 NYCRR Subpart 201-6: Compliance Certification

40 55 6 NYCRR Subpart 201-6: Compliance Certification

41 56 40CFR 52.21(j), Subpart A: Compliance Certification

42 57 40CFR 52.21(j), Subpart A: Compliance Certification

42 58 40CFR 52.21(j), Subpart A: Compliance Certification

43 59 40CFR 52.21(j), Subpart A: Compliance Certification

44 60 40CFR 52.21(j), Subpart A: Compliance Certification

44 61 40CFR 52.21(j), Subpart A: Compliance Certification

45 62 40CFR 52.21(j), Subpart A: Compliance Certification

46 63 40CFR 52.21(j), Subpart A: Compliance Certification

46 64 40CFR 52.21(j), Subpart A: Compliance Certification

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47 65 6 NYCRR Subpart 201-6: Compliance Certification

48 66 6 NYCRR Subpart 201-6: Compliance Certification

48 67 40CFR 52.21(j), Subpart A: Compliance Certification

49 68 40CFR 52.21(j), Subpart A: Compliance Certification

50 69 40CFR 52.21(j), Subpart A: Compliance Certification

51 70 40CFR 52.21(j), Subpart A: Compliance Certification

51 71 40CFR 52.21(j), Subpart A: Compliance Certification

52 72 40CFR 52.21(j), Subpart A: Compliance Certification

53 73 40CFR 52.21(j), Subpart A: Compliance Certification

53 74 40CFR 52.21(j), Subpart A: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

56 75 ECL 19-0301: Contaminant List

57 76 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities

57 77 6 NYCRR 201-6.5 (a): CLCPA Applicability

58 78 6 NYCRR 211.1: Air pollution prohibited

58 79 6 NYCRR Part 242: Compliance Demonstration

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58 80 6 NYCRR 251.3 (b): Compliance Demonstration

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 5/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

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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;

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- 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.

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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 01/01/2024 and 12/31/2028**

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.

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Condition 2: Fees

Effective between the dates of 01/01/2024 and 12/31/2028

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 01/01/2024 and 12/31/2028

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: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

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

Item 4.1:

The Compliance Certification activity will be performed for the Facility.

Item 4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Title V facility must keep all records used to determine compliance with any applicable limit(s) and/or monitoring requirement(s) at the facility (or other Department approved location) for a minimum of

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five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 5: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

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

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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 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

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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.

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 01/01/2024 and 12/31/2028

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 recordkeeping and reporting requirements of this permit;

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- 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.

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
Region 5 Suboffice
232 Golf Course Road
Warrensburg, NY 12885-1172

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2024.
 Subsequent reports are due on the same day each year

Condition 7: Recordkeeping requirements
Effective between the dates of 01/01/2024 and 12/31/2028

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 01/01/2024 and 12/31/2028

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.

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- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

**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 01/01/2024 and 12/31/2028**

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 01/01/2024 and 12/31/2028**

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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 the air
Effective between the dates of 01/01/2024 and 12/31/2028

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 01/01/2024 and 12/31/2028

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 01/01/2024 and 12/31/2028

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 01/01/2024 and 12/31/2028

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

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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 01/01/2024 and 12/31/2028

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

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 01/01/2024 and 12/31/2028

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 01/01/2024 and 12/31/2028

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;

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

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

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

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

Condition 18: Recycling and Emissions Reduction
Effective between the dates of 01/01/2024 and 12/31/2028

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 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 19.1:

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

Emission Unit: U-00001

Emission Unit Description:

This unit consists of a combustion gas turbine generator with evaporative cooler, a heat recovery steam generator with duct burner and a selective catalytic reduction system venting into one stack.

