

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

**Facility Identification Data**

Name: ROSETON GENERATING STATION

Address: 992 RIVER RD|Along Danskammer Rd and River Rd  
NEWBURGH, NY 12550

**Owner/Firm**

Name: ROSETON GENERATING LLC

Address: 811 MAIN ST STE 3500  
HOUSTON, TX 77002, USA

Owner Classification: Corporation/Partnership

**Permit Contacts**

Division of Environmental Permits:

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625 BROADWAY

ALBANY, NY 12233-1750

Phone:

Division of Air Resources:

Name: ALYSSA N ARKET

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21 S Putt Corners Rd

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Air Permitting Contact:

Name: ERIC J SHAW

Address: ROSETON GENERATING LLC

992 RIVER RD

NEWBURGH, NY 12550

Phone:8455634936

**Permit Description**

**Introduction**

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

**Summary Description of Proposed Project**

Renewal 4 of the Air Title V Facility for Roseton Generating Station. There have been no changes to the existing power plant. A Climate Leadership and Community Protection Act (CLCPA) assessment is not required since this permit is for a straight renewal and no modifications are being proposed. Oxides of

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

nitrogen (NOx) modeling is required as part of the ATV permit renewal process.

**Attainment Status**

ROSETON GENERATING STATION is located in the town of NEWBURGH in the county of ORANGE. The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	MODERATE NON-ATTAINMENT
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

\* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

\*\* NOx has a separate ambient air quality standard in addition to being an ozone precursor.

**Facility Description:**

Roseton Generating Station is located in the Town of Newburgh, Orange County. The facility operates two Combustion Engineering, tangentially-fired, steam generating boilers, each rated at 600 MW. Both units are capable of firing No. 6 fuel oil and natural gas as primary fuels. In addition, both units are capable of firing natural gas or No. 2 fuel oil as their ignition fuel during warm-up. The facility also operated one 32.7 mmBtu/hr natural gas-fired auxiliary boiler that supplies steam heating to various on-site buildings, tanks, and fuel oil lines. Two emergency diesel generators sized at 850 hp and 300 hp are also located on-site. Roseton is considered a major facility and is therefore subject to the provisions of the Title V specified under 6 NYCRR Subpart 201-6.

**Permit Structure and Description of Operations**

The Title V permit for ROSETON GENERATING STATION is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process. A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

**Division of Air Resources**  
**Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

combustion - devices which burn fuel to generate heat, steam or power  
incinerator - devices which burn waste material for disposal  
control - emission control devices  
process - any device or contrivance which may emit air contaminants  
that is not included in the above categories.

ROSETON GENERATING STATION is defined by the following emission unit(s):

Emission unit UR0002 - Roseton Unit 2 is a 600 MW Combustion Engineering, tangentially-fired steam generating boiler. The unit began commercial operation in September of 1974 and was modified in December of 1991 to enable the unit to co-fire or exclusively fire natural gas, in addition to No. 6 fuel oil.

Emission unit UR0002 is associated with the following emission points (EP):  
00002

Process: R2G is located at Unit 2, Building ROSE2 - The combustion of natural gas in Unit 2. The heat input of the boiler is rated at 6597 MMBtu/hr for natural gas firing. Particulate emissions are controlled by a mechanical dust collector. Emissions of NOx are reduced through the use of "burners out of service" (BOOS) controls and windbox flue gas recirculation. Natural gas is used for ignition, however, No. 2 fuel oil is available as backup and would be used in the warm-up process only.

Process: R2O is located at Building ROSE2 - The combustion of No. 6 fuel oil in Unit 2. The heat input of the boiler is rated at 7691 MMBtu/hr for No. 6 oil firing. Particulate emissions are controlled by a mechanical dust collector. Emissions of NOx are reduced through a combination of fuel oil steam atomization, "burners out of service" (BOOS) controls, and windbox flue gas recirculation.

Emission unit UR000B - One 32.656 MMBtu/hr, natural gas-fired auxiliary boiler used to supply steam heating to the facility buildings (main facility, transfer pump house, service building), heating for day tanks and steam heat tracing for fuel oil lines. The boiler is equipped with integral low NOx burners.

Emission unit UR000B is associated with the following emission points (EP):  
0000B

Process: RBG is located at Building ROSE\_AUX - The combustion of natural gas in the auxiliary boiler.

Emission unit UR000W - Sludge from settling basins is transported to the storage facility, dried at ambient temperatures, stored, and transferred off-site for RCRA waste disposal.

