State of New Jersey

MIKIE SHERRILL
Governor

DR. DALE G. CALDWELL
Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION

AIR, ENERGY AND MATERIALS SUSTAINABILITY
Division of Air Quality and Radiation Protection
Bureau of Stationary Sources
401 E. State Street, 2nd floor, P.O. Box 420, Mail Code 401-02

ED POTOSNAK
Commissioner

Air Pollution Control
Preconstruction Permit and Certificate to Operate
Construction of a New Source

Permit Activity Number: PCP250001 **Program Interest No: 19525**

Mailing Address	Plant Location
KEVIN GROEN DIRECTOR OF CONSTRUCTION / OPERATIONS SENTINEL DATA CENTERS 505 5TH AVE - 27TH FLR NEW YORK, NY 10017	PN-DC 1 4405 Rt 1 South Brunswick Twp Middlesex County, New Jersey

Approval Date: PRE-DRAFT
Expiration Date: PRE-DRAFT

The New Jersey Department of Environmental Protection (Department) has reviewed the above referenced air pollution control permit application. On the basis of the information provided, the Department concludes that the application satisfies all applicable requirements of the New Jersey Air Pollution Control regulations codified at N.J.A.C. 7:27 et seq. This permit allows for inspection and evaluation of the equipment by the Department to assure conformance with all provisions of N.J.A.C. 7:27 et seq. and any other applicable federal requirements codified at 40 CFR 52, 60, 61 and 63.

The equipment, that is authorized to be installed and operated under this approval, is described in Section A, Source Operations and Section D, Equipment Inventory. Equipment at the facility referenced by this Permit shall be operated in accordance with the Conditions of Approval set forth in Section D, Facility Specific Requirements.

The Department hereby issues this permit and certificate under the authority of chapter 106, P.L. 1967(N.J.S.A 26:2C-9.2). You may construct, reconstruct, install, or modify the above referenced equipment and/or control apparatus consistent with the approval.

The approved Permit is available for download in PDF format which contains the facility's specific requirements (compliance plan) at: https://dep.nj.gov/boss/. After accessing the web site, click on "Approved PCP Permits" listed under "Reports" and then type in your Program Interest (PI) Number, 19525, as instructed on the screen. You will be able to view, print or electronically store your permit. If you have any questions regarding this permit approval, please contact the Department at the

Preconstruction Permit Help Line available from 9:00 AM to 4:00 PM daily, where you may speak to someone about any technical questions you may have. The Preconstruction Permit Technical Help Line number is 609-292-6716.

If, in your judgment as an applicant for an air pollution control permit, the Department is imposing any unreasonable Condition of Approval, you may contest the Department's decision and request a contested case hearing pursuant to the Administrative Code at N.J.A.C. 7:27-1.32(a). All requests for contested case hearings must be received in writing by the Department within twenty (20) calendar days of the date you receive this permit approval and must contain the information specified in the Administrative Hearing Request Checklist and Tracking Form.

If you have any non technical questions please use the Bureau's number 609- 292-0834. If you have any questions when filing a General Permit please use the General Permit Help number 609-633-2829.

Approved by:

_____
(Supervisor's name)
Preconstruction Permits

Administrative Hearing Request Checklist and Tracking Form

I. Document Being Appealed

Name of the Facility	Facility ID Number	Permit Activity Number	Issuance Date
PN-DC 1	19525	PCP250001	

II. Contact Information

Name of Person Requesting Hearing	Name of Attorney (if applicable)
Address:	**Address:**
Telephone:	**Telephone:**

III. Please include the following information as part of your request:

A. The date the permittee received the permit decision;
B. Two printed copies of the document being appealed – for submitting to address 1 below; A PDF copy of the document being appealed on a CD – for submitting to address 2 below
C. The legal and factual questions you are appealing;
D. A statement as to whether or not you raised each legal and factual issues during the permit application process;
E. Suggested revised or alternative permit conditions;
F. An estimate of the time required for the hearing;
G. A request, if necessary, for a barrier-free hearing location for physically disabled persons;
H. A clear indication of any willingness to negotiate a settlement with the Department prior to the Departments processing of your hearing request to the Office of Administrative Law

Mail this form, completed, signed and dated with all of the information listed above, including attachment, to:

1. New Jersey Department of Environmental Protection
   Office of Administrative Hearings and Dispute Resolution
   Attention: Adjudicatory Hearing Requests
   401 E. State Street
   Mail Code 401-07A
   P.O. Box 420
   Trenton, New Jersey 08625-0420

2. New Jersey Department of Environmental Protection
   Air Quality Program
   401 E. State Street
   Mail Code: 401-02
   P.O. Box 420
   Trenton, New Jersey 08625-0420
   Phone: (609) 633-2829

_____ _____

Signature **Date**

Administrative Hearing Request Checklist and Tracking Form

IV. If you are not the applicant but rather an interested person claiming to be aggrieved by the permit decision, please include the following information:

1. The date you or your agent received notice of the permit decision (include a copy of that permit decision with your hearing request);
2. Evidence that a copy of the request has been delivered to the applicant for the permit which is the subject of the permit decision;
3. A detailed statement of which findings of fact and/or conclusion of law you are challenging;
4. A description of your participation in any public hearings held in connection with the permit application and copies of any written comments you submitted;
5. Whether you claim a statutory or constitutional right to a hearing, and, if you claim such a right, a reference to the applicable statute or explanation of how your property interests are affected by the permit decision;
6. If the appeal request concerns a CAFRA permit decision, evidence that a copy of the request has been delivered to the clerks of the county and the municipality in which the project which is the subject of the permit decision is located;
7. Suggested revised or alternative permit conditions;
8. An estimate of the time required for the hearing;
9. A request, if necessary, for a barrier-free hearing location for physically disable persons;
10. A clear indication of any willingness to negotiate a settlement with the Department prior to the Department's transmittal of the hearing request to the Office of Administrative Law;

