



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-0122-00078/00013
Mod 0 Effective Date: 11/04/2014 Expiration Date: 11/03/2019
Mod 1 Effective Date: 07/11/2011 Expiration Date: No expiration date.
Mod 2 Effective Date: 11/04/2014 Expiration Date: 11/03/2019
Mod 3 Effective Date: 04/05/2018 Expiration Date: 11/03/2019

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

Contact: JAMES E RYAN
24 POWER PARK DR
SELKIRK, NY 12158
(518) 475-5773

Facility: SELKIRK COGENERATION PROJECT
24 POWER PARK DR ON GE PROPERTY
SELKIRK, NY 12158-2299

Description:
This Department Initiated Modification updated start-up and shut-down parameters to accurately reflect actual conditions. It further 'streamlined' the permit to more efficiently define regulatory requirements.

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: NANCY M BAKER
NYSDEC - REGION 4
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

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



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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 3-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3-1.1:

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 3-1.2:

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

Item 3-1.3

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

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 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

New York State Department of Environmental Conservation
Facility DEC ID: 4012200078



Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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

Facility: SELKIRK COGENERATION PROJECT
24 POWER PARK DR ON GE PROPERTY
SELKIRK, NY 12158-2299

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

Mod 0 Permit Effective Date: 11/04/2014

Permit Expiration Date: 11/03/2019

Mod 2 Permit Effective Date: 11/04/2014

Permit Expiration Date: 11/03/2019

Mod 3 Permit Effective Date: 04/05/2018

Permit Expiration Date: 11/03/2019



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 3-1 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 23 6 NYCRR 211.1: Air pollution prohibited
- 24 6 NYCRR 225-1.2 (g): Compliance Certification
- 25 6 NYCRR 225-1.5 (c): Compliance Certification
- 26 6 NYCRR 227-1.3 (a): Compliance Certification
- 27 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification
- 28 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Certification
- 29 6 NYCRR 243-1.6 (a): Permit Requirements
- 30 6 NYCRR 243-1.6 (b): Monitoring requirements
- 31 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
- 32 6 NYCRR 243-1.6 (d): Excess emission requirements
- 33 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
- 34 6 NYCRR 243-2.1: Authorization and responsibilities of CAIR designated representative
- 35 6 NYCRR 243-2.4: Certificate of representation
- 36 6 NYCRR 243-8.1: General requirements
- 37 6 NYCRR 243-8.1: Prohibitions
- 38 6 NYCRR 243-8.5 (d): Quarterly reports
- 39 6 NYCRR 243-8.5 (e): Compliance certification
- 40 6 NYCRR Subpart 244-1: CAIR General and Permit Requirements
- 41 6 NYCRR Subpart 244-1: Compliance Certification



- 42 6 NYCRR Subpart 244-2: Compliance Certification
- 43 6 NYCRR Subpart 244-8: Compliance Certification
- 44 6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions
- 45 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 46 6 NYCRR Subpart 245-8: Compliance Certification
- 47 40CFR 52.21, Subpart A: FIRING FUELS
- 48 40CFR 52.21, Subpart A: Compliance Certification
- 49 40CFR 52.21, Subpart A: Compliance Certification
- 50 40CFR 52.21, Subpart A: Compliance Certification
- 51 40CFR 52.21, Subpart A: Compliance Certification
- 52 40CFR 52.21, Subpart A: Compliance Certification
- 53 40CFR 52.21, Subpart A: Compliance Certification
- 54 40CFR 52.21, Subpart A: Compliance Certification
- 55 40CFR 52.21, Subpart A: Compliance Certification
- 3-2 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 56 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 3-3 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 3-4 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 3-5 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 3-6 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 3-7 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 3-8 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 3-9 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 3-10 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 3-11 40CFR 60.9, NSPS Subpart A: Availability of information.
- 3-12 40CFR 60.12, NSPS Subpart A: Circumvention.
- 3-13 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 3-14 40CFR 60.14, NSPS Subpart A: Modifications.
- 3-15 40CFR 60.15, NSPS Subpart A: Reconstruction
- 3-16 40CFR 60.334(b), NSPS Subpart GG: CEMS
- 3-17 40CFR 60.334(h), NSPS Subpart GG: Compliance Certification
- 58 40CFR 60.334(h)(3), NSPS Subpart GG: Compliance Certification
- 3-18 40CFR 60.334(j), NSPS Subpart GG: Compliance Certification
- 59 40CFR 63, Subpart JJJJJ: Applicability
- 60 40CFR 63, Subpart ZZZZ: Applicability
- 61 40 CFR Part 97: Federal Cross-State Air Pollution Regulation (CSAPR)

Emission Unit Level

- 62 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 63 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-00001

- 3-19 6 NYCRR Subpart 201-6: Compliance Certification
- 3-20 6 NYCRR Subpart 201-6: Compliance Certification
- 3-21 6 NYCRR Subpart 227-2: Compliance Certification
- 66 40CFR 52.21, Subpart A: Compliance Certification
- 67 40CFR 52.21, Subpart A: Compliance Certification
- 87 40CFR 75.10(a), Subpart B: Compliance Certification
- 88 40CFR 75.10(d), Subpart B: Compliance Certification

EU=U-00001,Proc=1DB

- 89 40CFR 60.44b(a)(4), NSPS Subpart Db: Standard for oxides of nitrogen.
- 90 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.



EU=U-00001,EP=00001

- 93 40CFR 52.21, Subpart A: Compliance Certification
- 94 40CFR 52.21, Subpart A: Compliance Certification
- 95 40CFR 52.21, Subpart A: Compliance Certification
- 96 40CFR 52.21, Subpart A: Compliance Certification
- 97 40CFR 52.21, Subpart A: Compliance Certification

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

- 98 40CFR 52.21, Subpart A: Compliance Certification
- 99 40CFR 52.21, Subpart A: Compliance Certification

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

- 100 40CFR 52.21, Subpart A: Compliance Certification
- 101 40CFR 52.21, Subpart A: Compliance Certification
- 102 40CFR 52.21, Subpart A: Compliance Certification

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

- 103 40CFR 52.21, Subpart A: Compliance Certification
- 104 40CFR 52.21, Subpart A: Compliance Certification

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

- 105 40CFR 52.21, Subpart A: Compliance Certification
- 106 40CFR 52.21, Subpart A: Compliance Certification
- 107 40CFR 52.21, Subpart A: Compliance Certification

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

- 108 40CFR 52.21, Subpart A: Compliance Certification
- 109 40CFR 52.21, Subpart A: Compliance Certification
- 110 40CFR 52.21, Subpart A: Compliance Certification
- 111 40CFR 52.21, Subpart A: Compliance Certification

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

- 112 40CFR 52.21, Subpart A: Compliance Certification
- 113 40CFR 52.21, Subpart A: Compliance Certification
- 114 40CFR 52.21, Subpart A: Compliance Certification
- 115 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=1DB,ES=OODB1

- 116 40CFR 52.21, Subpart A: Compliance Certification
- 117 40CFR 52.21, Subpart A: Compliance Certification
- 118 40CFR 52.21, Subpart A: Compliance Certification
- 119 40CFR 52.21, Subpart A: Compliance Certification
- 120 40CFR 52.21, Subpart A: Compliance Certification
- 121 40CFR 52.21, Subpart A: Compliance Certification
- 122 40CFR 52.21, Subpart A: Compliance Certification
- 123 40CFR 52.21, Subpart A: Compliance Certification
- 124 40CFR 52.21, Subpart A: Compliance Certification
- 125 40CFR 52.21, Subpart A: Compliance Certification
- 126 40CFR 52.21, Subpart A: Compliance Certification
- 127 40CFR 52.21, Subpart A: Compliance Certification



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

- 128 40CFR 52.21, Subpart A: Compliance Certification
- 129 40CFR 52.21, Subpart A: Compliance Certification
- 130 40CFR 52.21, Subpart A: Compliance Certification
- 131 40CFR 52.21, Subpart A: Compliance Certification

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

- 132 40CFR 52.21, Subpart A: Compliance Certification
- 133 40CFR 52.21, Subpart A: Compliance Certification

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

- 134 40CFR 52.21, Subpart A: Compliance Certification

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

- 135 40CFR 52.21, Subpart A: Compliance Certification
- 136 40CFR 52.21, Subpart A: Compliance Certification

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

- 137 40CFR 52.21, Subpart A: Compliance Certification

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

- 138 40CFR 52.21, Subpart A: Compliance Certification
- 139 40CFR 52.21, Subpart A: Compliance Certification
- 140 40CFR 52.21, Subpart A: Compliance Certification
- 141 40CFR 52.21, Subpart A: Compliance Certification