Process: RWW Sludge from water treatment settling basins is dried at ambient temperature and stored. This material is loaded into trucks and hauled off-site for RCRA waste disposal.

Emission unit UR0001 - Roseton Unit 1 is a 600 MW Combustion Engineering, tangentially-fired steam generating boiler. This unit began commercial operation in December of 1974 and was modified in May of 1992 to enable the unit to co-fire or exclusively fire natural gas, in addition to No. 6 fuel oil.

Emission unit UR0001 is associated with the following emission points (EP):

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**  
**Renewal Number: 4**  
**04/06/2026**

00001

Process: R1G is located at Unit 1, Building ROSE1 - The combustion of natural gas in Unit 1. The heat input of the boiler is rated at 5985 MMBtu/hr for natural gas firing. Particulate emissions are controlled by a mechanical dust collector. Emissions of NOx are reduced through the use of "burners out of service" (BOOS) controls and windbox flue gas recirculation. Natural gas is used for ignition, however, No. 2 fuel oil is available as backup and would be used in the warm-up process only.

Process: R1O is located at Building ROSE1 - The combustion of No. 6 fuel oil in Unit 1. The heat input of the boiler is rated at 7927 MMBtu/hr for No. 6 oil firing. Particulate emissions are controlled by a mechanical dust collector. Emissions of NOx are reduced through a combination of fuel oil steam atomization, "burners out of service" (BOOS) controls, and windbox flue gas recirculation.

**Title V/Major Source Status**

ROSETON GENERATING STATION is subject to Title V requirements. This determination is based on the following information:

The facility is major because the criteria pollutants have facility-wide potential to emit values greater than the major source thresholds.

**Program Applicability**

The following chart summarizes the applicability of ROSETON GENERATING STATION with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	YES
NSPS	YES
TITLE IV	YES
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

**NOTES:**

**PSD** Prevention of Significant Deterioration (40 CFR 52.21, 6 NYCRR 231-7, 231-8) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

**NSR** New Source Review (6 NYCRR 231-5, 231-6) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

**Division of Air Resources**  
**Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

**NESHAP** National Emission Standards for Hazardous Air Pollutants (40 CFR 61, 6 NYCRR 200.10) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's).

**MACT** Maximum Achievable Control Technology (40 CFR 63, 6 NYCRR 200.10) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

**NSPS** New Source Performance Standards (40 CFR 60, 6 NYCRR 200.10) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

**Title IV Acid Rain Control Program** (40 CFR 72 thru 78, 6 NYCRR 201-6) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

**Title VI Stratospheric Ozone Protection** (40 CFR 82, Subpart A thru G, 6 NYCRR 200.10) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

**RACT** Reasonably Available Control Technology (6 NYCRR Parts 212-3, 220-1.6, 220-1.7, 220-2.3, 220-2.4, 226, 227-2, 228, 229, 230, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

**SIP** State Implementation Plan (40 CFR 52, Subpart HH, 6 NYCRR 200.10) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

**Compliance Status**

Facility is in compliance with all requirements.

**SIC Codes**

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**  
**Renewal Number: 4**  
**04/06/2026**

distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code	Description
4911	ELECTRIC SERVICES

**SCC Codes**

SCC or Source Classification Code is a code developed and used" by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
1-01-004-01	EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION ELECTRIC UTILITY BOILER - RESIDUAL OIL Grade 6 Oil: Normal Firing
1-01-006-01	EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION ELECTRIC UTILITY BOILER - NATURAL GAS Boilers > 100 MBtu/Hr except Tangential
1-02-006-02	EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - NATURAL GAS 10-100 MMBtu/Hr
5-01-007-01	SOLID WASTE DISPOSAL - GOVERNMENT SOLID WASTE DISPOSAL: GOVERNMENT - SEWAGE TREATMENT Entire Plant

**Facility Emissions Summary**

In the following table, the CAS No. or Chemical Abstract Service code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE for each contaminant that is displayed represents the facility-wide PTE in tons per year (tpy) or pounds per year (lbs/yr). In some instances the PTE represents a federally enforceable emissions cap or limitation for that contaminant. The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant	PTE lbs/yr	PTE tons/yr	Actual lbs/yr	Actual tons/yr
000106-99-0	1,3-BUTADIENE		0.00036		
000083-32-9	ACENAPHTHENE		0.00002		
000208-96-8	ACENAPHTHYLEN		0.00006		

