

CALIFORNIA ENERGY COMMISSION

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SACRAMENTO, CA 95814-5512
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DOCKET
09-AFC-4



DATE 08/05/09

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**NOTICE OF RECEIPT
OF AN APPLICATION FOR CERTIFICATION
CONTRA COSTA GENERATING STATION (09-AFC-04)**

On June 30, 2009, Contra Costa Generating Station, LLC submitted an Application for Certification (AFC) to construct and operate the Contra Costa Generating Station, in the City of Oakley, in Contra Costa County.

Project Location

The proposed project is located in Oakley, eastern Contra Costa County, California at 6000 Bridgehead Road. The 21.95-acre project site is zoned as heavy industrial, and is part of a larger 500-acre DuPont property. The project site is bounded to the west by the PG&E Antioch Terminal, a large natural gas transmission hub, to the north by the DuPont industrial zoned property, to the east by DuPont's titanium dioxide landfill area, and to the south by the Atchison, Topeka and Santa Fe railroad.

Project Description

The Contra Costa Generating Station (CCGS) will be a natural gas-fired, combined-cycle electrical generating facility rated at a nominal generating capacity of 624 megawatts (MW). Principal components of the project include the following:

- two General Electric (GE) Frame 7FA combustion turbine-generators (CTGs) with a nominal rating of 213 MW each, equipped with metallurgical enhancements to improve efficiency,
- a single condensing steam turbine generator (STG), heat recovery steam generators (HRSGs), producing a net 198 MW,
- an air-cooled condenser to provide process cooling.

The emission reduction system will include a selective catalytic reduction (SCR) unit to control oxides of nitrogen and an oxidation catalyst to control carbon monoxide and volatile organic compounds in the exhaust gas emissions. Particulate emissions will be controlled by the use of best combustion practices which include the use of low-sulfur natural gas as the sole fuel for the CTGs and auxiliary boiler, and high-efficiency CTG inlet air filtration.

A new 2.4-mile-long, single-circuit, 230-kV transmission line will connect the project site with the Pacific Gas and Electric Company (PG&E) Contra Costa Substation. Natural gas will be supplied by a new 140-foot long direct connection with the adjacent PG&E Antioch natural gas terminal.

The CCGS proposes to use potable water provided by the Diablo Water District for process and potable uses. Water access is proposed to be through an onsite tap from an existing 27-inch-diameter distribution pipeline that runs through the CCGS site.

Process and sanitary wastewater from the CCGS will be discharged to an existing onsite Ironhouse Sanitary District (ISD) sewer line.

Energy Commission's Facility Certification Process

The Energy Commission is responsible for reviewing and ultimately approving or denying all applications to construct and operate thermal electric power plants, 50 MW and greater, in California. The Energy Commission's facility certification process carefully examines public health and safety, environmental impacts, and engineering aspects of proposed power plants and all related facilities, such as electric transmission lines and natural gas and water pipelines. As part of our review process, the staff of the Energy Commission works closely with local, state and federal agencies to ensure that all laws, ordinances, regulations and standards are addressed in the final decision of the California Energy Commission. The issuance of a certificate by the Energy Commission is in lieu of any local, state or federal permit (to the extent permitted by federal law). The Energy Commission is the Lead Agency under the California Environmental Quality Act (CEQA), but through its certified regulatory program produces several environmental and decision documents rather than an Environmental Impact Report.

Public Participation

Over the coming months, the Energy Commission will conduct a number of public workshops and hearings to determine whether the proposed project should be approved for construction and operation and under what set of conditions. The workshops will provide the public as well as local, state and federal agencies the opportunity to participate in reviewing the proposed project. The Energy Commission will issue notices for these workshops and hearings at least ten days prior to the meeting.

Please direct your technical or project schedule questions to Joseph Douglas, Energy Commission Project Manager, at (916) 653-4677, or by email at jdouglas@energy.state.ca.us. If you desire information on participating in the Energy Commission's review of the proposed project, please contact the Energy Commission's Public Adviser's Office, at (916) 654-4701, or toll free in California at (800) 822-6228, or by email at pao@energy.state.ca.us. If you require special accommodations, please contact Lourdes Quiroz at (916) 654-5146. News media inquiries should be directed to (916) 654-4989, or by email at mediaoffice@energy.state.ca.us.

This notice of receipt has been mailed to all parties that requested placement on the mailing list during the pre-filing period and to property owners and renters located within 1000 feet of the proposed project site or 500 feet of any linear facilities. By being on the mailing list, you will receive notices of all project-related activities and notices when documents related to the proposed project's evaluation are available for review. If you want your name removed from the mailing list, please contact Maria Santourdjian, Project Secretary, at (916) 651-9410, or by email at MSergoya@energy.state.ca.us.

Availability of the AFC Document

The status of the proposed project, copies of notices, an electronic version of the AFC, and other relevant documents are also available on the Energy Commission's Internet web site at: <http://www.energy.ca.gov/sitingcases/contracostageneratingstation>. You can also subscribe to receive email notification of all notices at <http://www.energy.ca.gov/listservers>.

Availability of the AFC and Supplement

Copies of the AFC and Supplement are available at the following libraries:

Antioch Library
501 W. 18th Street
Antioch, CA

Pittsburg Library
80 Power Avenue
Pittsburg, CA

Oakley Library / Freedom High
1050 Neroly Road
Oakley, CA

Copies are also available at the Energy Commission's Library in Sacramento, the California State Library in Sacramento, and at public libraries in Eureka, San Francisco, Fresno, Los Angeles, and San Diego. In addition, copies will be distributed to those public agencies that would normally have jurisdiction except for the Energy Commission's exclusive authority to certify sites and related facilities.

Sincerely,

Date: _____

Eileen Allen, Manager
Energy Facilities Siting and Compliance Office