Mail this form, completed, signed and dated with all of the information listed above, including attachment, to:

1. New Jersey Department of Environmental Protection
   Office of Administrative Hearings and Dispute Resolution
   Attention: Adjudicatory Hearing Requests
   401 E. State Street
   Mail Code 401-07A
   P.O. Box 420
   Trenton, New Jersey 08625-0420

2. New Jersey Department of Environmental Protection
   Air Quality Program
   401 E. State Street
   Mail Code: 401-02
   P.O. Box 420
   Trenton, New Jersey 08625-0420
   Phone: (609) 633-2829

_____ _____

Signature **Date**

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

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Facility ID No.: 19525
Permit Activity No.: PCP250001

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AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section A

Facility Name: PN-DC 1
Facility ID No.: 19525
Permit Activity No.: PCP250001

AUTHORIZED SOURCE OPERATIONS

This Preconstruction Permit and the Certificate to Operate for the following equipment is issued pursuant to N.J.A.C. 7:27-8.

Description of Source Activity

Source Operation Type: Back-up generators.

Source Operation Description: Twelve (12) 3,620 kW diesel-fired generators. Each engine is limited to 28 hours per year for testing and maintenance operations.

Source Operation Details: The sources authorized by this permit shall be operated within the parameters specified in the Equipment, and/or Emission Unit Operating Scenario Details of this permit. Operation of the authorized sources within these parameters is required in addition to compliance with the conditions specified in Section D– Facility Specific Requirements.

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section B

Facility Name: PN-DC 1
Facility ID No.: 19525
Permit Activity No.: PCP250001

ACRONYMS

CEMS	Continuous Emissions Monitor System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COMS	Continuous Opacity Monitor System
EPA	United States Environmental Protection Agency
EMS	Emission Measurement Section - NJDEP
HAP	Hazardous Air Pollutant
N.J.A.C.	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection
NOx	Oxides of Nitrogen
PM-2.5	All particulate matter having an aerodynamic diameter less than or equal to a nominal 2.5 microns
PM-10	All particulate matter having an aerodynamic diameter less than or equal to a nominal 10 microns
PST	Performance Specification Test
REO	Regional Enforcement Office - NJDEP
SO_2	Sulfur Dioxide
TSP	Total Suspended Particulate Matter
VOC	Volatile Organic Compounds

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section C

Facility Name: PN-DC 1
Facility ID No.: 19525
Permit Activity No.: PCP250001

GENERAL PROVISIONS AND AUTHORITIES
Preconstruction Permits

1. The permittee shall not construct, reconstruct, install, or modify a significant source or control apparatus serving the significant source without first obtaining a preconstruction permit under N.J.A.C. 7:27-8. [N.J.A.C. 7:27-8.3(a)]

2. The permittee shall not operate (nor cause to be operated) a significant source or control apparatus serving the significant source without a valid operating certificate. [N.J.A.C. 7:27-8.3(b)]

3. Permit Revisions:

   The permittee shall not take any action which requires a permit revision, compliance plan change, seven-day-notice change, amendment, or change to a batch plant permit, under any applicable provision at N.J.A.C. 7:27-8.17 through 8.23, without complying with that applicable provision.

   The following summarize N.J.A.C. 7:27-8.18 through 8.21:

   a. The permittee shall file a permit revision request and receive approval from the Department prior to increasing any maximum allowable emission limit, increasing actual emissions, to a rate or concentration greater than a maximum allowable emission, causing the emissions of a new air contaminant, use a new raw material, reconstructing equipment, change the ground level concentration of an air contaminant in an area where the public has access, replace the permitted source, or constructing or installing a new significant source. [N.J.A.C. 7:27-8.18]

   b. The permittee shall file a compliance plan change request and receive approval from the Department prior to decreasing the frequency of testing, monitoring, recordkeeping, or reporting, changing the monitoring method, changing a level, rate, or limit of an operational parameter included in the conditions, or reducing a source's potential to emit. [N.J.A.C. 7:27-8.19]

   c. At least seven days prior to proceeding with a physical or operational change that is outside the scope of activities allowed by this permit, but will not increase emissions over the allowable emissions and will not alter the stack characteristics, the permittee shall file a seven-day-notice change. The permittee may proceed with the proposed changes seven days after such notice is filed with the Department. [N.J.A.C. 7:27-8.20].

   d. The permittee shall file an amendment within 120 days of making any change of the information which allows the Department to identify and contact the permittee,

changing the name, number or designation of any equipment or stack covered by this permit, changing the parameters of a stack in such a way to reduce the ground level concentration of an air contaminant, or correction of a typographical error that will not result in an increase of actual or allowable emissions. [N.J.A.C. 7:27-8.21]

The permittee shall review the provisions of N.J.A.C. 7:27-8.18 through 7:27-8.21 to determine the appropriate type of request to file.

4. The permittee shall make the preconstruction permit or certificate, together with any amendments, seven-day-notices, or other documents related to the permit and certificate, readily available for Department inspection on the operating premises. [N.J.A.C. 7:27-8.3(d)]

5. The permittee shall not use or cause to be used the equipment or control apparatus unless all components connected or attached to, or serving, the equipment or control apparatus, are functioning properly and are in compliance with the preconstruction permit and certificate and all conditions and provisions thereto. [N.J.A.C. 7:27-8.3(e)]

6. A preconstruction permit is not transferable either from the location authorized in the preconstruction permit to another location, or from any one piece of control apparatus or equipment to another piece of control apparatus or equipment. [N.J.A.C. 7:27-8.3(f)]

7. Once a permit or certificate is issued, the permittee is fully responsible for compliance with N.J.A.C. 7:27-8 and with the permit and certificate, including adequate design, construction, and operation of the source, even if employees, contractors, or others work on or operate the permitted source. If the Department issues any other requirement with the force of law, such as an order which applies to the source, the permittee is also responsible for compliance with that requirement. [N.J.A.C. 7:27-8.3(g)]

