

Facility DEC ID: 4012200078

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-0122-00078/00013
Effective Date: 02/04/2022 Expiration Date: 02/03/2027

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 4-0122-00078/00015
Effective Date: 02/04/2022 Expiration Date: 02/03/2027

Permit Issued To: SELKIRK COGEN PARTNERS LP
24 POWER PARK DR
SELKIRK, NY 12158-2299

Contact: Timothy M Biittig
PurEnergy Management Services, LLC
24 Power Park Dr
Selkirk, NY 12158
(518) 475-5773

Facility: SELKIRK COGENERATION PROJECT
24 Power Park Dr
Selkirk, NY 12158

Description:
This permit authorizes the renewal of both the Air Title V permit under the authority of Title 6 of the New York State Codes of Rules and Regulations (6NYCRR) Part 201 and the Acid Rain permit under the authority of Title IV of the federal Clean Air Act. The owner and operator of the facility shall comply with all the requirements established in both the Air Title V permit and the Acid Rain permit. This permit authorizes the following facility "affected units": CTG101, CTG201, and CTG301.

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: ANGELIKA R STEWART
NYSDEC
65561 St Hwy 10
Stamford, NY 12167

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

Facility Level

- 5 5 Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS

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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 4 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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24 POWER PARK DR
SELKIRK, NY 12158-2299

Facility: SELKIRK COGENERATION PROJECT
24 Power Park Dr
Selkirk, NY 12158

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

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Permit Expiration Date: 02/03/2027

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FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

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| 11 | 1 | 6 NYCRR 200.6: Acceptable Ambient Air Quality |
| 12 | 2 | 6 NYCRR 201-6.4 (a) (7): Fees |
| 12 | 3 | 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring |
| 12 | 4 | 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement |
| 12 | 5 | 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification |
| 15 | 6 | 6 NYCRR 201-6.4 (e): Compliance Certification |
| 17 | 7 | 6 NYCRR 202-2.1: Compliance Certification |
| 17 | 8 | 6 NYCRR 202-2.5: Recordkeeping requirements |
| 17 | 9 | 6 NYCRR 215.2: Open Fires - Prohibitions |
| 18 | 10 | 6 NYCRR 200.7: Maintenance of Equipment |
| 19 | 11 | 6 NYCRR 201-1.7: Recycling and Salvage |
| 19 | 12 | 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air |
| 19 | 13 | 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility |
| 19 | 14 | 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility |
| 20 | 15 | 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information |
| 20 | 16 | 6 NYCRR 201-6.4 (a) (8): Right to Inspect |
| 20 | 17 | 6 NYCRR 202-1.1: Required Emissions Tests |
| 21 | 18 | 40 CFR Part 68: Accidental release provisions. |
| 21 | 19 | 40CFR 82, Subpart F: Recycling and Emissions Reduction |
| 21 | 20 | 6 NYCRR Subpart 201-6: Emission Unit Definition |
| 23 | 21 | 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually |
| 23 | 22 | 6 NYCRR 201-6.4 (f): Operational Flexibility |
| 23 | 23 | 6 NYCRR 211.2: Visible Emissions Limited |
| 23 | 24 | 6 NYCRR 225-1.2 (d): Compliance Certification |
| 24 | 25 | 6 NYCRR 227-1.4 (a): Compliance Certification |
| 26 | 26 | 40CFR 52.21, Subpart A: FIRING FUELS |
| 26 | 27 | 40CFR 52.21, Subpart A: Compliance Certification |
| 26 | 28 | 40CFR 52.21, Subpart A: Compliance Certification |
| 27 | 29 | 40CFR 52.21, Subpart A: Compliance Certification |
| 28 | 30 | 40CFR 52.21, Subpart A: Compliance Certification |
| 28 | 31 | 40CFR 52.21, Subpart A: Compliance Certification |
| 29 | 32 | 40CFR 52.21, Subpart A: Compliance Certification |
| 30 | 33 | 40CFR 52.21, Subpart A: Compliance Certification |
| 30 | 34 | 40CFR 52.21, Subpart A: Compliance Certification |
| 31 | 35 | 40CFR 52.21, Subpart A: Compliance Certification |
| 32 | 36 | 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions |
| 32 | 37 | 40CFR 60.4, NSPS Subpart A: EPA Region 2 address. |
| 32 | 38 | 40CFR 60.7(a), NSPS Subpart A: Modification Notification |
| 33 | 39 | 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements. |
| 33 | 40 | 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline. |
| 34 | 41 | 40CFR 60.8(b), NSPS Subpart A: Performance test methods. |
| 34 | 42 | 40CFR 60.8(c), NSPS Subpart A: Required performance test information. |
| 34 | 43 | 40CFR 60.8(d), NSPS Subpart A: Prior notice. |

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- 35 44 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 35 45 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 35 46 40CFR 60.9, NSPS Subpart A: Availability of information.
- 36 47 40CFR 60.12, NSPS Subpart A: Circumvention.
- 36 48 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 36 49 40CFR 60.14, NSPS Subpart A: Modifications.
- 37 50 40CFR 60.15, NSPS Subpart A: Reconstruction
- 37 51 40CFR 60.334(b), NSPS Subpart GG: CEMS
- 38 52 40CFR 60.334(h), NSPS Subpart GG: Compliance Certification
- 39 53 40CFR 60.334(h)(3), NSPS Subpart GG: Compliance Certification
- 40 54 40CFR 60.334(j), NSPS Subpart GG: Compliance Certification
- 41 55 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 42 56 40CFR 97.606, Subpart CCCCC: Compliance Certification
- 43 57 40CFR 97.1006, Subpart GGGGG: Compliance Certification

Emission Unit Level

- 44 58 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 45 59 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-00001

- 55 60 6 NYCRR Subpart 201-6: Compliance Certification
- 56 61 6 NYCRR Subpart 201-6: Compliance Certification
- 57 62 6 NYCRR Subpart 227-2: Compliance Certification
- 58 63 40CFR 52.21, Subpart A: Compliance Certification
- 58 64 40CFR 52.21, Subpart A: Compliance Certification
- 59 65 40CFR 75.10(a), Subpart B: Compliance Certification
- 60 66 40CFR 75.10(d), Subpart B: Compliance Certification

EU=U-00001,Proc=1DB

- 63 67 40CFR 60.44b(a)(4), NSPS Subpart Db: Standard for oxides of nitrogen.
- 63 68 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.

EU=U-00001,EP=00001

- 64 69 40CFR 52.21, Subpart A: Compliance Certification
- 64 70 40CFR 52.21, Subpart A: Compliance Certification
- 65 71 40CFR 52.21, Subpart A: Compliance Certification
- 66 72 40CFR 52.21, Subpart A: Compliance Certification
- 66 73 40CFR 52.21, Subpart A: Compliance Certification

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- 67 74 40CFR 52.21, Subpart A: Compliance Certification
- 68 75 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1AG,ES=OOGT1

- 68 76 40CFR 52.21, Subpart A: Compliance Certification
- 69 77 40CFR 52.21, Subpart A: Compliance Certification
- 70 78 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1AO

- 70 79 40CFR 52.21, Subpart A: Compliance Certification
- 71 80 40CFR 52.21, Subpart A: Compliance Certification

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72 81 40CFR 52.21, Subpart A: Compliance Certification
 73 82 40CFR 52.21, Subpart A: Compliance Certification
 74 83 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1BG,ES=OOGT1

75 84 40CFR 52.21, Subpart A: Compliance Certification
 76 85 40CFR 52.21, Subpart A: Compliance Certification
 76 86 40CFR 52.21, Subpart A: Compliance Certification
 77 87 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1BO,ES=OOGT1

78 88 40CFR 52.21, Subpart A: Compliance Certification
 79 89 40CFR 52.21, Subpart A: Compliance Certification
 80 90 40CFR 52.21, Subpart A: Compliance Certification
 81 91 40CFR 52.21, Subpart A: Compliance Certification

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82 92 40CFR 52.21, Subpart A: Compliance Certification
 82 93 40CFR 52.21, Subpart A: Compliance Certification
 83 94 40CFR 52.21, Subpart A: Compliance Certification
 84 95 40CFR 52.21, Subpart A: Compliance Certification
 84 96 40CFR 52.21, Subpart A: Compliance Certification
 85 97 40CFR 52.21, Subpart A: Compliance Certification
 85 98 40CFR 52.21, Subpart A: Compliance Certification
 86 99 40CFR 52.21, Subpart A: Compliance Certification
 87 100 40CFR 52.21, Subpart A: Compliance Certification
 87 101 40CFR 52.21, Subpart A: Compliance Certification
 88 102 40CFR 52.21, Subpart A: Compliance Certification
 89 103 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1GL,ES=OOGT1

89 104 40CFR 52.21, Subpart A: Compliance Certification
 90 105 40CFR 52.21, Subpart A: Compliance Certification
 91 106 40CFR 52.21, Subpart A: Compliance Certification
 91 107 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1HG

92 108 40CFR 52.21, Subpart A: Compliance Certification
 93 109 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1HG,ES=OOGT1

93 110 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1HO

94 111 40CFR 52.21, Subpart A: Compliance Certification
 95 112 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1HO,ES=OOGT1

96 113 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1LF,ES=OOGT1

97 114 40CFR 52.21, Subpart A: Compliance Certification

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98 115 40CFR 52.21, Subpart A: Compliance Certification
 99 116 40CFR 52.21, Subpart A: Compliance Certification
 100 117 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1LG

101 118 40CFR 52.21, Subpart A: Compliance Certification
 102 119 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1LG,ES=OOGT1

102 120 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1LO

103 121 40CFR 52.21, Subpart A: Compliance Certification
 104 122 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1LO,ES=OOGT1

105 123 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1MG

106 124 40CFR 52.21, Subpart A: Compliance Certification
 107 125 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1MG,ES=OOGT1

108 126 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1MO

108 127 40CFR 52.21, Subpart A: Compliance Certification
 109 128 40CFR 52.21, Subpart A: Compliance Certification

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110 129 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002

