

**Division of Air Resources
Permit Review Report**

Permit ID: 1-4726-00130/00038

Renewal Number: 4

03/30/2026

Facility Identification Data

Name: NORTHPORT POWER STATION

Address: 301 WATERSIDE RD|4000-10000-1000-3002

NORTHPORT, NY 11768

Owner/Firm

Name: NATIONAL GRID GENERATION LLC

Address: 175 E OLD COUNTRY RD

HICKSVILLE, NY 11801, USA

Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:

Name: STEPHANIE SFORZA

Address: NYSDEC - REGION 1 SUNY @ STONY BROOK

50 CIRCLE RD

STONY BROOK, NY 11790-3409

Phone:6314440357

Division of Air Resources:

Name: LEXI MUHLENFORTH

Address: NYSDEC - REGION 1

50 CIRCLE RD

STONY BROOK, NY 11790

Phone:6313803350

Air Permitting Facility Owner Contact:

Name: CATHY WAXMAN

Address: NATIONAL GRID

175 E OLD COUNTRY RD

HICKSVILLE, NY 11801-4280

Phone:5165452579

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

This project consists of the renewal of the Title V permit issued to Northport Power Station.

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Attainment Status

NORTHPORT POWER STATION is located in the town of HUNTINGTON in the county of SUFFOLK. 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*	SEVERE 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:

This facility consists of four (4) 385 MWe nominal turbine/generator boiler sets operating on natural gas, #1, #2, or #6 fuel oils. In addition, a 15 MWe nominal black start combustion turbine is maintained on site for emergency power requirements. In addition to #1, #2 and #6 fuel oil and natural gas, these boilers burn small quantities of used oil generated on site for energy recovery. There are five (5) main tanks used for storing #6 fuel oil, ranging from 13,524,000 to 27,035,000 gallons. In addition, there are numerous smaller tanks used for storing distillate, lubrication and/or dielectric oils.

Permit Structure and Description of Operations

The Title V permit for NORTHPORT POWER 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

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(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:

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.

NORTHPORT POWER STATION is defined by the following emission unit(s):

Emission unit UTGB01 - This emission unit consolidates all four turbine/generator boiler sets into one unit.

The associated sources are four 385 MWe nominal turbine/generator boiler sets; capable of firing #1, #2, or #6 fuel oils, and natural gas. These boilers may co-fire waste fuel oil for energy recovery and citrosolv for incineration. Exhaust is through emission points 00001, 00002, 00003, and 00004.

Emission unit UTGB01 is associated with the following emission points (EP):
00004

Process: P01 is located at GROUND FLOOR, Building BOILERBLD1 - This process is the combustion of #6 residual oil in a tangentially fired steam electric boiler. In order to improve boiler operation, a fuel additive is mixed into the residual oil prior to combustion.

Process: P02 is located at GROUND FLOOR, Building BOILERBLD1 - This process is the combustion of #1 distillate oil in a tangentially fired steam electric boiler.

Process: P03 is located at GROUND FLOOR, Building BOILERBLD1 - This process is the combustion of #2 distillate oil in a tangentially fired steam electric boiler.

Process: P04 is located at GROUND FLOOR, Building BOILERBLD1 - This process is the combustion of pipeline natural gas in a tangentially fired steam electric boiler. Electrostatic precipitator will not operate when firing natural gas.

Process: P05 is located at GROUND FLOOR, Building BOILERBLD1 - This process is the co-firing of non-hazardous waste oil in a tangentially fired steam electric boiler. This fuel is only used in combination with pipeline natural gas or #6 residual oil.

Process: P06 is located at GROUND FLOOR, Building BOILERBLD1 - This process is the incineration, by co-firing with a primary fuel, of boiler chemical cleaning solutions. Following a chemical cleaning of the water-side of the boiler's tubes with an acidic solution, the spent material is evaporated in an adjacent boiler operating at a nominal full load.

Emission unit UGT0S1 - This unit is a 430 hp diesel engine used to start the "black start" combustion turbine, designated emission unit UGT001. This unit only operates during startup of the combustion turbine, generally less than 15 minutes per event. #1 and/or #2 distillate oil is utilized as fuel for this emission unit.

