



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 3-5542-00019/00007  
Effective Date: 05/23/2016 Expiration Date: 05/22/2026

Permit Issued To: NYS DEPT OF CORRECTIONS AND COMMUNITY SUPERVISION  
BLDG 9 - STATE OFFICE BUILDING CAMPUS  
1220 WASHINGTON AVE 4TH FL  
ALBANY, NY 12226

Contact: KEITH D RUPERT  
NYS DEPT OF CORRECTIONAL SERVICES  
1220 WASHINGTON AVE  
ALBANY, NY 12226  
(518) 485-5576

Facility: SING SING CORRECTIONAL FACILITY  
354 HUNTER ST  
OSSINING, NY 10562

Contact: BRUCE CARVER  
345 HUNTER STREET  
OSSINING, NY 10562  
(914) 941-0108

Description:

Renewal 1 addresses several changes to the current permit. Boiler sizes have been changed to represent the correct values. The three sizes for the boilers have been changed from 76, 76 and 76 mmBtu/hr to 72.3, 72.3 and 27.5 mmBtu/hr. The 201-7 emission capping equations for NO<sub>x</sub>, SO<sub>2</sub>, CO and VOC have been revised. Sulfur in fuel limits have been added under NYCRR Part 225, effectively superseding the past requirements in 40 CFR Part 60 Subpart Dc. General conditions for 40 CFR Part 63 Subparts ZZZZ and JJJJJ have also been added. These two regulations are currently not delegated to the state and therefore don't include any specific requirements in the conditions.

The Sing Sing Correctional Facility is located in Westchester County, New York. Heating needs are met by the operation of three dual fuel-fired boilers using natural gas as the primary fuel and No. 2 fuel oil as the backup fuel. The three boilers are sized at 72.3, 72.3 and 27.5 mmBtu/hr. The facility also operates three diesel generators enrolled in a demand response program, sized at 1600, 400 and 300 kW. Other sources of emissions include facility maintenance, exempt combustion sources, fuel storage tanks and vocational activities.

The facility is subject to the following regulations: 6 NYCRR Parts 201, 211, 225-1.2, 227-1.3 and 40 CFR Part 63, Subparts ZZZZ and JJJJJ.



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:           GEORGE A SWEIKERT  
  NYSDEC - REGION 3  
  21 S PUTT CORNERS RD  
  NEW PALTZ, NY 12561-1696

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
- Permit modifications, suspensions or revocations by the Department

**Facility Level**

- Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS



**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**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 renewal application at least 180 days before expiration of permits for both Title V and State Facility Permits.

**Item 3.3:**

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

**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 3 HEADQUARTERS**

**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

**New York State Department of Environmental Conservation**

Permit ID: 3-5542-00019/00007

Facility DEC ID: 3554200019



**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY  
PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: NYS DEPT OF CORRECTIONS AND COMMUNITY SUPERVISION  
BLDG 9 - STATE OFFICE BUILDING CAMPUS  
1220 WASHINGTON AVE 4TH FL  
ALBANY, NY 12226

Facility: SING SING CORRECTIONAL FACILITY  
354 HUNTER ST  
OSSINING, NY 10562

Authorized Activity By Standard Industrial Classification Code:  
9223 - CORRECTIONAL INSTITUTIONS

Permit Effective Date: 05/23/2016

Permit Expiration Date: 05/22/2026



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 6 6 NYCRR 211.1: Air pollution prohibited
- 7 6 NYCRR 225-1.2 (f): Compliance Demonstration
- 8 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 9 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 10 40CFR 63, Subpart JJJJJ: Compliance Demonstration
- 11 40CFR 63, Subpart ZZZZ: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 12 ECL 19-0301: Contaminant List
- 13 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 14 6 NYCRR Subpart 201-5: Emission Unit Definition
- 15 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 16 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 17 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

- 18 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6 NYCRR 200.5**

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6**

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

**Item C: Maintenance of Equipment - 6 NYCRR 200.7**

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.

**Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2**

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Item E: Recycling and Salvage - 6 NYCRR 201-1.7**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

**Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8**

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.