111 130 6 NYCRR Subpart 201-6: Compliance Certification
 112 131 6 NYCRR Subpart 201-6: Compliance Certification
 113 132 6 NYCRR Subpart 201-6: Compliance Certification
 113 133 40CFR 52.21, Subpart A: Compliance Certification
 114 134 40CFR 52.21, Subpart A: Compliance Certification
 115 135 40CFR 52.21, Subpart A: Compliance Certification
 115 136 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,Proc=23G

116 137 40CFR 52.21, Subpart A: Compliance Certification
 117 138 40CFR 52.21, Subpart A: Compliance Certification
 118 139 40CFR 52.21, Subpart A: Compliance Certification
 119 140 40CFR 52.21, Subpart A: Compliance Certification
 120 141 40CFR 52.21, Subpart A: Compliance Certification
 121 142 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,Proc=23G,ES=OGT23

121 143 40CFR 52.21, Subpart A: Compliance Certification
 122 144 40CFR 52.21, Subpart A: Compliance Certification
 123 145 40CFR 52.21, Subpart A: Compliance Certification

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- 123 146 40CFR 52.21, Subpart A: Compliance Certification
- EU=U-00002,Proc=23O**
- 124 147 40CFR 52.21, Subpart A: Compliance Certification
- 125 148 40CFR 52.21, Subpart A: Compliance Certification
- 126 149 40CFR 52.21, Subpart A: Compliance Certification
- 127 150 40CFR 52.21, Subpart A: Compliance Certification
- 129 151 40CFR 52.21, Subpart A: Compliance Certification
- 130 152 40CFR 52.21, Subpart A: Compliance Certification
- EU=U-00002,Proc=23O,ES=OGT23**
- 131 153 40CFR 52.21, Subpart A: Compliance Certification
- 132 154 40CFR 52.21, Subpart A: Compliance Certification
- 133 155 40CFR 52.21, Subpart A: Compliance Certification
- 134 156 40CFR 52.21, Subpart A: Compliance Certification
- 135 157 40CFR 52.21, Subpart A: Compliance Certification
- 136 158 40CFR 52.21, Subpart A: Compliance Certification
- EU=U-00002,Proc=2DB**
- 137 159 40CFR 60.44b(a)(4), NSPS Subpart Db: Standard for oxides of nitrogen.
- 137 160 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.
- EU=U-00002,Proc=2DB,ES=ODB23**
- 137 161 40CFR 52.21, Subpart A: Compliance Certification
- 138 162 40CFR 52.21, Subpart A: Compliance Certification
- 139 163 40CFR 52.21, Subpart A: Compliance Certification
- 139 164 40CFR 52.21, Subpart A: Compliance Certification
- 140 165 40CFR 52.21, Subpart A: Compliance Certification
- 141 166 40CFR 52.21, Subpart A: Compliance Certification
- 141 167 40CFR 52.21, Subpart A: Compliance Certification
- 142 168 40CFR 52.21, Subpart A: Compliance Certification
- 143 169 40CFR 52.21, Subpart A: Compliance Certification
- 143 170 40CFR 52.21, Subpart A: Compliance Certification
- 144 171 40CFR 52.21, Subpart A: Compliance Certification
- 144 172 40CFR 52.21, Subpart A: Compliance Certification
- EU=U-00002,Proc=2GB,ES=OGT23**
- 145 173 40CFR 52.21, Subpart A: Compliance Certification
- 146 174 40CFR 52.21, Subpart A: Compliance Certification
- 146 175 40CFR 52.21, Subpart A: Compliance Certification
- 147 176 40CFR 52.21, Subpart A: Compliance Certification
- EU=U-00002,Proc=2GL,ES=OGT23**
- 148 177 40CFR 52.21, Subpart A: Compliance Certification
- 148 178 40CFR 52.21, Subpart A: Compliance Certification
- 149 179 40CFR 52.21, Subpart A: Compliance Certification
- 150 180 40CFR 52.21, Subpart A: Compliance Certification
- EU=U-00002,Proc=2OB,ES=OGT23**
- 150 181 40CFR 52.21, Subpart A: Compliance Certification
- 151 182 40CFR 52.21, Subpart A: Compliance Certification
- 152 183 40CFR 52.21, Subpart A: Compliance Certification

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153 184 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,Proc=2OL,ES=OGT23

154 185 40CFR 52.21, Subpart A: Compliance Certification

155 186 40CFR 52.21, Subpart A: Compliance Certification

156 187 40CFR 52.21, Subpart A: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

159 188 ECL 19-0301: Contaminant List

160 189 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities

161 190 6 NYCRR 201-6.5 (a): CLCPA Applicability

161 191 6 NYCRR 211.1: Air pollution prohibited

161 192 6 NYCRR 242-1.5: Compliance Demonstration

163 193 6 NYCRR Subpart 242-8: Compliance Demonstration

Emission Unit Level

164 194 6 NYCRR 251.3 (b): Compliance Demonstration

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 2/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 02/04/2022 and 02/03/2027

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 02/04/2022 and 02/03/2027

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 02/04/2022 and 02/03/2027

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

Item 3.1:

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

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

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

Condition 4: Records of Monitoring, Sampling, and Measurement

Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

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

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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

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

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

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

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

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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 7/30/2022.

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

Condition 6: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

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;
 - 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.

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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
 NYSDEC Region 4 Headquarters
 1130 North Westcott Road
 Schenectady, NY 12306-2014

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
 Reporting Requirements: ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
 The initial report is due 1/30/2023.
 Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 202-2.1

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

Item 7.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

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

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

Condition 8: Recordkeeping requirements
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:
 (a) The following records shall be maintained for at least five years:

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

Condition 9: Open Fires - Prohibitions
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:
 Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 9.2
 Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

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

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

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 10: Maintenance of Equipment
Effective between the dates of 02/04/2022 and 02/03/2027**

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Applicable Federal Requirement:6 NYCRR 200.7**Item 10.1:**

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

Condition 11: Recycling and Salvage
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 201-1.7**Item 11.1:**

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 201-1.8**Item 12.1:**

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)**Item 13.1:**

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

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)**Item 14.1:**

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all

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required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 15.1:

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

Condition 16: Right to Inspect
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 16.1:

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

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

Condition 17: Required Emissions Tests
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 17.1:

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.

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Condition 18: Accidental release provisions.
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40 CFR Part 68

Item 18.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR 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 19: Recycling and Emissions Reduction
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 82, Subpart F

Item 19.1:

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 20: Emission Unit Definition
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 20.1:

The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00001

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Emission Unit Description:

Emission unit U-00001 consists of a General Electric Frame 7 Quiet Combustor turbine and associated heat recovery steam generator (HRSG) equipped with a duct burner. The turbine may operate on gas, oil, or gas/oil. The duct burner may operate only on gas. The rated heat input for this emission unit is 1161.9 MMBtu/hr. There is one emission point associated with this emission unit. The combustion turbine and HRSG are located outside, therefore no buildings are associated with this emission unit that contain emission points or processes as defined by the application instructions.

Building(s): STGBLDG

Item 20.2:

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

Emission Unit: U-00002

Emission Unit Description:

Emission unit U-00002 consists of 2 General Electric Frame 7 Standard Combustor combustion turbines and associated heat recovery steam generators (HRSGs) each equipped with a duct burner. The turbines may operate on gas, oil or gas/oil. The duct burner may operate only on gas. The rated heat input for each turbine/HRSG combustion unit is 1192.3 MMBtu/hr making the total heat input for the emission unit 2384.6 MMBtu/hr. NO_x emissions from the gas turbines/HRSGs are controlled with selective catalytic reduction. There are two emission points associated with this emission unit. The combustion turbines are located in the gas turbine building and HRSGs are located outside.

Building(s): UTILITYBLG

Item 20.3:

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

Emission Unit: U-00005

Emission Unit Description:

This emission unit consists of a 42,000 gallon ammonium hydroxide storage tank. Ammonium hydroxide is used to reduce NO_x emissions and is injected into the exhaust gas prior to the selective catalytic reduction (SCR) unit. The tank has a vent that is maintained at 1-2 psi pressure to reduce or prevent the release of NH₃ vapors.

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Condition 21: Progress Reports Due Semiannually
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 21.1:

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

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

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

Condition 22: Operational Flexibility
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 22.1:

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

Condition 23: Visible Emissions Limited
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR 211.2

Item 23.1:

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

Condition 24: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

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Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: ULTRA LOW SULFUR DIESEL FUEL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 25: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 25.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- 1) Observe the stack for each emission source which is

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operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of the emission point
- weather conditions
- was a plume observed?

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: FIRING FUELS

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 26.1:

The gas turbines shall fire only natural gas or #2 distillate fuel oil. The duct burner shall fire only natural gas.

Condition 27: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 27.1:

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

Emission Unit: U-00002 Emission Point: 00002

Emission Unit: U-00002 Emission Point: 00003

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

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Alternate fuel use (#2 distillate oil) in each gas turbine is limited to 2190 hours calculated on a daily rolling basis.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 2190 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 28: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 28.1:

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Emission Unit: U-00002

Emission Point: 00002

Emission Unit: U-00002

Emission Point: 00003

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The duct burners of emission points 00002 and 00003 may each operate up to its maximum capacity of 185 MMBtu/hr of heat input based on the lower heating value(LHV) of natural gas.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 185 million Btu per hour

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 29: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 29.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

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:

Selkirk Cogen Partners, L.P. must continuously monitor or calculate the stack volumetric flow rate for the gas turbine/duct burner stacks. The calculated stack volumetric flow rate and the ambient air temperature shall be used to determine and record the mass emission rates corresponding to the CEM measured data.

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Alternately the pollutant mass emission rates may be determined by calculating the pollutant emission rates in lb/MMBTU (in accordance with the conversion procedures in 40 CFR 60, Appendix A, RM-19 and 40 CFR 75, Appendix F) and multiplying by the heat input rate for the gas turbine and duct burner, in MMBTU/hr (determined in accordance with 40 CFR 75, Appendix D)

Monitoring Frequency: CONTINUOUS
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 30.1:
 The Compliance Certification activity will be performed for the facility:
 The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

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

Item 30.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

The duct burners shall fire natural gas only. Records shall be kept at the facility that demonstrate the firing of natural gas only in the duct burners.