Building(s): 01

Condition 20: Progress Reports Due Semiannually
Effective between the dates of 01/01/2024 and 12/31/2028

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

Item 20.1:

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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 01/01/2024 and 12/31/2028

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

Condition 22: Statement dates for emissions statements.
Effective between the dates of 01/01/2024 and 12/31/2028

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: Visible Emissions Limited
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR 211.2

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Item 23.1:

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

Condition 24: Compliance Certification**Effective between the dates of 01/01/2024 and 12/31/2028****Applicable Federal Requirement: 6 NYCRR 227-1.4 (a)****Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which

this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the Method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is

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inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 25: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

AMBIENT AIR TEMPERATURE MUST BE CONTINUOUSLY MEASURED AND RECORDED. MEASUREMENTS SHALL BE ACCURATE TO WITHIN +/- 3 DEG F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Minimum requirements.
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j)(1), Subpart A

Item 26.1:

The affected facility is subject to an emission limitation incorporated into the State Implementation Plan and shall, at a minimum, meet these and then any applicable emission standard and/or standard of performance listed under Parts 40 CFR 60 and 61.

Condition 27: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

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

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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:

Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard. Periods when the facility is conducting fuel switching operations shall be considered as periods of startup under the conditions of this Permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 28: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement: 40CFR 60.334(b), NSPS Subpart GG

Item 28.1:

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:

USEPA CUSTOM FUEL MONITORING SCHEDULE
 I. While using natural gas:
 A. Analytical methods and procedures for analyzing fuel nitrogen and sulfur content shall be chosen in accordance with 40 CFR 60.335.
 B. Fuel nitrogen and sulfur content of the natural gas shall be monitored annually.
 C. Should any fuel nitrogen or sulfur monitoring, as required by item (B) indicate noncompliance with 40 CFR 60.332 or 40 CFR 60.333, the owner or operator shall

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notify EPA and the New York State Department of Environmental Conservation within 15 calendar days of the occurrence(s). Fuel nitrogen and sulfur content monitoring of the natural gas shall be conducted weekly during the interim period while the custom schedule is being re-examined by EPA.

D. Records of fuel analysis and fuel supply pertinent to this custom fuel monitoring schedule shall be retained for a period of 3 years, and be available for inspection by personnel of federal, state and local air pollution control agencies.

II. While using fuel oil:

A. Monitoring of sulfur and nitrogen content of the distillate oil will be performed on a batch basis. Each time fuel oil is delivered to the facility by multiple trucks, a sample will be taken from each truck if the trucks contain oil from different batches from the supplier. If trucks contain oil from the same batch, only one sample from one truck will be necessary.

B. Records of fuel analysis and fuel supply pertinent to this alternative oil monitoring schedule shall be retained for a period of 3 years and be available for inspection by personnel of federal, state and local air pollution control agencies.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 29: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 29.2:

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

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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 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 30: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 97.606, Subpart CCCCC

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 30.2:

Compliance Certification shall include the following monitoring:

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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 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

Condition 31: Compliance Certification**Effective between the dates of 01/01/2024 and 12/31/2028****Applicable Federal Requirement:40CFR 97.1006, Subpart GGGGG**

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Item 31.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.1013 through 97.1018 of Subpart GGGGG. The facility shall notify the Department of this representative (and alternate) with contact information upon issuance of this permit and when any changes are made to the representative (or alternate) or their contact information.

(2) The facility, and the designated representative, of each CSAPR NO_x Ozone Season Group 3 source (facility) and each CSAPR NO_x Ozone Season Group unit at the facility must comply with the monitoring, reporting, and recordkeeping requirements of §§97.1030 through 97.1035 of Subpart GGGGG 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 to be submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are to be 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 CSAPR NO_x Ozone Season allowances and to determine compliance with the CSAPR NO_x Ozone Season 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 CSAPR NO_x Ozone Season facility and each CSAPR NO_x Ozone Season Unit at the facility shall hold, in the facilities compliance account, CSAPR NO_x Ozone Season allowances available for deduction for such control period under §97.1024(a) in an amount not less than the tons of total NO_x emissions for such control period from all CSAPR NO_x Ozone Season Group 3 units at the facility.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 32: Emission Point Definition By Emission Unit
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 32.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 237

Diameter (in.): 180

NYTMN (km.): 4789.171 NYTME (km.): 596.607 Building: 01

Condition 33: Process Definition By Emission Unit
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 33.1:

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

Emission Unit: U-00001

Process: 101

Source Classification Code: 2-02-002-03

Process Description:

GE Frame 7 gas turbine firing on natural gas. No duct firing.