**Item G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Item H: Proof of Eligibility for Sources Defined as Trivial**





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**Item 2.2:**

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

**Item 2.3:**

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

**Item 2.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 2.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 2.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 2.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Sulfur Dioxide (SO<sub>2</sub>) emissions from the facility will be limited to 90 tons in any consecutive 12 month period. The facility shall utilize the following mathematical relationship to determine compliance:

$$(A*EF1) + (B*EF2) + (C*EF3) + (D*EF4) < 180,000 \text{ lbs SO}_2 \text{ (90 tpy)}$$

A = Total natural gas, in millions of cubic feet, fired in all facility boilers (including exempt boilers)

EF1 = 0.6 lbs SO<sub>2</sub> / 10<sup>6</sup> scf natural gas

B = Total No. 2 fuel oil, in thousands of gallons, fired in all facility boilers (including exempt boilers)

EF2 = 0.21 lbs SO<sub>2</sub> / 1000 gals No. 2 fuel oil

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C = Total diesel fuel, in gallons, fired in generator  
00G01 (1600 kW)  
EF3 = 0.0002 lbs SO<sub>2</sub> / gal diesel fuel  
D = Total diesel fuel, in gallons, fired in generators  
00G02 and 00G03 (400 kW and 300 kW)  
EF4 = 0.039 lbs SO<sub>2</sub> / gal diesel fuel

SO<sub>2</sub> emissions will be monitored on a monthly basis using a 12-month total, rolled monthly. The facility will submit an annual capping certification along with supporting data for the boiler and generator fuel use and emission calculations. Records must also be maintained on-site.

Emission Factors:

EF1 and EF2 are taken from USEPA AP-42 Tables 1.4-2 and 1.3-1, respectively.  
EF3 and EF4 are taken from USEPA AP-42 Tables 3.4-1 and 3.3-1, respectively. Heat content of diesel fuel is assumed to be 135,000 Btu/gal.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 90 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 3: Capping Monitoring Condition**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 3.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 3.2:**

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

**Item 3.3:**

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

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other state and federal air pollution control requirements, regulations or law.

**Item 3.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 3.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 3.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 3.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Oxides of Nitrogen (NOx) emissions from the facility will be limited to 24.9 tons in any consecutive 12 month period. The facility shall utilize the following mathematical relationship to determine compliance:

$$(A*EF1) + (B*EF2) + (C*EF3) + (D*EF4) < 49,800 \text{ lbs NOx (24.9 tpy)}$$

A = Total natural gas, in millions of cubic feet, fired in all facility boilers (including exempt boilers)

EF1 = 100 lbs NOx / 10<sup>6</sup> scf natural gas

B = Total No. 2 fuel oil, in thousands of gallons, fired in all facility boilers (including exempt boilers)

EF2 = 20 lbs NOx / 1000 gals No. 2 fuel oil

C = Total diesel fuel, in gallons, fired in generator 00G01 (1600 kW)

EF3 = 0.43 lbs NOx / gal diesel fuel

D = Total diesel fuel, in gallons, fired in generators 00G02 and 00G03 (400 kW and 300 kW)

EF4 = 0.60 lbs NOx / gal diesel fuel

NOx emissions will be monitored on a monthly basis using a

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12-month total, rolled monthly. The facility will submit an annual capping certification along with supporting data for the boiler and generator fuel use and emission calculations. Records must also be maintained on-site.

**Emission Factors:**

EF1 and EF2 are taken from USEPA AP-42 Tables 1.4-1 and 1.3-1, respectively.

EF3 and EF4 are taken from USEPA AP-42 Tables 3.4-1 and 3.3-1, respectively. Heat content of diesel fuel is assumed to be 135,000 Btu/gal.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 4: Capping Monitoring Condition**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 4.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

**Item 4.2:**

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

**Item 4.3:**

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

**Item 4.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an





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The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 5.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Carbon Monoxide (CO) emissions from the facility will be limited to 90 tons in any consecutive 12 month period. The facility shall utilize the following mathematical relationship to determine compliance:

$$(A*EF1) + (B*EF2) + (C*EF3) + (D*EF4) < 180,000 \text{ lbs CO (90 tpy)}$$

A = Total natural gas, in millions of cubic feet, fired in all facility boilers (including exempt boilers)

EF1 = 84 lbs CO / 10<sup>6</sup> scf natural gas

B = Total No. 2 fuel oil, in thousands of gallons, fired in all facility boilers (including exempt boilers)

EF2 = 5 lbs CO / 1000 gals No. 2 fuel oil

C = Total diesel fuel, in gallons, fired in generator 00G01 (1600 kW)

EF3 = 0.11 lbs CO / gal diesel fuel

D = Total diesel fuel, in gallons, fired in generators 00G02 and 00G03 (400 kW and 300 kW)

EF4 = 0.13 lbs CO / gal diesel fuel

CO emissions will be monitored on a monthly basis using a 12-month total, rolled monthly. The facility will submit an annual capping certification along with supporting data for the boiler and generator fuel use and emission calculations. Records must also be maintained on-site.

Emission Factors:

EF1 and EF2 are taken from USEPA AP-42 Tables 1.4-1 and 1.3-1, respectively.