Monitoring Frequency: DAILY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

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:

Selkirk Cogen Partners, L.P. shall maintain data and files of all measurements, including CEM System performance evaluations: all CEM systems or monitoring device calibration checks: adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR Part 60 recorded in a secure form suitable for inspection. The data and files shall be retained for at least three years following the date of such measurement, maintenance, reports and records.

Monitoring Frequency: QUARTERLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 32: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 32.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Selkirk Cogen Partners, L.P. (SCP) shall install,

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

calibrate, maintain and operate a continuous monitoring and recording system to measure CO, NOx and NH3 emissions, in units of ppm (by volume, dry, corrected to 15% O2) and lb/hr at the gas turbine/duct burner exhaust stack. These systems shall meet the requirements of 40CFR 60, Appendices B and F or 40 CFR 75, Appendices A & B, as applicable.

Monitoring Frequency: QUARTERLY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 33.1:
 The Compliance Certification activity will be performed for the Facility.

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

Item 33.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

Selkirk Cogen Partners, L.P. must monitor and record the type and amount of fuel burned in the gas turbines and duct burners. Such data must be accurate to within +/- 5%.

Monitoring Frequency: DAILY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 34.1:
 The Compliance Certification activity will be performed for the facility:
 The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within 90 days of NYSDEC and USEPA approval of the CEM Certification Performance Test, Selkirk Cogen Partners, L.P. shall submit a CEM System Quality Assurance Plan to NYSDEC and USEPA. This plan is subject to NYSDEC and USEPA approval.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 35: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 35.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Selkirk Cogen Partners, L.P. shall submit a quarterly written CEM report to the DEC for every calendar year quarter. All quarterly reports shall be post marked by the 30th day following the end of each calendar quarter and shall include:

- 1) A summary of excess emissions and CEM system downtime reported in the format of 40 CFR 60.7(d) Figure 1 (or equivalent).
- 2) The results of the quarterly monitoring performance audit, reported in the format of 40 CFR 60 Appendix F (or equivalent).
- 3) Excess emissions shall be identified as any one hour block period

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Facility DEC ID: 4012200078

during which the average emissions, as measured by the CEM system, exceed any of the steady-state limits for NO_x & CO emissions from U-00001 or NO_x, CO & NH₃ emissions from U-00002, in units of ppm (by volume, dry, corrected to 15% O₂) and lb/hr.

Monitoring Frequency: QUARTERLY
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 36: Applicability of Subpart A General Provisions
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 36.1:

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

Condition 37: EPA Region 2 address.
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 37.1:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
 USEPA Region 2
 290 Broadway, 21st Floor
 New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

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

Condition 38: Modification Notification
Effective between the dates of 02/04/2022 and 02/03/2027

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 38.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 38.2:

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

Condition 39: Recordkeeping requirements.

Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 39.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 39.2:

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 40: Performance testing timeline.

Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 40.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 40.2:

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

Condition 41: Performance test methods.
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 41.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 41.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

Condition 42: Required performance test information.
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 42.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 42.2:

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

Condition 43: Prior notice.
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 43.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 43.2:

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

Condition 44: Performance testing facilities.
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 44.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 44.2:

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

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

Condition 45: Number of required tests.
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 45.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 45.2:

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

Condition 46: Availability of information.
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 46.1:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 46.2:

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

Condition 47: Circumvention.

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 47.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 47.2:

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

Condition 48: Monitoring requirements.

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 48.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 48.2:

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

Condition 49: Modifications.

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 49.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 49.2:

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

Condition 50: Reconstruction

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 50.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 50.2:

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

- 1) a notice of intent to reconstruct 60 days (or as soon as practicable) prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 51: CEMS

Effective between the dates of 02/04/2022 and 02/03/2027

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 51.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 51.2:

The owner or operator of any stationary gas turbine that commenced construction, reconstruction or modification after October 3, 1977, but before July 8, 2004, and which uses water or steam injection to control NOX emissions may, as an alternative to operating the continuous monitoring system described in paragraph (a) of this section, install, certify, maintain, operate, and quality-assure a continuous emission monitoring system (CEMS) consisting of NOX and O2 monitors. As an alternative, a CO2 monitor may be used to adjust the measured NOX concentrations to 15 percent O2 by either converting the CO2 hourly averages to equivalent O2 concentrations using Equation F-14a or F-14b in appendix F to 40 CFR Part 75 and making the adjustments to 15 percent O2, or by using the CO2 readings directly to make the adjustments, as described in Method 20. If the option to use a CEMS is chosen, the CEMS shall be installed, certified, maintained and operated as specified in 40 CFR 60.334(b)(1), (2) and (3).

Condition 52: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 52.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

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

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary gas turbine subject to 40 CFR 60, Subpart GG shall:

(1) Determine the total sulfur content of the fuel being fired in the turbine using the total sulfur methods described in 40 CFR 60.334(h)(1) and 60.335(b)(10). The frequency of determining the sulfur content of the fuel shall be as specified in 40 CFR 60.334(i):

(a) For fuel oil, use the sampling frequency specified in sections 2.2.3, 2.2.4.1, 2.2.4.2 or 2.2.4.3 of Appendix D

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Facility DEC ID: 4012200078

to 40 CFR Part 75(i.e. flow proportional sampling, daily sampling, sampling from the unit’s storage tank after each addition of fuel, or sampling each delivery prior to combining it with the fuel oil already in the storage tank).

- (b) For gaseous fuels, the sulfur content shall be determined:
 - (i) once per unit operating day,
 - (ii) in accordance with one of the custom schedules in 40 CFR 60.334(i)(3)(i) & (ii), or
 - (iii) in accordance with a facility-specific custom fuel monitoring schedule approved by the Administrator.

Monitoring of the sulfur content of gaseous fuels is not required if the owner or operator demonstrates, in accordance with 40 CFR 60.334(h)(3), that the fuel meets the definition of “natural gas” in 40 CFR 60.331(u).

- (2) Determine the nitrogen content of the fuel combusted in the turbine using the methods described in 40 CFR 60.335(b)(9), or an approved alternative. The frequency of determining the nitrogen content of the fuel shall be as specified in 40 CFR 60.334(i):

- (i) once per unit operating day, or
- (ii) in accordance with a facility-specific, custom monitoring schedule approved by the Administrator.

Monitoring of the nitrogen content of the fuel is not required if the owner or operator does not claim and allowance for fuel bound nitrogen when determining compliance with the NO_x standard (i.e. if a F-value of zero is used by the owner or operator to calculate STD in 40 CFR 30.332)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 53: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 53.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Emission Unit: U-00001

Emission Unit: U-00002

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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 7/30/2022.

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

Condition 54: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 54.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 54.2:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each affected unit required to continuously monitor parameters or emissions, or to periodically determine the fuel sulfur content or fuel nitrogen content under this subpart, the owner or operator shall submit reports of excess emissions and monitor downtime, in accordance with §60.7(c). Excess emissions shall be reported for all periods of unit operation, including start-up, shutdown and malfunction. For the purpose of reports required under §60.7(c), periods of excess emissions and monitor downtime that shall be reported are defined in 40 CFR 60 Subpart GG-334(j)(1) - (5).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 55: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

Item 55.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.413 through 97.418 of Subpart AAAAA. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.
- (2) The facility, and the designated representative, of each TR NOX Annual source (facility) and each TR NOx Annual Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.430 through 97.435 of Subpart AAAAA and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and

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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 NO_x Annual allowances and to determine compliance with the TR NO_x 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 NO_x Annual facility and each TR NO_x Annual Unit at the facility shall hold, in the facilities compliance account, TR NO_x Annual allowances available for deduction for such control period under §97.424(a) in an amount not less than the tons of total NO_x emissions for such control period from all TR NO_x Annual Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 56: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 97.606, Subpart CCCCC

Item 56.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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(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 57: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 97.1006, Subpart GGGGG

Item 57.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to

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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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 58: Emission Point Definition By Emission Unit
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

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Item 58.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 200

Diameter (in.): 180

NYTMN (km.): 4714.21

NYTME (km.): 593.661

Item 58.2:

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 200

Diameter (in.): 180

NYTMN (km.): 4714.349

NYTME (km.): 593.547

Emission Point: 00003

Height (ft.): 200

Diameter (in.): 180

NYTMN (km.): 4714.349

NYTME (km.): 593.548

Item 58.3:

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

Emission Unit: U-00005

Emission Point: 00005

Height (ft.): 20

Diameter (in.): 6

NYTMN (km.): 4714.211

NYTME (km.): 593.647

Condition 59: Process Definition By Emission Unit

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 59.1:

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

Emission Unit: U-00001

Process: 1AG

Source Classification Code: 2-01-002-01

Process Description:

Phase 1 GE Frame 7 combustion Turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at any load. NOx emissions are controlled with steam injection.

Emission Source/Control: OODB1 - Combustion

Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Design Capacity: 957.3 million Btu per hour

Item 59.2:

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

Emission Unit: U-00001

Process: 1AO

Source Classification Code: 2-01-001-01

Process Description:

Phase 1 GE Frame 7 combustion turbine firing oil with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating at any load. NOx emissions are controlled with steam injection.

Note: This process is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: OODB1 - Combustion

Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion

Design Capacity: 957.3 million Btu per hour

Item 59.3:

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

Emission Unit: U-00001

Process: 1BG

Source Classification Code: 2-01-002-01

Process Description:

Phase 1 GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at baseload.

Emission Source/Control: OODB1 - Combustion

Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion

Design Capacity: 957.3 million Btu per hour

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Item 59.4:

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

Emission Unit: U-00001

Process: 1BO

Source Classification Code: 2-01-001-01

Process Description:

Phase 1 GE Frame 7 combustion turbine firing oil with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating at baseload.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: OODB1 - Combustion

Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion

Design Capacity: 957.3 million Btu per hour

Item 59.5:

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

Emission Unit: U-00001

Process: 1DB

Source Classification Code: 1-01-006-01

Process Description: Phase 1, unit 1, duct burner firing natural gas.

Emission Source/Control: OODB1 - Combustion

Design Capacity: 204.6 million Btu per hour

Item 59.6:

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

Emission Unit: U-00001

Process: 1GL

Source Classification Code: 2-01-002-01

Process Description:

Phase 1 GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner

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also firing natural gas and with the gas turbine operating at base low flow.