8. Preconstruction permits and certificates do not in any way relieve the permittee from the obligation to obtain necessary permits from other government agencies and to comply with all other applicable Federal, State, and local rules and regulations. [N.J.A.C. 7:27-8.3(h)]

9. The Department and its representatives have the right to enter and inspect any facility or property in accordance with N.J.A.C. 7:27-1.31. [N.J.A.C. 7:27-8.3(m)]

10. The permittee may not assert an affirmative defense to penalty liability for non-compliance with a provision or condition of the preconstruction permit that is based on any federally delegated regulation, including but not limited to NSPS, NESHAP, or MACT. An affirmative defense to penalty liability for non-compliance with a provision or condition of the preconstruction permit may be asserted by a permittee if:

    a. The provision or condition of the preconstruction permit is based solely on State or local law; and

    b. The affirmative defense is asserted and established as required by N.J.S.A. 26:2C-19.1 through 19.5.

11. Any person to whom the Department has issued a preconstruction permit or certificate shall comply with all terms and conditions of any order related to the preconstruction permit or certificate. [N.J.A.C. 7:27-8.13(a)]

12. The permittee shall maintain all records required in the permit for a period of five (5) calendar years. [N.J.A.C. 7:27-8.13(a)]

13. The Department may change the conditions of approval of any approved certificate to operate at the time of renewal of a temporary operating certificate; at the time of approval or renewal of a five-year operating certificate; or at any time during the period a certificate is in effect, if the Department determines that such change is necessary to protect human health or welfare or the environment. [N.J.A.C. 7:27-8.13(b)]

14. Upon request of the Department, the permittee shall submit to the Department information relevant to the operation of equipment and control apparatus including all information specified at N.J.A.C. 7:27-8.13(c). [N.J.A.C. 7:27-8.13(c)]

15. If the conditions of a preconstruction permit or certificate to operate require the Department to incur any of the following charges, the permittee shall reimburse the Department for the full amount of these charges: (1) The charges billed by any phone company for the maintenance of a dedicated telephone line required by this permit or the certificate to operate for the electronic transmission of data; or (2) The charges billed by any laboratory for performing the analysis of audit samples collected pursuant to testing or monitoring required by this permit or the certificate to operate. [N.J.A.C. 7:27-8.13(g)]

16. Any failure to comply with the operating requirements or exceedance of emission concentrations specified in a preconstruction permit shall be reported within three (3) business days by calling the Environmental Action Hotline at (877) 927-6337 AND in writing to the Regional Enforcement Office within 30 days of the failure or exceedance. [N.J.A.C. 7:27-8.13(h)]

17. The permittee shall, when requested by the Department, provide such testing facilities exclusive of instrumentation and sensing devices as may be necessary for the Department to determine the kind and amount of air contaminants emitted from the equipment or control apparatus. The testing facilities shall include the utilities, the structure to hold testing equipment and/or personnel, and any ports in stacks needed to carry out testing required by this permit. During testing by the Department, the equipment and control apparatus shall be operated under such conditions within their capacities as may be requested by the Department. The test facilities may be either permanent or temporary, at the discretion of the person responsible for their provision, and shall conform to all applicable laws, regulations, and rules concerning safe construction and safe practice. Testing facilities, which contain platforms and other means of personnel access, shall conform to OSHA standards. [N.J.A.C. 7:27-8.13(i)]

18. Upon request of the Department, the permittee shall submit to the Department any record relevant to any permit or certificate. Such records shall be submitted to the Department within thirty (30) days of the request by the Department or within a longer time period if approved in writing by the Department. [N.J.A.C. 7:27-8.15(a)]

19. A permittee shall submit any required report in a format and on a schedule approved by the Department. Such report shall be transmitted on paper, by hand delivery, on computer disk, or electronically, at the discretion of the Department. [N.J.A.C. 7:27-8.15(b)]

20. Any report submitted to the Department, including but not limited to, a report submitted as an amendment of this permit or the certificate to operate pursuant to N.J.A.C. 7:27-8.3(c)

shall include, as an integral part of the report, certifications complying with N.J.A.C. 7:27-1.39.

21. Upon request of the Department, the permittee shall report on forms obtained from the Department the air contaminant actual emissions and information relevant thereto, of any air contaminant or category of air contaminant emitted by the equipment, control apparatus, or source operation. [N.J.A.C. 7:27-8.15(d)]

22. Any emission limit values in a preconstruction permit shall be interpreted to be followed by inherent trailing zeros (0) in the decimal portion of the limit to three significant figures (e.g. a printed limit of "1 lb/hr" means a limit of "1.00 lb/hr") except for concentration limits less than 10 parts per million (ppm). For such concentration limits, the emission limit shall be interpreted to be followed by inherent trailing zeros (0) in the decimal portion of the limit to two significant figures (e.g. a printed limit of "1 ppm" means a limit of "1.0 ppm").

23. This listing of requirements reflects the state rules and regulations that apply to a majority of sources. If a specific requirement in a rule or regulation that applies to a permittee is not included in this section or in the "Facility Specific Requirements" it does not relieve the permittee from the obligation to comply with that regulation.

24. The following Department offices may be referenced in a preconstruction permit. Please use the following addresses when submitting any correspondence to these offices:

    Emission Measurement Section
    Mail Code: 09-01, P.O. Box 420
    Trenton, NJ 08625-0420
    BTS@dep.nj.gov

    Central Regional Enforcement Office
    Mail Code: 22-03A; P.O. Box 420
    Trenton, NJ 08625-0420
    AirCE-Central@dep.nj.gov

    Northern Regional Enforcement Office
    7 Ridgedale Avenue
    Cedar Knolls, NJ 07927
    AirCE-Northern@dep.nj.gov

    Southern Regional Enforcement Office
    2 Riverside Drive – Suite 201
    Camden, NJ 08103
    AirCE-Southern@dep.nj.gov

25. In accordance with N.J.A.C. 7:27-8.13(e), facilities are subject to 4 billable compliance inspections over the life of the Operating Certificate. Facilities will be invoiced for a service fee per inspection pursuant to N.J.A.C. 7:27-8.6 after the periodic compliance inspection is conducted.