Process: P91 is located at GROUND FLOOR, Building CT1 - This process is the combustion of #1

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distillate oil in a diesel engine. This engine is used to start the associated combustion turbine. During each start up the engine operates for less than 15 minutes. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Process: P92 is located at GROUND FLOOR, Building CT1 - This process is the combustion of #2 distillate oil in a diesel engine. This engine is used to start the associated combustion turbine. During each start up the engine operates for less than 15 minutes. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission unit UGT001 - This unit is a "black start" combustion turbine designed to provide sufficient power to bring the entire power station back on line following a catastrophic system collapse. In addition, the unit is used to supply peak generation capacity, as required to support the Long Island electric distribution system. #1 and/or #2 distillate oil is utilized as fuel for this emission unit.

Process: P28 is located at GROUND FLOOR, Building CT1 - This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Process: P29 is located at GROUND FLOOR, Building CT1 - This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Title V/Major Source Status

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

Northport Power Station is subject to Title V requirements. This determination is based on the following information:

The facility is major because the potential to emit (PTE) of multiple contaminants exceeds Title V applicability thresholds. The PTE for oxides of nitrogen (NOx) is 4,106 tpy, which exceeds the Title V applicability threshold of 25 tpy, established for the New York metropolitan area. The PTE for VOC is 330 tpy, which exceeds the Title V applicability threshold of 25 tpy.

Program Applicability

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

Regulatory Program	Applicability
PSD	NO

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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.

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

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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 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

1-01-004-04

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION

ELECTRIC UTILITY BOILER - RESIDUAL OIL Grade 6 Oil: Tangential Firing

1-01-005-01

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION

ELECTRIC UTILITY BOILER - DISTILLATE OIL Grades 1 and 2 Oil

1-01-006-04

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION

ELECTRIC UTILITY BOILER - NATURAL GAS Tangentially Fired Units

1-01-013-02

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION

ELECTRIC UTILITY BOILER - LIQUID WASTE Waste Oil

2-01-001-01

INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION

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2-01-001-02	ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - DISTILLATE OIL (DIESEL) Turbine
2-01-009-01	INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - DISTILLATE OIL (DIESEL) Reciprocating
2-02-009-02	INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION ELECTRIC UTILITY IC ENGINE - KEROSENE/NAPHTHA (JET FUEL) Turbine
	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - KEROSENE/NAPHTHA (JET FUEL) Reciprocating

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
007440-38-2	ARSENIC	1139		39	
007440-43-9	CADMIUM	343		40	
000124-38-9	CARBON DIOXIDE		10875715		1983669
000630-08-0	CARBON MONOXIDE	10564980		2613895	
007440-47-3	CHROMIUM	944		32	
007440-50-8	COPPER	342		33	
007439-92-1	LEAD	1139		42	
007439-97-6	MERCURY	97		3	
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS	72893		2197	
0NY210-00-0	OXIDES OF NITROGEN	8213070		2037363	
0NY075-00-0	PARTICULATES	8933623		479669	
0NY075-00-5	PM-10	8933623		4796690	
007446-09-5	SULFUR DIOXIDE	67229603		1984030	

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0NY100-00-0	TOTAL HAP	35620	2084
0NY998-00-0	VOC	660311	169097

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.

- 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.

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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 must be revised or reopened to assure compliance with applicable requirements.

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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:

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

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- (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

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description
FACILITY	ECL 19-0301	52	Powers and Duties of the Department with respect to air pollution control
FACILITY	40CFR 60-A.4	40	General provisions - Address
FACILITY	40CFR 63- UUUUU.10000 (b)	42	Coal and Oil Fired EGU NESHAP - Good Control Practices
FACILITY	40CFR 63- UUUUU.10000 (c)	43	Coal and Oil Fired EGU NESHAP - Limited Use Boiler Requirements
FACILITY	40CFR 63-	41	Coal and Oil Fired

