

## CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET  
SACRAMENTO, CA 95814-5512

March 2, 2006

Dear Librarian:

**DOCUMENT HANDLING FOR THE VERNON POWER PLANT PROJECT  
APPLICATION FOR CERTIFICATION (06-AFC-1)**

On March 2, 2006, the City of Vernon filed the enclosed Application for Certification (AFC) seeking approval from the Energy Commission to construct and operate a proposed 610 megawatt combined-cycle Vernon Power Plant (VPP) project.

The 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 similar to those required by the California Environmental Quality Act (CEQA). When issuing a license, the Energy Commission is the lead state agency under CEQA, and its process is functionally equivalent to the preparation of 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 review process, the Energy Commission has sent copies of the AFC to libraries in the project area, and to libraries in Los Angeles, San Francisco, San Diego, Fresno, and Eureka.

Please make the enclosed AFC available for those who may wish to be informed about the 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 James W. Reede, Jr., Siting Project Manager, at (916) 653-1245 or by email at [jreede@energy.state.ca.us](mailto:jreede@energy.state.ca.us).

<b>DOCKET</b>	
<b>06-AFC-1</b>	
DATE	MAR 2 2006
RECD	MAR 3 2006

Sincerely,

Roger E. Johnson, Manager  
Energy Facility Siting and Compliance Office

Enclosure

30403

March 2, 2006

To: MEMBERS OF THE PUBLIC

**PUBLIC PARTICIPATION IN THE REVIEW OF THE VERNON POWER PLANT PROJECT  
APPLICATION FOR CERTIFICATION (06-AFC-1)**

On March 2, 2006, the City of Vernon filed the enclosed Application for Certification (AFC) seeking approval from the Energy Commission to construct and operate a proposed combined-cycle Vernon Power Plant (VPP) project.

The VPP will be located at 5001 Soto Street, in the City of Vernon, Los Angeles County, California on land between Seville Avenue and Soto Street and south of East 50<sup>th</sup> Street. The site is immediately south of the City of Vernon's existing Malburg Generating Station power plant. The VPP site is located in an industrial zone in the City of Vernon. The project site is a 5.8-acre vacant parcel owned by the City of Vernon.

The proposed generating facility will be a 610-megawatt (MW) net, combined-cycle generating facility. It will consist of two natural gas-fired Siemens combustion turbine generators (SGT6-5000F) and one steam turbine generator. Exhaust from each of the HRSGs will be discharged from two 180-foot-tall, 20-foot-diameter exhaust stacks. The City intends to take about 15 to 25 percent of the VPP's capacity as a resource for its municipal utility customers; the remainder will be available for serving the energy needs of southern California.

The VPP will use up to 4,048 acre feet per year of recycled water for cooling tower make-up and other uses. The recycled water will be provided by the Central Basin Municipal Water District through a new 2,000-foot-long recycled water pipeline extension in 50<sup>th</sup> Street to the existing mainline in Boyle Avenue. The cooling tower water will be returned to the Sanitation Districts of Los Angeles County (LACSD) via a reconstructed 12-inch city sanitary sewer line that would either be 1.25 mile (Alternative A) or 1 mile (Alternative B) in length.

Potable water for drinking, safety showers, fire protection, service water, and sanitary uses will be served from the City's potable water system in both Seville Avenue and Soto Street. Sanitary wastewater disposal will also be returned to LACSD via the City's sanitary sewer system.

The VPP will connect to the electrical transmission system via a new single-circuit 230-kilovolt (kV) line that would loop from the plant's switchyard to Los Angeles Department of Water and Power's existing transmission lines that run down a corridor parallel to and between Alcoa Avenue and S. Downey Road. Total distance for this connection is about 4,500 feet. The VPP may alternatively connect to Southern California Edison's Laguna Bell Substation. Total distance for this alternative connection is approximately 5 miles.

Natural gas for the facility will be delivered via approximately one mile of new 20-inch pipeline that will connect to Southern California Gas Company's existing gas transmission line located on S. Downey Road.

Assuming the VPP receives a license from the Energy Commission by October 2006, it is expected that construction of the VPP will start by the fourth quarter of 2006, and full-scale commercial operation is scheduled to begin by the third quarter of 2008.

### **Energy Commission's Facility Certification Process**

The Energy Commission is responsible for reviewing and ultimately approving or denying 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 pipelines. The Energy Commission's responsibilities are similar to those of a lead agency under the California Environmental Quality Act (CEQA), except that the Energy Commission's analysis includes several environmental and decision documents rather than an Environmental Impact Report.

### **Public Participation**

Over the next 6 to 12 months, the Energy Commission will conduct a number of public workshops and hearings on the proposal to determine whether the project should be approved for construction and operation and under what set of conditions. These workshops and hearings 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 10-14 days prior to the meeting. If you are not currently receiving these notices and want to be placed on the mailing list, please contact Angela Hockaday, Project Secretary, at (916) 654-3925 or email to [ahockada@energy.state.ca.us](mailto:ahockada@energy.state.ca.us).

If you desire information on participating in the Energy Commission's review of the project, please contact Ms. Margret Kim, the Energy Commission's Public Adviser, at (916) 654-4489 or toll free in California, at (800) 822-6228. Technical or project schedule questions should be directed to James W. Reede, Jr., Energy Commission Project Manager, at (916) 653-1245 or [jreede@energy.state.ca.us](mailto:jreede@energy.state.ca.us). The status of the project, the AFC, 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/index.html>. News media inquiries should be directed to Assistant Executive Director, Claudia Chandler, at (916) 654-4989.

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