Emission Source/Control: C00GT - Combustion

Design Capacity: 981.4 million Btu per hour

Emission Source/Control: C0SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 33.2:

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

Emission Unit: U-00001

Process: 102

Source Classification Code: 2-02-001-03

Process Description:

GE Frame 7 gas turbine firing on distillate oil. No duct firing.

Emission Source/Control: C00GT - Combustion

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Design Capacity: 981.4 million Btu per hour

Emission Source/Control: C0SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 33.3:

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

Emission Unit: U-00001
Process: 104 Source Classification Code: 2-02-002-03
Process Description:
GE Frame 7 gas turbine and duct burner both firing
natural gas.

Emission Source/Control: C00DB - Combustion
Design Capacity: 144.3 million Btu per hour

Emission Source/Control: C00GT - Combustion
Design Capacity: 981.4 million Btu per hour

Emission Source/Control: C0SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Condition 34: Recordkeeping requirements.
Effective between the dates of 01/01/2024 and 12/31/2028

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

Item 34.1:

This Condition applies to Emission Unit: U-00001

Item 34.2:

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

Condition 35: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

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

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

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 36: Facility files for subject sources.
Effective between the dates of 01/01/2024 and 12/31/2028**

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

Item 36.1:

This Condition applies to Emission Unit: U-00001

Item 36.2:

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

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Condition 37: Availability of information.
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 37.1:
This Condition applies to Emission Unit: U-00001

Item 37.2:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 38: Monitoring requirements.
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 38.1:
This Condition applies to Emission Unit: U-00001

Item 38.2:
All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 39: Applicability of the Title IV Acid Rain Regulations to a particular "new" generator unit which consists of one emission source.
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 72.6(a)(3)(i), Subpart A

Item 39.1:
This Condition applies to Emission Unit: U-00001

Item 39.2:
This emission source is an affected unit and is subject to the requirements of the Acid Rain Program. These requirements are included in 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78.

Condition 40: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 40.1:
The Compliance Certification activity will be performed for:

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Emission Unit: U-00001

Process: 102

Emission Source: C00GT

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual fuel use of distillate oil shall not exceed 17.3 million gallons on an annual rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 17.3 million gallons

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

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 41: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The gas turbine must operate between 80% and 100% load except during periods of startup, shutdown, fuel switching, and malfunction.

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 42: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 42.1:

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The type and amount of fuel burned in the gas turbine and duct burner must be monitored and recorded. Data must be accurate within +/- 5%.

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 43: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Reports of deviations for emissions of nitrogen oxides, carbon monoxide and ammonia that continue for more than two hours in excess of permit requirements must be made to the Department within 48 hours. This requirement does not apply during startup, shutdown, fuel switching, or malfunction.

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 44: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 101

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

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of NOx during periods of; startup or fuel switching (not to exceed 180 minutes in duration), and shutdown (not to exceed 60 minutes in duration).

For startups or fuel switching, this 60 minute average mass emission limit should be interpreted as one limit equal to three times the specified limit, which covers the 180 minute period of the event.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 181.1 pounds per hour

Reference Test Method: method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 45: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 101

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

Item 45.2:

Compliance Certification shall include the following monitoring:

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of CO during; startup or fuel switching (for periods not to exceed 180 minutes), and during shutdown (for periods not to exceed 60 minutes).