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

- 142 40CFR 52.21, Subpart A: Compliance Certification
- 143 40CFR 52.21, Subpart A: Compliance Certification

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

- 144 40CFR 52.21, Subpart A: Compliance Certification

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

- 145 40CFR 52.21, Subpart A: Compliance Certification
- 146 40CFR 52.21, Subpart A: Compliance Certification

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

- 147 40CFR 52.21, Subpart A: Compliance Certification

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

- 148 40CFR 52.21, Subpart A: Compliance Certification
- 149 40CFR 52.21, Subpart A: Compliance Certification

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

- 150 40CFR 52.21, Subpart A: Compliance Certification

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

- 151 40CFR 52.21, Subpart A: Compliance Certification
- 152 40CFR 52.21, Subpart A: Compliance Certification



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

153 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002

3-22 6 NYCRR Subpart 201-6: Compliance Certification

3-23 6 NYCRR Subpart 201-6: Compliance Certification

154 6 NYCRR Subpart 201-6: Compliance Certification

156 40CFR 52.21, Subpart A: Compliance Certification

157 40CFR 52.21, Subpart A: Compliance Certification

158 40CFR 52.21, Subpart A: Compliance Certification

159 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,Proc=23G

178 40CFR 52.21, Subpart A: Compliance Certification

179 40CFR 52.21, Subpart A: Compliance Certification

180 40CFR 52.21, Subpart A: Compliance Certification

181 40CFR 52.21, Subpart A: Compliance Certification

182 40CFR 52.21, Subpart A: Compliance Certification

183 40CFR 52.21, Subpart A: Compliance Certification

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

184 40CFR 52.21, Subpart A: Compliance Certification

185 40CFR 52.21, Subpart A: Compliance Certification

186 40CFR 52.21, Subpart A: Compliance Certification

187 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,Proc=23O

188 40CFR 52.21, Subpart A: Compliance Certification

189 40CFR 52.21, Subpart A: Compliance Certification

190 40CFR 52.21, Subpart A: Compliance Certification

191 40CFR 52.21, Subpart A: Compliance Certification

192 40CFR 52.21, Subpart A: Compliance Certification

193 40CFR 52.21, Subpart A: Compliance Certification

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

194 40CFR 52.21, Subpart A: Compliance Certification

195 40CFR 52.21, Subpart A: Compliance Certification

196 40CFR 52.21, Subpart A: Compliance Certification

197 40CFR 52.21, Subpart A: Compliance Certification

198 40CFR 52.21, Subpart A: Compliance Certification

199 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,Proc=2DB

200 40CFR 60.44b(a)(4), NSPS Subpart Db: Standard for oxides of nitrogen.

201 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.

EU=U-00002,Proc=2DB,ES=ODB23

202 40CFR 52.21, Subpart A: Compliance Certification

203 40CFR 52.21, Subpart A: Compliance Certification

204 40CFR 52.21, Subpart A: Compliance Certification

205 40CFR 52.21, Subpart A: Compliance Certification

206 40CFR 52.21, Subpart A: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



- 207 40CFR 52.21, Subpart A: Compliance Certification
- 208 40CFR 52.21, Subpart A: Compliance Certification
- 209 40CFR 52.21, Subpart A: Compliance Certification
- 210 40CFR 52.21, Subpart A: Compliance Certification
- 211 40CFR 52.21, Subpart A: Compliance Certification
- 212 40CFR 52.21, Subpart A: Compliance Certification
- 213 40CFR 52.21, Subpart A: Compliance Certification

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

- 214 40CFR 52.21, Subpart A: Compliance Certification
- 215 40CFR 52.21, Subpart A: Compliance Certification
- 216 40CFR 52.21, Subpart A: Compliance Certification
- 217 40CFR 52.21, Subpart A: Compliance Certification

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

- 218 40CFR 52.21, Subpart A: Compliance Certification
- 219 40CFR 52.21, Subpart A: Compliance Certification
- 220 40CFR 52.21, Subpart A: Compliance Certification
- 221 40CFR 52.21, Subpart A: Compliance Certification

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

- 222 40CFR 52.21, Subpart A: Compliance Certification
- 223 40CFR 52.21, Subpart A: Compliance Certification
- 224 40CFR 52.21, Subpart A: Compliance Certification
- 225 40CFR 52.21, Subpart A: Compliance Certification

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

- 226 40CFR 52.21, Subpart A: Compliance Certification
- 227 40CFR 52.21, Subpart A: Compliance Certification
- 228 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,EP=00002

- 229 40CFR 52.21, Subpart A: Compliance Certification
- 230 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,EP=00003

- 231 40CFR 52.21, Subpart A: Compliance Certification
- 232 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00004

- 233 40CFR 52.21, Subpart A: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 234 ECL 19-0301: Contaminant List
- 235 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 236 6 NYCRR 211.2: Visible Emissions Limited
- 237 6 NYCRR 242-1.5: Compliance Demonstration
- 238 6 NYCRR Subpart 242-8: Compliance Demonstration



FEDERALLY ENFORCEABLE CONDITIONS

****** 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 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;

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.

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 11/04/2014 and 11/03/2019**

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

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

Condition 2: Fees
Effective between the dates of 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019

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 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.

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 1/30/2015.

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

Condition 6: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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.

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 – Stationary Source Compliance Section
USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

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:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 215.2

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Item 9.1:

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

Item 9.2

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

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

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

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 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019

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 11/04/2014 and 11/03/2019



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

Item 14.1:

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

Condition 15: Requirement to Provide Information
Effective between the dates of 11/04/2014 and 11/03/2019

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 3-1: Right to Inspect
Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-1.1:

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

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 16: Right to Inspect
Effective between the dates of 11/04/2014 and 11/03/2019



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: Off Permit Changes

Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 17.1:

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

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

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

Condition 18: Required Emissions Tests

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 202-1.1

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Item 18.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

**Condition 19: Accidental release provisions.
Effective between the dates of 11/04/2014 and 11/03/2019**

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

**Condition 20: Recycling and Emissions Reduction
Effective between the dates of 11/04/2014 and 11/03/2019**

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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

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

**Condition 21: Emission Unit Definition
Effective between the dates of 11/04/2014 and 11/03/2019**



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1(From Mod 3):

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

Emission Unit: U-00001

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 21.2(From Mod 3):

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 21.3(From Mod 0):

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

Emission Unit: U-00004

Emission Unit Description:

This emission unit consists of four auxiliary boilers. Boiler No. 2 is a Murray Iron Works 77/75 (gas/oil) MMBtu/hr boiler. Boiler No. 3 is a Combustion Engineering A-Type boiler rated at 180 MMBtu/hr. Boilers No 4 & 5 are identical Babcock & Wilcox D-Type boilers rated at 180 MMBtu/hr each. All boilers may fire natural gas, oil or a gas/oil mixture. There are four emissions points for this

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emission unit. All boilers are operated on an intermittent basis to supplement steam produced by the facility turbine/HRSG combustion units and to assure an uninterrupted steam supply to the industrial steam customer.

Building(s): UTILITYBLG

Item 21.4(From Mod 0):

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.

Item 21.5(From Mod 0):

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

Emission Unit: U-00006

Emission Unit Description:

Consists of a 3.39 MMBTU/hr Caterpillar Model 2406 Auxiliary Generator associated with the Phase 1 side of the facility. This auxiliary generator is an existing piece of equipment at the facility with a NYSDEC Certificate to Operate. EU U-00006 has one emission point and is located inside the Phase 1 STG Building. The generator operates intermittently for emergency power and for maintenance testing. The hours of operation are limited to 499 hrs. per year by the NYS Certificate to Operate. The generator was previously exempt from title V pursuant to 6 NYCRR Subpart 201-3. The generator has a newly applicable federal requirement contained under 40 CFR 63.

Building(s): STGBLDG

Condition 22: Progress Reports Due Semiannually

Effective between the dates of 11/04/2014 and 11/03/2019

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

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Item 22.1:

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

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

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

Condition 23: Air pollution prohibited
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 211.1

Item 23.1:

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 24: Compliance Certification
Effective between the dates of 11/07/2014 and 11/03/2019

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

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis,

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within 30 days after the end of the semiannual period.
All other facility owners or distributors must submit
these records and summaries upon request of the
Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 25: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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

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:

Measurements must be made daily of the rate of each fuel
fired. The gross heat content and ash content of each fuel
fired must be determined at least once each week. In the
case of stationary combustion installations producing
electricity for sale, the average electrical output and
the hourly generation rate must also be measured.