Division of Air Resources  
Permit Review Report

Permit ID: 3-3346-00075/00008

Renewal Number: 4

04/06/2026

	E	
000075-07-0	ACETALDEHYDE	0.0071
000107-02-8	ACROLEIN	0.0085
000120-12-7	ANTHRACENE	0.000019
007440-36-0	ANTIMONY	2.4
007440-38-2	ARSENIC	0.6
000000-10-3	BENZ (A) ANTHRA CENE / CHRYSENE	0.000016
000071-43-2	BENZENE	0.13
000050-32-8	BENZO (A) PYREN E	2.1E-6
000205-99-2	BENZO [B] FLUOR ANTHENE	2.6E-6
000191-24-2	BENZO [G, H, I] P ERYLENE	5.3E-6
000207-08-9	BENZO [K] FLUOR ANTHENE	1.7E-6
007440-41-7	BERYLLIUM	0.013
007440-43-9	CADMIUM	0.18
000124-38-9	CARBON DIOXIDE	10139219
0NY750-00-0	CARBON DIOXIDE EQUIVALENTS	13210246
000630-08-0	CARBON MONOXIDE	5359
007440-47-3	CHROMIUM	0.38
000218-01-9	CHRYSENE	5.5E-6
007440-48-4	COBALT	2.7
000053-70-3	DIBENZ [A, H] AN THRACENE	5.9E-6
025321-22-6	DICHLOROBENZE NE	0.066
000100-41-4	ETHYLBENZENE	0.029
000206-44-0	FLUORANTHENE	0.000076
000086-73-7	FLUORENE	0.00029
000050-00-0	FORMALDEHYDE	28
000110-54-3	HEXANE	98
000193-39-5	INDENO [1, 2, 3- CD] PYRENE	4.1E-6
007439-92-1	LEAD	0.69
007439-96-5	MANGANESE	1.4
007439-97-6	MERCURY	0.051
000074-82-8	METHANE	180
001634-04-4	METHYL TERTBUTYL ETHER	0.073
010024-97-2	NITROUS OXIDE	131
0NY210-00-0	OXIDES OF NITROGEN	14541
0NY075-00-0	PARTICULATES	4020
000085-01-8	PHENANTHRENE	0.00033
012185-10-3	PHOSPHOROUS	4.3
0NY075-00-5	PM-10	2342
0NY075-02-5	PM-2.5	1707
0NY505-00-0	POLYCYCLIC ORGANIC MATTER (POM)	0.59
000129-00-0	PYRENE	0.000049
007782-49-2	SELENIUM	0.31
007446-09-5	SULFUR DIOXIDE	13618
000108-88-3	TOLUENE	2.8

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

0NY100-00-0	TOTAL HAP	103
025323-89-1	TRICHLOROETHA NE	0.11
0NY998-00-0	VOC	362

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

- 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 Part 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 Part 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 Part 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 Part 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.

**Division of Air Resources**  
**Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

**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 Part 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 Part 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 Part 201-6.4(i)**

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is 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 this 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 Part 201-6.7 and Part 621.
- 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

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

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.

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**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:

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

- (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\_02

**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.

**Regulatory Analysis**

<b>Location Facility/EU/EP/Process/ES</b>	<b>Regulation</b>	<b>Condition</b>	<b>Short Description</b>
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FACILITY	ECL 19-0301	65	Powers and Duties of the Department with respect to air pollution control
U-R000B	40CFR 60-Dc.48c (g)	59	Reporting and Recordkeeping Requirements.
FACILITY	40CFR 63-DDDDD	33	Boilers and Process Heaters Major Source NESHAP rule (current version)