Emission Source/Control: OODB1 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion
 Design Capacity: 957.3 million Btu per hour

Item 59.7:

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

Emission Unit: U-00001
 Process: 1HG Source Classification Code: 2-01-002-01
 Process Description:
 GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at or above base low flow. NOx emissions are controlled with steam injection.

Emission Source/Control: OODB1 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion
 Design Capacity: 957.3 million Btu per hour

Item 59.8:

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

Emission Unit: U-00001
 Process: 1HO Source Classification Code: 2-01-001-01
 Process Description:
 GE Frame 7 combustion turbine firing distillate oil or oil/gas with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating at or above base low flow. NOx emissions are controlled with steam injection.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire its combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and

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reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: OODB1 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion
 Design Capacity: 957.3 million Btu per hour

Item 59.9:

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

Emission Unit: U-00001

Process: 1LF

Source Classification Code: 2-01-001-01

Process Description:

Phase 1 GE Frame 7 combustion turbine firing oil with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating at base low flow.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: OODB1 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion
 Design Capacity: 957.3 million Btu per hour

Item 59.10:

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

Emission Unit: U-00001

Process: 1LG

Source Classification Code: 2-01-002-01

Process Description:

GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine operating below the less of 784 MMBtu/hr and base low flow. NOx

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emissions are controlled with steam injection.

Emission Source/Control: OODB1 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion
 Design Capacity: 957.3 million Btu per hour

Item 59.11:

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

Emission Unit: U-00001

Process: ILO

Source Classification Code: 2-01-001-01

Process Description:

GE Frame 7 combustion turbine firing distillate oil or oil/gas with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating below the lesser of 784 MMBtu/hr and base low flow. NOx emissions from the gas turbine are controlled with steam injection.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: OODB1 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion
 Design Capacity: 957.3 million Btu per hour

Item 59.12:

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

Emission Unit: U-00001

Process: IMG

Source Classification Code: 2-01-001-01

Process Description:

GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating between 784

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mmBTU/hr and base low flow. NOx emissions from the gas turbine are controlled with steam injection.

Emission Source/Control: OODB1 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion
 Design Capacity: 957.3 million Btu per hour

Item 59.13:

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

Emission Unit: U-00001

Process: 1MO

Source Classification Code: 2-01-002-01

Process Description:

GE Frame 7 combustion turbine firing distillate oil/gas with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating between 784 mmBTU/hr and base low flow. NOx emissions are controlled with steam injection.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: OODB1 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion
 Design Capacity: 957.3 million Btu per hour

Item 59.14:

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

Emission Unit: U-00002

Process: 23G

Source Classification Code: 2-01-002-01

Process Description:

One or two GE Frame 7 combustion turbines firing natural gas with or without the supplemental firing of one or two

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duct burners firing gas with the gas turbines operating at any load. NOx emissions are controlled with steam injection and selective catalytic reduction.

The Design Capacities in this Process Description are for a single combustion turbine and duct burner.

Emission Source/Control: ODB23 - Combustion
Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OGT23 - Combustion
Design Capacity: 987.7 million Btu per hour

Emission Source/Control: SCR23 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 59.15:

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

Emission Unit: U-00002

Process: 23O

Source Classification Code: 2-01-001-01

Process Description:

One or two GE Frame 7 combustion turbines firing distillate oil or oil/gas with or without the supplemental firing of one or two duct burners firing natural gas with the gas turbine operating at any load. NOx emissions are controlled with steam injection and selective catalytic reduction.

The Design Capacities in this Process Description are for a single combustion turbine and duct burner.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire its combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: ODB23 - Combustion
Design Capacity: 204.6 million Btu per hour

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Emission Source/Control: OGT23 - Combustion
Design Capacity: 987.7 million Btu per hour

Emission Source/Control: SCR23 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 59.16:

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

Emission Unit: U-00002
Process: 2DB Source Classification Code: 1-01-006-01
Process Description:
Phase 2, units 2 or 3, duct burner firing natural gas.

Emission Source/Control: ODB23 - Combustion
Design Capacity: 204.6 million Btu per hour

Item 59.17:

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

Emission Unit: U-00002
Process: 2GB Source Classification Code: 2-01-002-01
Process Description:
Phase 2 GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at baseload.

Emission Source/Control: ODB23 - Combustion
Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OGT23 - Combustion
Design Capacity: 987.7 million Btu per hour

Emission Source/Control: SCR23 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 59.18:

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

Emission Unit: U-00002
Process: 2GL Source Classification Code: 2-01-002-01
Process Description:
Phase 2 GE Frame combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at base low flow.

Emission Source/Control: ODB23 - Combustion
Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OGT23 - Combustion

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Facility DEC ID: 4012200078

Design Capacity: 987.7 million Btu per hour

Emission Source/Control: SCR23 - Control
 Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 59.19:

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

Emission Unit: U-00002
 Process: 2OB Source Classification Code: 2-01-002-01
 Process Description:

Phase 2 GE Frame combustion turbine firing oil with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine unit operating at baseload.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: ODB23 - Combustion
 Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OGT23 - Combustion
 Design Capacity: 987.7 million Btu per hour

Emission Source/Control: SCR23 - Control
 Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 59.20:

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

Emission Unit: U-00002
 Process: 2OL Source Classification Code: 2-01-002-01
 Process Description:

Phase 2 GE Frame combustion turbine firing oil with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine unit operating at base low flow.

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Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Emission Source/Control: ODB23 - Combustion
Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OGT23 - Combustion
Design Capacity: 987.7 million Btu per hour

Emission Source/Control: SCR23 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 59.21:

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

Emission Unit: U-00005
Process: TNK Source Classification Code: 2-01-002-01
Process Description:

This unit is a 42,000 gallon tank used to store ammonium hydroxide solution. The maximum amount of ammonium hydroxide stored is 37,800 gallons. Ammonium hydroxide is used to control nitrogen oxides in the gas turbine selective catalytic reduction control systems. The tank relief vent is maintained at 1-2 psi to reduce or prevent the release of ammonia vapors.

Emission Source/Control: OOTK1 - Process
Design Capacity: 42 1000 gallons

Condition 60: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 60.1:

The Compliance Certification activity will be performed for:

Permit ID: 4-0122-00078/00013

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Emission Unit: U-00001

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:

The facility shall install, calibrate, maintain, and operate a continuous emissions monitor for nitrogen oxides (NOx) and shall limit the emissions of NOx during periods of start-up, malfunction and shutdown to no more than 60 pounds for the entire event (not to exceed 3 hour per event) while firing natural gas.

Emissions in excess of this limit shall be reported through the facility's excess emissions report. All records shall be maintained by the facility for a minimum of five years.

Manufacturer Name/Model Number: Thermo Electronics 42

Upper Permit Limit: 60 pounds per event

Reference Test Method: Appx. B and F

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 61: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The facility shall install, calibrate, maintain, and operate a continuous emissions monitor for carbon monoxide

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(CO) and shall limit the emissions of CO during periods of start-up, malfunction and shutdown to no more than 250 pounds for the entire event (not to exceed 3 hour per event) while firing natural gas.

Emissions in excess of this limit shall be reported through the facility's excess emissions report. All records shall be maintained by the facility for a minimum of five years.

Manufacturer Name/Model Number: Thermo Electronics 48C
Upper Permit Limit: 250 pounds per event
Reference Test Method: Appx. B and F
Monitoring Frequency: CONTINUOUS
Averaging Method: 3-HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 62: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 6 NYCRR Subpart 227-2

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

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

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

SCP will limit annual NO_x emissions to 400 tons/yr from the Phase 1 emission units including the combustion turbine and duct burner. This limit will satisfy the 6 NYCRR Part 227 Reasonably Available Control Technology (RACT) requirements.

SCP will submit to the Department a annual RACT NO_x Capping Report on a 12 month rolling average basis.

Manufacturer Name/Model Number: TECO 48C
Upper Permit Limit: 400 tons per year
Reference Test Method: RM-20
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 63: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 63.1:
 The Compliance Certification activity will be performed for:

Emission Unit: U-00001

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

Item 63.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:
 Alternate fuel use (#2 distillate oil) in each gas turbine is limited to 2190 hours calculated on a daily rolling basis.

Work Practice Type: HOURS PER YEAR OPERATION
 Upper Permit Limit: 2190 hours
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: ANNUAL TOTAL ROLLED DAILY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 64: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 64.1:
 The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):
 CAS No: 000630-08-0 CARBON MONOXIDE
 CAS No: 0NY075-00-0 PARTICULATES
 CAS No: 0NY075-00-5 PM-10
 CAS No: 0NY998-00-0 VOC
 CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The concentration (ppmvd), mass (lb) and rate (lb/MMBtu) based emission limits for these regulated contaminants apply to all loads of operation, except where noted and except during periods of necessary scheduled equipment maintenance (including on-line turbine compressor washing, not to exceed 30 minutes per occurrence), startup, malfunctions (as stated in the paragraph of subdivision 6 NYCRR Part 201-1.4(e)), and shutdown, (not to exceed three hours per occurrence).

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 7/30/2022.

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

Condition 65: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 75.10(a), Subpart B

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall measure opacity and all SO₂, NO_x, and CO₂ emissions for each affected unit as follows:(1) The owner or operator shall install, certify, operate, and maintain, in accordance with all the requirements of this part, a SO₂ CEMS and a flow monitoring system with the automated data acquisition

and handling system for measuring and recording SO₂ concentration (in ppm), volumetric gas flow (in scfh), and SO₂ mass emissions (in lb/hr)discharged to the atmosphere, except as provided in §§75.11 and 75.16 and subpart E of this part. Alternately, the owner or

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operator of a gas-fired or oil-fired unit may estimate SO₂ mass emissions using the applicable procedures specified in Appendix D to 40 CFR Part 75;

(2) The owner or operator shall install, certify, operate, and maintain, in accordance with all the requirements of this part, a NO_x CEMS (consisting of a NO_x pollutant concentration monitor and an O₂ or CO₂ diluent gas monitor) with the automated data acquisition and handling system for measuring and recording NO_x concentration (in ppm), O₂ or CO₂ concentration (in percent O₂ or CO₂) and NO_x emission

rate (in lb/mmBtu) discharged to the atmosphere. The owner or operator shall account for total NO_x emissions, both NO and NO₂, either by monitoring for both NO and NO₂ or by monitoring for NO only and adjusting the emissions data to account for NO₂; (3) The owner or operator shall install, certify, operate, and maintain, in accordance with all the requirements of this part, a CO₂ CEMS and a flow monitoring system with the automated data acquisition and handling system for measuring and recording CO₂ concentration (in ppm or percent), volumetric gas flow (in scfh), and CO₂ mass emissions (in tons/hr) discharged to the atmosphere. Alternately, the owner or operator may estimate CO₂ mass emissions using the applicable procedures specified in Appendix G to 40 CFR Part 75;

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 7/30/2022.