Data collected pursuant to this Subpart must be tabulated
and summarized in a form acceptable to the Department, and
must be retained for at least five years. The owner of a
Title V facility must furnish to the Department such
records and summaries, on a semiannual calendar basis,
within 30 days after the end of the semiannual period.
All other facility owners or distributors must submit
these records and summaries upon request of the
Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 26: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 26.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00004

Item 26.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

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

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

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



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

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 11/07/2014 and 11/03/2019

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (1) (ii)

Item 27.1:

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

Table with 2 columns: Emission Unit/Process and Emission Point/Source. Rows include units U-00004 with processes B3G, B3O, B4G, B4O, B5G, B5O and emission points 00607 and sources OBLR3, OBLR4, OBLR5.

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

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

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This condition applies to the natural gas/oil fired, large boilers and is applicable on and after July 1, 2014. Compliance with the emission limit will be determined in accordance with the emission test requirements described in 6 NYCRR 227-2.6(c). The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing. The owner or operator will maintain records on-site for a minimum of five years.

Note: For distillate oil operations, this condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.5(f)(1) - Alternate Operating Scenarios. Operational flexibility in this instance ensures that the SCP can provide an uninterrupted steam supply by utilizing the facility's alternate ability to fire the boilers on fuel oil. Under the provisions of operational flexibility, SCP is allowed to suspend the otherwise required compliance testing and reporting provisions for fuel oil operations until SCP actually fires fuel oil for the first time during the permit term. At such time that an emission source 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 for that source.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.15 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 11/07/2014 and 11/03/2019

Applicable Federal Requirement: 6 NYCRR 227-2.4 (c) (1) (ii)

Item 28.1:

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

Emission Unit: U-00004

Emission Point: 00601

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Process: B2G

Emission Source: OBLR2

Emission Unit: U-00004

Emission Point: 00601

Process: B2O

Emission Source: OBLR2

Regulated Contaminant(s):

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

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to the natural gas/oil fired, mid-sized boiler and is applicable on and after July 1, 2014. Compliance with the emission limit will be determined in accordance with the emission test requirements described in 6 NYCRR 227-2.6(c). The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing. The owner or operator will maintain records on-site for a minimum of five years.

Note: For distillate oil operations, this condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.5(f)(1) - Alternate Operating Scenarios. Operational flexibility in this instance ensures that the SCP can provide an uninterrupted steam supply by utilizing the facility's alternate ability to fire its combustion turbines on fuel oil. 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 the emission source 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 for the source.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.08 pounds per million Btus

Reference Test Method: 40 CFR 60, Appendix A – Method 7, 7E, 19

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 1/30/2015.

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

Condition 29: Permit Requirements

Effective between the dates of 11/04/2014 and 11/03/2019



Applicable Federal Requirement:6 NYCRR 243-1.6 (a)

Item 29.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 29.2:

The CAIR designated representative of each CAIR NO_x Ozone Season source shall:

(i) submit to the department a complete CAIR permit application under section 243-3.3 in accordance with the deadlines specified in section 243-3.2; and

(ii) submit in a timely manner any supplemental information that the department determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

The owners and operators of each CAIR NO_x Ozone Season source shall have a CAIR permit issued by the department under Subpart 243-3 for the source and operate the source and the unit in compliance with such CAIR permit.

Condition 30: Monitoring requirements

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 243-1.6 (b)

Item 30.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 30.2:

The emissions measurements recorded and reported in accordance with Subpart 243-8 shall be used to determine compliance by each CAIR NO_x Ozone Season source with the CAIR NO_x Ozone Season emissions limitation under subdivision (c) of this section.

Condition 31: NO_x Ozone Season Emission Requirements

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 243-1.6 (c)

Item 31.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002



Item 31.2:

As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NOx Ozone Season allowances available for compliance deductions for the control period under section 243-6.5(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NOx Ozone Season units at the source, as determined in accordance with Subpart 243-8. The CAIR NOx ozone season is the period beginning May 1 of a calendar year, except as provided in section 243-1.6(c)(2), and ending on September 30 of the same year, inclusive.

A CAIR NOx Ozone Season unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under sections 243-8.1(b)(1), (2), (3), or (7) and for each control period thereafter.

A CAIR NOx Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NOx Ozone Season allowance was allocated.

CAIR NOx Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NOx Ozone Season Allowance Tracking System accounts in accordance with Subparts 243-6, 243-7, and 243-9.

A CAIR NOx Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx Ozone Season Trading Program. No provision of the CAIR NOx Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under section 243-1.5 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

A CAIR NOx Ozone Season allowance does not constitute a property right.

Upon recordation by the Administrator under Subpart 243-6, 243-7, or 243-9, every allocation, transfer, or deduction of a CAIR NOx Ozone Season allowance to or from a CAIR NOx Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

Condition 32: Excess emission requirements
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 243-1.6 (d)

Item 32.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 32.2:

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If a CAIR NO_x Ozone Season source emits nitrogen oxides during any control period in excess of the CAIR NO_x Ozone Season emissions limitation, then:

(1) the owners and operators of the source and each CAIR NO_x Ozone Season unit at the source shall surrender the CAIR NO_x Ozone Season allowances required for deduction under section 243-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law; and

(2) each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law.

Condition 33: Recordkeeping and reporting requirements
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement: 6 NYCRR 243-1.6 (e)

Item 33.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 33.2:

Unless otherwise provided, the owners and operators of the CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator.

(i) The certificate of representation under section 243-2.4 for the CAIR designated representative for the source and each CAIR NO_x Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation under section 243-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with Subpart 243-8, provided that to the extent that Subpart 243-8 provides for a three-year period for recordkeeping, the three-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Ozone Season Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NO_x Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Ozone Season Trading Program.

Condition 34: Authorization and responsibilities of CAIR designated representative
Effective between the dates of 11/04/2014 and 11/03/2019



Applicable Federal Requirement:6 NYCRR 243-2.1

Item 34.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 34.2:

Except as provided under section 243-2.2, each CAIR NO_x Ozone Season source, including all CAIR NO_x Ozone Season units at the source, shall have one and only one CAIR designated representative, with regard to all matters under the CAIR NO_x Ozone Season Trading Program concerning the source or any CAIR NO_x Ozone Season unit at the source.

The CAIR designated representative of the CAIR NO_x Ozone Season source shall be selected by an agreement binding on the owners and operators of the source and all CAIR NO_x Ozone Season units at the source and shall act in accordance with the certification statement in section 243-2.4(a)(4)(iv).

Upon receipt by the Administrator of a complete certificate of representation under section 243-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NO_x Ozone Season source represented and each CAIR NO_x Ozone Season unit at the source in all matters pertaining to the CAIR NO_x Ozone Season Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source or unit.

No CAIR permit will be issued, no emissions data reports will be accepted, and no CAIR NO_x Ozone Season Allowance Tracking System account will be established for a CAIR NO_x Ozone Season unit at a source, until the Administrator has received a complete certificate of representation under section 243-2.4 for a CAIR designated representative of the source and the CAIR NO_x Ozone Season units at the source.

Each submission under the CAIR NO_x Ozone Season Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NO_x Ozone Season source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Condition 35: Certificate of representation



Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 243-2.4

Item 35.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 35.2:

Unless otherwise required by the department or the Administrator, documents of agreement referred to in the certificate of representation shall not be submitted to the department or the Administrator. Neither the department nor the Administrator shall be under any obligation to review or evaluate the sufficiency of such documents, if submitted.

Condition 36: General requirements

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 36.1:

The owners and operators, and to the extent applicable, the CAIR designated representative, of a CAIR NO_x Ozone Season unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in section 243-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR NO_x Ozone Season unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 243-1.2. The owner or operator of a unit that is not a CAIR NO_x Ozone Season unit but that is monitored under 40 CFR 75.72(b)(2)(ii) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR NO_x Ozone Season unit.

'Requirements for installation, certification, and data accounting.' The owner or operator of each CAIR NO_x Ozone Season unit shall:

- (1) install all monitoring systems required under this Subpart for monitoring NO_x mass emissions and individual unit heat input (including all systems required to monitor NO_x emission rate, NO_x concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.71 and 40 CFR 75.72);
- (2) successfully complete all certification tests required under section 243-8.2 and meet all other requirements of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraph 243-8.1(a)(1); and
- (3) record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

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Condition 37: Prohibitions
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 37.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 37.2:

No owner or operator of a CAIR NOx Ozone Season unit shall use any alternative monitoring system, alternative reference method, or any other alternative to any requirement of this Subpart without having obtained prior written approval in accordance with section 243-8.6.

