

CALIFORNIA ENERGY COMMISSION

1518 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



November 30, 2007

Dear Librarian:

DOCUMENT HANDLING FOR THE COLUSA GENERATING STATION (06-AFC-9)

The enclosed Final Staff Assessment (FSA) contains the California Energy Commission staff's environmental and engineering evaluation of the Colusa Generating Station project. Please make this FSA available for those who may wish to be informed about the project. We request that you not allow the FSA or any of its contents to be removed from the library. To increase accessibility of the document, we ask, if possible, that you cross reference it as a general reference work under the title and author categories, as well as under such subjects as "Energy Commission," "electricity energy/generation," "power plant siting," or any other relevant subject. Please retain the enclosed letter to the public behind the front cover of the FSA.

The Energy Commission's siting process is open to the public and incorporates the input of the public as well as local, state and federal agencies. To facilitate public participation in our review process, the Commission distributes copies of staff documents such as the FSA to public libraries in communities near the proposed project and in major cities throughout the state.

Thank you for your cooperation. If you have any questions, please contact Jack W. Caswell, Energy Commission Project Manager, at (916) 653-0062, by e-mail at: jcaswell@energy.state.ca.us or at the address on this letterhead.

Sincerely,

A handwritten signature in cursive script, appearing to read "Roger E. Johnson".

Roger E. Johnson
Siting and Compliance Office Manager

Enclosure

DOCKET 06-AFC-9
DATE NOV 30 2007
RECD. DEC 03 2007

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



November 30, 2007

TO: MEMBERS OF THE PUBLIC

PUBLIC PARTICIPATION IN THE REVIEW OF THE ENERGY COMMISSION STAFF'S COLUSA GENERATING STATION FINAL STAFF ASSESSMENT

The enclosed Final Staff Assessment (FSA) contains the California Energy Commission staff's final engineering and environmental evaluation of the Colusa Generating Station (CGS) project.

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. 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 produces several environmental and decision documents rather than an Environmental Impact Report.

On November 6, 2006, E&L Westcoast, LLC (E&LW), a subsidiary of Competitive Power Ventures Inc. (CPV), submitted an Application for Certification (AFC) to construct and operate the Colusa Generating Station (CGS) a 660-megawatt (MW) natural gas-fired combined-cycle power plant. The proposed CGS would be located in the unincorporated portion of Colusa County, approximately 6 miles northwest of the community of Maxwell, 14 miles northwest of the community of Williams and 4 miles west of Interstate 5. The site is generally bounded by the Tehama-Colusa Canal to the west, the Glenn/Colusa county line to the north. The project would be located within a 31-acre portion of a 100-acre parcel site leased from the Holthouse Ranch.

The project would be fueled by natural gas delivered to the site via a new 8-inch, 1,500-foot pipeline to be owned and operated by PG&E. This new gas line would connect to the existing PG&E gas compressor facility.

Water needs for the project would be provided by the Glenn-Colusa Irrigation District via the Tehama-Colusa Canal, which is located to the west of the project site. The proposed water would be delivered by a 2,700-foot, 4-inch pipeline. An estimated 130 acre-feet of water would be used annually. The facility would use a Zero Liquid Discharge wastewater system. E&LW is proposing use of dry cooling technology to minimize water use.

Air emissions from the proposed facility would be controlled using best available control technology applied to each engine's exhaust. Each system would consist of a selective catalytic reduction unit using aqueous ammonia for oxides of nitrogen (NOx) control and an oxidation catalyst unit for carbon monoxide (CO) and precursor organic compounds (POC) control. Final permitting by the Energy Commission would reflect conformance with rules and regulations of the Colusa County Air Pollution Control District and include the issuance of a Determination of Compliance from the District.

Transmission interconnection would require four double-circuit 230 kV lines that would connect to PG&E's existing 230 kV north-south transmission lines located approximately 1,800 feet east of the project site. Twelve new double-circuit lattice transmission towers would be installed connecting the proposed project's new switchyard to the Independent System Operator controlled grid.

The Energy Commission staff published a Preliminary Staff Assessment (PSA) on August 1, 2007 and conducted a publicly noticed workshop on the PSA on August 22, 2007. Based on the workshop, comments received on the PSA, and additional information that was gathered, Commission staff revised the PSA and issued the FSA on November 30, 2007.

The public and local, state and federal agencies are encouraged to participate. If you desire information on participating in the Energy Commission's review of the project, please contact the Energy Commission Public Adviser's Office, at: (916) 654-4489 or toll free in California, at (800) 822-6228. The Public Adviser's Office can also be contacted via email at: pao@energy.state.ca.us. Technical or project schedule questions should be directed to Mr. Jack W. Caswell, Energy Commission Project Manager, at: (916) 653-0062, by email at: jcaswell@energy.state.ca.us or at the address on this letterhead. The status of the project, copies of notices, an electronic version of the FSA, and other relevant documents are also available on the Energy Commission's Internet web site at: <http://www.energy.ca.gov/sitingcases/colusa>. News media inquiries should be directed to Assistant Director, Claudia Chandler, at (916) 654-4989, or by email at: mediaoffice@energy.state.ca.us.

Note: Please retain this letter behind the front cover of the FSA. Thank You.