26. The permittee shall pay fees to the Department pursuant to N.J.A.C.7:27-8.

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section D

Facility Name: PN-DC 1
Facility ID No.: 19525
Permit Activity No.: PCP250001

PERMIT INFORMATION

FACILITY SPECIFIC REQUIREMENTS

REASON FOR APPLICATION

FACILITY PROFILE (GENERAL)

EQUIPMENT INVENTORY

EMISSION POINT INVENTORY

EMISSION UNIT INVENTORY

New Jersey Department of Environmental Protection

Facility Specific Requirements

FC

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
1	The Permittee shall not cause, suffer, or allow to emit into the outdoor atmosphere substances in quantities which shall result in air pollution as defined at N.J.A.C. 7:27-5.1. [N.J.A.C. 7:27- 5]	None.	None.	None.
2	The permittee shall not suffer, allow, or permit any air contaminant detectable by the sense of smell to be present in the outdoor atmosphere in such quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, or would unreasonably interfere with the enjoyment of life or property. This shall not include an air contaminant which occurs only in areas over which the permittee has exclusive use or occupancy. In determining whether an odor unreasonably interferes with the enjoyment of life or property, the Department shall consider all of the relevant facts and circumstances, including, but not limited to, the character, severity, frequency, and duration of the odor, and the number of persons affected thereby. In considering these and other relevant facts and circumstances, no one factor shall be dispositive, but each shall be considered relevant in determining whether an odor interferes with the enjoyment of life and property, and, if so, whether such interference is unreasonable considering all of the circumstances. [N.J.A.C. 7:27- 8.3(j)]	None.	None.	None.
3	Process monitors must be operated at all times when the associated process equipment is operating except during outage time allowed by Department guidelines/ procedures or as outlined in Technical Manual 1005. [N.J.A.C. 7:27- 8.13(a)]	None.	Other: Keep records of parameters monitored by the process monitor(s) as instructed by the Department's guidelines/procedures or as outlined in Technical Manual 1005. [N.J.A.C. 7:27- 8.13(d)].	None.
4	The permittee shall meet all requirements of the approved source emissions testing and monitoring protocol during the term of the preconstruction permit. Whenever the permittee makes a replacement, modification, change or repair of a certified CEMS or COMS that may significantly affect the ability of the system to accurately measure or record data, the permittee must recertify the CEMS or COMS in accordance with Section V.B. and Appendix E of Technical Manual 1005. The permittee is responsible for contacting the Emission Measurement Section to determine the need for recertification and/or to initiate the recertification process. The permittee is responsible for any downtime associated with the replacement, modification, change or repair of the CEMS or COMS. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.

New Jersey Department of Environmental Protection

Facility Specific Requirements

FC

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
5	A person who causes a release of air contaminants in a quantity or concentration which poses a potential threat to public health, welfare or the environment or which might reasonably result in citizen complaints shall immediately notify the department. A person who fails to so notify the department is liable to the penalties and procedures prescribed in this section. [N.J.S.A. 26: 2C-19(e)]	None.	None.	Notify by phone: Upon occurrence of event. The Permittee shall immediately notify the Department of any non-compliance by calling the Environmental Action Hotline at (877) 927-6337. [N.J.S.A. 26: 2C-19 (e)]
6	The permittee is required to submit annual emission statements of their actual emissions if the Potential-to-emit for the entire facility equals to or exceeds any of the following thresholds (including all emissions from the facility, both permitted and unpermitted). Additional information about Emission Statement reports can be obtained by calling (609) 984-5483. Air Contaminant Threshold in Tons per Year: VOC: 10 tons per year NOx: 25 tons per year CO: 100 tons per year SO2: 100 tons per year TSP: 100 tons per year PM2.5: 100 tons per year PM10: 100 tons per year Ammonia (NH3): 100 tons per year Lead (Pb): 5 tons per year Methane (CH4): 100 tons per year [N.J.A.C. 7:27-21]	None.	None.	None.
7	The permittee is required to submit a Title V Operating Permit application, within one year, if the potential-to-emit for the entire facility equal to or exceeds any of the following thresholds (including all emissions from the facility, both permitted and unpermitted). Additional information about Operating Permits can be obtained by calling the Operating Permit Hotline at (609) 633 - 8248. Air Contaminant Threshold in Tons per Year: CO: 100 tons per year PM10: 100 tons per year PM2.5: 100 tons per year TSP: 100 tons per year SO2: 100 tons per year SO2 (as a PM2.5 precursor): 100 tons per year NOx: 25 tons per year NOx (as a PM2.5 precursor): 100 tons per year VOC: 25 tons per year Lead: 10 tons per year Any HAP: 10 tons per year All HAPs collectively: 25 tons per year Any other air contaminant, except CO2: 100 tons per year [N.J.A.C. 7:27-22]	None.	None.	None.
8	Potential to Emit (PTE) of all other air contaminants, not listed in this permit, shall be below their respective reporting thresholds for contaminants listed as N.J.A.C. 7:27-8, Appendix I, Table A, and N.J.A.C. 7:27-17.9(a), as applicable. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