No owner or operator of a CAIR NOx Ozone Season unit shall operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

No owner or operator of a CAIR NOx Ozone Season unit shall disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NOx mass emissions discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

No owner or operator of a CAIR NOx Ozone Season unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved monitoring system under this Subpart, except under any one of the following circumstances:

- (i) during the period that the unit is covered by an exemption under section 243-1.5 that is in effect;
- (ii) the owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the department for use at that unit that provides emission data for the same pollutant or parameter as the retired or discontinued monitoring system; or
- (iii) the CAIR designated representative submits notification of the date of certification testing of a replacement monitoring system for the retired or discontinued monitoring system in accordance with section 243-8.2(d)(3)(i).

Condition 38: Quarterly reports
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR 243-8.5 (d)

Item 38.1:

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This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 38.2:

The CAIR designated representative shall submit quarterly reports, as follows:

If the CAIR NOx Ozone Season unit is subject to an Acid Rain emissions limitation or a CAIR NOx emissions limitation or if the owner or operator of such unit chooses to report on an annual basis under this Subpart, the CAIR designated representative shall meet the requirements of Subpart H of 40 CFR Part 75 (concerning monitoring of NOx mass emissions) for such unit for the entire year and shall report the NOx mass emissions data and heat input data for such unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with:

(i) for a unit that commences commercial operation before July 1, 2007, the calendar quarter covering May 1, 2008 through June 30, 2008;

(ii) for a unit that commences commercial operation on or after July 1, 2007, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 243-8.1(b), unless that quarter is the third or fourth quarter of 2007 or the first quarter of 2008, in which case reporting shall commence in the quarter covering May 1, 2008 through June 30, 2008.

The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.73(f).

For CAIR NOx Ozone Season units that are also subject to an Acid Rain emissions limitation or the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NOx mass emission data, heat input data, and other information required by this Subpart.

Condition 39: Compliance certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement: 6 NYCRR 243-8.5 (e)

Item 39.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 39.2:

The CAIR designated representative shall submit to the Administrator a compliance certification

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(in a format prescribed by the Administrator) 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:

(1) 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;

(2) for a unit with add-on NO_x emission controls and for all hours where NO_x data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NO_x emissions; and

(3) for a unit that is reporting on a control period basis under subparagraph (d)(2)(ii) of this section, the NO_x emission rate and NO_x concentration values substituted for missing data under Subpart D of 40 CFR Part 75 are calculated using only values from a control period and do not systematically underestimate NO_x emissions.

**Condition 40: CAIR General and Permit Requirements
Effective between the dates of 11/04/2014 and 11/03/2019**

Applicable Federal Requirement:6 NYCRR Subpart 244-1

Item 40.1:

(1) As of midnight of March 1, or midnight of the first business day thereafter if March 1 is not a business day, the owners and operators shall hold, in their compliance account, CAIR NO_x allowances available for compliance deductions for the previous control period (January 1 through December 31), in an amount not less than the total tons of nitrogen oxides emissions from all CAIR NO_x units at the source during that control period. (244-1.6(c)(1) , 244-1.2(b)(5), 244-1.2(b)(36))

(2) A CAIR NO_x allowance shall not be deducted, for compliance with the requirements under paragraph (2) of this section, for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated. (244-1.6(c)(3))

(3) 'Excess emissions requirements.' If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, the owners and operators of the CAIR NO_x source shall surrender the CAIR NO_x allowances required for deduction under 6NYCRR Part 244-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this permit, the Act, and applicable State law. (244-1.6(d))

(4) Unless otherwise provided, the owners and operators of the CAIR NO_x source shall keep on site each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator:

(i) The certificate of representation under 6NYCRR Part 244-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the



certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 244-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 244-8, provided that to the extent that 6NYCRR Part 244-8 provides for a three year period for recordkeeping, the three year period shall apply.

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

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NOx Annual Trading Program. (244-1.6(e))

Condition 41: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 244-1

Item 41.1:

The Compliance Certification activity will be performed for the Facility.

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1) As of midnight of March 1, or midnight of the first business day thereafter if March 1 is not a business day, the owners and operators shall hold, in their compliance account, Clean Air Interstate Rule (CAIR) NOx allowances available for compliance deductions for the previous control period (January 1 through December 31), in an amount not less than the total tons of nitrogen oxides emissions from all CAIR NOx units at the source during that control period. A CAIR NOx allowance shall not be deducted for a control period in a calendar year before the year for which the CAIR NOx allowance was allocated. [244-1.6(c)(1), 244-1.2(b)(5), 244-1.2(b)(36), 244-1.6(c)(3)]

2) The owners and operators shall hold in their compliance account, CAIR NOx allowances available for compliance deductions for the control period starting on the later of January 1, 2009 or the deadline for meeting a CAIR NOx unit's monitor certification requirements under section 244-8.1(b)(1), (2), or (5) and for each control period thereafter. [244-1.6(c)(2)]



3) If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, the owners and operators of the CAIR NO_x source shall surrender the CAIR NO_x allowances required for deduction under 6NYCRR Part 244-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this permit, the Act, and applicable State law. [(244-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR NO_x source shall keep on site each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator:
[244-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 244-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 244-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 244-8, provided that to the extent that 6NYCRR Part 244-8 provides for a three year period for recordkeeping, the three year period shall apply.

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

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

Reporting Requirements: MARCH 1

Condition 42: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 244-2

Item 42.1:

The Compliance Certification activity will be performed for the facility:

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- 1) Each CAIR NOx source shall have one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 244-2.2, with regard to all matters under the CAIR NOx Annual Trading Program. The CAIR designated representative shall be selected by an agreement binding on the owners and operators of the source and act in accordance with the certification statement in 6NYCRR Part 244-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 244-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NOx source represented in all matters pertaining to the CAIR NOx Annual Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source.

- 2) Each submission under the CAIR NOx Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NOx source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Reporting Requirements: MARCH 1

Condition 43: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement: 6 NYCRR Subpart 244-8

Item 43.1:

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 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting NOX emissions

(1) The owners and operators, and to the extent applicable, the CAIR designated representative shall comply with all recordkeeping and reporting requirements in this condition, the applicable recordkeeping and reporting requirements under 40 CFR 75, and the requirements of 6NYCRR Part 244-2.1(e)(1).

(2) The CAIR designated representative shall submit quarterly reports of the the NOx mass emissions data and heat input data for each CAIR NOx unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under 6NYCRR Part 244-8.1(b), unless that quarter is the third or fourth quarter of 2007, in which case reporting shall commence in the quarter covering January 1, 2008 through March 31, 2008.

(3) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.73(f).

(4) For CAIR NOx units that are also subject to an Acid



Rain emissions limitation or the CAIR NO_x Ozone Season Trading Program, CAIR SO₂ Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NO_x mass emission data, heat input data, and other information required by this Subpart.

(5) 'Compliance certification.' The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) 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 6NYCRR Part 244 and 40 CFR Part 75, including the quality assurance procedures and specifications; and

(ii) for a unit with add-on NO_x emission controls and for all hours where NO_x data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NO_x emissions.

(6) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR part 75, data shall be substituted using the applicable missing data procedures in Subpart D or Subpart H of, or appendix D or appendix E to 40 CFR part 75. [244-8.3(a)]

(7) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under 6NYCRR Part 244-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record NO_x mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b) . Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration



profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site. Any fuel flowmeter system, and any excepted NOx monitoring system under appendix E to 40 CFR part 75, under 6NYCRR Part 244-8.1(a)(1) are subject to the recertification requirements in 40 CFR 75.20(g)(6). [224-8.2(d)(2)]

Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 3 calendar month(s).

Condition 44: CAIR SO2 Trading Program General Provisions
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 245-1

Item 44.1:

1) As of midnight of March 1, or midnight of the first business day thereafter (if March 1 is not a business day) for a control period, the owners and operators of each Clean Air Interstate Rule (CAIR) SO2 source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO2 allowances available for compliance deductions for the control period (January 1 through December 31) not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO2 units at the source. A CAIR SO2 allowance shall not be deducted, for compliance with the requirements under paragraph (2) of this section, for a control period in a calendar year before the year for which the CAIR SO2 allowance was allocated. [(245-1.2(b)(5), 245-1.6(c)(1), 245-1.2(b)(36), 245-1.6(c)(3)]

2) The owners and operators shall hold in their compliance account, CAIR SO2 allowances available for compliance deductions for the control period starting on the later of January 1, 2010 or the deadline for meeting a CAIR SO2 unit's monitor certification requirements under section 245-8.1(b)(1), (2), or (5) and for each control period thereafter. [245-1.6(c)(2)]

3) If a CAIR SO2 source emits sulfur dioxide during any control period in excess of the CAIR SO2 emissions limitation, the owners and operators of the source shall surrender the CAIR SO2 allowances required for deduction under 6NYCRR Part 245-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law. [(245-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR SO2 source shall keep on



site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator: [245-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 245-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 245-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 245-8, provided that to the extent that 6NYCRR Part 245-8 provides for a three-year period for recordkeeping, the three-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO₂ Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR SO₂ Trading Program or to demonstrate compliance with the requirements of the CAIR SO₂ Trading Program.

