SC DEPARTMENT of ENVIRONMENTAL SERVICES

Bureau of Air Quality
Prevention of Significant Deterioration
Final Determination

Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station
Corner of Hwy 81 S and True Temper Road
Anderson, SC 29624
Anderson, South Carolina
Anderson County

Permit Number PSD-50000026
Agency Air Number: 0200-0310
November 19, 2026

This review was performed by the Bureau of Air Quality of the South Carolina Department of Environmental Services in accordance with South Carolina Regulations for the Prevention of Significant Air Quality Deterioration.

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1.0 Timeline (Permitting Action History)

February 19, 2026	A Prevention of Significant Deterioration (PSD) pre-application meeting was held with representatives from Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station (Duke Energy Carolinas, or DEC), ALL4, and the South Carolina Department of Environmental Services (SCDES), Bureau of Air Quality (BAQ).
March 11, 2026	SCDES received a PSD permit application from Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station.
March 13, 2026	Air Permitting of the BAQ submitted a copy of the application to the U.S. Environmental Protection Agency (EPA) via the EPA's Electronic Permit System.
March 25, 2026	The BAQ determined that the application was incomplete. Correction requests were sent via ePermitting.
April 7, 2026	The BAQ received an updated PSD permit application from Duke.
April 21, 2026	A meeting was held with representatives from Duke, ALL4, and the BAQ to discuss correction requests.
May 1, 2026	The BAQ determined that the application was incomplete. Correction requests were sent via ePermitting.
May 6, 2026	The BAQ received an updated PSD permit application from Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station.
May 6, 2026	The Air Permitting of the BAQ received email correspondence from Kathleen Musmanno of EPA Region 4.
May 13, 2026	The BAQ determined that the application was incomplete. Correction requests were sent via ePermitting.
May 13, 2026	An additional meeting was held with representatives from Duke, ALL4, and the BAQ to discuss correction requests.
May 27, 2026	The BAQ received email correspondence from Andrea Stacy of the National Park Service.
May 29, 2026	SCDES received an updated PSD permit application from Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station.

June 2, 2026	SCDES received an updated PSD permit application from Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station.
June 4, 2026	Air Permitting of the BAQ submitted a copy of the application to the U.S. Environmental Protection Agency (EPA) via the EPA's Electronic Permit System.
June 4, 2026	Air Permitting of BAQ emailed a letter to representatives of the U.S. EPA, Fish and Wildlife, National Park Service, and Department of Agriculture, informing them that the BAQ had deemed the application complete.
July 31, 2026	Air Permitting of BAQ emailed draft permitting documents to Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station and ALL4 for review.
August 14, 2026	Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station provided their comments on the draft documents to SCDES.
August 28, 2026	Air Permitting of BAQ received an updated PSD permit application from Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station.
August 31, 2026	Air Permitting of BAQ emailed draft modeling documents to Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station and ALL4 for review.
September 1, 2026	Air Permitting of BAQ emailed draft modeling documents to Kathleen Musmanno and Lorinda Shepherd of EPA Region 4 for review.
September 3, 2026	Air Permitting of BAQ emailed draft permitting documents to Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station and ALL4 for review.
September 4, 2026	Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station and ALL4 provided their comments on the draft modeling documents to SCDES.
September 9, 2026	Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station provided their comments on the draft permitting documents to Air Permitting of BAQ.
September 11, 2026	The BAQ placed the PSD Preliminary Determination and PSD Construction Permit No. PSD-50000026 v1.0 on public notice for a forty-(40) day comment period. All appropriate Federal and State Officials were notified.

October 13, 2026	The BAQ held an availability session to answer questions from the public and a public hearing, to receive oral and written comments on the proposed project.
November 19, 2026	The BAQ issued a Final Determination and Construction Permit No. PSD-50000026.

2.0 Introduction and Preliminary Determination

2.1 Project Overview

Due to emissions increases associated with this proposal, the project is subject to S.C. Regulation 61-62.5, Standard No. 7, "Prevention of Significant Deterioration (PSD)." This regulation is equivalent to the Federal Prevention of Significant Deterioration of Air Quality regulations in Title 40 Code of Federal Regulations (CFR) Section 52.21. Pursuant to these regulations, new major stationary sources and modifications to major stationary sources of air pollution must demonstrate that they will not significantly deteriorate the air quality in their region. The facility has potential emissions for the pollutants listed in Table 1 below, which exceed the significance levels allowed in this regulation. The PSD review was conducted for each of these pollutants and includes a Best Available Control Technology (BACT) determinations and Ambient Air Impact Analyses.