For startups or fuel switching, this 60 minute average mass emission limit should be interpreted as one limit equal to three times the specified limit, which covers the 180 minute period of the event.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 186.6 pounds per hour

Reference Test Method: method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 46: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 101

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

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Carbon Monoxide emissions are limited to 15 parts per million. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX

Parameter Monitored: CARBON MONOXIDE

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

Reference Test Method: method 10

Monitoring Frequency: CONTINUOUS

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 47: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 101

Regulated Contaminant(s):
 CAS No: 0NY998-00-0 VOC

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing shall be performed upon request from either DEC or EPA. Emission limits are 0.0018 pounds per million Btu and 2.2 pounds per hour. Compliance with the Carbon Monoxide limits as verified by the CEM for CO effectively assures compliance with this VOC limit. Pounds per hour of VOC is at 48 deg F (ambient temperature), See attached "Figure 3 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Parameter Monitored: VOC

Upper Permit Limit: 0.0018 pounds per million Btus

Reference Test Method: method 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 48: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 101

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Regulated Contaminant(s):
 CAS No: 007664-41-7 AMMONIA

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Ammonia is calculated continuously by difference between the oxidized sample stream (NH₃ + NO₂ + NO) and the non-oxidized sample stream (NO₂ + NO). Pounds per hour limit is at 48 degrees F (ambient temperature). See attached " Figure 3 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: AMMONIA

Upper Permit Limit: 13.2 pounds per hour

Reference Test Method: method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 49: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 101

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

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of NO_x is at 48 degrees F (ambient temperature). See attached " Figure 3 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 32 pounds per hour
 Reference Test Method: method 7E
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 50: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 101

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

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions are limited to 9.0 parts per million. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 51: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 51.1:

The Compliance Certification activity will be performed for:

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Emission Unit: U-00001
Process: 101

Emission Point: 00001

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

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing shall be performed upon request from DEC or EPA. Emission limits are 0.0059 pounds per million Btu and 5.25 pounds per hour. Pounds per hour of PM-10 is at 48 deg F (ambient temperature), See attached "Figure 3 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Parameter Monitored: PM-10

Upper Permit Limit: 0.0059 pounds per million Btus

Reference Test Method: 40CFR60 Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 52: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 101

Emission Point: 00001

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Ammonia is calculated continuously by difference between the oxidized sample stream (NH₃ + NO₂ + NO) and the non-oxidized sample stream (NO₂ + NO).

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per million by volume (dry,

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

corrected to 15% O2)
 Reference Test Method: method 7E
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 53.1:
 The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 101

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

Item 53.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
 Monitoring Description:

Pounds per hour limit of CO is at 48 degrees F (ambient temperature). See attached " Figure 3 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX
 Parameter Monitored: CARBON MONOXIDE
 Upper Permit Limit: 32 pounds per hour
 Reference Test Method: method 10
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 54.1:
 The Compliance Certification activity will be performed for:

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Emission Unit: U-00001
Process: 102

Emission Point: 00001

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

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of NOx during; startup or fuel switching (for periods not to exceed 180 minutes), and during shutdown (for periods not to exceed 60 minutes).

For startups or fuel switching, this 60 minute average mass emission limit should be interpreted as one limit equal to three times the specified limit, which covers the 180 minute period of the event.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 539.4 pounds per hour

Reference Test Method: method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 55: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 102

Emission Point: 00001

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

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of CO during; startup or fuel

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

switching (for periods not to exceed 180 minutes), and during shutdown (for periods not to exceed 60 minutes).