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

U-R000B	40CFR 63- DDDDD.7515 (d)	60	ICI Boiler Major Source NESHAP - Boiler Tune-ups
U-R000B	40CFR 63- DDDDD.7540 (a)	61	ICI Boiler Major Source NESHAP - Continuous Compliance
U-R000B	40CFR 63- DDDDD.7550 (b)	62	ICI Boiler Major Source NESHAP - Reporting Requirements
U-R000B	40CFR 63- DDDDD.7550 (c)	63	ICI Boiler Major Source NESHAP - Compliance Reports
U-R000B	40CFR 63-DDDDD.7565	64	ICI Boiler Major Source NESHAP - General Provisions
FACILITY	40CFR 63-UUUUU	34, 35	NESHAP for Coal- and Oil-Fired Electric Utility Steam Generating Units
FACILITY	40CFR 63- UUUUU.10000 (b)	37	Coal and Oil Fired EGU NESHAP - Good Control Practices
FACILITY	40CFR 63-UUUUU.10021	38	Coal and Oil Fired EGU NESHAP - Continuous Compliance
FACILITY	40CFR 63-UUUUU.10031	39	Coal and Oil Fired EGU NESHAP - Reporting Requirements
FACILITY	40CFR 63-UUUUU.10032	40	Coal and Oil Fired EGU NESHAP - Recordkeeping
FACILITY	40CFR 63-UUUUU.10040	41	Coal and Oil Fired EGU NESHAP - General Provisions
FACILITY	40CFR 63- UUUUU.9990 (b)	36	Coal and Oil Fired EGU NESHAP - Oil Subcategories
FACILITY	40CFR 63-ZZZZ.6602	42	Reciprocating Internal Combustion Engine (RICE) NESHAP - requirements for existing engines at major sources of HAP emissions
FACILITY	40CFR 63-ZZZZ.6625 (e)	43	Reciprocating Internal Combustion Engine (RICE) NESHAP - maintenance of engine and control device
FACILITY	40CFR 63-ZZZZ.6625 (h)	44	Reciprocating Internal Combustion Engine (RICE) NESHAP - idling time at startup
FACILITY	40CFR 63-ZZZZ.6625 (i)	45	Reciprocating Internal Combustion Engine (RICE) NESHAP - oil analysis program for compression ignition engines
FACILITY	40CFR 63-ZZZZ.6640 (f)	46	Reciprocating

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

FACILITY	40CFR 63-ZZZZ.6665	47	Internal Combustion Engine (RICE) NESHAP - emergency engines
FACILITY	40CFR 68	17	Reciprocating Internal Combustion Engine (RICE) NESHAP - General provisions
FACILITY	40CFR 72	48	Chemical accident prevention provisions
FACILITY	40CFR 75-B.10 (a)	49	Permits regulation
FACILITY	40CFR 75-B.10 (b)	50	Continuous emission monitoring - general operating requirements
FACILITY	40CFR 75-B.10 (c)	51	Continuous emission monitoring - general operating requirements
FACILITY	40CFR 75-B.10 (d)	52	Continuous emission monitoring - general operating requirements
FACILITY	40CFR 82-F	18	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	40CFR 97-AAAAA.406	53	Transport Rule (TR) NOx Annual Trading Program Standard Requirements
FACILITY	40CFR 97-CCCCC.606	54	Transport Rule (TR) SO2 Group 1 Trading Program Standard Requirements
FACILITY	40CFR 97-GGGGG.1006	55	CSAPR NOx Ozone Season Group 3 Trading Program Standard Requirements
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	9	Maintenance of equipment.
FACILITY	6NYCRR 201-1.4	66	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	10	Recycling and Salvage
FACILITY	6NYCRR 201-1.8	11	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.2 (a)	12	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3 (a)	13	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	19, 56, 57	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.4 (a) (4)	14	General Conditions - Requirement to Provide Information

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

FACILITY	6NYCRR 201-6.4 (a) (7)	2	General Conditions - Fees
FACILITY	6NYCRR 201-6.4 (a) (8)	15	General Conditions - Right to Inspect
FACILITY	6NYCRR 201-6.4 (c)	3	Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.4 (c) (2)	4	Records of Monitoring, Sampling and Measurement
FACILITY	6NYCRR 201-6.4 (c) (3) (ii)	5	Reporting Requirements - Deviations and Noncompliance
FACILITY	6NYCRR 201-6.4 (d) (4)	20	Compliance Schedules - Progress Reports
FACILITY	6NYCRR 201-6.4 (e)	6	Compliance Certification
FACILITY	6NYCRR 201-6.4 (f)	21	Operational Flexibility
FACILITY	6NYCRR 201-6.5 (a)	67	State Enforceable Requirements
FACILITY	6NYCRR 202-1.1	16	Required emissions tests.
FACILITY	6NYCRR 202-2.4 (a) (3)	22	Emission statement methods and procedures
FACILITY	6NYCRR 202-2.5	7	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.2	23	General Prohibitions - visible emissions limited.
FACILITY	6NYCRR 215.2	8	Open Fires - Prohibitions
FACILITY	6NYCRR 225-1.2 (c)	24	Sulfur-in-Fuel Limitations - Residual Oil
FACILITY	6NYCRR 225-1.2 (d)	25	Sulfur-in-Fuel Limitation - Distillate Oil
FACILITY	6NYCRR 227-1.3 (a)	26	Particulate Emission Standards
FACILITY	6NYCRR 227-1.3 (c)	27	Annual Tune-up Requirement
FACILITY	6NYCRR 227-1.4 (a)	28	Opacity Standard
FACILITY	6NYCRR 227-1.5 (b) (2)	29	Excess Emissions & Monitoring System Reports
U-R000B	6NYCRR 227-2.4 (c) (1)	58	Emission limits.
FACILITY	6NYCRR 227-2.5 (a)	30	Fuel switching option.
FACILITY	6NYCRR 242-1.5	68	CO2 Budget Trading Program - Standard requirements
FACILITY	6NYCRR 242-4	69	CO2 Budget Trading Program - Compliance certification
FACILITY	6NYCRR 249.3 (a)	31	BART Emission Limitation Requirements for Sources
FACILITY	6NYCRR 249.3 (f)	32	Each BART determination established by the