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	UUUUU.9982 (a) (EGU NESHAP - Existing
FACILITY	40CFR 63-ZZZZ	44	Affected Sources
			Reciprocating
			Internal Combustion
FACILITY	40CFR 68	17	Engine (RICE) NESHAP
FACILITY	40CFR 72	45	Chemical accident
FACILITY	40CFR 82-F	18	prevention provisions
			Permits regulation
			Protection of
			Stratospheric Ozone -
			recycling and
FACILITY	40CFR 97-AAAAA.406	46	emissions reduction
			Transport Rule (TR)
			NOx Annual Trading
			Program Standard
			Requirments
FACILITY	40CFR 97-CCCCC.606	47	Transport Rule (TR)
			SO2 Group 1 Trading
			Program Standard
			Requirments
FACILITY	6NYCRR 200.6	1	Acceptable ambient
FACILITY	6NYCRR 200.7	9	air quality.
FACILITY	6NYCRR 201-1.4	53	Maintenance of
			equipment.
			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, 48, 49	Title V Permits and
			the Associated Permit
			Conditions
FACILITY	6NYCRR 201-6.4 (a) (4)	14	General Conditions -
			Requirement to
			Provide Information
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-	5	Reporting
	6.4 (c) (3) (ii)		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 202-1.1	16	Required emissions
			tests.

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FACILITY	6NYCRR 202-2.1 (c)	22	Electronic submittal requirement
FACILITY	6NYCRR 202-2.4 (a) (3)	23	Emission statement methods and procedures
FACILITY	6NYCRR 202-2.5	7	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.1	54	General Prohibitions - air pollution prohibited
FACILITY	6NYCRR 211.2	24, 25	General Prohibitions - visible emissions limited.
FACILITY	6NYCRR 215.2	8	Open Fires - Prohibitions
FACILITY	6NYCRR 225-1.2 (c)	26	Sulfur-inFuel Limitations - Residual Oil
FACILITY	6NYCRR 225-1.2 (d)	27	Sulfur-in-Fuel Limitation - Distillate Oil
FACILITY	6NYCRR 225-1.2 (e)	28	Sulfur-inFuel Limitation - Waste Oil
FACILITY	6NYCRR 225-2.5	29, 30, 31	General Waste Oil Limits
FACILITY	6NYCRR 227-1.3 (a)	32	Particulate Emission Standards
FACILITY	6NYCRR 227-1.3 (c)	33	Annual Tune-up Requirement
U-GT001	6NYCRR 227-1.4 (a)	50	Opacity Standard
U-TGB01	6NYCRR 227-1.4 (a)	51	Opacity Standard
FACILITY	6NYCRR 227-1.5 (b) (2)	34	Excess Emissions & Monitoring System Reports
FACILITY	6NYCRR 227-2.5 (b)	35	System averaging plan.
FACILITY	6NYCRR 242-1.4 (b)	55	CO2 Budget Trading Program - Limited exemption - units w/ electrical output to the grid restricted by permit conditions
FACILITY	6NYCRR 242-1.5	56, 57, 58	CO2 Budget Trading Program - Standard requirements
FACILITY	6NYCRR 242-4	59	CO2 Budget Trading Program - Compliance certification
FACILITY	6NYCRR 242-8.5	60	CO2 Budget Trading Program - Recordkeeping and reporting
FACILITY	6NYCRR 249.3	36, 37, 38	Requirements for sources subject to case-by-case BART determinations
FACILITY	6NYCRR 249.3 (d)	39	Deadline for BART Controls and/or Emission Reduction Measures
U-TGB01	6NYCRR 249.3 (f)	65	Each BART determination

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			established by the Department will be submitted to the EPA for approval as a SIP revision.
U-GT001	6NYCRR 251.3(b)	64	Emission limits for non-modified sources.
FACILITY	6NYCRR 251.6(f)	61	Annual reports.
FACILITY	6NYCRR 253-1.4	62	Greenhouse Gas Reporting Requirements
FACILITY	6NYCRR 253-1.7	63	Record Keeping

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

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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 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.

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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 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, NORTHPORT POWER STATION has been determined to be subject to the following regulations:

40 CFR 60.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

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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 63.10000 (c) (2) (iv)

This condition states the requirements with which a limited use boiler must comply.

40 CFR 63.9982 (a) (1)

This condition states that an affected source for Subpart UUUUU is the collection of all existing coal and oil fired electric generating units within the same subcategory

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.