Condition 45: Designated CAIR Representative
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement: 6 NYCRR Subpart 245-2

Item 45.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 45.2:

1) Each CAIR SO₂ source shall have one and only one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 245-2.2, with regard to all matters under the CAIR SO₂ Trading Program. The CAIR designated representative of the CAIR SO₂ source shall be selected by an agreement binding on the owners and operators of the source and all CAIR SO₂ units at the source and shall act in accordance with the certification statement in 6NYCRR Part 245-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 245-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR SO₂ source represented and each CAIR SO₂ unit at the source in all matters pertaining to the CAIR SO₂ Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source or unit. [245-2.1(a), (b) & (c)]

(2) Each submission under the CAIR SO₂ Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR SO₂ source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under

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penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment." [245-2.1(e)]

Condition 46: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 245-8

Item 46.1:

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: 007446-09-5 SULFUR DIOXIDE

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting SO2 emissions:

1) The owners and operators, and to the extent applicable, the Clean Air Interstate Rule (CAIR) designated representative, of a CAIR SO2 unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in Subpart 6 NYCRR Part 245-8 and in 40 CFR Part 75, Subparts F and G. For purposes of complying with such requirements, the definitions in section 245-1.2 and 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR SO2 unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 245-1.2. The owner or operator of a unit that is not a CAIR SO2 unit but that is monitored under 40 CFR 75.16(b)(2) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR SO2 unit. [245-8.1]

2)The owner or operator of each CAIR SO2 unit shall:
[245-8.1(a)]



(i) install all monitoring systems required under this Subpart for monitoring SO₂ mass emissions and individual unit heat input (including all systems required to monitor SO₂ concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.11 and 40 CFR 75.16);

(ii) successfully complete all certification tests required under Part 245-8.2 and meet all other requirements of this section and 40 CFR Part 75 applicable to the monitoring systems under this section; and

(iii) record, report, and quality-assure the data from the monitoring systems under paragraph of this section.

3) The owner or operator shall meet the monitoring system certification and other requirements of section 245-8.1(a)(1) and (2) on or before the following dates. The owner or operator shall record, report, and quality-assure the data from the monitoring systems under section 245-8.1(a)(1) on and after the following dates. [245-8.1(b)]

(i) For the CAIR SO₂ unit that commences commercial operation before July 1, 2008, by January 1, 2009.

(ii) For the CAIR SO₂ unit that commences commercial operation on or after July 1, 2008, by the later of the following dates: January 1, 2009; or 90 unit operating days or 180 calendar days, whichever occurs first, after the date on which the unit commences commercial operation.

4) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under section 245-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record SO₂ mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b). Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include: replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site.



Any fuel flowmeter system under section 245-8.1(a)(1) is subject to the recertification requirements in 40 CFR 75.20(g)(6). [245-8.2(d)(2)]

5) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable missing data procedures in Subpart D of or appendix D to 40 CFR Part 75. [245-8.3(a)]

6) The CAIR designated representative shall comply with all recordkeeping and reporting requirements in section 245-8.3, the applicable recordkeeping and reporting requirements in Subparts F and G of 40 CFR Part 75, and the requirements of section 245-2.1(e)(1). [245-8.5(a)]

7) The owner or operator of a CAIR SO₂ unit shall comply with requirements of 40 CFR 75.62 for monitoring plans. [245-8.5(b)]

8) The CAIR designated representative shall submit an application to the department within 45 days after completing all initial certification or recertification tests required under section 245-8.2, including the information required under 40 CFR 75.63. [245-8.5(c)]

9) The CAIR designated representative shall submit quarterly reports of the SO₂ mass emissions data and heat input data for each CAIR SO₂ unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with: [245-8.5(d)(1)]

- i) the calendar quarter covering January 1, 2009 through March 31, 2009 for a unit that commences commercial operation before July 1, 2008; or
- ii) for a unit that commences commercial operation on or after July 1, 2008, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 245-8.1(b), unless that quarter is the third or fourth quarter of 2008, in which case reporting shall commence in the quarter covering January 1, 2009 through March 31, 2009.

10) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.64. [245-8.5(d)(2)]



11) For CAIR SO₂ units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x Annual Trading Program, CAIR NO_x Ozone Season Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the SO₂ mass emission data, heat input data, and other information required by this Subpart. [245-8.5(d)(3)]

12) The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) 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: [245-8.5(e)]

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; and

ii) for a unit with add-on SO₂ emission controls and for all hours where SO₂ data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate SO₂ emissions.

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 47: FIRING FUELS

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 47.1:

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

Condition 48: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 48.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel oil delivered to and received by this facility shall have a sulfur content not to exceed 0.20 percent by weight. The sulfur content derived from a fuel oil analysis will be certified to the facility by the supplier. The facility will retain on site, and make available to the Department representative fuel oil delivery records demonstrating that all fuel oil delivered to this facility meets this limit.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OIL (NOT ELSEWHERE CLASSIFIED)

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.2 percent by weight

Reference Test Method: 40 CFR 60.335

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 1/30/2015.

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

Condition 49: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 49.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 50.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 50.2:
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 51: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 51.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 51.2:

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 1/30/2015.

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

Condition 52: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

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

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Selkirk Cogen Partners, L.P. (SCP) shall install, calibrate, maintain and operate a continuous monitoring

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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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 53.1:
The Compliance Certification activity will be performed for the Facility.

Item 53.2:
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

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:
Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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 55: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 55.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 55.2:

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 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

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Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 3-2: Applicability of Subpart A General Provisions
Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 3-2.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-2.2:

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

Condition 56: EPA Region 2 address.
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 56.1:

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 3-3: Modification Notification
Effective between the dates of 04/05/2018 and 11/03/2019

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

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Item 3-3.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-3.2:

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 3-4: Recordkeeping requirements.

Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-4.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-4.2:

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 3-5: Performance testing timeline.

Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-5.1:

This Condition applies to:

Emission Unit: U00001

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Emission Unit: U00002

Item 3-5.2:

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 3-6: Performance test methods.

Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-6.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-6.2:

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 3-7: Required performance test information.

Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-7.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-7.2:

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 3-8: Prior notice.

Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-8.1:

This Condition applies to:

Emission Unit: U00001

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Emission Unit: U00002

Item 3-8.2:

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

Condition 3-9: Performance testing facilities.
Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-9.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-9.2:

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 3-10: Number of required tests.
Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-10.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-10.2:

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 3-11: Availability of information.
Effective between the dates of 04/05/2018 and 11/03/2019

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Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 3-11.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-11.2:

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 3-12: Circumvention.

Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 3-12.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-12.2:

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 3-13: Monitoring requirements.

Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 3-13.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-13.2:

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

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Condition 3-14: Modifications.

Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 3-14.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-14.2:

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 3-15: Reconstruction

Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 3-15.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-15.2:

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.

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Condition 3-16: CEMS

Effective between the dates of 04/05/2018 and 11/03/2019

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

Replaces Condition(s) 83, 175

Item 3-16.1:

This Condition applies to:

Emission Unit: U00001

Emission Unit: U00002

Item 3-16.2:

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 3-17: Compliance Certification

Effective between the dates of 04/05/2018 and 11/03/2019

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

Item 3-17.1:

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 3-17.2:

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 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 7/30/2018.

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

Condition 58: Compliance Certification

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Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 58.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 58.2:

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 1/30/2015.

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

Condition 3-18: Compliance Certification

Effective between the dates of 04/05/2018 and 11/03/2019

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

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Item 3-18.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 3-18.2:

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 59: Applicability

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 63, Subpart JJJJJJ

Item 59.1:

This Condition applies to:

Emission Unit: U00004

Item 59.2:

Facilities that are area sources of HAP with industrial, commercial, or institutional boilers must comply with applicable portions of 40 CFR 63 JJJJJJ.

Condition 60: Applicability

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 60.1:

This Condition applies to:

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Emission Unit: U00006

Item 60.2:

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

**Condition 61: Federal Cross-State Air Pollution Regulation (CSAPR)
Effective between the dates of 11/04/2014 and 11/03/2019**

Applicable Federal Requirement:40 CFR Part 97

Item 61.1: This facility is subject to the CSAPR requirements found in 40 CFR Part 97.

