



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 9-0412-00042/00011

Renewal Number: 2

04/09/2018

Facility Identification Data

Name: INDECK OLEAN ENERGY CENTER

Address: 140 MOORE AVE

OLEAN, NY 14760

Owner/Firm

Name: INDECK-OLEAN LIMITED PARTNERSHIP

Address: 600 N BUFFALO GROVE RD STE 300

BUFFALO GROVE, IL 60089-2432, USA

Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:

Name: LISA M CZECHOWICZ

Address: NYSDEC - REGION 9

270 MICHIGAN AVE

BUFFALO, NY 14203-2915

Phone:7168512165

Division of Air Resources:

Name: GEOFFREY KNALL

Address: NYSDEC - REGION 9

270 MICHIGAN AVE

BUFFALO, NY 14203-2915

Phone:7168517130

Air Permitting Contact:

Name: DON HITTNER

Address: INDECK OLEAN ENERGY CENTER

140 MOORE AVE

OLEAN, NY 14760

Phone:7163734705

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 was an application for the renewal of the Title V Facility Air Permit. The renewal includes the removal of state rules 6NYCRR Part 237: Acid Deposition Reduction NOx Budget Trading Program, and



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Part 238: Acid Deposition Reduction SO2 Budget Trading Program. These rules were replaced by the Federal equivalent 40 CFR Part 97 Cross State Air Pollution Rule (CSAPR). The added Part 97 subparts are: Subpart AAAAA -Transport Rule NOX Annual Trading Program, Subpart BBBBB - Transport Rule NOX Ozone Season Trading Program, Subpart CCCCC - Transport Rule SO2 Group 1 Trading Program.

Permit conditions were updated to reflect the changes in rules. 6NYCRR Subpart 225-1 was revised in 2013, requiring Indeck-Olean to now comply with the new sulfur in fuel limit of 0.0015 percent sulfur by weight in addition to complying with the original capping limit of 0.25 percent sulfur by weight to remain below PSD applicability thresholds.

New permit conditions have been added to the permit for 40 CFR 63 Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. These conditions were added to the permit because the facility has one emergency fire pump on site which is powered by a small engine. While the fire pump is exempt from permitting, it must still comply with the requirements of Subpart ZZZZ. Therefore conditions were added stating that they must comply with the maintenance requirements of this rule.

New York State conditions for CO2 (Carbon Dioxide) Budget Trading Program, 6 NYCRR Part 242 have been added in this renewal. This regulation is designed to stabilize and then reduce human produced emissions of CO2

Attainment Status

INDECK OLEAN ENERGY CENTER is located in the town of OLEAN in the county of CATTARAUGUS.

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*	TRANSPORT REGION (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 is a co-generation plant and provides electricity to the local electric grid Niagara Mohawk. The facility is a combined-cycle gas turbine utilizing a GE Frame 6 combustion gas turbine (CGT), a heat recovery steam generator (HRSG) with duct burner (DB), a selective catalytic reducer (SCR) for NOx



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control, and a Dresser Rand steam turbine. The plant is operated from a centralized control room through a Westinghouse Distributed Control System (WDCS). Circulating water is cooled through a three-cell wet cooling tower. Natural gas is the primary fuel for both the CGT and DB. Number 2 distillate oil is the backup fuel for both units. A 395,000 gallon storage tank is provided for fuel oil. The CGT operates between 80% and 100% load, but may also operate at peak-load (108%) for a limited time. Total operating hours are not limited. The CGT is equipped with steam injection for NO_x control. The DB utilizes low-NO_x burners. SCR controls facility NO_x emissions to 9/18 ppmv for gas/oil firing, respectively. This constitutes BACT.

Permit Structure and Description of Operations

The Title V permit for INDECK OLEAN ENERGY CENTER

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:

- 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.