40 CFR Part 63, Subpart ZZZZ

Subpart ZZZZ applies to reciprocating internal combustion engines. Sources subject to Subpart ZZZZ must limit emissions of carbon monoxide and formaldehyde. Sources must also comply with work practice standards and operating limits.

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 SO2 and NOx (sulfur

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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 SO₂ 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 SO₂. The utilities are required to limit SO₂ 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 202-2.1 (c)

Electronic submittal of emission statements will become mandatory and will be included as an enforceable condition in new or renewed Title V permits issued after January 1, 2021. The first reporting year under this provision will be the reporting year in which the permit was issued or reporting year 2025 (emission statements due in 2026), whichever is earlier.

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 211.1

This regulation requires that 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.

6 NYCRR 225-1.2 (c)

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

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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 225-1.2 (e)

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

6 NYCRR 225-2.5

This Section sets the pollutant content limits and gross heat content of waste oil.

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 227-2.5 (b)

System averaging plan NO_x RACT compliance option.

6 NYCRR 242-1.4 (b)

This regulation requires that any unit that, on or before December 1, 2008, applies for a enforceable permit condition restricting the supply of the unit's annual electrical output to the electric grid to less than or equal to 10 percent of the annual gross generation of the unit, and that from and after January 1, 2009 complies with the 10 percent restriction

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and the provisions in Paragraph (b)(3) of this Section, shall be exempt from the requirements of 6 NYCRR Part 242, except for the provisions of this Section, Sections 242-1.2, 242-1.3, and 242-1.6 of this Part

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 242-8.5

This regulation requires the CO₂ authorized account representative to comply with all applicable recordkeeping and reporting requirements in section 242-8.5, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the certification requirements of section 242-2.1(e) of this Part.

6 NYCRR 249.3

The EPA Haze Rule applies to Emission Unit U-TGB01. The existing one-hour average particulate emissions limit of 0.10 pounds per MMBTU was adopted as BACT for these units. Compliance is determined through stack testing triggered by an exceedance of the 24-month rolling average oil-based heat input limit of 8%. Compliance will be reported semi-annually.

The EPA Haze Rule applies to process P04, associated with Emission Unit U-TGB01. The Units are required to monitor NO_x emissions using CEMS. When burning natural gas, the 24-hour existing limit of 0.10 pounds per MMBTU was adopted as BACT. Compliance is reported quarterly.

The EPA Haze Rule applies to processes P01, P02, and P03, associated with Emission Unit U-TGB01. The Units are required to monitor NO_x emissions using CEMS. When burning oil, the 24-hour existing limit of 0.20 pounds per MMBTU was adopted as BACT. Compliance is reported quarterly.

Compliance with 40 CFR 60.44(a)(1) and 40 CFR 60.44(a)(2) is maintained through the more stringent requirements in 6 NYCRR 249.3.

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6 NYCRR 249.3 (d)

This regulation requires that control equipment or emission reduction methods approved as BART must be installed and operating by January 1, 2014.

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 251.3 (b)

Emission limits for non-modified sources.

6 NYCRR 251.6 (f)

Recordkeeping and reporting - annual reports.

6 NYCRR 253-1.4

This condition requires the facility to submit emissions data reports annually by June 1st for the previous calendar year.

6 NYCRR 253-1.7

This citation requires large emissions sources to maintain records required by 40 CFR 98.3(g) through (h) for a minimum period of ten years.

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 CO₂ Budget Trading Program.

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**Compliance Certification
Summary of monitoring activities at NORTHPORT POWER STATION:**