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

**Condition 62: Emission Point Definition By Emission Unit
Effective between the dates of 11/04/2014 and 11/03/2019**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 62.1(From Mod 0):

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 62.2(From Mod 0):

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 62.3(From Mod 0):

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

Emission Unit: U-00004

Emission Point: 00601

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Height (ft.): 82 Diameter (in.): 45
NYTMN (km.): 4714.209 NYTME (km.): 593.725

Emission Point: 00602
Height (ft.): 90 Diameter (in.): 66
NYTMN (km.): 4714.195 NYTME (km.): 593.713

Emission Point: 00605
Height (ft.): 70 Diameter (in.): 60
NYTMN (km.): 4714.176 NYTME (km.): 593.707

Emission Point: 00607
Height (ft.): 90 Diameter (in.): 72
NYTMN (km.): 4714.176 NYTME (km.): 593.72

Item 62.4(From Mod 0):

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

Item 62.5(From Mod 0):

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

Emission Unit: U-00006

Emission Point: 00006
Height (ft.): 12 Diameter (in.): 8
NYTMN (km.): 4714.33 NYTME (km.): 593.533 Building: STGBLDG

Condition 63: Process Definition By Emission Unit
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 63.1(From Mod 3):

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

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

Item 63.2(From Mod 3):

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 201-6.5(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: OODB1 - Combustion
Design Capacity: 204.6 million Btu per hour

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

Item 63.3(From Mod 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

Item 63.4(From Mod 3):

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 also 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 201-6.5(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: OODB1 - Combustion

Design Capacity: 204.6 million Btu per hour

Emission Source/Control: OOGT1 - Combustion

Design Capacity: 957.3 million Btu per hour

Item 63.5(From Mod 3):

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: Phase1, unit 1, duct burner firing natural gas.

Emission Source/Control: OODB1 - Combustion

Design Capacity: 204.6 million Btu per hour

Item 63.6(From Mod 3):

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:

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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 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 63.7(From Mod 3):

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 63.8(From Mod 3):

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 201-6.5(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

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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 63.9(From Mod 3):

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 201-6.5(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: OODB1 - Combustion
Design Capacity: 204.6 million Btu per hour

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

Item 63.10(From Mod 3):

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

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firing natural gas and with the gas turbine operating below the less of 784 MMBtu/hr and 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 63.11(From Mod 3):

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 201-6.5(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 63.12(From Mod 3):

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

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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 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 63.13(From Mod 3):

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

Emission Unit: U-00001
Process: IMO 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 201-6.5(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: OODB1 - Combustion
Design Capacity: 204.6 million Btu per hour

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

Item 63.14(From Mod 3):

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:

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One or two GE Frame 7 combustion turbines firing natural gas with or without the supplemental firing of one or two 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 63.15(From Mod 3):

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 201-6.5(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

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 63.16(From Mod 3):

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 63.17(From Mod 3):

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 63.18(From Mod 3):

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

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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 63.19(From Mod 3):

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 201-6.5(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

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 63.20(From Mod 3):

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

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

Note: This condition is included to provide for operational flexibility as defined by NYCRR Part 201-6.5(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 63.21(From Mod 0):

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

Emission Unit: U-00004
Process: B2G Source Classification Code: 1-03-006-02
Process Description:
Boiler No. 2 Murray Iron Works boiler firing natural gas.

Emission Source/Control: OBLR2 - Combustion
Design Capacity: 77 million Btu per hour

Item 63.22(From Mod 0):

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

Emission Unit: U-00004
Process: B2O Source Classification Code: 1-03-005-01
Process Description:
Boiler No. 2 Murray Iron Works boiler firing distillate oil or oil/gas.

Emission Source/Control: OBLR2 - Combustion
Design Capacity: 77 million Btu per hour



Item 63.23(From Mod 0):

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

Emission Unit: U-00004
Process: B3G Source Classification Code: 1-03-006-01
Process Description:
Boiler No. 3 Combustion Engineering A-Type package boiler
firing natural gas.

Emission Source/Control: OBLR3 - Combustion
Design Capacity: 180 million Btu per hour

Item 63.24(From Mod 0):

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

Emission Unit: U-00004
Process: B3O Source Classification Code: 1-03-005-01
Process Description:
Boiler No. 3 Combustion Engineering A-Type package boiler
firing distillate oil or oil/gas.

Emission Source/Control: OBLR3 - Combustion
Design Capacity: 180 million Btu per hour

Item 63.25(From Mod 0):

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

Emission Unit: U-00004
Process: B4G Source Classification Code: 1-03-006-01
Process Description:
Boiler No. 4 Babcock and Wilcox D-Type package boiler
firing natural gas.

Emission Source/Control: OBLR4 - Combustion
Design Capacity: 180 million Btu per hour

Item 63.26(From Mod 0):

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

Emission Unit: U-00004
Process: B4O Source Classification Code: 1-03-005-01
Process Description:
Boiler No. 4 Babcock and Wilcox D-Type package boiler
firing distillate oil or oil/gas.

Emission Source/Control: OBLR4 - Combustion
Design Capacity: 180 million Btu per hour

Item 63.27(From Mod 0):

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

Emission Unit: U-00004



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Process: B5G Source Classification Code: 1-03-006-01

Process Description:

Boiler No. 5 Babcock and Wilcox D-Type package boiler firing natural gas.

Emission Source/Control: OBLR5 - Combustion

Design Capacity: 180 million Btu per hour

Item 63.28(From Mod 0):

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

Emission Unit: U-00004

Process: B5O

Source Classification Code: 1-03-005-01

Process Description:

Boiler No. 5 Babcock and Wilcox D-Type package boiler firing distillate oil or oil/gas.

Emission Source/Control: OBLR5 - Combustion

Design Capacity: 180 million Btu per hour

Item 63.29(From Mod 0):

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

Item 63.30(From Mod 0):

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

Emission Unit: U-00006

Process: AUX

Source Classification Code: 2-01-001-02

Process Description:

Auxiliary generator rated at 3.39 MMBTU/hr firing # 2 fuel oil.

Emission Source/Control: OOAUX - Combustion

Design Capacity: 3.39 million Btu per hour

Condition 3-19: Compliance Certification

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Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Replaces Condition(s) 91

Item 3-19.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 3-19.2:

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 7/30/2018.

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

Condition 3-20: Compliance Certification

Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Replaces Condition(s) 92

Item 3-20.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):



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CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-20.2:

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 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 7/30/2018.

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

Condition 3-21: Compliance Certification
Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 227-2

Item 3-21.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 3-21.2:

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.



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SCP will submit to the Department a annual RACT NOx 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)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 66: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

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: 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 67: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 67.1:
The Compliance Certification activity will be performed for:

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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

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The concentration (ppmvdc), 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 occurrence), startup, malfunctions (as stated in the paragraph of subdivision 6 NYCRR Part 201-4(h)), 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 1/30/2015.

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

Condition 87: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 87.2:

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 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 1/30/2015.

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

Condition 88: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 88.2:

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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 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(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 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

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data and the loss of such component data for the entire hour. An hourly average NOX 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 (NOX or SO2) and the diluent monitor (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 1/30/2015.

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

**Condition 89: Standard for oxides of nitrogen.
Effective between the dates of 11/04/2014 and 11/03/2019**

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

Item 89.1:

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

Item 89.2:

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 90: Recordkeeping and reporting requirements.
Effective between the dates of 11/04/2014 and 11/03/2019**



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

Item 90.1:

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

Item 90.2:

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 93: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 93.2:

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 1/30/2015.

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

Condition 94: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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

Item 94.2:

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 1/30/2015.

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

Condition 95: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 95.2:

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



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Facility DEC ID: 4012200078

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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 96: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 96.2:
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 97: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 97.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS



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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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 1/30/2015.

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

Condition 98: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AG

Regulated Contaminant(s):

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

Item 98.2:

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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

Condition 99: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AG

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

Item 99.2:

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 1/30/2015.

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

Condition 100: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AG Emission Source: OOGT1

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

Item 100.2:

New York State Department of Environmental Conservation

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 the gas turbine emission limit was demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 101: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 101.1:

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 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit demonstrated during initial performance testing. 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)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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



Condition 102: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AG Emission Source: OOGT1

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

Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 103: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AO

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

Item 103.2:

Compliance Certification shall include the following monitoring:

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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 201-6.5(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 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 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 1/30/2015.

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

Condition 104: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AO

Regulated Contaminant(s):

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

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 104.2:

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 201-6.5(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 1/30/2015.

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

Condition 105: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AO

Emission Source: OOGT1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 105.2:

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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 201-6.5(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 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. Compliance with the gas turbine emission limit demonstrated during initial performance testing. 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 106: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AO

Emission Source: OOGT1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 106.2:

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

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201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 107: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1AO Emission Source: OOGT1

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

Item 107.2:
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 201-6.5(f)(1) - Alternate Operating Scenarios.
Operational flexibility in this instance, ensures that the

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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.