As shown in **Error! Reference source not found.**, this project exceeds the significant threshold as defined under PSD for each pollutant listed.

Table 1 - PSD Applicability Analysis

Pollutant	Controlled Emissions Increase	PSD Significant Threshold	Significant Increase?
	TPY	TPY	
PM	276.59	25	Yes
PM_{10}	390.68	15	Yes
$PM_{2.5}$	390.68	10	Yes
SO_2	59.99	40	Yes
NO_X	629.84	40	Yes
CO	588.05	100	Yes
VOC	133.96	40	Yes
H_2SO_4	4.57	7	No
Lead	0.02	0.6	No
CO_2e	6,014,704	75,000	Yes
Fluorides	---	3.0	No

2.2 Detailed Process Description

This project is for the installation of a new combined-cycle power block consisting of two (2) advanced-class General Electric (GE) 7HA.03 combustion turbines (CTs), two (2) heat recovery steam generators (HRSG), and one (1) steam turbine (ST) along with an air-cooled condenser (ACC) system to minimize water use. The combined cycle combustion turbines (CCCTs) will primarily fire natural gas and utilize No. 2 fuel oil [ultra-low sulfur diesel (ULSD)] as a backup fuel source. The maximum nominal heat input on natural gas for each CCCT is expected to be 4,989 MMBtu/hr (includes the CT and duct firing in the HRSG) and the maximum nominal heat input on ULSD is expected to be 4,257 MMBtu/hr.

Each CT will be equipped with dry low-NO_x combustors (DLN), selective catalytic reduction (SCR) technology, and an oxidation catalyst for emissions control and continuous emissions monitoring systems (CEMS) for measurement of NO_x, CO, O_2, and CO_2. The HRSG are equipped with supplemental duct firing (natural gas-fired). The combustion turbines will also be equipped with monitored bypass stacks to allow the units to be operated in simple-cycle mode. The turbines will be "hydrogen capable" should this fuel source be commercially available at a point in the future; however, the application is not requesting authorization to combust hydrogen at this time. The ACC system will consist of fin-fan air-cooled heat exchangers.

Additional proposed equipment will include: one (1) 123.6 MMBtu/hr natural gas-fired auxiliary boiler to provide steam to start up the power block in combined-cycle mode, one (1) 2,943 horsepower (hp) emergency diesel-fired generator, one (1) 385.7 hp emergency diesel-fired fire water pump engine, two (2) 10.2 MMBtu/hr natural gas-fired dew point heaters, two (2) ULSD storage tanks, and an electric-driven compressor station that includes a natural gas-fired emergency generator and 24 small natural gas-fired heaters.

2.3 Regulatory Applicability

The project results in potential emissions that exceed the PSD significant thresholds. By virtue of the proposed increase, this project is subject to review under the following standards in S.C. Regulation 61-62 and Federal standards:

- S.C. Regulation 61-62.5, Standard No. 1, *Emissions from Fuel Burning Operations*
- S.C. Regulation 61-62.5, Standard No. 2, *Ambient Air Quality Standards*
- S.C. Regulation 61-62.5, Standard No. 4, *Emissions from Process Industries*
- S.C. Regulation 61-62.5, Standard No. 7, *Prevention of Significant Deterioration*
- S.C. Regulation 61-62.6, *Control of Fugitive Particulate Matter*
- S.C. Regulation 61-62.7, *Good Engineering Practice Stack Height*
- S.C. Regulation 61-62.60, *South Carolina Designated Facility Plan and New Source Performance Standards*
- 40 CFR 60, *Standards of Performance for New Stationary Sources*
- S.C. Regulation 61-62.60 and 40 CFR 60, *Standards of Performance of New Stationary Sources*, Subpart A, *General Provisions*
- S.C. Regulation 61-62.60 and 40 CFR 60, *Standards of Performance of New Stationary Sources*, Subpart Db, *Standards of Performance for Industrial - Commercial - Institutional Steam Generating Units*
- S.C. Regulation 61-62.60 and 40 CFR 60, *Standards of Performance of New Stationary Sources*, Subpart Dc, *Standards of Performance for Small Industrial Commercial - Institutional Steam Generating Units*

