



PUBLIC NOTICE
Draft Air Prevention of Significant Deterioration (PSD) Construction Permit
and Notice of Public Hearing and Availability Session

Comment Period

Notice Date: September 11, 2026
End of Comment Period: October 20, 2026

Permit Applicant: Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station
Corner of Hwy 81 S and True Temper Road
Site Location: Anderson, South Carolina 29624
Anderson County

Air Permit Number: PSD-50000026 v1.0
Agency Air Number: 0200-0310

BAQ Permit Writer: David D. Nasol

Notice of Public Hearing and Availability Session:

The South Carolina Department of Environmental Services (SCDES) will hold a **public hearing on Tuesday, October 13, 2026, at 6:30 P.M.** to accept written and verbal comments on the proposed project.

Prior to the start of the hearing, **SCDES Staff from the Bureau of Air Quality will host an availability session beginning at 5:30 P.M.** to answer questions regarding the project in a one-on-one format. The availability session will conclude at 6:20 P.M., to allow time for transition to the public hearing.

The hearing and availability session will be held at:

McFalls Landing
1625 Broadway Lake Rd
Anderson, South Carolina

Pre-Registration

Anyone who plans to attend the public hearing or availability session is encouraged to complete the pre-registration form by clicking the link or using the QR code below. Pre-registration will close at 12:00pm on October 13, 2026.

<https://forms.cloud.microsoft/g/1PQ8aKHSSE>





PUBLIC NOTICE
Draft Air Prevention of Significant Deterioration (PSD) Construction Permit
and Notice of Public Hearing and Availability Session

The public hearing is formal and provides an opportunity to make oral comments that will be heard by SCDES staff and recorded by a court reporter. **There will be no questions and answers during the public hearing.** SCDES values each participant's involvement in the public hearing and will conduct it in a respectful, orderly manner with reasonable limits on the length of comments, if necessary.

Individuals with disabilities who wish to participate in the public meeting and/or hearing or review the proceedings should contact **Monica Taylor at 803-898-7678, or by email at Monica.Taylor@des.sc.gov** as soon as possible prior to the hearing to discuss any auxiliary aids or services needed.

Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station has applied to the Department for a Prevention of Significant Deterioration (PSD) air construction permit to install and operate new equipment. Duke Energy Carolinas, LLC – Anderson County Combined Cycle Station is an electric utility. This project is for the construction of two (2) combined cycle combustion turbine power trains. Ancillary equipment will include one (1) natural gas-fired auxiliary boiler, one (1) emergency diesel-fired generator, one (1) emergency diesel-fired fire water pump engine, two (2) natural gas-fired dew point heaters, two (2) ultra-low-sulfur diesel storage tanks, and an electric-driven compressor station that includes a natural gas-fired emergency generator and 24 small natural gas-fired heaters.

A Preliminary Determination, draft construction permit, and draft statement of basis have been written outlining this proposed project and applicable regulations. In addition to other state and federal air quality regulations, the draft permit is subject to review under SC Regulation 61-62.5, Standard No. 7 - Prevention of Significant Deterioration (PSD). This regulation is equivalent to Title 40 of the Code of Federal Regulations, Part 52.21 - Prevention of Significant Deterioration of Air Quality. Under these regulations, a facility must demonstrate that it will not significantly deteriorate the air quality in its region prior to constructing or modifying sources of air pollutants. The draft permit has not yet been approved and is open to comment from the public, affected states, the United States Environmental Protection Agency (EPA), the Federal Land Managers, the chief executives of Anderson County, the City of Anderson, and the Appalachian Council of Governments.

Potential emissions generated by this facility include:

- Particulate Matter (PM) - Increase of 276.59 TPY
- Particulate Matter less than 10 micrometers in diameter (PM₁₀) - Increase of 390.68 TPY
- Particulate Matter less than 2.5 micrometers in diameter (PM_{2.5}) - Increase of 390.68 TPY
- Sulfur Dioxide (SO₂) - Increase of 59.99 TPY
- Nitrogen Oxides (NO_x) - Increase of 629.84 TPY
- Carbon Monoxide (CO) - Increase of 629.22 TPY
- Lead (Pb) - Increase of 0.02 TPY
- Volatile Organic Compounds (VOCs) - Increase of 133.96 TPY
- Hazardous Air Pollutants (HAPs) - Increase of 17.55 TPY
- Carbon Dioxide Equivalent (CO₂e) - Increase of 6,014,704 TPY



PUBLIC NOTICE
Draft Air Prevention of Significant Deterioration (PSD) Construction Permit
and Notice of Public Hearing and Availability Session

Air dispersion modeling has indicated that the release of emissions from this facility will not cause or contribute to an exceedance of the National Ambient Air Quality Standards (NAAQS). The maximum degrees of Class II PSD increment consumption resulting from the proposed project are predicted to be: 43% for PM₁₀/24-hour, 89% for PM_{2.5}/24-hour, 25% for PM_{2.5}/Annual, and 32% for NO₂/Annual.

There will be no Class I Areas impacted and no degree of increment consumption resulting from this proposed project since all applicable pollutant impacts were below respective Class I Significant Impact Level (SIL) thresholds.

Interested parties may review the Preliminary Determination, draft permit, draft statement of basis, modeling summary, and permit application at the Department's Columbia Office, or on the Department's website at: <https://des.sc.gov/DukeEnergyAndersonPlantDocuments> and submit comments on the draft permit by the end of the public notice period listed above.

Comments must be received no later than the above mentioned "End of Comment Period" date and can be submitted through one of the following methods:

- Website: <https://des.sc.gov/DukeEnergyAndersonPlantComments>
- Postal mail to Bureau of Air Quality, Air Permitting Division Director, 2600 Bull Street, Columbia SC 29201
- Email at AirPNComments@des.sc.gov

Comments should specify, in as much detail as possible, the air quality related issues and identify the portion(s) of the state and/or federal air quality regulations that are of concern and have not been adequately addressed in the draft permit. All comments received by the end of the notice period (Should the comment period end on a weekend or state holiday, comments will be accepted up until close of business the next working day), will be considered when making a decision to approve, disapprove, or modify the draft permit. Please bring this notice to the attention of persons you know will be interested in this matter.

Copies of a draft permit or other related documents can be made for a fee by contacting the Freedom of Information Office (803-898-3882).