Compliance with the gas turbine emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 108: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1BG

Emission Source: OOGT1

Regulated Contaminant(s):

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

Item 108.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit was demonstrated during initial performance testing.

The emission rate limit is a discrete one hour average



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

Upper Permit Limit: 0.0040 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 109: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1BG Emission Source: OOGT1

Regulated Contaminant(s):
CAS No: ONY075-00-5 PM-10

Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit was demonstrated during initial performance testing. 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: 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 110: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 110.1:

The Compliance Certification activity will be performed for:



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Emission Unit: U-00001
Process: 1BG

Emission Point: 00001
Emission Source: OOGT1

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

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit was demonstrated during initial performance testing.

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: 0.0040 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 1/30/2015.

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

Condition 111: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 111.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 1BG

Emission Point: 00001
Emission Source: OOGT1

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

Item 111.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit was demonstrated during initial performance testing. The emission rate limit is a discrete one hour average based

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

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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 112: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1BO Emission Source: OOGT1

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

Item 112.2:

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 201-6.5(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 baseload emission limit demonstrated during initial performance testing. 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

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



F.

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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 113: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1BO Emission Source: OOGT1

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

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 201-6.5(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 baseload emission limit demonstrated during initial performance testing. 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.

New York State Department of Environmental Conservation

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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 114: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1BO Emission Source: OOGT1

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

Item 114.2:

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 201-6.5(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 baseload emission limit demonstrated during initial performance testing. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission



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Permit ID: 4-0122-00078/00013

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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
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 115: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1BO Emission Source: OOGT1

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

Item 115.2:

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 201-6.5(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 baseload emission limit demonstrated during initial performance testing. 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.



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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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 116: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1DB Emission Source: OODB1

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

Item 116.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit was demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 117: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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



New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Process: 1DB

Emission Source: OODB1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 117.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 118: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

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: 1DB

Emission Source: OODB1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (10-25% load) emission limit demonstrated during initial performance testing. 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

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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 1/30/2015.

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

Condition 119: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1DB

Emission Source: OODB1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 119.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit demonstrated during initial performance testing.

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 1/30/2015.

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

Condition 120: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 120.1:

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



New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit was demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 121: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 121.1:

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 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (10-25% load) emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

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Permit ID: 4-0122-00078/00013

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Condition 122: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1DB Emission Source: OODB1

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

Item 122.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (25-50% load) emission limit demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 123: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1DB Emission Source: OODB1

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

Item 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Compliance with the duct burner (25-50% load) emission limit demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 124: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 124.1:

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 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit was demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 125: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 125.1:

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 125.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 126: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1DB Emission Source: OODB1

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

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit was demonstrated during initial performance testing. 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: 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 127: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1DB Emission Source: OODB1

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

Item 127.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit was demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 128: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: 1GL Emission Source: OOGT1



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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the particulate emission limit was demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 129: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

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: IGL Emission Source: OOGT1

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

Item 129.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the particulate emission limit was demonstrated during initial performance testing. 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



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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 130: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 130.1:

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 130.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with gas turbine emission limit was demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 131: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 131.1:

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

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 131.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with gas turbine emission limit was demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 132: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: IHG

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 132.2:

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



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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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 1/30/2015.
Subsequent reports are due every 3 calendar month(s).

Condition 133: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 133.1:

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 133.2:

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 1/30/2015.

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

Condition 134: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 134.1:

The Compliance Certification activity will be performed for:



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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Emission Unit: U-00001
Process: 1HG

Emission Point: 00001
Emission Source: OOGT1

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

Item 134.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 135: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 1HO

Emission Point: 00001

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

Item 135.2:

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 201-6.5(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. 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 1/30/2015.
Subsequent reports are due every 3 calendar month(s).

Condition 136: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 136.1:
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 136.2:
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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201-6.5(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. 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 1/30/2015.
 Subsequent reports are due every 3 calendar month(s).

Condition 137: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 137.1:
 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 137.2:
 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



201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 138: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 138.1:

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 138.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Monitoring Description:

Compliance with the gas turbine low flow emission limit demonstrated during initial performance testing. 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, 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 201-6.5(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 1/30/2015.

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

Condition 139: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 139.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1LF

Emission Source: OOGT 1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 139.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Monitoring Description:

Compliance with the gas turbine low flow emission limit demonstrated during initial performance testing. 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, 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 201-6.5(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 140: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 140.1:

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 140.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine low flow emission limit demonstrated during initial performance testing. The

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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, 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 201-6.5(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 1/30/2015.

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

Condition 141: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 141.1:

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 141.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine low flow emission limit demonstrated during initial performance testing. 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, 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 201-6.5(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 142: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 142.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1LG

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

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. 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



New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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 1/30/2015.

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

Condition 143: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 143.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1LG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 143.2:

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 1/30/2015.

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

Condition 144: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 144.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1LG

Emission Source: OOGT1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 144.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 145: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 145.1:

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 145.2:

New York State Department of Environmental Conservation

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 201-6.5(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 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 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 1/30/2015.

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

Condition 146: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 146.1:

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 146.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

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 201-6.5(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 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 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 1/30/2015.

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

Condition 147: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 147.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 1LO

Emission Source: OOGT 1

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 147.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

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 201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 148: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: IMG

Emission Point: 00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 148.2:

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.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 1/30/2015.

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

Condition 149: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 149.1:

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 149.2:

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)



New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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 1/30/2015.
Subsequent reports are due every 3 calendar month(s).

Condition 150: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 150.1:

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 150.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine emission limit demonstrated during initial performance testing. 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 151: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 151.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Emission Unit: U-00001
Process: 1MO

Emission Point: 00001

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

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 201-6.5(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. 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 1/30/2015.

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

Condition 152: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 152.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Emission Unit: U-00001
Process: 1MO

Emission Point: 00001

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

Item 152.2:

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 201-6.5(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. 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 1/30/2015.

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

Condition 153: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 153.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Emission Unit: U-00001
Process: 1MO

Emission Point: 00001
Emission Source: OOGT1

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

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 201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 3-22: Compliance Certification

Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6



Replaces Condition(s) 154

Item 3-22.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 3-22.2:

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 (NO_x) and shall limit the emissions of NO_x 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 7/30/2018.

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

Condition 3-23: Compliance Certification

Effective between the dates of 04/05/2018 and 11/03/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Replaces Condition(s) 155

Item 3-23.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-23.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

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 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 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 7/30/2018.

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

Condition 154: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 154.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 154.2:

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



New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Averaging Method: 2-HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 156: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 156.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 156.2:
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 157: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 157.1:
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

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 157.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The concentration (ppmvdc), 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 occurrence), startup, malfunctions (as stated in the paragraph of subdivision 6 NYCRR Part 201-4(h)), 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 1/30/2015.

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

Condition 158: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 158.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 158.2:

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 1/30/2015.

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

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Permit ID: 4-0122-00078/00013

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Condition 159: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 159.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 159.2:

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 1/30/2015.

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

Condition 178: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 178.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23G

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 178.2:

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

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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



input corresponding to the higher heating value of the fuel.
Emissions are continuously monitored and may be recorded by the existing Perkin Elmer MCS100 or alternatively using a calculation in the DAHS based on
$$\text{NH3Adj} = ((A-(B*C/1,000,000))*(1,000,000/B))*D$$
 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 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: Perkin Elmer MCS100

Upper Permit Limit: 10 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 1/30/2015.

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

Condition 179: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 179.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23G

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 179.2:

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 value of the fuel.

Emissions are continuously monitored and may be recorded by the existing Perkin Elmer MCS100 or alternatively using a calculation in the DAHS based on

$NH3Adj = ((A-(B*C/1,000,000))*(1,000,000/B))*D$ 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 NOx ppm@15% O2 across the catalyst (Inlet NOx - Outlet NOx)

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

$D = RM \text{ average} / CEMS \text{ average}$

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.

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: Perkin Elmer MCS100

Upper Permit Limit: 15.5 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 1/30/2015.

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

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Permit ID: 4-0122-00078/00013

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Condition 180: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 180.1:

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 180.2:

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 1/30/2015.

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

Condition 181: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 181.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23G



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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Regulated Contaminant(s):

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

Item 181.2:

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 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 1/30/2015.

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

Condition 182: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 182.1:

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 182.2:

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.



New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 3 calendar month(s).

Condition 183: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 183.1:

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 183.2:

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 1/30/2015.
Subsequent reports are due every 3 calendar month(s).

Condition 184: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 184.1:

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 184.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 185: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 185.1:

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 185.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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

Condition 187: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 187.1:

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 187.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 188: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 188.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 188.2:

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 201-6.5(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. 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 1/30/2015.

