

CALIFORNIA ENERGY COMMISSION

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



June 6, 2008

DOCKET 08-AFC-3	
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Dear Librarian:

DOCUMENT HANDLING FOR THE MARSH LANDING GENERATING STATION, APPLICATION FOR CERTIFICATION (08-AFC-3)

On May 31, 2008, the California Energy Commission received an Application for Certification (AFC) from Mirant Marsh Landing, LLC (Mirant) for the Marsh Landing Generating Station (MLGS). The proposed MLGS project would consist of four natural gas fired electric generation units and ancillary systems including electric and gas transmission lines; water and wastewater pipelines; and a water treatment facility at Delta Diablo Sanitation District's Bridgehead Lift Station. The MLGS facility is proposed for a 27-acre site in Contra Costa County, north of the City of Antioch and currently occupied by five fuel storage tanks within Mirant's existing Contra Costa Power Plant site. If approved, construction of the new power plant is expected to occur over a 33-month period (October 2009 through June 2012), and is expected to cost approximately \$800 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 Mike Monasmi, Energy Commission Project Manager, at (916) 654-4894, or email him at: mmonasmi@energy.state.ca.us.

Sincerely,

Eileen Allen
for Eileen Allen, Manager

Energy Facilities Siting and Compliance Office

Enclosure

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
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June 6, 2008

To: MEMBERS OF THE PUBLIC

PUBLIC PARTICIPATION IN THE REVIEW OF THE MARSH LANDING GENERATING STATION, APPLICATION FOR CERTIFICATION (08-AFC-3)

On May 31, 2008, the California Energy Commission received an Application for Certification (AFC) from Mirant Marsh Landing, LLC (Mirant) for the Marsh Landing Generating Station (MLGS). The proposed MLGS project would consist of four natural gas fired electric generation units and ancillary systems including electric and gas transmission lines; water and wastewater pipelines; and a water treatment facility at the Delta Diablo Sanitation District (DDSD) Bridgehead Lift Station (BLS).

Project Description

The MLGS facility is proposed for a 27-acre site in Contra Costa County, California, north of the City of Antioch and currently occupied by five fuel storage tanks within Mirant's existing Contra Costa Power Plant site. If approved, construction of the new power plant is expected to occur over a 33-month period (October 2009 through June 2012), and is expected to cost approximately \$800 million.

The MLGS project would have a nominal electrical output of 930 megawatts (MW) generated from four power blocks: two Siemens Flex Plant 10 (FP10) combined-cycle units; and two Siemens 500F combustion turbine units operating in simple-cycle mode. The generated output would be stepped-up to 230-kV transmission voltage and interconnected to the existing Pacific Gas & Electric Company (PG&E) switchyard located adjacent to the MLGS site. The MLGS would use natural gas that would be delivered via a new pipeline that connects to PG&E's interstate gas transmission Line 400, which runs along the eastern boundary of the Gateway Generating Station (GGS), immediately east of the PG&E switchyard. The MLGS FP10 units would use air-cooled heat exchanger technology to reduce consumptive water use. New water treatment facilities will be constructed at Mirant's expense by DDSD at their 3.4-acre BLS site and owned and operated by DDSD. Approximately 736 acre feet per year of recycled water from the BLS site will be delivered to the MLGS site, and associated wastewater returned, via new 1-mile-long water lines.

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

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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. The first step in the review process is for Energy Commission staff to determine whether or not the AFC contains all the information required by our regulations. When the AFC is deemed data adequate, we will begin the data discovery and issue analysis phases. At that time, a detailed examination of the issues will occur.

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 Esau, 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 Bill Pfanner, Energy Commission Project Manager, at (916) 654-4206, or by email at bpfanner@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/beacon>.

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