New Jersey Department of Environmental Protection

Facility Specific Requirements

FC

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
9	The Department and its authorized representatives shall have the right to enter and inspect any facility subject to N.J.A.C. 7:27-8, or portion thereof. [N.J.A.C. 7:27- 1.31]	None.	None.	None.
10	Continuous recording for process monitors must be at a sufficient frequency and resolution to be able to document compliance or non-compliance in accordance with Technical Manual 1005 for CEMS (TM1005(B)(3)). [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
11	Consistent with EPA's National Stack Testing Guidance and Technical Manual 1004, a facility may not stop an ongoing stack test because it would have failed the test unless the facility also ceases operation of the equipment in question to correct the issue. Stopping an ongoing stack test in these instances will be considered credible evidence of emissions non-compliance. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
12	All information provided in the application as well as the information related to the application included as Attachments to the application shall be considered as a part of the permit and is subject to enforcement. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
13	Any information contained in an approved application and any condition of approval thereof, are subject to enforcement. This includes the following application information, which shall constitute maximum allowable limits, unless the Department establishes other limits in the conditions of approval: 1. Rates of emission of each air contaminant and each category of air contaminant listed; 2. Total hours of operation per time period; and 3. Any rate of production. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

New Jersey Department of Environmental Protection

Facility Specific Requirements

U1 Emergency Generators
OS SUMMARY

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
1	Testing and maintenance of engines shall be limited as follows: 1. Only one engine shall be tested at a time between the hours of 8:00 am and 8:00 pm, 2. Two or more engines shall only be tested simultaneously within the hours of 12PM and 4PM, for no more than 30-minutes per engine within any consecutive 60-minute period, and 3. No more than six engines shall be tested at once. [N.J.A.C. 7:27- 8.13(a)]	Hours of Operation: Monitored by hour/time monitor continuously. The engine shall be equipped with a nonresettable hour meter. [N.J.A.C. 7:27- 8.13(d)]	Hours of Operation: Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event . The owner or operator shall maintain on site and record the following information: Each time the emergency generator is specifically operated for testing or maintenance: i. The reason for its operation; ii. The date(s) of operation and the start up and shut down time; iii. The total operating time for testing or maintenance based on the generator's hour meter; iv. The name of the operator; and v. If multiple engines are operated simultaneously, the NJID number of each engine operated. [N.J.A.C. 7:27-19.11(b)]	None.
2	Shall not permit any additional sources of diesel particulate matter (DPM) via general permit. Only case-by-case preconstruction permit (PCP) applications may be submitted for any additional source of DPM. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
3	TSP <= 0.087 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
4	PM-10 (Total) <= 0.12 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
5	PM-2.5 (Total) <= 0.12 tons/yr. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
6	VOC (Total) <= 0.143 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
7	SO2 <= 0.0105 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
8	NOx (Total) <= 12.65 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
9	CO <= 3.52 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
10	Ammonia <= 0.033 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
11	Arsenic compounds <= 0.0000661 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
12	Benzene <= 0.00769 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
13	Cadmium compounds <= 0.0000619 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

New Jersey Department of Environmental Protection

Facility Specific Requirements

U1 Emergency Generators
OS SUMMARY

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
14	Formaldehyde <= 0.0713 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
15	HAPs (Total) <= 0.0791 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
16	Opacity: During operation of the emergency generator (s), Permittee shall not cause, suffer, allow or permit smoke the shade or appearance of which is darker than number 1 on the Ringelmann smoke chart or greater than 20 percent opacity, exclusive of visible condensed water vapor, to be emitted into the outdoor air from the combustion of fuel in any emergency generator for a period of more than 10 consecutive seconds. [N.J.A.C. 7:27- 3.5]	None.	None.	None.
17	Sulfur Content in Fuel <= 15 ppmw (0.0015% by weight). [N.J.A.C. 7:27- 9.2(b)]	Sulfur Content in Fuel: Monitored by review of fuel delivery records per delivery showing fuel sulfur content. [N.J.A.C. 7:27- 8.13(d)]	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing fuel sulfur content. [N.J.A.C. 7:27- 8.13(d)]	None.
18	Each emergency generator shall be located at the facility and produce mechanical or thermal energy, or electrical power exclusively for use at the facility. This emergency generator shall be operated only: 1. During the performance of normal testing and maintenance procedures, as recommended in writing by the manufacturer and/or as required in writing by a Federal or State law or regulation, 2. When there is power outage or the primary source of mechanical or thermal energy fails because of an emergency, or when the power disruption resulted from construction, repair, or maintenance activity (CRM) at the facility. Operation of the emergency generator under construction, repair, or maintenance activity is limited to 30 days in any calendar year; or 3. When there is a voltage reduction issued by PJM and posted on the PJM internet website (www.pjm.com) under the "emergency procedures" menu. [N.J.A.C. 7:27-19.1]	Monitored by hour/time monitor continuously. [N.J.A.C. 7:27- 8]	Recordkeeping by manual logging of parameter or storing data in a computer data system at the approved frequency. Record the following information: 1. Once per month, the total operating time from the generator's hour meter and the monthly hours of operation for emergency use and during power disruption from CRM. Document if the emergency use was due to internal or external loss of primary source of energy, or due to a fire or flood. If internal loss at the facility, document the emergency and/or CRM that occurred, the damages to the primary source of energy and the amount of time needed for repairs. 2. For each time the emergency generator is specifically operated for testing or maintenance: i. The reason for its operation; ii. The date(s) of operation and the start up and shut down time; iii. The total operating time for testing or maintenance based on the generator's hour meter; and iv. The name of the operator; and 3. If a voltage reduction is the reason for the use of the emergency generator, a copy of the voltage reduction notification from PJM or other documentation of the voltage reduction. The owner or operator of an emergency generator shall maintain the above records for a period no less than five years after the record was made and shall make the records readily available to the Department or the EPA upon request. [N.J.A.C. 7:27-19.11]	None.