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

Department will be submitted to the EPA for approval as a SIP revision.

**Applicability Discussion:**

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-0301

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6 NYCRR 200.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6 NYCRR 200.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6 NYCRR 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6 NYCRR 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6 NYCRR 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6 NYCRR 201-3.2 (a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6 NYCRR 201-3.3 (a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to 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.

6 NYCRR Subpart 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6 NYCRR 201-6.4 (a) (4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6 NYCRR 201-6.4 (a) (7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6 NYCRR 201-6.4 (a) (8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6 NYCRR 201-6.4 (c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6 NYCRR 201-6.4 (c) (2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6 NYCRR 201-6.4 (c) (3) (ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6 NYCRR 201-6.4 (d) (4)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6 NYCRR 201-6.4 (e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6 NYCRR 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6 NYCRR 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6 NYCRR 211.2

This regulation limits opacity from sources to less than or equal to 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

40 CFR Part 68

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

**Facility Specific Requirements**

In addition to Title V, ROSETON GENERATING STATION has been determined to be subject to the following regulations:

40 CFR 60.48c (g)

The owner or operator of each affected facility shall record and maintain records of the amount of each fuel combusted during each day.

40 CFR 63.10000 (b)

This condition states that the electric generating unit must be operated according to good air pollution control practices

40 CFR 63.10021

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

This condition states the requirements for a facility to demonstrate continuous compliance with subpart UUUUU.

40 CFR 63.10031

This condition states the reporting requirements for coal and oil fired EGUs subject to subpart UUUUU.

40 CFR 63.10032

This conditions states the recordkeeping requirements for coal and oil fired EGUs subject to subpart UUUUU.

40 CFR 63.10040

This condition states what General Provisions of 40 CFR 63 apply to electric generating units

40 CFR 63.6602

These conditions list the emission limits, operating limits, and work practices that existing engines with a site rating less than or equal to 500 brake horsepower located at a major source of HAP emissions must meet.

The engines must meet work practices or emission limits on carbon monoxide or formaldehyde for the specific type of engine listed in table 2c of subpart ZZZZ.

40 CFR 63.6625 (e)

This regulation requires the owners or operator of an existing stationary RICE with a site rating of less than 100 brake HP located at a major source of HAP emissions, an existing stationary emergency RICE, or an existing stationary RICE located at an area source of HAP emissions must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop their own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

40 CFR 63.6625 (h)

This regulation requires the owner or operator of a reciprocating internal combustion engine to minimize the idling time of the engine at startup. Startup time is limited to 30 minutes or less.

40 CFR 63.6625 (i)

This condition allows compression ignition engines subject to work practices to extend the length of time

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

between oil changes.

40 CFR 63.6640 (f)

This condition states the operation requirements for emergency engines.

40 CFR 63.6665

This regulation specifies which provisions of the General provisions (Subpart A of 40 CFR 63) apply to the owner or operators of stationary internal combustion engines at facilities with emissions of hazardous air pollutants.

40 CFR 63.7515 (d)

This regulation requires facilities with industrial, commercial or institutional boilers to tune-up their boilers on an annual, biennial, or every five years basis.

40 CFR 63.7540 (a)

This condition states how to demonstrate continuous compliance with emission limits, work practice standards, and operating limits.

40 CFR 63.7550 (b)

This condition states when reports must be submitted.

40 CFR 63.7550 (c)

This condition states the requirements for the compliance report

40 CFR 63.7565

This regulation specifies which provisions of the General provisions (Subpart A of 40 CFR 63) apply to the owner or operators of industrial, commercial, and institutional boilers at major source facilities of hazardous air pollutants.

