

**CALIFORNIA ENERGY COMMISSION**1516 NINTH STREET  
SACRAMENTO, CA 95814-5512  
www.energy.ca.gov**DOCKET****08-AFC-3C**DATE MAR 05 2012RECD. MAR 05 2012

**NOTICE OF RECEIPT  
PETITION TO AMEND  
THE ENERGY COMMISSION DECISION for the  
MARSH LANDING GENERATING STATION PROJECT (08-AFC-3C)**

On February 03, 2012, GenOn Marsh Landing, LLC, filed a petition with the California Energy Commission requesting to modify the Marsh Landing Generating Station Project. The 760-megawatt project was certified by the Energy Commission on August 25, 2010, is currently under construction, and is 14 percent complete. The facility is just north of the City of Antioch, in Contra Costa County.

**DESCRIPTION OF PROPOSED MODIFICATION**

The modifications proposed in the petition would allow for refinements to: the fuel preheater system; water supply and treatment processes; the interconnection at the PG&E switchyard; the ammonia system; the main access road alignment; and the tempering air fans. Specifically, the following changes will be made:

- Two 8 million British thermal units per hour (MMbtu/hr) natural gas fired fuel preheaters will replace the two 5 MMBtu/hr preheaters that were approved;
- The water treatment at the plant will include a single-pass reverse osmosis system and will be moved into a new 7,922 square foot building. The total height of that building will be 18 feet;
- Increase the raw water storage tank from 300,000 gallons to 600,000 gallons;
- Remove the planned 300,000-gallon service water storage tank;
- Remove the planned 200,000-gallon secondary evaporative cooler blend water storage tank;
- Add a 170,000 reverse osmosis permeate storage tank;
- Reduce the size of the planned wastewater storage tank from 500,000 gallons to 200,000 gallons;
- Total water storage on site will be reduced from 1.3 million gallons provided by 4 tanks, to 0.97 million gallons provided by three tanks;
- The 15-inch sewer line along Wilber Avenue will be extended along the railroad tracks near the main entrance to the Marsh Landing Project, for a maximum length of approximately 2,200 feet;
- The construction warehouse is now proposed to be a permanent structure rather than temporary, as approved in the decision;

- The arrangements of the interconnection at the switch yard would be modified to accommodate changes being made by PG&E. Pole locations would change, but pole heights will remain the same. A switch yard building is also being proposed as well;
- The ammonia system is proposed to have a single wall piping instead of double wall piping, for the section of piping between the storage tank and the ammonia injection skids. A slightly modified above-ground containment area and underground sump are proposed. The drain will be slightly smaller at 38 inches in diameter. The truck unloading area will have a slightly modified above-ground containment area and the drain will be slightly larger at 30 inches in diameter;
- The main access road alignment has been moved slightly south to avoid the covered parking, and the covered parking is now proposed to remain on site; and
- The tempering air fans will no longer be inside a building and will have silencer housing on the inlet ducts. Each unit will have two 2,000-horsepower (HP) single speed fans. Both fans will be on the west side of each unit, as shown on the updated plot plan.

### **ENERGY COMMISSION AMENDMENT REVIEW PROCEDURES**

The purpose of the Energy Commission's review process is to assess the impacts of this proposal on environmental quality, public health and safety. The review process includes an evaluation of the consistency of the proposed changes with the Energy Commission's Decision and if the project, as modified, will remain in compliance with applicable laws, ordinances, regulations, and standards (Title 20, Calif. Code of Regulations, section 1769). Energy Commission staff is currently analyzing the request and will publish an analysis in the near future. A public hearing for the purpose of approving or denying the amendment proposal will be held at a regularly scheduled Energy Commission business meeting.

This Notice of Receipt is being mailed to interested parties and property owners adjacent to the project site who may want to participate in the amendment process.

The petition is available on the Energy Commission's website at <http://www.energy.ca.gov/sitingcases/marshlanding/compliance/index.html>.

The staff analysis, when published, will also be posted on the website. If you would like to receive a hard copy of the petition and/or staff's analysis, please complete the enclosed Information Request Form and return it to the address shown.

If you have any comments or questions, please contact Christine Stora, Compliance Project Manager, at (916) 654-4745, or by fax to (916) 654-3882, or via e-mail at: [cstora@energy.state.ca.us](mailto:cstora@energy.state.ca.us).

Notice of Receipt  
Marsh Landing Generating Station Project (08-AFC-3C)  
Page 3

For further information on how to participate in this proceeding, please contact the Energy Commission Public Adviser's Office, at (916) 654-4489, or toll free in California at (800) 822-6228, or by e-mail at [publicadviser@energy.state.ca.us](mailto:publicadviser@energy.state.ca.us). News media inquiries should be directed to the Energy Commission Media Office at (916) 654-4989, or by e-mail at [mediaoffice@energy.state.ca.us](mailto:mediaoffice@energy.state.ca.us).

Date: \_\_\_\_\_

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**CHRISTOPHER J. MARXEN**, Manager  
Compliance Office  
Siting, Transmission & Environmental Protection  
Division

Enclosure: Information Request Form

Mail List # 7299

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**INFORMATION REQUEST FORM**

**COMPLETE & MAIL TO:** CALIFORNIA ENERGY COMMISSION  
COMPLIANCE UNIT  
ATTN: CHRISTINE STORA  
1516 NINTH STREET, MS-2000  
SACRAMENTO, CA 95814

**OR FAX TO:** (916) 654-3882

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NAME AND/OR TITLE (AS IT IS TO APPEAR ON MAIL LABEL)

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ORGANIZATION (IF APPLICABLE)

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STREET ADDRESS OR P.O. BOX

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CITY

STATE

ZIP CODE

**PROPOSED AMENDMENT TO THE COMMISSION DECISION TO:**

**PLEASE CHECK THE DOCUMENTS YOU WOULD LIKE TO RECEIVE:**

**PETITION TO AMEND**

**STAFF ANALYSIS**

**COMMISSION ORDER**

**PROJECT: MARSH LANDING GENERATING STATION DESIGN REFINEMENTS**

**DOCKET NO: 08-AFC-3C**

**MAIL LIST NO: 7299**

**PLEASE REMOVE MY NAME FROM THE (NAME OF PROJECT) PROJECT MAILING LIST**