New Jersey Department of Environmental Protection

Facility Specific Requirements

U1 Emergency Generators
OS SUMMARY

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
19	This emergency generator shall not be used: 1. For normal testing and maintenance on days when the Department forecasts air quality anywhere in New Jersey to be "unhealthy for sensitive groups," "unhealthy," or "very unhealthy" as defined in the EPA's Air Quality Index at http://airnow.gov/, as supplemented or amended and incorporated herein by reference, unless required in writing by a Federal or State law or regulation. Procedures for determining the air quality forecasts for New Jersey are available at the Department's air quality permitting web site at http://www.state.nj.us/dep/aqpp/aqforecast; and 2. As a source of energy or power after the primary energy or power source has become operable again after emergency or after power disruption resulted from construction, repair, or maintenance activity. Operation of the emergency generator during construction, repair, or maintenance activity shall be limited to no more than 30 days of operation per calendar year. If the primary energy or power source is under the control of the owner or operator of the emergency generator, the owner or operator shall make a reasonable, timely effort to repair the primary energy or power source. [N.J.A.C. 7:27-19.2 (d)]	None.	None.	None.
20	No owner or operator subject to NSPS standards in Part 60, shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. [40 CFR 60.12]	None.	None.	None.
21	All requests, reports, applications, submittals, and other communications to the Administrator pursuant to Part 60 shall be submitted in duplicate to the Regional Office of US Environmental Protection Agency. Submit information to: Director, Division of Enforcement & Compliance Assistance, US EPA, Region 2, 290 Broadway, New York, NY 10007-1866. [40 CFR 60.4(a)]	None.	None.	Submit a report: As per the approved schedule to EPA Region 2 as required by 40 CFR 60. [40 CFR 60.4(a)]
22	Copies of all information submitted to EPA pursuant to 40 CFR Part 60, must also be submitted to the appropriate Regional Enforcement Office of NJDEP. [40 CFR 60.4(b)]	None.	None.	Submit a report: As per the approved schedule to the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60. [40 CFR 60.4(b)]

New Jersey Department of Environmental Protection

Facility Specific Requirements

U1 Emergency Generators
OS1 EGEN 1, OS2 EGEN 2, OS3 EGEN 3, OS4 EGEN 4, OS5 EGEN 5, OS6 EGEN 6, OS7 EGEN 7, OS8 EGEN 8, OS9 EGEN 9, OS10 EGEN 10, OS11 EGEN 11, OS12 EGEN 12

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
1	Hours of Operation <= 28 hr/yr for testing and maintenance. The limit on the allowable hours for testing and maintenance in accordance with the documentation from manufacturer, the vendor, or the insurance company associated with the engine. [N.J.A.C. 7:27-8.13(a)]	Hours of Operation: Monitored by hour/time monitor continuously. The engine shall be equipped with a nonresettable hour meter. [N.J.A.C. 7:27- 8.13(d)]	Hours of Operation: Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator shall maintain on site and record the following information: For each time the emergency generator is specifically operated for testing or maintenance: i. The reason for its operation; ii. The date(s) of operation and the start up and shut down time; iii. The total operating time for testing or maintenance based on the generator's hour meter; and iv. The name of the operator. [N.J.A.C. 7:27-19.11(b)]	None.
2	TSP <= 0.518 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
3	PM-10 (Total) <= 0.717 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
4	PM-2.5 (Total) <= 0.717 lb/hr. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
5	VOC (Total) <= 0.854 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
6	SO2 <= 0.0627 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
7	NOx (Total) <= 75.28 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
8	CO <= 21 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
9	Ammonia <= 0.197 lb/hr. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
10	Arsenic compounds <= 0.000393 lb/hr. [N.J.A.C. 7:27-8.13(h)]	None.	None.	None.
11	Benzene <= 0.0458 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
12	Cadmium compounds <= 0.000369 lb/hr. [N.J.A.C. 7:27-8.13(h)]	None.	None.	None.
13	Formaldehyde <= 0.424 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
14	Maximum Gross Heat Input <= 33.67 MMBTU/hr (HHV). [N.J.A.C. 7:27- 8]	None.	Other: Keep records showing the maximum heat rate input.[N.J.A.C. 7:27- 8.13(d)3].	None.

New Jersey Department of Environmental Protection

Facility Specific Requirements

U1 Emergency Generators
OS1 EGEN 1, OS2 EGEN 2, OS3 EGEN 3, OS4 EGEN 4, OS5 EGEN 5, OS6 EGEN 6, OS7 EGEN 7, OS8 EGEN 8, OS9 EGEN 9, OS10 EGEN 10, OS11 EGEN 11, OS12 EGEN 12

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
15	The engine is subject to the federal New Source Performance Standareds (NSPS), Subpart A and Subpart IIII. The permittee shall comply with the General Provisions in Table 8 to Subpart IIII of Part 60. [40 CFR 60.4202]	None.	None.	None.
16	The owner or operator of a 2011 model year and later emergency generator with the maximum engine power > 3,000 HP (>2,237 kW) and a displacement of < 10 liters per cylinder must comply with the certification emissions standards in 40 CFR 1039 appendix I for all pollutants and them smoke standards as specified in 40 CFR 1039.105 for the same model year and same maximum engine power as follows: NMHC + NOx <= 6.4 g/kW-hr, CO <= 3.5 g/kW-hr, PM <= 0.20 g/kW-hr. [40 CFR 60.4205(b)]	None.	Other: The owner or operator of a 2007 model year or later engine must keep manufacturer certification showing compliance with the applicable emission standards, for the same model year and maximum engine power. [40 CFR 60.4211].	None.
17	Owners and operators of stationary CI internal combustion engines must operate and maintain stationary CI ICE that achieve the emission standards as required in 40 CFR 60.4204 and 60.4205 according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. [40 CFR 60.4206]	None.	Other: The owner or operator shall keep the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. [40 CFR 60.4206].	None.
18	Beginning October 1, 2010, the CI internal combustion engines with a displacement of less than 30 liters per cylinder subject to NSPS IIII (manufactured after April 1, 2006 or modified or reconstructed after July 11, 2005) that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(b) that contains the following per gallon standards: 15 ppm (0.0015 percent) maximum sulfur content and either a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent. [40 CFR 60.4207(b)]	Monitored by review of fuel delivery records once per bulk fuel shipment. For each diesel delivery received, the owner or operator shall review written documentation of the delivery to ensure the maximum allowable fuel oil sulfur content and either a minimum cetane index or a maximum aromatic content is not being exceeded. Such written documentation can include, but is not limited to: bill of lading, delivery invoice, certificate of analysis. [N.J.A.C. 7:27- 8.13(a)]	Recordkeeping by invoices / bills of lading once per bulk fuel shipment. The owner or operator shall keep records of fuel showing oil sulfur content and either a minimum cetane index or a maximum aromatic content for each delivery received. All records must be maintained for a minimum of 2 years following the date of such records per 40 CFR 60.7(f). [N.J.A.C. 7:27- 8.13(a)]	None.
19	After December 31, 2008, owners and operators may not install stationary CI ICE (excluding fire pump engines) that do not meet the applicable requirements for 2007 model year engines. [40 CFR 60.4208]	None.	None.	None.
20	The owner or operator that must comply with the emission standards specified in NSPS IIII must operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, owners and operators may only change those settings that are permitted by the manufacturer. The owner or operator must also meet the requirements of 40 CFR part 1068, as applicable. [40 CFR 60.4211(a)]	None.	Other: The owner or operator shall keep the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. [40 CFR 60.4211(a)].	None.