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

Condition 66: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 75.10(d), Subpart B

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Primary equipment hourly operating requirements. The owner or operator shall ensure that all continuous emission and

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opacity monitoring systems required by this part are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in §75.11(d) & (e) and during periods of calibration, quality assurance, or preventive maintenance, performed pursuant to §75.21 and appendix B of this part, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to §75.20. The owner or operator shall also ensure, subject to the exceptions above in this paragraph, that all continuous opacity monitoring systems required by this part are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan operation is not required to be included under any other applicable Federal, State, or local regulation, or permit. The owner or operator shall ensure that the following requirements are met:

(1) The owner or operator shall ensure that each CEMS and component thereof is capable of completing a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-min interval. The owner or operator shall reduce all SO₂ concentrations, volumetric flow, SO₂ mass emissions, SO₂ emission rate in lb/mmBtu (if applicable), CO₂ concentration, O₂ concentration, CO₂ mass emissions (if applicable), NO_x concentration, and NO_x emission rate data collected by the monitors to hourly averages. Hourly averages shall be computed using at least one data point in each fifteen minute quadrant of an hour, where the unit combusted fuel during that quadrant of an hour. Notwithstanding this requirement, an hourly average may be computed from at least two data points separated by a

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minimum of 15 minutes (where the unit operates for more than one quadrant of an hour) if data are unavailable as a result of the performance of calibration, quality assurance, or preventive maintenance activities pursuant to §75.21 and appendix B of this part, backups of data from the data acquisition and handling system, or recertification, pursuant to §75.20. The owner or operator shall use all valid measurements or data points collected during an hour to calculate the hourly averages. All data points collected during an hour shall be,

to the extent practicable, evenly spaced over the hour.
(2) The owner or operator shall ensure that each continuous opacity monitoring system is capable of completing a minimum of one cycle of sampling and analyzing for each successive 10-sec period and one cycle of data recording for each successive 6-min period. The owner or operator shall reduce all opacity data to 6-min averages calculated in accordance with the provisions of part 51, appendix M of this chapter, except where the applicable State implementation plan or operating permit requires a different averaging period, in which case the State requirement shall satisfy this Acid Rain Program requirement.

(3) Failure of an SO₂, CO₂ or O₂ pollutant concentration monitor, flow monitor, or NO_x CEMS, to acquire the minimum number of data points for calculation of an hourly average in paragraph (d)(1) of this section, shall result in the failure to obtain a valid hour of data and the loss of such component data for the entire hour. An hourly average NO_x or SO₂ emission rate in lb/mmBtu is valid only if the minimum number of data points are acquired by both the pollutant concentration monitor (NO_x or SO₂) and the diluent monitor

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(CO₂ or O₂). Except for SO₂ emission rate data in lb/mmBtu, if a valid hour of data is not obtained, the owner or operator shall estimate and record emission or flow data for the missing hour by means of the automated data acquisition and handling system, in accordance with the applicable procedure for missing data substitution in subpart D of his part. Per 40 CFR 75.14(c) and (d), the owner or operator of an affected unit that meets the definition of a “gas-fired unit” or “diesel-fired unit” in 40 CFR 72.2 is exempt from the opacity monitoring requirements of this part.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

**Condition 67: Standard for oxides of nitrogen.
Effective between the dates of 02/04/2022 and 02/03/2027**

Applicable Federal Requirement:40CFR 60.44b(a)(4), NSPS Subpart Db

Item 67.1:

This Condition applies to Emission Unit: U-00001
Process: 1DB

Item 67.2:

Oxides of nitrogen emissions while firing natural gas and/or distillate oil in a duct burner (used in a combined cycle system) shall not exceed 0.20 lb/mmBtu.

**Condition 68: Recordkeeping and reporting requirements.
Effective between the dates of 02/04/2022 and 02/03/2027**

Applicable Federal Requirement:40CFR 60.49b, NSPS Subpart Db

Item 68.1:

This Condition applies to Emission Unit: U-00001
Process: 1DB

Item 68.2:

Permit ID: 4-0122-00078/00013

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This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

Condition 69: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

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

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Operation of the gas turbine below 784 mmBTU/hr shall not exceed 3,650 hours per year on a daily rolling basis, exclusive of periods during startup, malfunctions and shutdowns (not to exceed 3 hrs per occurrence) unless and until such time SCP notifies the Department in writing of its intent to install a CO oxidation catalyst. As such, within one month of notification, SCP shall submit to the Department any necessary permit application for the installation of a catalyst. Said catalyst shall be installed and have commenced operation within 11 months of receipt of all necessary Department approvals.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 3,650. hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 70: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The duct burner may operate up to its maximum capacity of 185 MMBtu/hr of heat input based on the lower heating value (LHV) of natural gas.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 185 million Btu per hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 71: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

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

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Natural gas firing in the Unit U00001 duct burner is limited to 1,176 MMCF per year, calculated on a daily rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 1176 million cubic feet per year

Monitoring Frequency: DAILY

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Averaging Method: ANNUAL TOTAL ROLLED DAILY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 72: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

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

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The gas turbines may operate below base low flow load.
 Base low flow for emission point # 00001 corresponds to
 73.33 MW (gas firing @ 59 degrees F). Figures 3a, 3b, and
 3c which are attached to this permit correlate this
 parameter to the current ambient temperature and fuel.
 The Department may request operational records for this
 parameter.

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 7/30/2022.

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

Condition 73: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

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

Item 73.2:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual distillate oil use in Unit U00001 shall not exceed 16.2 million gallons per year calculated on a daily rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 16,200,000 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 74: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: IAG

Regulated Contaminant(s):

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

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 1b to correlate the limit to the current temperature and gas turbine fuel. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO Model 42C

Upper Permit Limit: 109.5 pounds per hour

Reference Test Method: 40 CFR Appendix B, F

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 75: Compliance Certification
 Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1AG

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

Item 75.2:

Compliance Certification shall include the following monitoring:

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

The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO Model 42C
 Upper Permit Limit: 25.0 parts per million by volume
 (dry, corrected to 15% O2)
 Reference Test Method: 40 CFR Appendix B,F
 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 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 76: Compliance Certification
 Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1AG Emission Source: OOGT1

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Upper Permit Limit: 2.2 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 77: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1AG

Emission Source: OOGT1

Regulated Contaminant(s):

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

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 25.0 parts per million by volume

(dry, corrected to 15% O2)

Reference Test Method: 40 CFR Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 78: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1AG Emission Source: OOGT1

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

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Upper Permit Limit: 1.55 parts per million by volume
 (dry, corrected to 15% O2)

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 79: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1AO

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f)(1) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. The emission limit is a discrete one hour average based on the higher heating value of the fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack. The upper permit limit is based on a turbine limit of 42 ppm plus FBN with a total not to exceed limit of 62 ppm. Revise upper limit ppm as per NOx RACT with a not to exceed limit of 62.0 ppm.

Manufacturer Name/Model Number: TECO Model 42C

Upper Permit Limit: 42.0 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 80: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1AO

Regulated Contaminant(s):

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f)(1) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 1b to correlate the limit to the current temperature and gas turbine fuel. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO Model 42C

Upper Permit Limit: 253.2 pounds per hour

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 81: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1AO

Emission Source: OOGT1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f)(1) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Upper Permit Limit: 5.5 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 82: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1AO

Emission Source: OOGT1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

operational flexibility as defined by NYCRR Part 201-6.4(f)(1) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Upper Permit Limit: 3.7 parts per million by volume
 (dry, corrected to 15% O₂)

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 83: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1AO

Emission Source: OOGT1

Regulated Contaminant(s):

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

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f)(1) - Alternate Operating Scenarios.

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The upper permit limit is based on a turbine limit of 42 ppm plus FBN with a total not to exceed limit of 62 ppm.

Upper Permit Limit: 62.0 parts per million by volume
 (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 84: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1BG

Emission Source: OOGT1

Regulated Contaminant(s):

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

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Parameter Monitored: PM-10
 Upper Permit Limit: 0.0040 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 85: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 85.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1BG | Emission Source: OOGT1 |

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

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Parameter Monitored: PM-10
 Upper Permit Limit: 3.5 pounds per hour
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 86: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 86.1:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1BG Emission Source: OOGT1

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

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0040 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 87: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1BG Emission Source: OOGT1

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

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Parameter Monitored: PARTICULATES
 Upper Permit Limit: 3.5 pounds per hour
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 88: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 88.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1B0 | Emission Source: OOGT1 |

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

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f)- Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Upper Permit Limit: 34.0 pounds per hour
Reference Test Method: EPA Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 89: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 1BO Emission Source: OOGT1

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

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f)- Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Upper Permit Limit: 34.0 pounds per hour
 Reference Test Method: RM 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 90: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 90.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1BO | Emission Source: OOGT1 |

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

Item 90.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Upper Permit Limit: 0.040 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 91: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 91.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1BO | Emission Source: OOGT1 |

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

Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F.