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring

FACILITY	46	record keeping/maintenance procedures
FACILITY	47	record keeping/maintenance procedures
FACILITY	4	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	22	record keeping/maintenance procedures
FACILITY	25	monitoring of process or control device parameters as surrogate
FACILITY	26	work practice involving specific operations
FACILITY	27	work practice involving specific operations
FACILITY	28	work practice involving specific operations
FACILITY	29	work practice involving specific operations
FACILITY	30	work practice involving specific operations
FACILITY	31	work practice involving specific operations
FACILITY	32	record keeping/maintenance procedures
FACILITY	33	record keeping/maintenance procedures
U-GT001	50	monitoring of process or control device parameters as surrogate
U-TGB01	51	monitoring of process or control device parameters as surrogate
FACILITY	34	record keeping/maintenance procedures
FACILITY	35	record keeping/maintenance procedures
FACILITY	55	record keeping/maintenance procedures
FACILITY	57	record keeping/maintenance procedures
FACILITY	58	record keeping/maintenance procedures
FACILITY	59	record keeping/maintenance procedures
FACILITY	60	record keeping/maintenance procedures
FACILITY	36	intermittent emission testing
FACILITY	37	continuous emission monitoring (cem)
FACILITY	38	continuous emission monitoring (cem)
FACILITY	39	record keeping/maintenance procedures
U-TGB01	65	record keeping/maintenance procedures
U-GT001	64	continuous emission monitoring (cem)
FACILITY	61	record keeping/maintenance procedures
FACILITY	62	record keeping/maintenance procedures
FACILITY	63	record keeping/maintenance procedures

Basis for Monitoring

6 NYCRR 201-6.4(c)(2): This condition requires the owner or operator of a Title V permit to retain all monitoring data and compliance records for a minimum of five years from the date of monitoring, sampling, measuring, reporting, or application.

6 NYCRR 201-6.4(c)(3)(ii): The facility must submit reports of any monitoring requirement, at a minimum, every six months. The reports must be submitted within 60 days of the end of a reporting period. In the situation of a permit deviation or incidence of noncompliance, the facility must submit a report within the timeframe listed in the applicable regulation. If the applicable

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regulation does not list a timeframe for reporting deviations, the facility must report deviations based on the timeframes listed within the permit.

6 NYCRR 201-6.4(e): This condition contains the requirements for the annual compliance certifications.

6 NYCRR 201-6.5(a): Pursuant to the New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 level and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

6 NYCRR 202-2.1(c): The facility must submit annual emissions statements electronically.

6 NYCRR 211.2: This monitoring condition limits the opacity of any air contamination source to 20 percent (six minute average), with the exception of one continuous six-minute period per hour of not more than 57 percent opacity. Emission units that do not have continuous emissions monitoring must be observed once per day, during daylight, for visible emissions. The results of each observation must include weather conditions and must be retained for five years. If there is a visible plume for two consecutive days, a Method 9 test must be conducted within two (2) business days of the occurrence. The operator must inform the Regional Air Pollution Control Engineer within one day of performing the Method 9 analysis, if the limit is exceeded.

6 NYCRR 225-1.2 (c): This monitoring condition requires the facility to limit sulfur-in-fuel concentration to 0.37 percent sulfur content by weight of the fuel for sources firing residual oil. Compliance is based on vendor receipts and must be reported semiannually, 60 days after the calendar period.

6 NYCRR 225-1.2 (d): This monitoring condition requires the facility to limit sulfur-in-fuel concentration to 0.0015 percent sulfur content by weight of the fuel for sources firing distillate oil. Compliance is based on vendor receipts and must be reported 60 days after each semiannual calendar period.

6 NYCRR 225-1.2 (e): This monitoring condition requires the facility to limit sulfur-in-fuel concentration to 0.25 percent sulfur content by weight of the fuel for sources firing waste oil. Compliance with this limit must be tabulated and summarized in a form acceptable to the Department and must be reported 60 days after each semiannual calendar period.

6 NYCRR 225-2.5: This monitoring condition requires the facility to limit lead concentrations in waste oil to less than 100 ppm. The facility must sample each batch of waste oil and keep records for a minimum of five years. The facility must report, within 60 days of the quarterly calendar period, that the records required in section 225-2.6 are being maintained at the facility

6 NYCRR 225-2.5: This monitoring condition requires the facility to limit Polychlorinated Biphenyl (PCB) concentrations in waste oil to less than 2 ppm. The facility must sample each

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batch of waste oil and keep records for a minimum of five years. The facility must report, within 60 days of the quarterly calendar period, that the records required in section 225-2.6 are being maintained at the facility.