- S.C. Regulation 61-62.60 and 40 CFR 60, *Standards of Performance of New Stationary Sources*, Subpart IIII, *Standards of Performance for Stationary Compression Ignition Internal Combustion Engines*
- S.C. Regulation 61-62.60 and 40 CFR 60, *Standards of Performance of New Stationary Sources*, Subpart JJJJ, *Standards of Performance for Stationary Spark Ignition Combustion Engines*
- S.C. Regulation 61-62.60 and 40 CFR 60, *Standards of Performance of New Stationary Sources*, Subpart KKKKa, *Standards of Performance for Stationary Combustion Engines*
- S.C. Regulation 61-62.60 and 40 CFR 60, *Standards of Performance of New Stationary Sources*, Subpart TTTTa, *Standards of Performance for Greenhouse Gas Emissions for Modified Coal-Fired Steam Electric Generating Units and New Construction and Reconstruction Stationary Combustion Turbine Electric Generating Units*
- S.C. Regulation 61-62.63 and 40 CFR 63, *National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories*, Subpart A, *General Provisions*
- S.C. Regulation 61-62.63 and 40 CFR 63, *National Emission Standards For Hazardous Air Pollutants For Source Categories*, Subpart ZZZZ, *National Emission Standards For Hazardous Air Pollutants For Stationary Reciprocating Internal Combustion Engines*
- S.C. Regulation 61-62.70, *Title V Operating Permit Program*
- S.C. Regulation 61-62.72 and 40 CFR 72, 73, 74, 75, and 76, *Acid Rain*
- S.C. Regulation 61-62.97 and 40 CFR 97 *Cross-State Air Pollution Rule*
- 40 CFR 98, *Mandatory Greenhouse Gas Reporting*

3.0 Following the Comment Period

3.1 Change to the Draft Permit and Draft Statement of Basis

The following is a summary of the changes to the draft permit and other actions taken by the Department following the comment period:

- Conditions B.67, B.70, B.72, B.78, and B.79 have been updated according to the EPA's changes made to New Source Performance Standard (NSPS) Subpart KKKKa - Standards of Performance for Stationary Combustion Turbines on July 16, 2026.
- Conditions B.2, B.5, B.7, B.8, B.9, B.11, B.13, B.17, B.19, B.20, B.22, B.25, B.26, B.34, B.41, and B.44 have been updated to require reports be submitted to the Department on a quarterly basis rather than less frequent semiannual basis.
- Condition B.41 has been updated to specify actual CO_2 emissions be calculated in accordance with Part 75 for comparison with the calculated emissions limit.
- Condition B.90 was added to require an initial source test be conducted on specified Hazardous Air Pollutants to verify area source status.
- The statement of basis has been updated to indicate that the facility will operate a continuous emissions monitor for ongoing NO_X compliance as required by NSPS KKKKa rather than through subsequent testing and quarterly reporting instead of semiannual. In addition, a clarification has been added to the project emission table concerning HAP and the updated rule information for NSPS TTTTa has been added.

3.2 Response to Comments

Written comments and oral comments were received during the comment period. The Department has reviewed and considered each comment received. A summary of the comments received and the Department responses to those comments are in the Response to Comments on Air Quality, which is included as part of this Final Determination.

4.0 Final Determination

On September 11, 2026, the Department made a preliminary determination that Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station may install a new combined-cycle power block consisting of two (2) advanced-class General Electric (GE) 7HA.03 combustion turbines (CTs), two (2) heat recovery steam generators (HRSG), and one (1) steam turbine (ST) along with an air-cooled condenser (ACC) system to minimize water use along with the other associated equipment, if the emission limitations and conditions as outlined in the draft PSD Construction Permit PSD-50000026 v1.0 are met. This draft construction permit was included as part of the Preliminary Determination. The statement of basis that contains explanations of the permitting actions was also included as a part of the Preliminary Determination. The public comment period closed on October 20, 2026.

Written and oral comments were received. Changes to the draft permit and statement of basis and the Department's responses are listed in listed Section 3.0.

The Department has made a final determination that the Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station proposed project may be approved provided that the emission limitations and conditions as outlined in Construction Permit No. PSD-50000026 v1.0 are met. A copy of the final issued construction permit is included as part of this Final Determination.

The final BACT determinations are summarized in the Table 2.