Upper Permit Limit: 0.040 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 92: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 92.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1DB | Emission Source: OODB1 |

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

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.091 pounds per million Btus
 Reference Test Method: EPA Method 7
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 93: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 93.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1DB | Emission Source: OODB1 |

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.072 pounds per million Btus

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 94: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1DB

Emission Source: OODB1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (10-25% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.120 pounds per million Btus

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Condition 95: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 95.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1DB | Emission Source: OODB1 |

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

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:

Compliance with the duct burner (100% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.0235 pounds per million Btus
 Reference Test Method: EPA Method 25
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 96: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 96.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1DB | Emission Source: OODB1 |

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

Item 96.2:

Compliance Certification shall include the following monitoring:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 2.8 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 97: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1DB

Emission Source: OODB1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (10-25% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.046 pounds per million Btus

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 98: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 98.1:

The Compliance Certification activity will be performed for:

| | |
|---------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1DB | Emission Source: OODB1 |
| Regulated Contaminant(s): | |
| CAS No: 000630-08-0 | CARBON MONOXIDE |

Item 98.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (25-50% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.080 pounds per million Btus
 Reference Test Method: EPA Method 10
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 99: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 99.1:

The Compliance Certification activity will be performed for:

| | |
|---------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1DB | Emission Source: OODB1 |
| Regulated Contaminant(s): | |
| CAS No: 0NY998-00-0 | VOC |

Item 99.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (25-50% load) emission limit shall be demonstrated during a performance test

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.031 pounds per million Btus
 Reference Test Method: EPA Method 25
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 100: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 100.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1DB | Emission Source: OODB1 |

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

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.014 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 101: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 101.1:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1DB Emission Source: OODB1

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

Item 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 4.81 pounds per hour
 Reference Test Method: EPA Method 25
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 102: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1DB Emission Source: OODB1

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

Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Upper Permit Limit: 2.8 pounds per hour
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 103: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 103.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1DB | Emission Source: OODB1 |

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

Item 103.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.014 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 104: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 104.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1GL | Emission Source: OOGT1 |

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the particulate emission limit shall be demonstrated during a performance test performed during the term of the permit. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 0.0046 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 105: Compliance Certification
 Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 105.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1GL Emission Source: OOGT1

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

Item 105.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the particulate emission limit shall be demonstrated during a performance test performed during the term of the permit. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 0.0046 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 106: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 106.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 1GL Emission Source: OOGT1

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

Item 106.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 3.5 pounds per hour
Reference Test Method: EPA Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 107: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 107.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 1GL Emission Source: OOGT1

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

Item 107.2:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 3.5 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 108: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 108.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: 1HG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 108.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F, with the gas turbine at baseload and the duct burner on or off. Use figure 2b.1 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 27.2 parts per million by volume
 (dry, corrected to 15% O2)

Reference Test Method: 40 CFR Appendix B, F

Monitoring Frequency: CONTINUOUS

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 109: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1HG

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

Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F, with the gas turbine at baseload and the duct burner on or off. Use figure 2b.2 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C
 Upper Permit Limit: 72.5 pounds per hour
 Reference Test Method: 40 CFR Appendix B, F
 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 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 110: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 110.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1HG Emission Source: OOGT1

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2a.1 to correlate the concentration limits to the current temperature for the turbine firing natural gas and distillate oil. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 25.0 parts per million by volume
 (dry, corrected to 15% O2)

Reference Test Method: 40 CFR Appendix B, F

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 111: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 111.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1HO

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

Item 111.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational

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Facility DEC ID: 4012200078

flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2c.2 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C
 Upper Permit Limit: 72.5 pounds per hour
 Reference Test Method: 40 CFR Appendix B, F
 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 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 112: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 112.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1HO

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

Item 112.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's

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alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2c.1 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C
 Upper Permit Limit: 27.2 parts per million by volume
 (dry, corrected to 15% O2)
 Reference Test Method: 40 CFR Appendix B, F
 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 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 113: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 113.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1HO | Emission Source: OOGT1 |

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

Item 113.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. the emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2a.1 to correlate the concentration limits to the current temperature for the turbine firing natural gas and distillate oil. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 25.0 parts per million by volume
 (dry, corrected to 15% O2)
 Reference Test Method: 40 CFR Appendix B, F
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 114: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 114.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1LF | Emission Source: OOGT1 |

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

Item 114.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine low flow emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Upper Permit Limit: 0.046 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 115: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 115.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1LF | Emission Source: OOGT1 |

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

Item 115.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine low flow emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Upper Permit Limit: 0.046 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 116: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 116.1:

The Compliance Certification activity will be performed for:

| | |
|------------------------|------------------------|
| Emission Unit: U-00001 | Emission Point: 00001 |
| Process: 1LF | Emission Source: OOGT1 |

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

Item 116.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine low flow emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figures 3a, 3b,

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Upper Permit Limit: 34.0 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 117: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 117.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1LF

Emission Source: OOGT1

Regulated Contaminant(s):

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

Item 117.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine low flow emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figures 3a, 3b,

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f). Operational flexibility in this instance, ensures that the SCP can provide reliable power during times when natural gas is commercially unavailable by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time in the permit term. At such time that the combustion turbines are fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Upper Permit Limit: 34.0 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 118: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 118.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: ILG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2d.2 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 270.0 parts per million by volume

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

(dry, corrected to 15% O2)
 Reference Test Method: 40 CFR Appendix B, F
 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 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 119: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 119.1:

The Compliance Certification activity will be performed for:

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

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

Item 119.2:

Compliance Certification shall include the following monitoring:

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

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2b.2 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C
 Upper Permit Limit: 494.0 pounds per hour
 Reference Test Method: 40 CFR Appendix B, F
 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 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 120: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 120.1:

The Compliance Certification activity will be performed for:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Emission Unit: U-00001
Process: 1LG

Emission Point: 00001
Emission Source: OOGT1

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

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2a.1 to correlate the concentration limits to the current temperature for the turbine firing natural gas and distillate oil. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 270 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: 40 CFR Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 121: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 1LO

Emission Point: 00001

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

Item 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2c.2 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 520 pounds per hour

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 122: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 122.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1LO

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 122.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2c.1 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 270.0 parts per million by volume
 (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 123: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 123.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: ILO

Emission Source: OOGT1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit.

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2a.1 to correlate the concentration limits to the current temperature for the turbine firing natural gas and distillate oil. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 270.0 parts per million by volume
 (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 124: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 124.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
 Process: 1MG

Emission Point: 00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission limit is a discrete one hour average based

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Facility DEC ID: 4012200078

on the higher heating value. The emission limit corresponds to an ambient temperature of 59 degrees F. Use Figure 2b.2 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C
Upper Permit Limit: 76.0 pounds per hour
Reference Test Method: 40 CFR Appendix B, F
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 4/30/2022.
Subsequent reports are due every 3 calendar month(s).

Condition 125: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 125.1:

The Compliance Certification activity will be performed for:

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

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

Item 125.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission limit is a discrete one hour average based on the higher heating value. The emission limit corresponds to an ambient temperature of 59 degrees F. Use Figure 2b.1 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C
Upper Permit Limit: 30.0 parts per million by volume
(dry, corrected to 15% O₂)
Reference Test Method: 40 CFR Appendix B, F
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 4/30/2022.
Subsequent reports are due every 3 calendar month(s).

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Facility DEC ID: 4012200078

Condition 126: Compliance Certification
 Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 126.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1MG Emission Source: OOGT1

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

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. the emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2a.1 to correlate the concentration limits to the current temperature for the turbine firing natural gas and distillate oil. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 30 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: 40 CFR Appendix B, F

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 127: Compliance Certification
 Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: 1MO

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

Item 127.2:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

The emission limit is a discrete one hour average based on the higher heating value. The emission limit corresponds to an ambient temperature of 59 degrees F. Use Figure 2c.2 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 78.0 pounds per hour

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 128: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: IMO

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 128.2:

Compliance Certification shall include the following monitoring:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

The emission limit is a discrete one hour average based on the higher heating value. The emission limit corresponds to an ambient temperature of 59 degrees F. Use Figure 2c.1 to correlate the limit to the current temperature. A CEMS monitors emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 30.0 parts per million by volume
 (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 129: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 129.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: IMO

Emission Source: OOGT1

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 129.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 59 degrees F. Use figure 2a.1 to correlate the concentration limits to the current temperature for the turbine firing natural gas and distillate oil. Use figures 3a, 3b, and 3c to correlate Base Low Flow Load in MW's to the current temperature, for the respective turbine fuel.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR Appendix B, F

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 130: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 130.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 130.2:

Compliance Certification shall include the following monitoring:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The facility shall install, calibrate, maintain, and operate a continuous emissions monitor for nitrogen oxides (NOx) and shall limit the emissions of NOx during periods of start-up, malfunction and shutdown to no more than 80 pounds for the entire event (not to exceed 3 hour per event) while firing natural gas.

Emissions in excess of this limit shall be reported through the facility's excess emissions report. All records shall be maintained by the facility for a minimum of five years.

Manufacturer Name/Model Number: Thermo Electronics 42

Upper Permit Limit: 80 pounds per event

Reference Test Method: Appx. B and F

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 131: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 131.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The facility shall install, calibrate, maintain, and operate a continuous emissions monitor for carbon monoxide (CO) and shall limit the emissions of CO during periods of start-up, malfunction and shutdown to no more than 80 pounds for the entire event (not to exceed 3 hour per event) while firing natural gas.

Emissions in excess of this limit shall be reported through the facility's excess emissions report. All records shall be maintained by the facility for a minimum

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

of five years.

Manufacturer Name/Model Number: Thermo Electronics 48C
 Upper Permit Limit: 80 pounds per event
 Reference Test Method: Appx. B and F
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-HOUR BLOCK AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 132: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

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

Item 132.2:

Compliance Certification shall include the following monitoring:

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

This operating limit applies to all non-steady state operating conditions including but not limited to start up, malfunction and shutdown.

Manufacturer Name/Model Number: Thermo Electron 42
 Upper Permit Limit: 100 parts per million by volume
 (dry, corrected to 15% O2)
 Reference Test Method: Appx. B and F
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 2-HOUR BLOCK AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 133: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 133.1:

The Compliance Certification activity will be performed for:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 133.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Natural gas firing in the duct burners of EP's 00002 and 00003 is limited to a combined total of 2121 million cubic feet per year, calculated on a daily rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 2121 million cubic feet per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 134: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 134.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

CAS No: 0NY075-00-0 PARTICULATES

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

CAS No: 0NY998-00-0 VOC

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

Item 134.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The concentration (ppmvd), mass (lb/hr) and rate (lb/MMBtu) based emission limits for these regulated contaminants apply to all loads of operation, except where noted and except during periods of necessary scheduled equipment maintenance (including on-line turbine compressor washing, not to exceed 30 minutes per

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occurrence), startup, malfunctions (as stated in the paragraph of subdivision 6 NYCRR Part 201-1.4(e)), and shutdown, (not to exceed three hours per occurrence).