40 CFR 63.9990 (b)

This condition states the subcategories for oil fired electric generating units

40 CFR 75.10 (a)

This section specifies the primary measurement requirements for opacity, and all SO<sub>2</sub>, NO<sub>x</sub>,

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

and CO2 emissions from the facility. It details how often measurements are to be made and the general type of systems to be used.

40 CFR 75.10 (b)

This section requires the facility to meet the equipment, installation, and performance specifications in appendix A ; and the quality assurance and quality control procedures of appendix B to this part.

40 CFR 75.10 (c)

This section requires heat input measurements, for every hour or part of an hour any fuel is combusted, following the procedures in appendix F to this part.

40 CFR 75.10 (d)

This section specifies the operating requirements of the monitoring systems. It requires the facility to ensure that all monitoring systems in operation and functioning as specified, at all times fuel is being burned ,except as provided in § 75.11(e) and during other specified periods.

40 CFR 97.1006

40 CFR Part 97 Subpart GGGGG the NOx Ozone Season Cross State Air Pollution Rule (CSAPR) requires additional NOx reductions from power plants located in twelve (12) states beginning with the 2021 ozone season. It is designed to reduce NOx emissions during the ozone season (May - September) for large fossil fuel fired electric generating units that have a nameplate capacity of greater than 25 megawatts electrical and produce electricity for sale. The new Group 3 Trading Program would be in addition to the existing Groups 1 and 2 NOx Ozone Trading Programs. The final rule does not include ozone season NOx emission limits for non-EGUs.

40 CFR 97.406

This condition provides the general requirements for implementing EPAs Transport Rule (TR) 40 CFR Part 97, Subpart AAAAA; intended to reduce the interstate transport of fine particulate matter and ozone. This particular condition requires facilities to measure and report their emissions of Nitrogen Oxide (NOx) and to hold TR annual NOx allowances sufficient to cover these emissions. Commonly referred to as a budget trading program, each State has an established 'budget' of emissions that are distributed or sold to facilities, which, in turn, can only emit as much as they hold in allowances.

40 CFR 97.606

This condition provides the general requirements for implementing EPAs Transport Rule (TR) 40 CFR Part 97, Subpart CCCCC; intended to reduce the interstate transport of fine particulate matter and ozone. This particular condition requires facilities to measure and report their emissions of sulfur dioxide (SO2) annually and to hold TR annual SO2 allowances sufficient to cover these emissions. Commonly referred to as a budget trading program, each State has an established 'budget' of emissions that are distributed or sold to facilities, which, in turn, can only emit as much as they hold in allowances.

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

40 CFR Part 63, Subpart DDDDD

This subpart establishes national emission limits and work practice standards for hazardous air pollutants (HAP) emitted from industrial, commercial, and institutional boilers and process heaters located at major sources of HAP emissions. It also establishes requirements to demonstrate initial and continuous compliance with the emission limits and work practice standards.

40 CFR Part 63, Subpart UUUUU

This subpart establishes national emission limits and work practice standards for hazardous air pollutants emitted from coal- and oil-fired electric utility steam generating units. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limits and work practice standards.

40 CFR Part 72

In order to reduce acid rain in the U.S. and Canada, Title IV of the Clean Air Act Amendments of 1990 requires the establishment of a program to reduce emissions of SO<sub>2</sub> and NO<sub>x</sub> (sulfur dioxide and oxides of nitrogen). Fossil fuel burning electric utility companies are a major source of these contaminants in the US. These sources were regulated in a phased approach. Phase I, which began in 1995, requires 110 of the higher-emitting utility plants in the eastern and Midwest states to meet intermediate SO<sub>2</sub> emission limitations. Phase II, which began in 2000, tightens the emission limitations and expands the coverage to most fossil fuel burning utilities. The utilities are given "allowances" which is a limited authorization to emit one ton of SO<sub>2</sub>. The utilities are required to limit SO<sub>2</sub> emissions to the number of allowances they hold. Some can benefit however by reducing their emissions and selling their excess allowances. Part 72 contains the means of implementing this portion of Title IV of the Clean Air Act.

6 NYCRR 201-6.4 (f)

This section describes the potential for certain operational changes to be made by the facility owner or operator without first obtaining a permit modification. Changes made pursuant to this provision must meet all of the criteria described in this section to qualify for consideration as operational flexibility. The Department reserves the right to require the facility owner or operator to obtain a permit modification prior to making any changes at the facility pursuant to this section.

