

CALIFORNIA ENERGY COMMISSION

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

DOCKET	
08-AFC-4	
DATE	JUL 31 2008
RECD.	JUL 31 2008



July 31, 2008

Dear Librarian:

DOCUMENT HANDLING FOR THE ORANGE GROVE PROJECT, APPLICATION FOR CERTIFICATION (08-AFC-4)

On June 19, 2008, the California Energy Commission received an Application for Certification (AFC) from Orange Grove Energy, L.P. for the Orange Grove Project (OGP), a 96 megawatt (MW) net electric generation project. On July 9, 2008, the applicant submitted a Supplement to the AFC. At the Energy Commission's July 16, 2008 Business Meeting, the AFC was deemed complete, beginning the staff's analysis of the proposed project. The proposed OGP project would consist of natural gas fired electric generation equipment and ancillary systems including electric and gas transmission lines, water and wastewater distribution and collection systems. The OGP facility is proposed for an 8.5-acre site in unincorporated San Diego County, 5-miles east of the town of Fallbrook, California. The site is currently an abandoned orchard owned by San Diego Gas and Electric (SDGE). If approved, construction of the new power plant is expected to occur over a 6-month period with the online target date of October 2009, with an estimated project cost of \$87 million.

This power plant project is under the Energy Commission's siting authority. The power plant certification process examines engineering, environmental, public health, and safety aspects of power plant proposals and provides analyses required by the California Environmental Quality Act (CEQA). When issuing a license, the Energy Commission is the lead state agency under CEQA, and the documents it prepares are functionally equivalent to an Environmental Impact Report.

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 process, the Energy Commission has sent copies of the AFC to libraries in the project area, and to libraries in Los Angeles, Sacramento, San Francisco, San Diego, Fresno, and Eureka.

Please make the enclosed AFC available for those who may wish to be informed about the proposed project. We request that you not allow the AFC or any of its contents 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.

Thank you for your cooperation. If you have any questions, please contact Felicia Miller, Energy Commission Project Manager at (916) 654-4640, or email at: fmiller@energy.state.ca.us.

Sincerely,

Eileen Allen, Manager
Energy Facilities Siting and Compliance Office

Enclosure

CALIFORNIA ENERGY COMMISSION

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



July 31, 2008

To: MEMBERS OF THE PUBLIC

**PUBLIC PARTICIPATION IN THE REVIEW OF THE ORANGE GROVE PROJECT
APPLICATION FOR CERTIFICATION (08-AFC-4)**

On June 19, 2008, the California Energy Commission received an Application for Certification (AFC) from Orange Grove Energy, L.P. for the Orange Grove Project (OGP), a proposed 96 megawatt (MW) electrical generation peaking facility. On July 9, 2008, a Supplement to the AFC was received and evaluated by staff. Subsequently, at the Energy Commission's July 16, 2008 Business Meeting the AFC was deemed complete, beginning staff's analysis of the proposed project. The proposed OGP project would consist of natural gas fired electric generation equipment and ancillary systems including electric and gas transmission lines, water and wastewater distribution and collection systems.

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 process, the Energy Commission has sent copies of the AFC along with the AFC Supplement to libraries in the project area, and to libraries in Los Angeles, Sacramento, San Francisco, San Diego, Fresno, and Eureka.

Project Description

The OGP facility is proposed for an 8.5-acre abandoned orchard site located in unincorporated San Diego County, east of the town of Fallbrook, California. If approved, construction of the new power plant is expected to occur over a 6-month period with the online target date of October 2009, with an estimated project cost of \$87 million.

The OGP project would have a nominal electrical output of 96 megawatts (MW) generated from two General Electric (GE) LM600 PC SPRINT combustion turbine generators (CTGs), fueled by natural gas, to be operated as simple cycle units. The electrical output of the generators would be interconnected to the existing San Diego Gas and Electric (SDGE) Pala Substation, also located on the project site, via an approximately 0.3 mile underground connection. The project would provide power to the grid at 69 kilovolts (kV). The OGP would use natural gas that would be delivered via a new, 2.4 mile-long underground lateral pipeline connecting to an SDGE gas transmission line. The project would use both tertiary treated wastewater (12.1 acre-feet per year) and freshwater (21.1 acre-feet per year) trucked to the project facilities from the Fallbrook Public Utility District. Sanitary wastewater will be processed through an onsite septic system. The plant's process wastewater will be recycled onsite using a reverse osmosis water treatment system, with the project designed for a zero-liquid discharge of process water.

Energy Commission's Facility Certification Process

The Energy Commission is responsible for reviewing and ultimately approving or denying applications for all thermal electric power plants, 50 MW and greater, proposed for construction 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 Energy Commission is the lead agency under the California Environmental Quality Act (CEQA), but it produces several environmental and decision documents rather than an Environmental Impact Report.

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.

Public Participation

Over the coming months, the Energy Commission will conduct a number of public workshops and hearings on the proposal to determine whether the proposed project should be approved for construction and operation and under what set of conditions. These workshops will provide the public as well as local, state and federal agencies the opportunity to ask questions about, and provide input on, the proposed project. The Energy Commission will issue notices for these workshops and hearings at least 10 days prior to the meeting. If you are not currently receiving these notices and want to be placed on the mailing list, please contact April Albright, Project Secretary at (916) 653-1640, or by e-mail at aesau@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) 654-4489 or toll free in California, at (800) 822-6228. Technical or project schedule questions should be directed to Felicia Miller, Energy Commission Project Manager, at (916) 654-4640, or by email at fmiller@energy.state.ca.us. The status of the proposed project, copies of notices, and other relevant documents are also available on the Energy Commission's Internet web site at <http://www.energy.ca.gov/sitingcases/orangegrovepeaker>.

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