For startups or fuel switching, this 60 minute average mass emission limit should be interpreted as one limit equal to three times the specified limit, which covers the 180 minute period of the event.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX
 Parameter Monitored: CARBON MONOXIDE
 Upper Permit Limit: 468.4 pounds per hour
 Reference Test Method: method 10
 Monitoring Frequency: CONTINUOUS
 Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 56: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 102

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

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of NOx is at 48 deg F (ambient temperature). See attached "Figure 1 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD
 Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 69.3 pounds per hour
 Reference Test Method: method 7E
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 57: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 102

Regulated Contaminant(s):
 CAS No: 0NY998-00-0 VOC

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing shall be performed upon request of either DEC or EPA. Emission limits are 0.0047 pounds per million Btu and 5.5 pounds per hour. Compliance with the Carbon Monoxide limits as verified by the CEM for CO effectively assures compliance with this VOC limit. Pounds per hour of VOC is at 48 deg F (ambient temperature), See attached "Figure 1 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Parameter Monitored: VOC

Upper Permit Limit: 0.0047 pounds per million Btus

Reference Test Method: method 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 58: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 102

Regulated Contaminant(s):

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Sulfur content of the fuel oil burned in the gas turbine is limited to 0.06% by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.06 percent by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 59: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 102

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Ammonia is calculated continuously by difference between the oxidized sample stream (NH₃ + NO₂ + NO) and the non-oxidized sample stream (NO₂ +NO). Pounds per hour limit of NH₃ is at 48 deg F (ambient temperature). See attached "Figure 1 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: AMMONIA

Upper Permit Limit: 14.3 pounds per hour

Reference Test Method: method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 60: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 102

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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions are limited to 18 parts per million. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 18.0 parts per million by volume
 (dry, corrected to 15% O2)

Reference Test Method: Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 61: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 102

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

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Carbon monoxide emissions are limited to 19.0 parts per million. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 19.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 62: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 102

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Ammonia is calculated continuously by difference between the oxidized sample stream (NH₃ + NO₂ + NO) and the non-oxidized sample stream (NO₂ + NO)

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 63: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 102

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

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of CO is at 48 deg F (ambient temperature). See attached "Figure 1 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 44.0 pounds per hour

Reference Test Method: method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 64: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 102

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

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing shall be performed upon request of either DEC or EPA. Emission limits are 0.023 pounds per million Btu's and 24.7 pounds per hour. Pounds per hour of PM-10 is at 48 deg F (ambient temperature), See attached "Figure 1 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Parameter Monitored: PM-10

Upper Permit Limit: 0.023 pounds per million Btus

Reference Test Method: 40CFR60 Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 65: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

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

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of NOx during periods of; startup or fuel switching (not to exceed 180 minutes in duration), and shutdown (not to exceed 60 minutes in duration).

For startups or fuel switching, this 60 minute average mass emission limit should be interpreted as one limit equal to three times the specified limit, which covers the 180 minute period of the event.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: OXIDES OF NITROGEN

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Upper Permit Limit: 181.1 pounds per hour
 Reference Test Method: method 7E
 Monitoring Frequency: CONTINUOUS
 Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 66: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 66.1:
 The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

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

Item 66.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
 Monitoring Description:

Pounds per hour limit of CO during; startup or fuel switching (for periods not to exceed 180 minutes), and during shutdown (for periods not to exceed 60 minutes).

For startups or fuel switching, this 60 minute average mass emission limit should be interpreted as one limit equal to three times the specified limit, which covers the 180 minute period of the event.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX
 Parameter Monitored: CARBON MONOXIDE
 Upper Permit Limit: 186.6 pounds per hour
 Reference Test Method: Method 10
 Monitoring Frequency: CONTINUOUS
 Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 67: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

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

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions are limited to 9 parts per million. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 68: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

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

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions are limited to 36.8 pounds per hour. Pounds

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

per hour of NOx is at 48 deg F (ambient temperature), See attached "Figure 2 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD
 Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 36.8 pounds per hour
 Reference Test Method: method 7E
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 69: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

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

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Carbon monoxide emissions are limited to 18 parts per million. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX
 Parameter Monitored: CARBON MONOXIDE
 Upper Permit Limit: 18 parts per million by volume (dry, corrected to 15% O2)
 Reference Test Method: method 10
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2024.
 Subsequent reports are due every 3 calendar month(s).