INDECK OLEAN ENERGY CENTER is defined by the following emission unit(s):

Emission unit O00001 - This emission unit (EU) consists of a General Electric Frame 6 combustion gas turbine (CGT) whose exhaust gases are reheated by a duct burner (DB), that then pass through a heat recovery steam generator (HRSG), a selective catalytic oxidizer (SCR) to reduce nitrogen oxide (NO_x) emissions, and then out the stack, emission point 1. The HRSG generates steam by absorbing heat from the exhaust gases of the CGT and DB. The HRSG provides steam for NO_x control to the CGT, steam to the condensing steam turbine generator, and process steam to the steam host. The gas turbine and duct burner only fire natural gas and/or #2 fuel oil.

Emission unit O00001 is associated with the following emission points (EP):
00001

Process: 100 is located at Building 1 - GE Frame 6 combustion gas turbine firing on natural gas and the
Process: 200 is located at Building 1 - GE Frame 6 combustion gas turbine firing on distillate oil and the duct burner not operating.



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Process: 500 is located at Building 1 - GE Frame 6 combustion gas turbine and duct burner both firing natural gas.

Process: 600 is located at Building 1 - GE Frame 6 combustion gas turbine firing distillate oil and the duct burner firing either natural gas or distillate oil.

Process: 700 is located at Building 1 - GE Frame 6 combustion gas turbine firing natural gas and distillate oil simultaneously, with or without the duct burner firing natural gas or distillate oil.

Title V/Major Source Status

INDECK OLEAN ENERGY CENTER is subject to Title V requirements. This determination is based on the following information:

Indeck Olean Energy Center is subject to Title V requirements. This determination is based on the following information:

The Indeck Olean Energy Center is a major source as defined by the Clean Air Act because it has the potential to emit more than 100 tons per year of each nitrogen oxides (NOx) and carbon monoxide (CO). Emissions of more than 100 tpy of the above pollutants defines a source a major.

Due to Indeck Olean's change in fuel oil to ultral low sulfur diesel. The facility is Sulfur dioxide (SO2) emissions are now below 100 tpy. Therefore they are no longer a major source for emission of SO2.

Program Applicability

The following chart summarizes the applicability of INDECK OLEAN ENERGY CENTER 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	NO
SIP	YES

NOTES:



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PSD Prevention of Significant Deterioration (40 CFR 52, 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, 226, 227-2, 228, 229, 230, 232, 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.



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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
4931	ELEC & OTHER SERVICES COMBINED

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
2-02-001-03	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - DISTILLATE OIL(DIESEL) Turbine: Cogeneration
2-02-002-01	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - NATURAL GAS Turbine
2-02-002-03	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - NATURAL GAS Turbine: Cogeneration

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.



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Cas No.	Contaminant	PTE lbs/yr	PTE tons/yr	Actual lbs/yr	Actual tons/yr
007664-41-7	AMMONIA	63948			
007440-38-2	ARSENIC	12.03			
007440-43-9	CADMIUM	5.25			
000124-38-9	CARBON DIOXIDE	864830701			
000630-08-0	CARBON MONOXIDE	313106			
007440-47-3	CHROMIUM	12.03			
000050-00-0	FORMALDEHYDE	4480.78			
007439-92-1	LEAD	15.31			
007439-96-5	MANGANESE	864.04			
007439-97-6	MERCURY	1.31			
0NY059-28-0	NICKEL (NI 059)	5.03			
0NY210-00-0	OXIDES OF NITROGEN	250668			
0NY075-00-0	PARTICULATES	73227.84			
0NY075-00-5	PM-10	73227.84			
007782-49-2	SELENIUM	27.34			
007446-09-5	SULFUR DIOXIDE	276013			
0NY100-00-0	TOTAL HAP	9277.91			
0NY998-00-0	VOC	10722			

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



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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.
- 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.



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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.

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.



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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;
 - (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.