6 NYCRR 201-6.5 (a)

This subdivision states that the Department shall include state enforceable conditions in Title V permits. State enforceable conditions related to regulations developed pursuant to the Climate Leadership and Community Protection Act (CLCPA) and Article 75 of New York State Environmental Conservation Law may be included in future versions of this permit, as applicable.

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

6 NYCRR 202-2.4 (a) (3)

Once a facility is required to submit annual emission statements electronically, emission statements must be submitted to the department per the specified schedule, in this regulation beginning the reporting year that a Title V permit containing a condition mandating electronic submittal is issued.

6 NYCRR 225-1.2 (c)

This subdivision sets the sulfur-in-fuel limitation for residual oil fired emission sources throughout the State.

6 NYCRR 225-1.2 (d)

This subdivision sets the sulfur-in-fuel limitation for distillate oil fired emission sources throughout the State.

6 NYCRR 227-1.3 (a)

This subdivision sets the particulate matter emission standards for subject stationary combustion installations.

6 NYCRR 227-1.3 (c)

This subdivision requires that all stationary combustion installations subject to this subpart perform an annual tune-up.

6 NYCRR 227-1.4 (a)

This subdivisions sets the opacity standard for subject stationary combustion installations.

6 NYCRR 227-1.5 (b) (2)

This paragraph contains the excess emissions and monitoring system reporting requirements for emission sources required to utilize a continuous opacity monitor.

6 NYCRR 227-2.4 (c) (1)

Presumptive NO<sub>x</sub> RACT emission limits for mid-size boilers.

6 NYCRR 227-2.5 (a)

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

Fuel switching NOx RACT compliance option.

6 NYCRR 242-1.5

This regulation requires that the facility hold enough carbon dioxide allowances in their carbon dioxide budget at least equal to the amount of carbon dioxide emitted from the facility each year.

6 NYCRR 249.3 (a)

The owner or operator of a source that is determined to be BART-eligible and whose emissions of visibility-impairing pollutants result in a visibility impairment equal to or greater than 0.1 deciviews in any Federal Class I Area must conduct an analysis to determine the appropriate emission limitation necessary to meet BART requirements.

6 NYCRR 249.3 (f)

Each BART determination established by the department will be submitted to the United States Environmental Protection Agency (EPA) for approval as a revision to the State Implementation Plan (SIP).

6 NYCRR Subpart 242-4

This citation requires that an Annual Compliance Certification report be submitted by March 1st, on an annual basis, certifying compliance with the CO<sub>2</sub> Budget Trading Program.

**Compliance Certification**

**Summary of monitoring activities at ROSETON GENERATING STATION:**

<b>Location Facility/EU/EP/Process/ES</b>	<b>Cond No.</b>	<b>Type of Monitoring</b>
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U-R000B	59	record keeping/maintenance procedures
U-R000B	60	record keeping/maintenance procedures
U-R000B	61	record keeping/maintenance procedures
U-R000B	62	record keeping/maintenance procedures
U-R000B	63	record keeping/maintenance procedures
FACILITY	34	record keeping/maintenance procedures
FACILITY	35	record keeping/maintenance procedures
FACILITY	40	record keeping/maintenance procedures
FACILITY	36	record keeping/maintenance procedures
FACILITY	42	record keeping/maintenance procedures
FACILITY	43	record keeping/maintenance procedures
FACILITY	44	monitoring of process or control device parameters as surrogate
FACILITY	45	record keeping/maintenance procedures

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

FACILITY	46	record keeping/maintenance procedures
FACILITY	49	record keeping/maintenance procedures
FACILITY	50	record keeping/maintenance procedures
FACILITY	51	record keeping/maintenance procedures
FACILITY	52	record keeping/maintenance procedures
FACILITY	53	record keeping/maintenance procedures
FACILITY	54	record keeping/maintenance procedures
FACILITY	55	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	24	work practice involving specific operations
FACILITY	25	work practice involving specific operations
FACILITY	26	record keeping/maintenance procedures
FACILITY	27	record keeping/maintenance procedures
FACILITY	28	monitoring of process or control device parameters as surrogate
FACILITY	29	record keeping/maintenance procedures
U-R000B	58	intermittent emission testing
FACILITY	30	continuous emission monitoring (cem)
FACILITY	68	record keeping/maintenance procedures
FACILITY	69	record keeping/maintenance procedures
FACILITY	31	work practice involving specific operations
FACILITY	32	continuous emission monitoring (cem)

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**Basis for Monitoring**

Roseton Generating Station’s ATV permit renewal 4 has a number of federal and state regulations that have been removed or replaced. Roseton’s permitted sources include two very large (> 250 MMBtu/hr) Electricity Generating Units (EGUs), one mid-sized (25 – 100 MMBtu/hr) auxiliary boiler, two emergency Reciprocating Internal Combustion Engines (RICE), and a sludge settling basin.

