

NOTICE OF THE OPPORTUNITY FOR PUBLIC COMMENT  
Environmental Protection Division  
Georgia Department of Natural Resources

STATE OF GEORGIA  
COUNTY OF EFFINGHAM

To All Interested Persons and Parties:

**Effingham County Power, LLC** proposed to construct and operate a power generating plant at 3440 McCall Road, Rincon, Georgia (Effingham County). The facility will be capable of producing a nominal power output of 525 megawatts (MWs) and will be fired exclusively with natural gas. Initially, the facility will consist of two 1,734 MMBtu per hour natural gas fired *Simple-Cycle* combustion turbines, one 2.06 MMBtu per hour diesel-fired water pump, one 8.75 MMBtu per hour natural gas fired fuel preheater and ancillary equipment. The facility will be converted to a base load *Combined-Cycle* power plant by adding a heat recovery steam generator, add-on Nitrogen Oxides (NO<sub>x</sub>) pollution control equipment, one 17 MMBtu per hour natural gas fired auxiliary boiler, and one cooling tower.

EPD has considered air toxics control in its analyses of BACT and air quality.

You are hereby notified of the opportunity for written public comments concerning the application for a permit to construct and operate the facility and air pollution control equipment and the EPD's Preliminary Determination concerning the application. The Preliminary Determination is a summary of the technical review of the application and contains a copy of the Company's application, other supporting information submitted by the applicant, and the draft Air Quality Permit.

EPD has concluded that application from **Effingham County Power, LLC** should be approved and that a permit should be granted. This conclusion is based upon evidence that the proposed project, when completed in both *Single-Cycle and/or Combined-Cycle* will comply with the Division's Rules for Air Quality Control, Chapter 391-3-1; that the emissions from the facility will not cause or contribute to a violation of any applicable National Ambient Air Quality Standard (NAAQS) or Prevention of Significant Deterioration (PSD) increment, and will comply with the PSD Regulations, 40 CFR 52.21, including use of Best Available Control Technology (BACT) for regulated pollutants.

The PSD regulations allow specific maximum incremental increases in ambient concentrations of nitrogen oxides (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), and particulate matter (PM<sub>10</sub>). The EPD has determined that the maximum predicted impacts of these pollutants due to the proposed new source will consume 2.36 percent of the annual NO<sub>2</sub> PSD increment, 0.25 percent of the annual SO<sub>2</sub> increment, 0.540 percent of the 24-hour SO<sub>2</sub> increment, 0.22 percent of the 3-hour SO<sub>2</sub> increment, 0.53 percent of the annual PM<sub>10</sub> increment, and 3.4 percent of the 24-hour PM<sub>10</sub> increment. Thus EPD has concluded that the facility will not adversely affect the air quality (i.e., exceed the allowable incremental increases in ambient concentrations of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>2</sub>).

With regard to the Class I area (i.e., the Wolf Island National Wildlife Refuge), the EPD has determined that the allowable sulfur dioxide, nitrogen oxides, and particulate matter emissions from the plant will consume at the most 3.1 percent (on a 24-hour basis), respectively 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 increases in ambient concentrations of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>x</sub>).

The Preliminary Determination is available for public review during normal business hours at the following locations: (1) EPD office, 4244 International Parkway, Suite 120, Atlanta, Georgia 30354; (2) The Effingham County Courthouse, 601 N. Laurel Street, Springfield, GA 31329. Persons wishing to comment on the Preliminary Determination are invited to submit their comments in writing to the EPD at the above Atlanta address, postmarked no later than 30 days after date of publication in the newspaper. All comments postmarked on or prior to that date will be considered by the Division in making its final decision on the permit.

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 proposed 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.

After the comment period has expired, the EPD will issue a Final Determination relative to the facility's application. Copies of the Final Determination, comments received, and any other relevant information will then be made available for public review during normal business hours at the above-designated sites.