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Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description
FACILITY	ECL 19-0301	88	Powers and Duties of the Department with respect to air pollution control
O-00001	40CFR 60-A	50	General provisions
O-00001	40CFR 60-A.4	51	General provisions - Address
O-00001	40CFR 60-Db.43b(f)	52	Standard for Particulate Matter Opacity.
O-00001	40CFR 60-Db.49b(d)	53	Reporting and Recordkeeping Requirements.
FACILITY	40CFR 63-ZZZZ	26, 27	Reciprocating Internal Combustion Engine (RICE) NESHAP
FACILITY	40CFR 63-ZZZZ.6603(a)	28	Reciprocating Internal Combustion Engine (RICE) NESHAP - requirements for existing engines at area sources of HAP emissions
FACILITY	40CFR 63-ZZZZ.6625(f)	29	Reciprocating Internal Combustion Engine (RICE) NESHAP - non-resettable hour meter for certain existing emergency engines
FACILITY	40CFR 63-ZZZZ.6655(f)	30	Reciprocating Internal Combustion Engine (RICE) NESHAP - Recordkeeping requirements
FACILITY	40CFR 68	19	Chemical accident prevention provisions
FACILITY	40CFR 72	31	Permits regulation
FACILITY	40CFR 82-F	20	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	40CFR 97-AAAAA.406	32	Transport Rule (TR) NOx Annual Trading Program Standard Requirements
FACILITY	40CFR 97-BBBBB.506	33	Transport Rule (TR) NOx Ozone Season Trading Program Standard Requirement
FACILITY	40CFR 97-CCCCC.606	34	Transport Rule (TR) SO2 Group 1 Trading Program Standard Requirements
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	Maintenance of



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FACILITY	6NYCRR 201-1.4	89	equipment. Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	11	Recycling and Salvage
FACILITY	6NYCRR 201-1.8	12	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.2(a)	13	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3(a)	14	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	21, 35, 36	Title V Permits and the Associated Permit Conditions
O-00001	6NYCRR 201-6	37	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.4(a)(4)	15	General Conditions - Requirement to Provide Information
FACILITY	6NYCRR 201-6.4(a)(7)	2	General Conditions - Fees
FACILITY	6NYCRR 201-6.4(a)(8)	16	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)	22	Compliance Schedules - Progress Reports
FACILITY	6NYCRR 201-6.4(e)	6	Compliance Certification
FACILITY	6NYCRR 201-6.4(f)(6)	17	Off Permit Changes
FACILITY	6NYCRR 201-7	23	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 202-1.1	18	Required emissions tests.
FACILITY	6NYCRR 202-2.1	7	Emission Statements - Applicability
FACILITY	6NYCRR 202-2.5	8	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.1	24	General Prohibitions - air pollution prohibited
FACILITY	6NYCRR 215.2	9	Open Fires - Prohibitions
FACILITY	6NYCRR 217-3.2	90	Prohibitions.
FACILITY	6NYCRR 225-1.2	25	Sulfur-in-Fuel Limitations
FACILITY	6NYCRR 242-4	91	CO2 Budget Trading Program - Compliance certification
FACILITY	6NYCRR 242-8.5	92	CO2 Budget Trading Program -



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Recordkeeping and
reporting

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 applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance,



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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) (5)

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.



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6 NYCRR 201-6.4 (f) (6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

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 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calENDar year.

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 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 there 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, INDECK OLEAN ENERGY CENTER 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).

40 CFR 60.43b (f)



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This regulation specifies maximum allowable opacity for affected affected sources. The opacity of the emission may not exceed 20%, except for one six minute period when the maximum opacity may not exceed 27%.

40 CFR 60.49b (d)

This subdivision requires reporting and recordkeeping for affected steam generating units - annual fuel capacity factors. This permit does not contain any limits regarding the capacity factor because the other limits imposed by the permit are much more stringent.

