

DOCKETED

Docket Number:	08-AFC-03C
Project Title:	Marsh Landing Generating Station Compliance
TN #:	237418
Document Title:	Notice of Receipt Petition for Post Certification Project Change
Description:	N/A
Filer:	Marichka Haws
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	4/12/2021 11:11:26 AM
Docketed Date:	4/12/2021



NOTICE OF RECEIPT

PETITION FOR POST CERTIFICATION PROJECT CHANGE MARSH LANDING GENERATING STATION (08-AFC-03C)

On March 5, 2021, NRG Marsh Landing (MLGS), LLC, (project owner), docketed a petition for post certification change (TN# 237000-1-3) with the California Energy Commission (CEC) requesting changes to a previously approved battery storage system (BESS) described in the Petition to Amend for Black Start Capability Enhancement (TN 223052) approved by the CEC on March 12, 2019.

MLGS is a simple-cycle, natural gas-fired, 760-megawatt (MW) facility, located in the city of Antioch, California. The project was certified by the CEC on August 25, 2010 and began commercial operation on May 1, 2013.

SUMMARY OF PROPOSED CHANGE

The project owner is seeking approval to modify the previously approved BESS proposal by modifying its design, technology, and battery chemistry. The modified BESS would use a lithium ferrous phosphate (LFP) battery chemistry for improved reliability and capacity requirements.

The currently proposed modified BESS would have an additional output of 11.5 MW and 10.5 megawatt hours (MWh). This is an increase from the originally proposed battery capacity of 7 MW and 3.6 MWh, which was later revised to 7 MW and 5.48 MWh.

The BESS and associated equipment are designed to start the gas turbines and to restart the power plant in the event of a grid blackout to support the California Independent System Operator's directed restoration of the electrical grid in response to an emergency condition (also known as "black start" capability).

The BESS black start service will:

- maintain frequency and voltage through the system restoration process;
- provide reactive power capability;
- safely shutdown Units 3 and 4 in a grid emergency load rejection event;
- run back to full-speed no-load (FSNL) from full or part load;
- carry units down to High Speed Turning Gear for immediate restart; and
- start Unit 3 and/or Unit 4 to restore power to MLGS in island mode.

According to the project owner, the project changes do not materially change the environmental consequences of the MLGS, and all impacts associated with the installation of the modified BESS for black start capability, as well as the operating and testing scenarios associated with black start capability, are expected to remain less than significant. For additional information, the CEC's webpage for this facility, <https://ww2.energy.ca.gov/sitingcases/marshlanding/>, has a link to the petition (TN# 237000) accessible through the webpage in the box labeled "Compliance Proceeding." Click on the "Documents for this Proceeding (Docket Log)" option.

CEC REVIEW PROCEDURES

The purpose of the CEC's review process is to assess the impacts of this proposal on environmental quality and on public health and safety. The review process also includes an evaluation of the consistency of the proposed changes with the CEC's Final Decision (as amended) for the MLGS and a determination on whether the facility, as modified, would remain in compliance with applicable laws, ordinances, regulations and standards (Cal. Code Regs., tit. 20, § 1769). After staff has completed its independent review and analysis of this petition, it will publish its assessment for public review and comment. Upon completion of its review, staff will provide written notice of its intent to either process the proposed changes as a Staff Approved Project Change or schedule it for consideration by the CEC at a regularly scheduled Business Meeting.

This Notice of Receipt is being mailed to the CEC's facility mail list of interested agencies, the public and property owners that requested placement on the mailing list, list serve and to property owners located within 1000 feet of the facility site. The listserv is an automated CEC system by which information about this facility is emailed to parties who have subscribed. To subscribe, go to the CEC's webpage for this facility, cited above, scroll down the right side of the project's webpage to the box labeled "Subscribe," and provide the requested contact information.

Written comments: Written comments are requested to be submitted to the Docket Unit by **5:00 p.m. on May 14, 2021**. Include the docket numbers 08-AFC-03C and MLGS in the subject line and send to docket@energy.ca.gov.

Written and oral comments, attachments, and associated contact information (e.g. address, phone number, email address) become part of the viewable public record. This information may also become available via any Internet search engine.

The CEC encourages use of its electronic commenting system. Visit the project webpage following the links below:

MLGS: <https://ww2.energy.ca.gov/sitingcases/marshlanding/>

Provide an electronic comment using the "Submit e-comment" link. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the "Comment Text" box or attached in a downloadable, searchable Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) file. Maximum file size is 10 MB.

Written comments may be mailed to:

California Energy Commission
Docket Unit, MS-4
Docket No. 08-AFC-03C
1516 Ninth Street
Sacramento, CA 95814-5512

All comments and materials filed with the Docket Unit will be added to the facility docket log and become publicly accessible on the CEC's webpage for the facility.

For additional information, visit the CEC's webpage for this [facility](#), <https://ww2.energy.ca.gov/sitingcases/marshlanding/>, has a link to MLGS PTA (TN# 237000) accessible through the webpage in the box labeled "[Compliance Proceeding](#)." Click on the "Documents for this Proceeding (Docket Log)" option.

If you have questions about this notice, please contact John Heiser, Compliance Project Manager, at (916) 628-5566, or by fax to (916) 654-3882, or via e-mail at John.Heiser@energy.ca.gov.

For information on participating in the CEC's review of the MLGS BESS petition, please contact the CEC's Public Advisor's Office at (916) 654-4489, (800) 822-6228 (toll-free in California), or via email at publicadvisor@energy.ca.gov.

Direct news media inquiries to (916) 654-4989, or via e-mail to mediaoffice@energy.ca.gov.

Date: April 12, 2021

Signed By: _____

Elizabeth Huber
Office Manager
Compliance Monitoring & Enforcement Office
Siting, Transmission & Environmental Protection Division

Mail List 7299
Marsh Landing List-Serve