Table 2 - Summary of BACT

Process	Pollutant	BACT Control Method	BACT Limit
CT-1, CT-2 Natural Gas – Normal Operation	CO	Catalytic oxidation and good combustion practices	2 ppmvd @ 15% O_2, 24-hr rolling average
CT-1, CT-2 No. 2 Fuel Oil – Normal Operation	CO	Catalytic oxidation and good combustion practices	1.7 ppmvd @ 15% O_2, 24-hr rolling average
CT-1, CT-2 Startup/Shutdown	CO	Adhere to optimal operational practices to minimize emissions and time in SU/SD Limiting emissions per 12-month period from Cold Starts Warm Starts Hot Starts Shutdowns	Maximum emissions per 12-month period: 401 tons during startup and shutdown
CT-1, CT-2 Natural gas – Simple-cycle	CO	Good combustion practices	9 ppmvd @ 15% O_2, 24-hr rolling average

CT-1, CT-2 burner tuning sessions, water injection system adjustments, and manufacturer-required FSNL tests	CO	Tuning, adjustments, and testing performed in accordance with the manufacturer's specifications or determined best practices	---
CT-1, CT-2 fuel switch	CO	Limiting the duration of fuel switches	Less than or equal to two hours (120 minutes) per fuel switch Less than or equal to four hours (240 minutes) per 24-hour period
AUX-1	CO	Good combustion practices, 10% capacity factor, combust only natural gas	---
DPH-1, DPH-2, CS Heaters-1, CS Heaters-2	CO	Good combustion practices, combust only natural gas	---
EDG-1	CO	Installation of NSPS-compliant engine, good combustion practices, and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	2.6 g/hp-hr
CS-ENG	CO	Good combustion practices and limited operating hours for testing/maintenance, combust only natural gas	4.0 g/hp-hr
DFP-1	CO	Installation of U.S. EPA Tier 2 certified engine, good combustion practices, and limited operating hours for testing/maintenance,	2.6 g/hp-hr

		combust only No. 2 Fuel Oil	
Compressor Station	CO	Good operating practices, proper flare design, flare natural gas only, and limit flaring events to once per year	---
CT-1, CT-2 Natural Gas – Normal Operation	NO_x	SCR, DLN, LNB, and good combustion practices	2.5 ppmvd @ 15% O_2, 24-hour rolling average
CT-1, CT-2 No. 2 Fuel Oil – Normal Operation	NO_x	SCR, DLN, LNB, water injection, and good combustion practices	6.0 ppmvd @ 15% O_2, 24-hour rolling average
CT-1, CT-2 Startup/Shutdown	NO_x	Adhere to optimal operational practices to minimize emissions and time in SU/SD Limiting emissions per 12-month period from Cold Starts Warm Starts Hot Starts Shutdowns	Maximum emissions per 12-month period: 98.9 tons from startup and shutdown
CT-1, CT-2 (Natural gas, simple-cycle)	NO_x	Good combustion practices	15 ppmvd @ 15% O_2, 24-hour rolling average
CT-1, CT-2 burner tuning sessions, water injection system adjustments, and manufacturer-required FSNL tests	NO_x	Tuning, adjustments, and testing performed in accordance with the manufacturer's specifications or determined best practices	---
CT-1, CT-2 fuel switch	NO_x	Limiting the duration of fuel switches	Less than or equal to two hours (120 minutes) per fuel switch Less than or equal to four hours (240

			minutes) per 24-hour period
AUX-1	NO_x	Good combustion practices, 10% capacity factor, combust only natural gas	---
DPH-1, DPH-2, CS Heaters-1, CS Heaters-2	NO_x	Good combustion practices, combust only natural gas	---
EDG-1	NO_x	Installation of U.S. EPA Tier 2 certified engine, good combustion practices and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	4.8 g/hp-hr
CS-ENG	NO_x	Good combustion practices and limited operating hours for testing/maintenance, combust only natural gas	2.0 g/hp-hr
DFP-1	NO_x	Installation of U.S. EPA Tier 2 certified engine, good combustion practices, and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	3.0 g/hp-hr
Compressor Station	NO_x	Good operating practices, proper flare design, flare natural gas only, and limit flaring events to once per year.	---
CT-1, CT-2 Natural Gas – Normal Operation	VOC	Catalytic oxidation and good combustion practices	2.2 ppmvd @ 15% O_2 (as CH_4) Demonstrated by a 3-run stack test