40 CFR 63.6603 (a)

These conditions list the emission limits, operating limits, and work practices that existing engines located at an area source of HAP emissions must meet. The engines must meet work practices, emission limits, and operating limits on carbon monoxide or formaldehyde for the specific type of engine listed in table 2d of subpart ZZZZ.

40 CFR 63.6625 (f)

This condition reduces the emission of hazardous air pollutants by requiring existing emergency engines greater than or equal to 500 brake horsepower located at a major source of HAP emissions and existing emergency engines located at an area source of HAP emissions to install a non-resettable hour meter.

40 CFR 63.6655 (f)

This condition requires that any operation of an existing emergency stationary RICE requires the owner/operator to keep records of the hours of operation of the engine and is recorded through a non-resettable hour meter.

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 97.506

This condition provides the general requirements for implementing EPAs Transport Rule (TR) 40 CFR Part 97, Subpart BBBBB; 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)



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during the ozone season (May through September) and to hold TR ozone season NO_x 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 EPA's 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 60, Subpart A

This regulation contains the General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements

40 CFR Part 63, Subpart ZZZZ

This regulation defines performance standards for stationary reciprocating internal combustion engines.

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 NO_x (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 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 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.



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6 NYCRR 217-3.2

No person who owns, operates or leases a bus or truck for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

6 NYCRR 225-1.2

This section of the regulation establishes sulfur-in-fuel limitations for coal, residual oil, distillate oil, and waste oil.

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 Subpart 201-7

This regulation sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is to keep the facility below PSD applicability thresholds for emissions of Oxide of Nitrogen, Sulfur Dioxide and Carbon monoxide.

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.

Compliance Certification

Summary of monitoring activities at INDECK OLEAN ENERGY CENTER:

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring
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O-00001	52	monitoring of process or control device parameters as surrogate
O-00001	53	record keeping/maintenance procedures
FACILITY	28	record keeping/maintenance procedures
FACILITY	29	record keeping/maintenance procedures
FACILITY	30	record keeping/maintenance procedures
FACILITY	32	record keeping/maintenance procedures
FACILITY	33	record keeping/maintenance procedures
FACILITY	34	record keeping/maintenance procedures
O-00001	37	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
O-00001	38	record keeping/maintenance procedures
O-00001	39	monitoring of process or control device parameters as surrogate
O-00001	40	work practice involving specific operations
O-00001	41	work practice involving specific operations
O-00001	42	continuous emission monitoring (cem)
O-00001	43	continuous emission monitoring (cem)
O-00001	44	continuous emission monitoring (cem)
O-00001	45	continuous emission monitoring (cem)
O-00001	46	work practice involving specific operations
O-00001	47	continuous emission monitoring (cem)
O-00001	48	continuous emission monitoring (cem)
O-00001	49	monitoring of process or control device parameters as surrogate
O-00001/00001	54	continuous emission monitoring (cem)
O-00001/00001	55	continuous emission monitoring (cem)
O-00001/00001	56	intermittent emission testing
O-00001/00001	57	intermittent emission testing
O-00001/00001/100	58	continuous emission monitoring (cem)
O-00001/00001/100	59	continuous emission monitoring (cem)
O-00001/00001/200	60	work practice involving specific operations
O-00001/00001/200	61	continuous emission monitoring (cem)
O-00001/00001/200	62	continuous emission monitoring (cem)
O-00001/00001/500	63	intermittent emission testing
O-00001/00001/500	64	continuous emission monitoring (cem)
O-00001/00001/500	65	continuous emission monitoring (cem)
O-00001/00001/500	66	continuous emission monitoring (cem)
O-00001/00001/500	67	continuous emission monitoring (cem)
O-00001/00001/500	68	continuous emission monitoring (cem)
O-00001/00001/500	69	intermittent emission testing
O-00001/00001/500	70	intermittent emission testing
O-00001/00001/500	71	intermittent emission testing
O-00001/00001/500	72	intermittent emission testing
O-00001/00001/500	73	intermittent emission testing
O-00001/00001/500	74	continuous emission monitoring (cem)
O-00001/00001/600	75	work practice involving specific operations
O-00001/00001/600	76	intermittent emission testing
O-00001/00001/600	77	intermittent emission testing
O-00001/00001/600	78	intermittent emission testing
O-00001/00001/600	79	intermittent emission testing
O-00001/00001/600	80	continuous emission monitoring (cem)
O-00001/00001/600	81	continuous emission monitoring (cem)
O-00001/00001/600	82	continuous emission monitoring (cem)
O-00001/00001/600	83	continuous emission monitoring (cem)
O-00001/00001/700	84	continuous emission monitoring (cem)
O-00001/00001/700	85	continuous emission monitoring (cem)
O-00001/00001/700	86	continuous emission monitoring (cem)
O-00001/00001/700	87	continuous emission monitoring (cem)
FACILITY	7	record keeping/maintenance procedures
FACILITY	25	work practice involving specific operations
FACILITY	91	record keeping/maintenance procedures