New Jersey Department of Environmental Protection

Facility Specific Requirements

U1 Emergency Generators
OS1 EGEN 1, OS2 EGEN 2, OS3 EGEN 3, OS4 EGEN 4, OS5 EGEN 5, OS6 EGEN 6, OS7 EGEN 7, OS8 EGEN 8, OS9 EGEN 9, OS10 EGEN 10, OS11 EGEN 11, OS12 EGEN 12

Ref.#	Applicable Requirement	Monitoring Requirement	Record Keeping Requirement	Submittal/Action Requirement
21	The owner or operator of a 2007 model year and later stationary CI internal combustion engine complying with the emission standards specified in 40 CFR 60.4204(b) or 40 CFR 60.4205(b), must comply by purchasing an engine certified to the emission standards in 40 CFR 60.4204(b) or 40 CFR 60.4205(b) as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications. [40 CFR 60.4211(c)]	None.	Other: The owner or operator must keep documentation for the life of the equipment from the manufacturer that the engine is certified to meet the emission standards as applicable, for the same model year and maximum engine power. [40 CFR 60.4211(c)].	None.
22	Emergency generators may be operated for the purpose of maintenance checks and readiness testing limited to 100 hours per year, provided that those tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Anyone may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. [40 CFR 60.4211(f)]	Monitored by hour/time monitor continuously. The owner or operator of an emergency stationary internal combustion engine must install a non-resettable hour meter prior to startup of the engine. [40 CFR 60.4209(a)]	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator must record the time of operation of the emergency engine and the reason the engine was in operation during that time. Starting with the model year 2011, 2012, or 2013, depending on the size of the engine as provided in Table 5 in NSPS IIII, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter if the emergency engine does not meet the standards in 40 CFR 60.4204, applicable to non-emergency engines, in the applicable model year. [40 CFR 60.4214(b)]	None.
23	A new or reconstructed stationary RICE located at an area HAP source must meet the requirements of 40 CFR 63 by meeting the requirements of 40 CFR 60 subpart IIII, for compression ignition engines or 40 CFR 60 subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under 40 CFR 63. [40 CFR 63.6590(c)]	Other: Comply with all applicable provisions at NSPS IIII. [40 CFR 63].	Other: Comply with all applicable provisions at NSPS IIII. [40 CFR 63].	None.

New Jersey Department of Environmental Protection

Reason for Application

Permit Being Modified	
Description of Modification	

New Jersey Department of Environmental Protection

Facility Profile (General)

Facility Information

Facility Name:	PN-DC 1
Street Address:	4405 US RT 1 SOUTH BRUNSWICK, NJ 08540
Mailing Address:	4405 US RT 1 SOUTH BRUNSWICK, NJ 08540
County:	Middlesex
Location Description	

X-Coordinate	533792
Y-Coordinate	4467945
Units	Meters
Datum	Unknown
Coord Source Org	EPA
Coord Source Type	DEP Program Database
Primary SIC	
Secondary SIC	
NAICS	518210

New Jersey Department of Environmental Protection

Facility Profile (General)

Contact Type: Air Permit Information Contact

Organization	Sentinel Data Center
Name	Kevin Groen
Title	Director of Construction/Operations
Phone	(732) 661-8084
Fax Number	() -
E-mail Address	kgroen@sentineldatacenters.com

Organization Type	LLC
NJ EIN	

Mailing Addres
201 Main Avenue Clifton, NJ 07014

Contact Type: Consultant

Organization	ALL4 LLC
Name	Sharon Sadler
Title	Office Leader
Phone	(571) 392-2595
Fax Number	() -
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Organization Type	LLC
NJ EIN	

Mailing Addres
13655 Dulles Technology Drive Suite 110 Herndon, VA 20171

Contact Type: Fees/Billing Contact

Organization	Sentinel Data Center
Name	Kevin Groen
Title	Director of Construction/Operations
Phone	(732) 661-8084
Fax Number	() -
E-mail Address	kgroen@sentineldatacenters.com

Organization Type	LLC
NJ EIN	

Mailing Addres
201 Main Avenue Clifton, NJ 07014

PCP250001

New Jersey Department of Environmental Protection

Facility Profile (General)

Contact Type: Responsible Official

Organization	Sentinel Data Center
Name	Kevin Groen
Title	Director of Construction/Operations
Phone	(732) 661-8084
Fax Number	() -
E-mail Address	kgroen@sentineldatacenters.com