CT-1, CT-2 No. 2 Fuel Oil – Normal Operation	VOC	Catalytic oxidation and good combustion practices	3.2 ppmvd @ 15% O_2 (as CH_4) Demonstrated by a 3-run stack test
CT-1, CT-2 Startup/Shutdown	VOC	Adhere to optimal operational practices to minimize emissions and time in SU/SD Limiting emissions per 12-month period from Cold Starts Warm Starts Hot Starts Shutdowns	Maximum emissions per 12-month period: 12.8 tons from startup and shutdown
CT-1, CT-2 (Natural gas – Simple-cycle)	VOC	Good combustion practices	1.5 ppmvd @ 15% O_2 (as CH_4)
CT-1, CT-2 burner tuning sessions, water injection system adjustments, and manufacturer-required FSNL tests	VOC	Tuning, adjustments, and testing performed in accordance with the manufacturer's specifications or determined best practices	---
CT-1, CT-2 fuel switch	VOC	Limiting the duration of fuel switches	Less than or equal to two hours (120 minutes) per fuel switch Less than or equal to four hours (240 minutes) per 24-hour period
AUX-1	VOC	Good combustion practices, 10% capacity factor, combust only natural gas	---
DPH-1, DPH-2, CS Heaters-1, CS Heaters-2	VOC	Good combustion practices, combust only natural gas	---
EDG-1	VOC	Installation of U.S. EPA Tier 2 certified engine,	0.26 g/hp-hr

		good combustion practices and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	
CS-ENG	VOC	Good combustion practices and limited operating hours for testing/maintenance, combust only natural gas	1.0 g/hp-hr
DFP-1	VOC	Installation of U.S. EPA Tier 2 certified engine, good combustion practices, and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	1.1 g/hp-hr
Compressor Station	VOC	Flaring: Good operating practices, proper flare design, flare natural gas only, and limit flaring events to once per year Piping Leaks: Monthly Leak Detection and Repair using AVO	---
TK-1, TK-2	VOC	Submerged fill pipe, fixed roof, exterior surfaces painted white, good operating practices, and limit VOC emissions	1.56 tons VOC per 12-month rolling period calculated using U.S. EPA's TANKS software
CT-1, CT-2 Natural Gas	PM, PM_{10}, and $PM_{2.5}$	Good combustion practices, low sulfur fuels	Filterable PM: 5.9E-03 lb/MMBtu $PM_{10}/PM_{2.5}$: 8.0E-03 lb/MMBtu

			Demonstrated by a 3-run stack test
CT-1, CT-2 No. 2 Fuel Oil	PM, PM_{10}, and $PM_{2.5}$	Good combustion practices, low sulfur fuels	Filterable PM: 0.015 lb/MMBtu $PM_{10}/PM_{2.5}$: 0.028 lb/MMBtu Demonstrated by a 3-run stack test
AUX-1	PM, PM_{10}, and $PM_{2.5}$	Good combustion practices, 10% capacity factor, combust only natural gas	---
DPH-1, DPH-2, CS Heaters-1, CS Heaters-2	PM, PM_{10}, and $PM_{2.5}$	Good combustion practices, combust only natural gas	---
EDG-1	PM, PM_{10}, and $PM_{2.5}$	Installation of U.S. EPA Tier 2 certified engine, good combustion practices and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	Filterable PM: 0.15 g/hp-hr $PM_{10}/PM_{2.5}$: 0.17 g/hp-hr
CS-ENG	PM, PM_{10}, and $PM_{2.5}$	Good combustion practices and limited operating hours for testing/maintenance, combust only natural gas	---
DFP-1	PM, PM_{10}, and $PM_{2.5}$	Installation of an engine certified to the emissions standards in Table 4 of NSPS Subpart IIII, good combustion practices and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	Filterable PM: 0.15 g/hp-hr $PM_{10}/PM_{2.5}$: 0.18 g/hp-hr