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FACILITY

92

record keeping/maintenance procedures

Basis for Monitoring

Basis of Monitoring at Indeck Olean (Ren 2):

1. When Indeck Olean was constructed it obtained a Prevention of Significant Deterioration (PSD) capping permit to avoid the PSD permitting requirements. The capping conditions are listed under citation 6NYCRR Part 201-7 and list 40 CFR Part 52.21 subpart A, PSD, as the citation capped. The permit caps the sulfur dioxide (SO₂), oxides of nitrogen (NO_x), carbon monoxide (CO), volatile organic compounds (VOC), particulates (PM), and particulates less than 10 microns (PM-10) that can be emitted from the facility. Most of the PSD capping limits are more restrictive than other applicable requirements, so pollutants that have different limits from different regulations are usually addressed with the PSD capping conditions.
2. The majority of the permit conditions at the facility level are based on citations from 6 NYCRR Parts 200, 201, 202, 211, 215 and 217 and are conditions that are in every Title V (five) operating permit. These conditions generally reiterate rules that apply to most facilities and some require the permittees to monitor or take actions.
3. The PSD capping permit limits the sulfur in fuel to less than 0.25% sulfur by weight to limit sulfur dioxide emissions. This limit is more stringent than the 0.8% sulfur by weight in the NSPS for Stationary Gas Turbines, 40 CFR 60.333(b) subpart GG and the 0.5% sulfur by weight from the NSPS for Industrial-Commercial-Institutional Steam Generating Units in 40 CFR 60.42b(j) subpart Db, which applies to the duct burner. However, 6NYCRR subpart 225-1 has been revised and now limits sulfur in distillate oil to 0.0015% sulfur by weight, which is more restrictive than the limit stated in the PSD permit. Each sulfur limit applies but meeting the 0.0015% sulfur limit demonstrates compliance with the limits in subpart Db, subpart GG and the PSD permit for oil.
4. Permit conditions that list 6NYCRR Part 227-2 (NO_x Reasonably Available Control Technology) as the applicable requirement specifies what information must be recorded and submitted by the regulation. Indeck Olean conducted a Reasonably Available Control Technology (RACT) analysis in December of 2011. The result showed that the current control equipment, steam injection and selective catalytic reduction device, are RACT. The emissions limit for NO_x RACT is now 9 ppm when burning gas and 18 ppm when burning fuel oil, which replace the previous 42 ppm limit for gas and 65 ppm limit for oil. NO_x RACT is now the same as the existing limits in the PSD capping permit.
5. The permit contains conditions for the Cross State Air Pollution Rule, (CSAPR). The CSAPR program is regulated under EPA's Transport Rule (TR) 40CFR Part 97. Subparts AAAAA, BBBBB and CCCCC have been added to the permit. AAAAA, regulates the Annual NO_x emission allowance, BBBBB regulates the Ozone season NO_x allowance (May-September), and CCCCC regulates annual SO₂ allowance.
6. Conditions for the State CO₂ (Carbon Dioxide) Budget Trading Program, 6 NYCRR Part 242 have been added in this renewal. This regulation is designed to stabilize and then reduce



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anthropogenic emissions of CO₂, a greenhouse gas, from CO₂ budget sources in an economically efficient manner. Indeck Olean Energy Center is a CO₂ budget source and is subject to the rule.