Organization Type	LLC
NJ EIN	

Mailing Addres
201 Main Avenue Clifton, NJ 07014

New Jersey Department of Environmental Protection

Equipment Inventory

NJID	Facility Designation	Equipment Description	Equipment Type	Certification Number	Installation Date	Grand Fathered	Last Mod. (Since 1968)	Equip. Set NJID
E1	EGEN 1	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		3/17/2026	No		
E2	EGEN 2	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		3/18/2026	No		
E3	EGEN 3	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		3/19/2026	No		
E4	EGEN 4	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		3/20/2026	No		
E5	EGEN 5	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		11/1/2026	No		
E6	EGEN 6	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		11/1/2026	No		
E7	EGEN 7	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		11/1/2026	No		
E8	EGEN 8	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		11/1/2026	No		
E9	EGEN 9	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		4/16/2026	No		
E10	EGEN 10	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		4/17/2026	No		
E11	EGEN 11	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		6/2/2026	No		
E12	EGEN 12	3,620 kW Caterpillar Emergency Generator	Emergency Generator - ICE		6/3/2026	No		

19525 PCP 250001 E1 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E2 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E3 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E4 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E5 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E6 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E7 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E8 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E9 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E10 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E11 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

19525 PCP 250001 E12 Print Date: 08/14/2026

Emergency Generator - ICE Details

Make:	Caterpillar
Manufacturer:	Caterpillar
Model:	C175-20
Maximum Rated Gross Heat Input (MMBtu/hr):	33.67
Class:	Other
Description:	N/A
Duty:	Standby Power
Description:	
Minimum Load Range (%):	
Maximum Load Range (%):	
Stroke:	
Power Output (BHP):	5,166.00
Electric Output(KW):	3,620.00
Compression Ratio:	15.3
Ignition Type:	Compression
Description:	
Engine Speed (RPM):	1,800.0
Engine Exhaust Temperature (°F):	867.9
Air to Fuel Ratio at Peak Load:	
Ratio Basis:	
Lambda Factor (scfm/scfm):	
Brake Specific Fuel Consumption at Peak Load (Btu/BHP-hr):	6,517.0
Output Type:	Electric
Heat To Power Ratio:	

Is the Engine Using a Turbocharger? Yes

Is the Engine Using an Aftercooler? Yes

Is the Engine Using (check all that apply):

- A Prestratified Charge (PSC)
- Air to Fuel Adjustment (AF)
- Low Emission Combustion
- Other
- A NOx Converter
- Ignition Timing Retard
- Non-Selective Catalytic Retard (NSCR)

Description:

Have you attached a diagram showing the location and/or the configuration of this equipment? Yes

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? Yes

Comments:

The diagram showing equipment location is contained in a plot plan in the modeling protocol. Additional equipment details can be found below:

Engine Model Year - 2025
Date of Manufacturer - 2025
Displacement Liters/Cylinder - 5.29
EPA Certification # - SCPXL106.NZS-030
Engine Family # - SCPXL106.NZS
Engine Tier - Tier 2

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

New Jersey Department of Environmental Protection

Emission Points Inventory

PT NJID	Facility's Designation	Description	Config.	Equiv. Diam (in.)	Height (ft.)	Property Line Distance (ft.)	Exhaust Temp. (deg F.)			Exhaust Vol. (acfm)			Discharge Direction	PT Set ID
							Avg.	Min	Max	Avg	Min	Max		
PT1	Stack 1	EGEN 1	Round	26	33	75	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT2	Stack 2	EGEN 2	Round	26	33	89	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT3	Stack 3	EGEN 3	Round	26	33	155	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT4	Stack 4	EGEN 4	Round	26	33	172	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT5	Stack 5	EGEN 5	Round	26	33	195	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT6	Stack 6	EGEN 6	Round	26	33	195	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT7	Stack 7	EGEN 7	Round	26	33	195	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT8	Stack 8	EGEN 8	Round	26	33	195	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT9	Stack 9	EGEN 9	Round	26	33	195	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT10	Stack 10	EGEN 10	Round	26	33	195	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT11	Stack 11	EGEN 11	Round	26	33	195	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	
PT12	Stack 12	EGEN 12	Round	26	33	195	848.3	589.1	867.9	19327.7	6907.6	27933.9	Horizontal	

Emission Unit Inventory

New Jersey Department of Environmental Protection

Emission Unit Inventory

U 1 Emerg. Gen. Emergency Generators

UOS NJID	Facility Desig.	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	All SCC per EU	Annual Oper. Hrs		VOC Range	Flow (acfm)		Temp (deg. F)	
								Min	Max		Min	Max	Min	Max
OS1	EGEN 1	EGEN 1	Standby	E1		PT1	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS2	EGEN 2	EGEN 2	Standby	E2		PT2	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS3	EGEN 3	EGEN 3	Standby	E3		PT3	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS4	EGEN 4	EGEN 4	Standby	E4		PT4	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS5	EGEN 5	EGEN 5	Standby	E5		PT5	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS6	EGEN 6	EGEN 6	Standby	E6		PT6	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS7	EGEN 7	EGEN 7	Standby	E7		PT7	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS8	EGEN 8	EGEN 8	Standby	E8		PT8	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS9	EGEN 9	EGEN 9	Standby	E9		PT9	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS10	EGEN 10	EGEN 10	Standby	E10		PT10	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS11	EGEN 11	EGEN 11	Standby	E11		PT11	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9
OS12	EGEN 12	EGEN 12	Standby	E12		PT12	2-01-001-02	0.0	28.0		6907.6	27933.9	589.1	867.9

New Jersey Department of Environmental Protection

Emission Unit Inventory

19525 PN-DC 1 PCP 250001 U1 OS1 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS2 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS3 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS4 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS5 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS6 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS7 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS8 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS9 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS10 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS11 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	

19525 PN-DC 1 PCP 250001 U1 OS12 Print Date: 07/08/2026

Fuel Information Table

Is this fuel a blend?	○ Yes ○ No
Fuel Category:	Commercial
Fuel Type:	Diesel fuel
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	0.01
Fuel Heating Value:	137,000.00
Units:	BTU/gal
Estimated maximum Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,796.00
Units:	gal/yr
Amount of Oxygen in Flue Gas (%):	
Amount of Moisture in Flue Gas (%):	
Comments:	