

DOCKETED

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| Project Title: | Los Esteros Phase II Compliance |
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| Document Title: | Notice of Receipt Petition to Amend the California Energy Commission Decision for the Los Esteros Critical Energy Facility |
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CALIFORNIA ENERGY COMMISSION

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**NOTICE OF RECEIPT
PETITION TO AMEND
THE CALIFORNIA ENERGY COMMISSION DECISION FOR THE
LOS ESTEROS CRITICAL ENERGY FACILITY (03-AFC-02C)**

On September 19, 2017, Los Esteros Critical Energy Facility, LLC, a subsidiary of Calpine Corporation (Petitioner), docketed a Petition to Amend (PTA) the Final Decision for the Los Esteros Critical Energy Facility Phase 2 (LECEF) (03-AFC-02C). Staff processing of the PTA began with receipt of the filing fee on October 2, 2017. The proposal is to modify the facility by installing up to 6 megawatts (MW) of vanadium flow batteries, with up to 18 megawatt hours (MWh) of energy storage, and/or an additional 6 MW of lithium-ion batteries, with up to 6 MWh of energy storage capability.

DESCRIPTION OF PROPOSED MODIFICATION

LECEF Phase 2 was licensed as a 320-MW combined-cycle natural gas-fired power plant and is located on 15 acres of a 55-acre tract in north San Jose at 1515 Elviso-Milpitas Road, within Santa Clara County. The site is bounded by State Route 237 on the south side, Zanker Road on the west, and Coyote Creek on the east.

The amendment proposed by this petition would modify the existing license by adding up to 6 MW of battery storage, either vanadium flow batteries or Lithium-Ion batteries. The amendment includes the following components:

- Installation of up to 6-MW vanadium flow batteries, with up to 18 MWh of energy storage capability and/or an additional installation of up to 6-MW lithium-ion (Li-ion) batteries, with up to 6 MWh of energy storage capability. The system layout will be approximately 167 ft. wide x 112 ft. length and approximately 20 ft. in height. The energy storage system will be built on a concrete foundation and secondary containment will be provided.
- An interconnection of the battery to the existing 4160V auxiliary bus through which energy will flow to and from the grid using existing electrical infrastructure.
- Installation of a new and separate revenue meter for monitoring flow battery activity

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 and on public health and safety. The review process includes an evaluation of the consistency of the proposed changes with the Energy Commission's Decision and a determination whether the facility, as modified, would remain in compliance with applicable laws, ordinances, regulations, and standards (20 Cal. Code of Regs., § 1769). After the 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 schedule the amendment for consideration by the Energy Commission at a regularly scheduled Business Meeting. The LECEF Commission Decision and the amendment petition are available on the Energy Commission's Los Esteros Energy Project webpage at <http://www.energy.ca.gov/sitingcases/losesteros2/index.html>. The Staff Analysis, when completed, will also be posted on the facility webpage.

This Notice of Receipt is being provided to interested parties and property owners adjacent to the facility site. This notice is being mailed to the LECEF mail list and sent electronically to the LECEF list serve. The list serve is an automated email system by which information can be distributed to all parties who have subscribed. You can subscribe from the LECEF webpage at <http://www.energy.ca.gov/sitingcases/losesteros2/index.html>

Public Comment: Any person may comment on the petition. Those who wish to comment can use the Energy Commission's e-Commenting feature as follows: Go to the Energy Commission's LECEF webpage and click on the "Submit e-Comment" link. In the form, provide the required information—your full name, email address, the comment title, and either a comment or an attached document. The comment title should be "[Your Name]'s Comments re LECEF Petition." Type your comments into the "Comment Text" field, or upload and attach a document with your comments. The maximum upload file size is 10MB, and only .doc, .docx, or .pdf attachments will be accepted. Enter the phrase that is used to prevent spamming. Then click on the "Agree and Submit your Comments" button to submit your comments to the Energy Commission Dockets Unit for review. When your comments are approved and docketed, you will receive an email with a link to them on the facility webpage.

Written comments may also be mailed or hand-delivered to:

California Energy Commission
Dockets Unit, MS-4
Docket No. 03-AFC-02C
1516 Ninth Street
Sacramento, CA 95814-5512

All filed comments and materials accepted by the Dockets Unit will be added to the facility docket log and become publically accessible on the Energy Commission's webpage for the facility.

Contact: If you have questions about this notice, please contact John Heiser, Project Manager, at (916) 653-8236, or via e-mail at John.Heiser@energy.ca.gov.

Public Participation: The Energy Commission's Public Adviser's Office is available to provide the public with an understanding of Energy Commission proceedings and to make recommendations for meaningful participation. For assistance, contact Alana Mathews, Public Adviser, at (916) 654-4489, or toll free in California at (800) 822-6228, or by email at publicadviser@energy.ca.gov.

News media inquiries should be directed to the Energy Commission Media Office at (916) 654-4989, or by e-mail at mediaoffice@energy.ca.gov.

Date: 10/27/2017


CHRIS DAVIS, Siting Office Manager

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Los Esteros Listserve