Condition 70: Compliance Certification

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

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

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit of CO is at 48 deg F (ambient temperature). See attached "Figure 2 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature. This limit applies at all times except during periods of startup, fuel switching, or shutdown.

Manufacturer Name/Model Number: California Analytical Instruments 701 LX

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 43.5 pounds per hour

Reference Test Method: method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Condition 71: Compliance Certification

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

Regulated Contaminant(s):
 CAS No: 0NY998-00-0 VOC

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Monitoring Description:

Stack testing shall be performed upon request of either DEC or EPA. Pounds per hour of VOC is at 48 deg F (ambient temperature), See attached "Figure 2 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Parameter Monitored: VOC

Upper Permit Limit: 6.4 pounds per hour

Reference Test Method: method 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 72: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

Regulated Contaminant(s):
 CAS No: 007664-41-7 AMMONIA

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Ammonia is calculated continuously by difference between the oxidized sample stream (NH3 + NO2 + NO) and the non-oxidized sample stream (NO2 + NO). Pounds per hour of NH3 is at 48 deg F (ambient temperature), See attached "Figure 2 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: AMMONIA

Upper Permit Limit: 15.1 pounds per hour

Reference Test Method: Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Condition 73: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

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

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing shall be performed upon request of either DEC or EPA. Pounds per hour of PM-10 is at 48 deg F (ambient temperature), See attached "Figure 2 Indeck-Corinth Energy Center" to correlate this limit to current ambient temperature.

Parameter Monitored: PM-10

Upper Permit Limit: 6.73 pounds per hour

Reference Test Method: 40CFR60 Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 74: Compliance Certification
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 104

Regulated Contaminant(s):
 CAS No: 007664-41-7 AMMONIA

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Ammonia is calculated continuously by difference between the oxidized sample stream ($\text{NH}_3 + \text{NO}_2 + \text{NO}$) and the non-oxidized sample stream ($\text{NO}_2 + \text{NO}$). Emissions are limited to 10 parts per million.

Manufacturer Name/Model Number: California Analytical Instruments 700 CLD

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

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: 5-4126-00028/00009

Facility DEC ID: 5412600028

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 75: Contaminant List

Effective between the dates of 01/01/2024 and 12/31/2028

Applicable State Requirement:ECL 19-0301

Item 75.1:

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: 000630-08-0
Name: CARBON MONOXIDE

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

CAS No: 007664-41-7
Name: AMMONIA

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

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

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

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

Condition 76: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable State Requirement:6 NYCRR 201-1.4

Item 76.1:

(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 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 77: CLCPA Applicability
Effective between the dates of 01/01/2024 and 12/31/2028

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

Item 77.1:

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

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

Condition 78: Air pollution prohibited
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable State Requirement:6 NYCRR 211.1

Item 78.1:

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 79: Compliance Demonstration
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable State Requirement:6 NYCRR Part 242

Item 79.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 79.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility is subject to the CO2 Budget provisions of
6 NYCRR 242.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 80: Compliance Demonstration
Effective between the dates of 01/01/2024 and 12/31/2028

Applicable State Requirement:6 NYCRR 251.3 (b)

Item 80.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028

CAS No: 000124-38-9 CARBON DIOXIDE

Item 80.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On or after December 31, 2020, owners or operators of non-modified existing sources shall not fire any single fossil fuel, alone or in combination with any other fuel, where each fossil fuel is required to meet an emission rate of 180 pounds of CO₂ per million Btu of input (input-based limit). These emission limits are measured on an annual basis, calculated by dividing the annual total of CO₂ emissions for the calendar year by the annual total Btus (input-based limit) fired for each separate fossil fuel fired. 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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: ANNUAL TOTAL

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2024.

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

Permit ID: 5-4126-00028/00009

Facility DEC ID: 5412600028