40 CFR 60.48 NSPS Subpart Dc

Auxiliary boiler is subject to this subpart. The facility is required to record and maintain records of the amounts of each fuel combusted in the boiler during each day of operation.

40 CFR 63 Subpart UUUUU

Units 1 and 2 are subject to the federal requirements of 40 CFR 63 Subpart UUUUU because of their designation as oil-fired EGUs. Due to their limited run-time, these two boilers meet the definition of “limited-use liquid oil-fired EGU” and are only subject to the annual tune-up requirements, in addition to the general reporting and recordkeeping requirements.

40 CFR 63 Subpart DDDDD

The facility’s mid-sized auxiliary boiler is subject to its own federal requirements under 40 CFR 63 Subpart DDDDD. Due to its designation as a boiler that fires only natural gas, this source is only subject to the annual tune-up requirements. General reporting and recordkeeping requirements still apply.

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

40 CFR 63 Subpart ZZZZ

While the emergency generators are exempt from state regulations, there are federal requirements under 40 CFR 63 Subpart ZZZZ that still apply to them. Under 40 CFR 63 Subpart ZZZZ, emergency compression ignition engines are required to perform preventative maintenance and replace the oil, filters, hoses and belts on an annual basis, or as needed.

40 CFR Subpart 72

The facility is required to apply for an Acid Rain permit as stated in 40 CFR Part 72.

40 CFR Subpart 75

This subpart requires the owner or operator to continuously measure opacity and all SO<sub>2</sub>, NO<sub>x</sub>, and CO<sub>2</sub> emissions for each affected unit by operating and maintaining a CEMS and COMS. The owner or operator shall install, certify, operate, and maintain these systems, in accordance with all the requirements in this part.

40 CFR Subpart 97

The facility is subject to the Cross State Air Pollution Rule (CSAPR) requirements under 40 CFR 97 Subparts AAAAA, CCCCC, and GGGGG.

6 NYCRR Part 225-2

The distillate fuel used onsite is subject to the sulfur content limit of 0.0015 percent by weight. The No. 6 oil used as fuel in the two main boilers, Units 1 and 2, is subject to the sulfur limit 0.50 percent by weight.

6 NYCRR Part 227-1

The facility is required to maintain and operate the Continuous Opacity Monitor as listed in this subpart. Units 1 and 2 are subject to the Particulate emission limit of 0.1 pounds per million Btus. Testing shall be conducted once every five years. Annual tune-ups must be performed on the emission units. The facility is required to comply with the 20 percent opacity limit based on a 6-min average and must report any exceedances that may occur as well as any corrective action taken.

6 NYCRR Part 227-2

**Division of Air Resources  
Permit Review Report**

**Permit ID: 3-3346-00075/00008**

**Renewal Number: 4**

**04/06/2026**

The NO<sub>x</sub> RACT limit for Units 1 and 2 is 0.15 lb/MMBtu using an annual average for compliance. Compliance with the emission limit will be based on a 24-hour heat input weighted average from May 1st through September 30th. Compliance with the emission limit will be based on a 30-day rolling heat input weighted average from October 1st through April 30<sup>th</sup>. The auxiliary boiler is subject to a NO<sub>x</sub> emission limit of 0.05 lb/mmBtu. Stack testing is required (both on natural gas and oil) once every five years. Heat input while firing No. 6 oil usage in these two sources is limited to 1,440,000 MMBtu during the ozone season.

6 NYCRR Part 242

General monitoring requirements for the CO<sub>2</sub> Budget Trading Program.

6 NYCRR Part 249

This permit enforces the NO<sub>x</sub> Best Available Retrofit Technology (BART) limit for Units 1 and 2 by requiring a 24-hour average be used during the ozone season and a 30-day average be used during the nonozone season. NO<sub>x</sub> emissions from Units 1 and 2 are limited to 0.20 lb/MMBtu for each unit. Wind box optimization will be used along with fuel switching in order to satisfy the facility's BART requirements. SO<sub>2</sub> emissions from Units 1 and 2 are limited to 0.55 lb/mmBtu. The facility CEMs is going to measure NO<sub>x</sub> emissions and the SO<sub>2</sub> emissions will be calculated using Part 75 Emissions data protocols.