

## NOTICE OF THE OPPORTUNITY FOR PUBLIC COMMENT

### GEORGIA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION AIR PROTECTION BRANCH

STATE OF GEORGIA  
COUNTY OF MONROE  
NOTICE OF PSD PRELIMINARY DETERMINATION

To All Interested Parties:

The Georgia Environmental Protection Division (EPD) announces its intent to issue Prevention of Significant Deterioration (PSD) Permit No. 4911-207-0042-P-01-0 to Smarr Combined Cycle Energy Facility. The facility will be located at 555 Ray Hartley Road, Smarr, Georgia. The facility will be an electricity generation facility with a nominal power output of 1,425 megawatts.

The primary purpose of this permit is to allow the construction and operation of two combined cycle combustion turbines with heat recovery steam generators and duct burners, two fuel gas heaters, one fire pump engine, and two emergency generators. The combustion turbines, duct burners, and fuel gas heaters will be fired exclusively on natural gas. The fire pump engine and emergency generators will be fired on ultra-low sulfur diesel fuel. This permit amendment will be enforceable by the Georgia EPD, the U.S. Environmental Protection Agency (EPA), and other persons as otherwise authorized by law.

The draft permit, PSD Preliminary Determination, and all information used to develop the draft permit are available for review. This includes the application and all other relevant materials available to the permitting authority. This information is available for review at the office of the Air Protection Branch, 4244 International Parkway, Atlanta Tradeport - Suite 120, Atlanta, Georgia 30354. Electronic files of the application, draft PSD permit, PSD Preliminary Determination will be available through our internet site <http://epd.georgia.gov/psd112gnaa-nsrcp-permits-database>. (Please note that the Internet is generally accessible from most public libraries in Georgia.)

If copies are desired, a copying machine for public use is provided by EPD at the Atlanta Air Protection Branch office. There will be a copying charge of \$0.10 per page. Copies will be made on a first-come, first-served basis. Files are available for review and copying 8:30 a.m. to 4:00 p.m., Monday - Friday, excluding holidays.

You are hereby notified of the opportunity to submit written public comments concerning the draft PSD Permit and the Preliminary Determination concerning the facility. The Preliminary Determination is a summary of the technical review of the application and contains a copy of the Company's application along with supporting documents and the draft Permit. Persons wishing to comment on the draft PSD Permit and Preliminary Determination are invited to submit their comments, in writing, to EPD at the Atlanta address above, or via email to [air-permits.comments@dnr.ga.gov](mailto:air-permits.comments@dnr.ga.gov) (email comments must include the facility name and "Air Permit" in subject line) no later than 30 days after the date of publication in the newspaper before close of business at 4:30 p.m. All comments postmarked on or prior to that date will be considered by the Division in making its final decision on the permit.

The Division has concluded that Smarr Combined Cycle Energy Facility's application should be approved and that a permit should be granted. This conclusion is based upon evidence that the proposed project will comply with the Division's Rules and Regulations for Air Quality Control, Chapter 391-3-1; that the emissions from the source will not cause or add to a violation of any applicable National Ambient Air Quality Standard (NAAQS) or Prevention of Significant Deterioration (PSD) increment; and will comply with the Federal PSD regulations, 40 CFR 52.21, including the use of Best Available Control Technology (BACT) for regulated pollutants.

Net emission increases of sulfur dioxide (SO<sub>2</sub>), total reduced sulfur (TRS), lead (Pb), fluorides, hydrogen sulfide (H<sub>2</sub>S), and sulfuric acid mist, from the proposed project do not exceed the significant emission levels established by the PSD regulation. The net emission increases of particulate matter (PM, PM<sub>10</sub>, and PM<sub>2.5</sub>), volatile organic compounds (VOC), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), and greenhouse gases (GHG) from the proposed project exceed the significant emission levels established by the PSD regulation. The Division has determined that these emissions will not cause an adverse impact on ambient air quality, and the air quality levels should pose no significant health risk around the plant.

The PSD regulations allow specific maximum incremental increases in ambient concentrations of particulate matter (PM<sub>10</sub>), sulfur dioxide (SO<sub>2</sub>), and nitrogen oxides (NO<sub>2</sub>). The EPD has determined that the maximum predicted impacts of these pollutants due to the proposed modification will consume 18.6 percent of the annual NO<sub>2</sub> PSD increment, 16.0 percent of the annual PM<sub>10</sub> PSD increment, 68.5 percent of the 24-hour PM<sub>2.5</sub> PSD increment, and 11.7 percent of the annual PM<sub>2.5</sub> PSD increment. Thus, EPD has concluded that the facility will not adversely affect the air quality (i.e., exceed the allowable incremental increases in ambient concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>2</sub>).

With regard to the Class I Area (Cohutta Wilderness), the EPD has determined that the allowable PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>2</sub> emissions from the facility will not consume any of the PSD Class I increments. With this in mind, EPD has concluded that the facility will not adversely affect the air quality (i.e., exceed the allowable Class II and Class I incremental increase in ambient concentrations of PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>2</sub>).

Any requests for a public hearing must be made in writing within the 30-day public comment period. Such requests should specify in detail the portion of the Air Quality Control Rules which the individual believes may not have been adequately reviewed. A public hearing may be held if the Director of the EPD finds that such a hearing would assist the EPD in a proper review of the facility's capability to comply with the requirements of Federal and State Air Quality Control regulations. State laws specify that a permit shall be issued on evidence satisfactory to the Director of compliance with applicable State and Federal regulations and requirements.

Following the 30-day public comment period, as required by PSD regulations, a proposed permit, incorporating any changes that result from comments received during the public comment period, will be made available to U.S. EPA and affected states. EPA Region 4 has a 45-day period in which to review this proposed permit. Information pertaining to U.S. EPA's review period can be found on their website at <http://www.epa.gov/caa-permitting/georgia-proposed-title-v-permits>.

After the comment period has expired, the EPD will consider all comments, make any necessary changes, and issue the PSD Permit and a Final Determination. Copies of the final PSD Permit, Final Determination, comments received, EPD's responses to comments, and any other relevant

information will then be made available for public review during normal business hours at the office of the Air Protection Branch, as well as at the Internet addresses given above.

For additional information, contact Steve Allison, Program Manager, Stationary Source Permitting Program, at the Atlanta address, or by phone at 404/363-7000. Please refer to this notice when requesting information.