CT-1, CT-2 Natural Gas	SO_2	Good combustion practices, low-sulfur fuels	0.00137 lb/MMBtu
CT-1, CT-2 No. 2 Fuel Oil	SO_2	Good combustion practices, low-sulfur fuels	0.00152 lb/MMBtu
AUX-1	SO_2	Good combustion practices, 10% capacity factor, combust only natural gas	---
DPH-1, DPH-2, CS Heaters-1, CS Heaters-2	SO_2	Good combustion practices, combust only natural gas	---
EDG-1	SO_2	Installation of U.S. EPA Tier 2 certified engine, good combustion practices and limited operating hours for testing/maintenance, combust only No. 2 fuel oil	15 ppm Sulfur in fuel
CS-ENG	SO_2	Good combustion practices and limited operating hours for testing/maintenance, combust only natural gas	---
DFP-1	SO_2	Installation of an engine certified to the emissions standards in Table 4 of NSPS Subpart IIII, Good combustion practices and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	15 ppm Sulfur in fuel
Compressor Station	SO_2	Good operating practices, proper flare design, flare natural gas only, and limit	---

		flaring events to once per year	
CT-1, CT-2 Natural Gas – Normal Operation	CO_2e	Energy efficient and inherently lower-emitting processes, combustion practices, work practices, and design	30-day rolling average limit calculated using hourly values below: >90% Load: 521,156 lb/hr 70-90% Load: 442,262 lb/hr 50-70% Load: 347,797 lb/hr 30-50% Load: 256,438 lb/hr Any Load with Duct Burner: 588,815 lb/hr And Any applicable New Source Performance Standards for limiting CO_2 emissions as codified at 40 CFR Part 60, including without limitation, as applicable, under Subpart TTTT and/or Subpart TTTTa
CT-1, CT-2 No. 2 Fuel Oil – Normal Operation	CO_2e	Energy efficient and inherently lower-emitting processes, combustion practices, work practices, and design	30-day rolling average limit calculated using hourly values below: Combined-cycle, No. 2 fuel oil: >90% Load: 733,125 lb/hr 70-90% Load: 581,592 lb/hr 50-70% Load: 455,209 lb/hr

			And Any applicable New Source Performance Standards for limiting CO_2 emissions as codified at 40 CFR Part 60, including without limitation, as applicable, under Subpart TTTT and/or Subpart TTTTa.
CT-1, CT-2 (Natural gas – Simple-cycle)	CO_2e	Energy efficient and inherently lower-emitting processes, combustion practices, work practices, and design	30-day rolling average limit calculated using hourly values below: Simple-cycle, natural gas: >90% Load: 514,814 lb/hr 70-90% Load: 437,549 lb/hr 50-70% Load: 366,261 lb/hr 30-50% Load: 313,689 lb/hr And Any applicable New Source Performance Standards for limiting CO_2 emissions as codified at 40 CFR Part 60, including without limitation, as applicable, under Subpart TTTT and/or Subpart TTTTa
CT-1, CT-2 Startup/Shutdown	CO_2e	Adhere to optimal operational practices to minimize emissions and time in SU/SD	Maximum emissions per 12-month period: 12.8 tons from startup and shutdown

		Limiting emissions per 12-month period from Cold Starts Warm Starts Hot Starts Shutdowns	
CT-1, CT-2 Burner tuning sessions, water injection system adjustments, and manufacturer-required FSNL tests	CO_2e	Tuning, adjustments, and testing performed in accordance with the manufacturer's specifications or determined best practices	---
CT-1, CT-2 Fuel switches	CO_2e	Limiting the duration of fuel switches	Less than or equal to two hours (120 minutes) per fuel switch Less than or equal to four hours (240 minutes) per 24-hour period
AUX-1	CO_2e	Good combustion practices, 10% capacity factor, combust only natural gas	---
DPH-1, DPH-2, CS Heaters-1, CS Heaters-2	CO_2e	Good combustion practices, combust only natural gas	---
EDG-1	CO_2e	Energy efficient design and work practices, combust only No. 2 Fuel Oil	163 lb/MMBtu
CS-ENG	CO_2e	Energy efficient design and work practices, combust only natural gas	120 lb/MMBtu
DFP-1	CO_2e	Installation of an engine certified to the emissions standards in Table 4 of NSPS Subpart IIII, Good combustion practices	163 lb/MMBtu

		and limited operating hours for testing/maintenance, combust only No. 2 Fuel Oil	
Circuit Breakers	CO_2e	Installation of circuit breakers certified with ANSI C37.013 standards for high voltage circuit breakers	Less than or equal to 0.5% leak rate 12-month rolling average
Compressor Station	CO_2e	Flaring: Good operating practices, proper flare design, flare natural gas only, and limit flaring events to once per year Piping Leaks: Monthly leak detection and repair using AVO	---