7. Permit conditions that list 40CFR60 Subpart A (New Source Performance Standards (NSPS) General Provisions) as the applicable requirement, requires the facility to comply with notification, monitoring, record keeping, and reporting requirements that all NSPS sources are subject to.

8. The duct burner is subject to permit conditions that list 40CFR60 subpart Db (New Source Performance Standards for Industrial-Commercial-Institutional Steam Generating Units, 100 to 250 million Btu per hour) as the applicable requirement, and limit the emissions of Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), particulates, and opacity. The PSD avoidance SO₂, NO_x, and PM limits at the stack are more restrictive than the subpart Db limits, so the subpart Db emission limits were not included in this permit. The subpart Db opacity limit is in the permit.

9. The combustion gas turbine is subject to 40CFR60 subpart GG (New Source Performance Standards for Stationary Gas Turbines) which limits the emissions of Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), and opacity. The record keeping and monitoring requirements are prescribed by the regulation. However the SO₂, NO_x and particulate PSD capping conditions contain the most stringent requirements from all the applicable requirements, so the subpart GG conditions are not included to reduce duplication. 6NYCRR subpart 225-1 limits sulfur in distillate oil to 0.0015% sulfur by weight, which is more restrictive than the limit stated in the PSD permit.

10. This permit contains ammonia emission limits from the PSD capping permit that were introduced during the Title V renewal 1 permit. A CEMS is used to monitor ammonia emissions as NO (Nitric Oxide). A once per permit term ammonia stack test is required for compliance and to test the accuracy of the ammonia monitoring system. The permittee will comply with the more restrictive 7.3

lb NH₃/hr limit while burning both gas and oil. The permittee requested to replace the 7.7 lb NH₃/hr limit when firing fuel oil, to match the gas limit in order to simplify and consolidate the permit in Renewal 1.

11. The permittee is exempt from the requirements of Continuous Assurance Monitoring (CAM), 40CFR Part 64, because this permit requires CEMS which provide continuous compliance determinations for NO_x emissions. The potential to emit NO_x is over 100 tons per year and control devices are used to reduce emissions.

12. Duplicate or overlapping permit conditions were either removed or consolidated into one condition when Renewal 1 was issued. This primarily affects sulfur in fuel, NO_x ppm and pounds per hour conditions that came from different regulations. Now the most stringent requirements from all applicable conditions are incorporated in one condition where possible.

13. Most previous 40 CFR Part 60 subpart Db and subpart GG permit conditions were removed from the permit as part of this consolidation during Renewal 1, because the PSD capping conditions are more restrictive. All of the duct burner specific emission limits, NO_x, CO, PM,



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PM-10 and VOC, were removed because there was no technical way to measure emissions from just the duct burner. The duct burner can only operate when the turbine is operating. The existing stack emission limits, process 500 and 600 still apply.

14. The PM, PM-10 and VOC emission limits for the GT alone, processes 100 and 200, were moved to the gas turbine and duct burner operating scenarios, processes 500 and 600, when Renewal 1 was issued. The move was made because the highest impacts from initial project emission modeling occurred when the gas turbine and duct burner were both operating. Likewise, the 1994 initial compliance testing was conducted when the gas turbine and duct burners were operating. All the pollutants were in compliance during the initial testing.

15. The permit contains conditions for 40 CFR 63 Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. These conditions require that emergency engines on site are maintained in a proper manner which involves limiting hours of operation to be classified as an emergency engine and performing routine maintenance.