6 NYCRR 225-2.5: This monitoring condition requires the facility to limit halogen concentrations in waste oil to less than 1000 ppm. The facility must sample each batch of waste oil and keep records for a minimum of five years. The facility must report, within 60 days of the quarterly calendar period, that the records required in section 225-2.6 are being maintained at the facility.

6 NYCRR 227-1.3(a): This facility is required to meet the 0.1 lbs/mmBtu particulate matter standard required for operators of stationary combustion installations firing oil or oil in combination with other liquid or gaseous fuels with a total maximum heat input capacity of at least 50 million Btus per hour. Compliance is demonstrated through vender certified fuel receipts and will be reported semi-annually.

6 NYCRR 227-1.3(c): This monitoring condition requires the facility to perform annual tune-ups on emission unit U-TGB01. The facility must maintain records for five years, containing the dates of the tune-ups and the details of the tune-up procedures. Compliance will be reported semi-annually.

6 NYCRR 227-1.4(a): The facility has entered into an Order on Consent with the Department to resolve issues with particulate emissions from a number of large power plants. The opacity of emissions from Unit UTGB01 is limited to 20% (based on a six-minute average). Monitoring is via Continuous Opacity Monitors (COMs) and reporting is quarterly, 60 days after the end of the reporting period.

6 NYCRR 227-1.4(a): The facility must conduct a Method 9 visual emissions observation annually on Emission Unit U-GT001. Opacity is limited to 20% based on a six-minute average, with the exception of one six minute period per hour exceeding 27%. Compliance is to be reported semi-annually, 60 days after the end of the reporting period.

6 NYCRR 227-1.5(b)(2): This monitoring condition requires the owner or operator of a COM to submit an excess emissions and monitoring system performance report each calendar year quarter.

6 NYCRR 227-2.5(b): This facility, along with other National Grid facilities, uses a system-wide averaging plan to achieve NOx RACT compliance. Compliance is demonstrated in accordance with an approved NOx RACT Compliance Plan and reported on a quarterly basis, within 60 days of the end of the reporting period.

6 NYCRR 249.3: The EPA Haze Rule applies to Emission Unit U-TGB01. The existing one-hour limit of 0.10 pounds per MMBTU was adopted as BACT for these units. The oil-based heat input for Units 1-4 may not exceed 8% on a 12-month rolling average. If the 24-month rolling average for Units 1-4 exceeds 8%, the owner or operator shall conduct particulate testing on two units within the first 12-months of exceedance, and the remaining two units

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within 24-months of exceedance to demonstrate compliance with the particulate emission limit. Compliance is reported semi-annually.

6 NYCRR 249.3: The EPA Haze Rule applies to process P04, associated with Emission Unit U-TGB01. The Units are required to monitor NO_x emissions using CEMS. When burning natural gas, the 24-hour existing limit of 0.10 pounds per MMBTU was adopted as BACT. Compliance is reported quarterly.

6 NYCRR 249.3: The EPA Haze Rule applies to processes P01, P02, and P03, associated with Emission Unit U-TGB01. The Units are required to monitor NO_x emissions using CEMS. When burning oil, the 24-hour existing limit of 0.20 pounds per MMBTU was adopted as BACT. Compliance is reported quarterly.

6 NYCRR 251.3(b): This facility will meet compliance with the emission rate limit of 180 pounds of CO₂ per mmBtu of input.

6 NYCRR 251.3(b): This monitoring condition limits the owner or operator of a non-modified source to a fossil fuel emission rate of 180 pounds of CO₂ per million BTU of input. The emission limit is measured on an annual basis using continuous emissions monitoring and will be reported quarterly.

6 NYCRR 251.6(f): This condition provides alternative monitoring plans approved by the Department in the case of the facility not utilizing CEMS.

40 CFR 60.43(a)(1) While the facility is subject to EPA New Source Performance Standards, compliance is maintained through the more stringent requirements in 6 NYCRR 249.3.

40 CFR 60.44(a)(2) While the facility is subject to EPA New Source Performance Standards, compliance is maintained through the more stringent requirements in 6 NYCRR 249.3.

40 CFR 63.9991(a)(1) While the facility is subject to EPA NESHAPs, compliance is maintained through the more stringent requirements in 6 NYCRR 227-1.3(c).

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