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

Condition 189: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 189.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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

Item 189.2:

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 201-6.5(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. 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 1/30/2015.

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

Condition 190: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 190.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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

Item 190.2:

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 201-6.5(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.

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 1/30/2015.

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

Condition 191: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 191.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



CAS No: 007664-41-7 AMMONIA

Item 191.2:

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 value of the fuel.

Emissions are continuously monitored and may be recorded by the existing Perkin Elmer MCS100 or alternatively using a calculation in

the DAHS based on

$NH3Adj = ((A-(B*C/1,000,000))*(1,000,000/B))*D$ 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 NOx ppm@15% O2 across the catalyst (Inlet NOx - Outlet NOx)

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

$D = RM \text{ average} / CEMS \text{ average}$

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 201-6.5(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

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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: Perkin Elmer MCS100

Upper Permit Limit: 10 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 1/30/2015.

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

Condition 192: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 192.1:

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 192.2:

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 201-6.5(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.



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Permit ID: 4-0122-00078/00013

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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 1/30/2015.

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

Condition 193: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 193.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 23O

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 193.2:

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 value of the fuel. Emissions are continuously monitored and may be recorded by the existing Perkin Elmer MCS100 or alternatively using a calculation in the DAHS based on
$$NH3Adj = ((A-(B*C/1,000,000))*(1,000,000/B)*D$$
 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)

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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



annually)

$D = \text{RM average} / \text{CEMS average}$

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 201-6.5(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. 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: Perkin Elmer MCS100

Upper Permit Limit: 16.0 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 1/30/2015.

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

Condition 194: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 194.1:

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 194.2:

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 201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 195: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 195.1:

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 195.2:

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 201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 196: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 196.1:

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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 196.2:

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 201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 197: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 197.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Process: 230

Emission Source: OGT23

Regulated Contaminant(s):

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

Item 197.2:

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 201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 198: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 198.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 230

Emission Source: OGT23

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



CAS No: 007664-93-9 SULFURIC ACID

Item 198.2:

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 201-6.5(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 demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 199: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 199.1:

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 199.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

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 201-6.5(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 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.

Compliance with the gas turbine emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 200: Standard for oxides of nitrogen.

Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 200.1:

This Condition applies to Emission Unit: U-00002

Process: 2DB

Item 200.2:

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.

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Condition 201: Recordkeeping and reporting requirements.
Effective between the dates of 11/04/2014 and 11/03/2019

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

Item 201.1:

This Condition applies to Emission Unit: U-00002
Process: 2DB

Item 201.2:

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 202: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 202.1:

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 202.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (10-25% load) emission limit demonstrated during initial performance testing.
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 203: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Item 203.1:

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 203.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit demonstrated during initial performance testing.

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 1/30/2015.

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

Condition 204: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 204.1:

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 204.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit demonstrated during initial performance testing.

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



New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 205: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 205.1:

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 205.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (100% load) emission limit demonstrated during initial performance testing.
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 206: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 206.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 2DB Emission Source: ODB23

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 206.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (10-25% load) emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 207: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 207.1:

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 207.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit demonstrated during initial performance testing. 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)



New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078

Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 208: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 208.1:

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 208.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 209: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 209.1:

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 209.2:



New York State Department of Environmental Conservation

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 the duct burner emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 210: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 210.1:

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 210.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 211: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 211.1:

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 211.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 212: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 212.1:

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 212.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the duct burner (25-50% load) emission

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Facility DEC ID: 4012200078



limit demonstrated during initial performance testing.
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 213: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 213.1:

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 213.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Compliance with the duct burner (25-50% load) emission
limit demonstrated during initial performance testing.
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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 214: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 214.1:



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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: 2GB

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: ONY075-00-5 PM-10

Item 214.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 215: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 215.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2GB

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: ONY075-00-0 PARTICULATES

Item 215.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit demonstrated during initial performance testing. The emission rate limit is a discrete one hour average based on the higher heating value of the fuel. The emission

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Permit ID: 4-0122-00078/00013

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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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 216: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 216.1:

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 216.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit demonstrated during initial performance testing. 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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 217: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

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Permit ID: 4-0122-00078/00013

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Item 217.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2GB

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: ONY075-00-5 PM-10

Item 217.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the gas turbine baseload emission limit demonstrated during initial performance testing. 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 1/30/2015.

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

Condition 218: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 218.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 2GL

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: ONY075-00-5 PM-10

Item 218.2:

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

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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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 219: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 219.1:

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 219.2:

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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 220: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

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Permit ID: 4-0122-00078/00013

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Item 220.1:

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 220.2:

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 1/30/2015.

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

Condition 221: Compliance Certification

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 221.1:

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 221.2:

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

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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 223: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 223.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 2OB Emission Source: OGT23

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

Item 223.2:

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 201-6.5(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 baseload emission limit demonstrated

during initial performance testing. 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.

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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 1/30/2015.

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

Condition 227: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 227.1:

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 227.2:

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 201-6.5(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 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 1/30/2015.

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

New York State Department of Environmental Conservation

Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



Condition 228: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 228.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 20L

Emission Source: OGT23

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 228.2:

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 201-6.5(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 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 1/30/2015.

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

Condition 229: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019



Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 229.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002

Item 229.2:

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 1/30/2015.

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

**Condition 230: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019**

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 230.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002

Item 230.2:

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

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Permit ID: 4-0122-00078/00013

Facility DEC ID: 4012200078



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 1/30/2015.

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

Condition 231: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 231.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00003

Item 231.2:

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 1/30/2015.

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

Condition 232: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 232.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00003

Item 232.2:

Compliance Certification shall include the following monitoring:

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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 1/30/2015.

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

Condition 233: Compliance Certification
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 233.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Item 233.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

With the exceptions that follow, simultaneous operation of the combustion turbines and the auxiliary boilers is not permitted.

a) If only one gas turbine is operating, SCP boilers (601 or #2, 602 or #3, 605 or #4, 607 or #5) may be operated, in any combination (at a total combined boiler firing rate not to exceed 120 MMBtu/hr).

b) Boiler #3 may be fired at any time, at a firing rate not to exceed 80 MMBtu/hr. Boiler #2 may be fired in place of Boiler #3, if Boiler #3 is not available.

c) The SCP Boilers (601, 602, 605, 607) may also operate simultaneously with the cogen units in conjunction with necessary corrective boiler maintenance, not to exceed four hours per occurrence; necessary scheduled boiler maintenance, not to exceed one hour per occurrence; and during cold start-up or shutdown of the cogen facility, as follows:

d) The SCP boilers may be operated, in any combination at

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a total combined boiler firing rate above 120 MMBtu/hr for no longer than 2 hours, prior to the shutdown, or after the start-up of a cogen unit.

This requirement is incorporated to satisfy concerns raised by the Federal Land Manager with respect to the potential for increases in acid rain deposition at Bourn Pond and other aquatic resources in the Lye Brook Wilderness (LBW) Area, a mandatory Class 1 area. It has been determined that the operations of the "integrated" facility with the existing boilers as specified in this condition would result in no net increase in sulfur and nitrogen depositions in the LBW, where aquatic Air Quality Related Value (AQRV) has been designated to be adversely affected.

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 1/30/2015.

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



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and



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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 234: Contaminant List

Effective between the dates of 11/04/2014 and 11/03/2019

Applicable State Requirement:ECL 19-0301

Item 234.1:

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



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

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

Condition 235: Malfunctions and start-up/shutdown activities
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable State Requirement:6 NYCRR 201-1.4

Item 235.1:

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

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 236: Visible Emissions Limited
Effective between the dates of 11/04/2014 and 11/03/2019



Applicable State Requirement:6 NYCRR 211.2

Item 236.1:

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 237: Compliance Demonstration
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable State Requirement:6 NYCRR 242-1.5

Item 237.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 237.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- (1) The owners and operators of each CO₂ budget source and each CO₂ budget unit at the source shall hold CO₂ allowances available for compliance deductions under Section 242-6.5, as of the CO₂ allowance transfer deadline, in the source's compliance account in an amount not less than the total CO₂ emissions for the control period from all CO₂ budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.
- (2) Each ton of CO₂ emitted in excess of the CO₂ budget emissions limitation shall constitute a separate violation of this Part and applicable state law.
- (3) A CO₂ budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1,

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2009 or the date on which the unit commences operation.

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 238: Compliance Demonstration
Effective between the dates of 11/04/2014 and 11/03/2019

Applicable State Requirement:6 NYCRR Subpart 242-8

Item 238.1:

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 238.2:

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 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:

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(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 1/30/2015.

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