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 7/30/2022.

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

Condition 135: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 135.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Base Low Flow for emission points # 00002 and 00003 correspond to 71.74 MW (gas firing @ 59 degrees F). Figures 4a and 4b which are attached to this permit correlate this parameter to the current ambient temperature and fuel. The Department may require operational records to demonstrate this parameter.

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 7/30/2022.

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

Condition 136: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 136.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual distillate oil use in the turbines of emission points 00002 and 00003 is limited to a combined total of 32.0 million gallons per year calculated on a daily rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT
 Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
 Upper Permit Limit: 32,000,000 gallons per year
 Monitoring Frequency: DAILY
 Averaging Method: ANNUAL TOTAL ROLLED DAILY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 137: Compliance Certification
 Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 137.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 23G

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

Item 137.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit is a one hour block average. Emissions are continuously monitored using an NH3 CEMS consisting of a NOx analyzer equipped with an NH3 to NO converter. NH3 emissions are calculated as the difference between the NOx measured after the converter and the stack NOx readings. Alternatively, NH3 emissions may be determined and recorded using a calculation in the DAHS based on:

$$NH3Adj = ((A-(B*C/1,000,000))*(1,000,000/B))*D \text{ where:}$$

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NH3Adj - NH3, ppmvd@15% O2
A- NH3 injection rate (lb/hr)/17 lb/lb mole
B- Dry exhaust Flow Rate (lb/hr)/29 lb/lb mole
C- Change in NOx ppm@15% O2 across the catalyst (Inlet NOx
- Outlet NOx)
D- Correction factor (operator entered in DAHS - derived
annually)
D = RM average / CEMS average
RM average is the reference method average of three NH3
ppmc @ 15% O2
runs (minimum 20 minutes each) as reported by the
tester.

CEMS average is the reference method average of the three
NH3 ppmc @ 15% O2 values as reported by the DAHS
corresponding to the date/times of the reference method
runs from the source test report or another equation
approved, in writing, by the Department.

Manufacturer Name/Model Number: TECO 42iHL or equivalent
Upper Permit Limit: 10 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: see monitoring description
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 4/30/2022.
Subsequent reports are due every 3 calendar month(s).

Condition 138: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 138.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 23G

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

Item 138.2:

Compliance Certification shall include the following monitoring:

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

The emission limit is a discrete one hour average based
on the heat input corresponding to the higher heating

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value of the fuel. Emissions are continuously monitored using an NH₃ CEMS consisting of a NO_x analyzer equipped with an NH₃ to NO converter. NH₃ emissions are calculated as the difference between the NO_x measured after the converter and the stack NO_x readings. Alternatively, NH₃ emissions may be determined and recorded using a calculation in the DAHS based on:

$NH_3Adj = ((A-(B*C/1,000,000))*(1,000,000/B))*D$ where:

NH₃Adj - NH₃, ppmvd@15% O₂

A- NH₃ injection rate (lb/hr)/17 lb/lb mole

B- Dry exhaust Flow Rate (lb/hr)/29 lb/lb mole

C- Change in NO_x ppm@15% O₂ across the catalyst (Inlet NO_x - Outlet NO_x)

D- Correction factor (operator entered in DAHS - derived annually)

D = RM average / CEMS average

RM average is the reference method average of three NH₃ ppmc @ 15% O₂ runs (minimum 20 minutes each) as reported by the tester.

CEMS average is the reference method average of the three NH₃ ppmc @ 15% O₂ values as reported by the DAHS corresponding to the date/times of the reference method runs from the source test report. Or another equation approved, in writing, by the Department.

The emission limit corresponds to an ambient temperature of 0 degrees F. Use figure 3 to correlate the limit to the current temperature and gas turbine fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack. This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in Emission Unit U-00002.

Manufacturer Name/Model Number: TECO 42iHL or equivalent

Upper Permit Limit: 15.5 pounds per hour

Reference Test Method: See monitoring description

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 4/30/2022.

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

Condition 139: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 139.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 23G

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

Item 139.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 0 degrees F. Use figure 2 to correlate the limit to the current temperature and gas turbine fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack.

This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in Emission Unit U-00002.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 38.8 pounds per hour

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 140: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 140.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 23G

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

Item 140.2:

Compliance Certification shall include the following monitoring:

Permit ID: 4-0122-00078/00013

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Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 0 degrees F. Use figure 1 to correlate the limit to the current temperature and gas turbine fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack.

This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in Emission Unit U-00002.

Manufacturer Name/Model Number: Thermo Electron 42H

Upper Permit Limit: 41.4 pounds per hour

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 141: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 141.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23G

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 141.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The emission limit is a discrete one hour average based on the higher heating value of the fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 16 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: 40 CFR Appendix B, F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 4/30/2022.
 Subsequent reports are due every 3 calendar month(s).

Condition 142: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 142.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 23G

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

Item 142.2:

Compliance Certification shall include the following monitoring:

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

The emission limit is a discrete one hour average based on the higher heating value of the fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack. The mass emission rates for this pollutant correspond to an ambient temperature of 0 degrees F.

Manufacturer Name/Model Number: Thermo Electron 42H

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

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 143: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 143.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 23G Emission Source: OGT23

Regulated Contaminant(s):

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

CAS No: 0NY998-00-0 VOC

Item 143.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 1.6 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 144: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 144.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23G

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 144.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in

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Emission Unit U-00002.

Upper Permit Limit: 2.2 pounds per hour
Reference Test Method: EPA Method 25
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 145: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 145.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23G

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 145.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

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

Reference Test Method: 40 CFR Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 146: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 146.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23G

Emission Source: OGT23

Regulated Contaminant(s):

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

Item 146.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

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

Reference Test Method: 40 CFR Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 147: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 147.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 147.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part

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Facility DEC ID: 4012200078

201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 0 degrees F. Use figure 2 to correlate the limit to the current temperature and gas turbine fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack.

This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in Emission Unit U-00002.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 39.8 pounds per hour

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 148: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

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

Item 148.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for

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operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 0 degrees F. Use figure 1 to correlate the limit to the current temperature and gas turbine fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack.

This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in Emission Unit U-00002.

Manufacturer Name/Model Number: Thermo Electron 42H

Upper Permit Limit: 81.8 pounds per hour

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 149: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 149.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 149.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. The emission limit is a discrete one hour average based on the higher heating value of the fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: TECO 48C

Upper Permit Limit: 15.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 150: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A**Item 150.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 150.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit is a one hour block average. Emissions are continuously monitored using an NH₃ CEMS consisting of a NO_x analyzer equipped with an NH₃ to NO converter. NH₃

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emissions are calculated as the difference between the NO_x measured after the converter and the stack NO_x readings. Alternatively, NH₃ emissions may be determined and recorded using a calculation in the DAHS based on:

$NH_3Adj = ((A-(B*C/1,000,000))*(1,000,000/B))*D$ where:

NH₃Adj - NH₃, ppmvd@15% O₂

A- NH₃ injection rate (lb/hr)/17 lb/lb mole

B- Dry exhaust Flow Rate (lb/hr)/29 lb/lb mole

C- Change in NO_x ppm@15% O₂ across the catalyst (Inlet NO_x - Outlet NO_x)

D- Correction factor (operator entered in DAHS - derived annually)

D = RM average / CEMS average

RM average is the reference method average of three NH₃ ppmc @ 15% O₂ runs (minimum 20 minutes each) as reported by the tester.

CEMS average is the reference method average of the three NH₃ ppmc @ 15% O₂ values as reported by the DAHS corresponding to the date/times of the reference method runs from the source test report. Or another equation approved, in writing, by the Department.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Manufacturer Name/Model Number: TECO 42iHL or equivalent

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

Reference Test Method: see monitoring description

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 4/30/2022.

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Facility DEC ID: 4012200078

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

Condition 151: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 151.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 23O

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

Item 151.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

The emission limit is a discrete one hour average based on the higher heating value of the fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack.

Manufacturer Name/Model Number: Thermo Electron 42H

Upper Permit Limit: 18 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR Appendix B, F

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 4/30/2022.

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

Condition 152: Compliance Certification

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A**Item 152.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 152.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions are continuously monitored using an NH₃ CEMS consisting of a NO_x analyzer equipped with an NH₃ to NO converter. NH₃ emissions are calculated as the difference between the NO_x measured after the converter and the stack NO_x readings. Alternatively, NH₃ emissions may be determined and recorded using a calculation in the DAHS based on:

$$\text{NH}_3\text{Adj} = ((A - (B * C / 1,000,000)) * (1,000,000 / B)) * D \text{ where:}$$
NH₃Adj - NH₃, ppmvd@15% O₂A- NH₃ injection rate (lb/hr)/17 lb/lb mole

B- Dry exhaust Flow Rate (lb/hr)/29 lb/lb mole

C- Change in NO_x ppm@15% O₂ across the catalyst (Inlet NO_x - Outlet NO_x)

D- Correction factor (operator entered in DAHS - derived annually)

D = RM average / CEMS average

RM average is the reference method average of three NH₃ ppmc @ 15% O₂ runs (minimum 20 minutes each) as reported by the tester.

CEMS average is the reference method average of the three NH₃ ppmc @ 15% O₂ values as reported by the DAHS corresponding to the date/times of the reference method runs from the source test report. Or another equation approved, in writing, by the Department.

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire its combustion turbines on fuel

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oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

The emission limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit corresponds to an ambient temperature of 0 degrees F. Use figure 3 to correlate the limit to the current temperature and gas turbine fuel. A CEMS is used to monitor emissions at the gas turbine/duct burner exhaust stack.

This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in Emission Unit U-00002.