EF3 and EF4 are taken from USEPA AP-42 Tables 3.4-1 and 3.3-1, respectively. Heat content of diesel fuel is assumed to be 135,000 Btu/gal.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 90 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 6: Air pollution prohibited**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 6.1:**

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 7: Compliance Demonstration**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (f)**

**Item 7.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0GENS

Process: DSL

Emission Unit: 0-0MAIN

Process: TWO

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility shall not purchase distillate fuel with a sulfur content exceeding 0.0015 percent by weight. Facilities shall maintain records that name the oil supplier and certify sulfur in fuel content is in compliance for every delivery. These records shall be maintained onsite and made available for Department review upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES



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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 8: Compliance Demonstration**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (h)**

**Item 8.1:**

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

Emission Unit: 0-0GENS  
Process: DSL

Emission Unit: 0-0MAIN  
Process: TWO

**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility shall not fire distillate fuel containing sulfur exceeding 0.0015% by weight, after July 1, 2016. Facilities shall maintain records that name the oil supplier and certify sulfur in fuel content is in compliance for every delivery. These records shall be maintained on site and made available for Department review upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES

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 9: Compliance Demonstration**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

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

**Item 9.1:**





**Applicable Federal Requirement:40CFR 63, Subpart ZZZZ**

**Item 11.1:**

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

Emission Unit: 0-0GENS

**Item 11.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility's generators are subject to the applicable sections of 40 CFR 63 Subpart ZZZZ. Any questions concerning compliance and/or enforcement of this regulation should be referred to the USEPA.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



**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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)**

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.



Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

**Item C: 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 only enforceable.**

**Condition 12: Contaminant List**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable State Requirement:ECL 19-0301**

**Item 12.1:**

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

CAS No: 000630-08-0  
Name: CARBON MONOXIDE

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

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

CAS No: 0NY998-00-0



Name: VOC

**Condition 13: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 13.1:**

(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 14: Emission Unit Definition**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 14.1:**

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

New York State Department of Environmental Conservation

Permit ID: 3-5542-00019/00007

Facility DEC ID: 3554200019



Emission Unit: 0-0GENS

Emission Unit Description:

Three diesel generators enrolled in a demand response program. The generators are sized at 1600, 400 and 300 kW.

Building(s): 20  
52  
88

**Item 14.2:**

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

Emission Unit: 0-0MAIN

Emission Unit Description:

Two 72.3 mmBtu/hr boilers and one 27.5 mmBtu/hr boiler are located in the powerhouse. All of the boilers are dual fuel-fired, using natural gas as the primary fuel and No. 2 fuel oil as a backup fuel. All three boilers vent to individual stacks.

Building(s): 52

**Condition 15: Renewal deadlines for state facility permits**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable State Requirement:6 NYCRR 201-5.2 (c)**

**Item 15.1:**

The owner or operator of a facility having an issued state facility 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.

**Condition 16: Compliance Demonstration**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable State Requirement:6 NYCRR 201-5.3 (c)**

**Item 16.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation

**New York State Department of Environmental Conservation**

Permit ID: 3-5542-00019/00007

Facility DEC ID: 3554200019



Region 3  
21 South Putt Corners Rd.  
New Paltz, NY 12561

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 17: Visible Emissions Limited**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 17.1:**

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.

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

**Condition 18: Emission Point Definition By Emission Unit**  
**Effective between the dates of 05/23/2016 and 05/22/2026**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 18.1:**

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

Emission Unit: 0-0GENS

Emission Point: GEN01

Height (ft.): 9 Diameter (in.): 8

NYTMN (km.): 4556.2 NYTME (km.): 595.1 Building: 52

Emission Point: GEN02

Height (ft.): 7 Diameter (in.): 12

NYTMN (km.): 4556.2 NYTME (km.): 595.1 Building: 20

Emission Point: GEN03

Height (ft.): 48 Diameter (in.): 4

NYTMN (km.): 4556.2 NYTME (km.): 595.1 Building: 88

**Item 18.2:**

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

Emission Unit: 0-0MAIN

Emission Point: BLR01

**New York State Department of Environmental Conservation**  
Permit ID: 3-5542-00019/00007 Facility DEC ID: 3554200019



Height (ft.): 52	Diameter (in.): 48	
NYTMN (km.): 4556.2	NYTME (km.): 595.1	Building: 52
Emission Point: BLR02		
Height (ft.): 52	Diameter (in.): 48	
NYTMN (km.): 4556.2	NYTME (km.): 595.1	Building: 52
Emission Point: BLR03		
Height (ft.): 52	Diameter (in.): 48	
NYTMN (km.): 4556.2	NYTME (km.): 595.1	Building: 52