Manufacturer Name/Model Number: TECO 42iHL or equivalent

Upper Permit Limit: 16.0 pounds per hour

Reference Test Method: see monitoring description

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 4/30/2022.

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

Condition 153: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 153.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 153.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational

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flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. the emission limit is a discrete one hour average based on the higher heating value of the fuel. This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in Emission Unit U-00002.

Upper Permit Limit: 5.5 pounds per hour
 Reference Test Method: EPA Method 25
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 154: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 154.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 230 Emission Source: OGT23
 Regulated Contaminant(s):
 CAS No: 0NY998-00-0 VOC

Item 154.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can

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provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. the emission limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 3.7 parts per million by volume
 (dry, corrected to 15% O₂)

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 155: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 155.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 230

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 155.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational

Permit ID: 4-0122-00078/00013

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flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel.

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

Reference Test Method: 40 CFR Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 156: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 156.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 230

Emission Source: OGT23

Regulated Contaminant(s):

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

Item 156.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire its combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the

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Facility DEC ID: 4012200078

first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 18 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 157: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 157.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID

Item 157.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

provisions of this condition and all other applicable state and federal requirements are activated.

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.0210 pounds per million Btus

Reference Test Method: Appx. A Method 8

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 158: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 158.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 007664-93-9

SULFURIC ACID

Item 158.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated.

Compliance with the gas turbine emission limit shall be demonstrated during a performance test performed during

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Facility DEC ID: 4012200078

the term of the permit. the emission limit is a discrete one hour average based on the higher heating value of the fuel.

This emission limit applies separately to each Emission Point (e.g. each combustion turbine and/or duct burner) in Emission Unit U-00002.

Upper Permit Limit: 22.0 pounds per hour
Reference Test Method: Appex. A Method 8
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 159: Standard for oxides of nitrogen.
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60.44b(a)(4), NSPS Subpart Db

Item 159.1:
This Condition applies to Emission Unit: U-00002
Process: 2DB

Item 159.2:
Oxides of nitrogen emissions while firing natural gas and/or distillate oil in a duct burner (used in a combined cycle system) shall not exceed 0.20 lb/mmBtu.

Condition 160: Recordkeeping and reporting requirements.
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 60.49b, NSPS Subpart Db

Item 160.1:
This Condition applies to Emission Unit: U-00002
Process: 2DB

Item 160.2:
This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

Condition 161: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 161.1:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2DB

Emission Source: ODB23

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 161.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (10-25% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.0460 pounds per million Btus

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 162: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 162.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2DB

Emission Source: ODB23

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 162.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

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Upper Permit Limit: 0.0235 pounds per million Btus
 Reference Test Method: EPA Method 25
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 163: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 163.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 2DB Emission Source: ODB23

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

Item 163.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:

Compliance with the duct burner (100% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.073 pounds per million Btus
 Reference Test Method: EPA Method 10
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 164: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 164.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 2DB Emission Source: ODB23

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 164.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 4.81 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 165: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 165.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2DB

Emission Source: ODB23

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 165.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (10-25% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.120 pounds per million Btus

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 166: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 166.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 2DB Emission Source: ODB23

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

Item 166.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.0181 pounds per million Btus
 Reference Test Method: EPA Method 7
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 167: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 167.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 2DB Emission Source: ODB23

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 167.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 2.8 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 168: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 168.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2DB

Emission Source: ODB23

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 168.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.014 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

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Facility DEC ID: 4012200078

Condition 169: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 169.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2DB

Emission Source: ODB23

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 169.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 2.8 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 170: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 170.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2DB

Emission Source: ODB23

Regulated Contaminant(s):

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

Item 170.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Monitoring Description:

Compliance with the duct burner emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.014 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 171: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 171.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 2DB Emission Source: ODB23

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

Item 171.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (25-50% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.080 pounds per million Btus
 Reference Test Method: EPA Method 10
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 172: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 172.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2DB

Emission Source: ODB23

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 172.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (25-50% load) emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel.

Upper Permit Limit: 0.0310 pounds per million Btus

Reference Test Method: EPA Method 25

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 173: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 173.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2GB

Emission Source: OGT23

Regulated Contaminant(s):

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

Item 173.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is

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a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 0.0042 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 174: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 174.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 2GB Emission Source: OGT23

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

Item 174.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 0.0042 pounds per million Btus
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 175: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 175.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2GB

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 175.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 3.7 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 176: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 176.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2GB

Emission Source: OGT23

Regulated Contaminant(s):

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

Item 176.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 3.7 pounds per hour
Reference Test Method: EPA Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 177: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 177.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 2GL Emission Source: OGT23

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

Item 177.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base low flow. Use Figure 4a to correlate the Base Low Flow Load in MW's to the current temperature for turbine firing natural gas.

Upper Permit Limit: 0.0049 pounds per million Btus
Reference Test Method: EPA Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 178: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 178.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2GL

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 178.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base low flow. Use Figure 4a to correlate the Base Low Flow Load in MW's to the current temperature for turbine firing natural gas.

Upper Permit Limit: 0.0049 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 179: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 179.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2GL

Emission Source: OGT23

Regulated Contaminant(s):

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

Item 179.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission rate limit is a discrete one hour average

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

based on the higher heating value of the fuel. The emission limit applies to the unit firing at base low flow. Use Figure 4a to correlate the Base Low Flow Load in MW's to the current temperature for turbine firing natural gas.

Upper Permit Limit: 3.7 pounds per hour
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 180: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 180.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
 Process: 2GL Emission Source: OGT23

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

Item 180.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base low flow. Use Figure 4a to correlate the Base Low Flow Load in MW's to the current temperature for turbine firing natural gas.

Upper Permit Limit: 3.7 pounds per hour
 Reference Test Method: EPA Method 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 181: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Applicable Federal Requirement:40CFR 52.21, Subpart A**Item 181.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2OB

Emission Source: OGT23

Regulated Contaminant(s):

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

Item 181.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 56.0 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 182: Compliance Certification**Effective between the dates of 02/04/2022 and 02/03/2027****Applicable Federal Requirement:40CFR 52.21, Subpart A****Item 182.1:**

Air Pollution Control Permit Conditions

Renewal 2

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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2OB

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 182.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 56.0 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 183: Compliance Certification**Effective between the dates of 02/04/2022 and 02/03/2027****Applicable Federal Requirement:40CFR 52.21, Subpart A****Item 183.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Process: 2OB

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 183.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 0.0540 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 184: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 184.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2OB

Emission Source: OGT23

Regulated Contaminant(s):

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 184.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. Compliance with the gas turbine baseload emission limit shall be demonstrated during a performance test performed during the term of the permit. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base load.

Upper Permit Limit: 0.0540 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 185: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 185.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2OL

Emission Source: OGT23

Regulated Contaminant(s):

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

CAS No: 0NY075-00-0 PARTICULATES

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 185.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base low flow. Use Figure 4b to correlate the Base Low Flow Load in MW's to the current temperature for turbine firing distillate oil.

Upper Permit Limit: 51.7 pounds per hour

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 186: Compliance Certification

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 186.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2OL

Emission Source: OGT23

Regulated Contaminant(s):

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

Item 186.2:

Compliance Certification shall include the following monitoring:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire it's combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base low flow.

Upper Permit Limit: 0.0560 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 187: Compliance Certification
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 187.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2OL

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 187.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.4(f) - Alternate Operating Scenarios. Operational

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flexibility in this instance, ensures that the SCP can provide reliable power by utilizing the facility's alternate ability to fire its combustion turbines on fuel oil. Also, under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required fuel oil compliance testing and reporting provisions until SCP actually fires fuel oil for the first time during the permit term. At such time that this emission unit is fired on oil, then that date shall be the date of first fire, and the testing and reporting provisions of this condition and all other applicable state and federal requirements are activated. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission limit applies to the unit firing at base low flow.

Upper Permit Limit: 0.0560 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

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Facility DEC ID: 4012200078

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: 4-0122-00078/00013

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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 188: Contaminant List

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable State Requirement: ECL 19-0301

Item 188.1:

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: 007664-93-9
Name: SULFURIC ACID

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

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

Permit ID: 4-0122-00078/00013

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

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

Condition 189: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable State Requirement: 6 NYCRR 201-1.4

Item 189.1:

(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.

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Condition 190: CLCPA Applicability

Effective between the dates of 02/04/2022 and 02/03/2027

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

Item 190.1:

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

Condition 191: Air pollution prohibited

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable State Requirement:6 NYCRR 211.1

Item 191.1:

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 192: Compliance Demonstration

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable State Requirement:6 NYCRR 242-1.5

Item 192.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 192.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

to determine compliance by the unit with the following CO2 requirements:

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

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

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

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 193: Compliance Demonstration
Effective between the dates of 02/04/2022 and 02/03/2027

Applicable State Requirement: 6 NYCRR Subpart 242-8

Item 193.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 193.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)

(a) General provisions. The CO₂ authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.

(b) Monitoring plans. The owner or operator of a CO₂ budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.

(c) Certification applications. The CO₂ authorized account representative shall submit an application to the department within 45 days after completing all CO₂ monitoring system initial certification or recertification tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and 40 CFR 75.53(e) and (f).

(d) Quarterly reports. The CO₂ authorized account representative shall submit quarterly reports, as follows:

(1) The CO₂ authorized account representative shall report the CO₂ mass emissions data and heat input data for the CO₂ budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the

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department for each calendar quarter.

(2) The CO₂ authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO₂ budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NO_x, and SO₂ provisions.

(3) The CO₂ authorized account representative shall submit to the department or its agent a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR part 75, including the quality assurance procedures and specifications;

(ii) for a unit with add-on CO₂ emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO₂ emissions; and

(iii) the CO₂ concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO₂ emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2022.

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

**** Emission Unit Level ****

Condition 194: Compliance Demonstration

Effective between the dates of 02/04/2022 and 02/03/2027

Applicable State Requirement: 6 NYCRR 251.3 (b)

Item 194.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 194.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

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.

Manufacturer Name/Model Number: CO₂ Continuous Monitor

Parameter Monitored: CARBON DIOXIDE

Upper Permit Limit: 180 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: CALENDAR YEAR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2022.

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

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