

DOCKETED

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Project Title:	Los Esteros Phase II Compliance
TN #:	261728
Document Title:	Los Esteros Critical Energy Facility (03-AFC-02C) Petition for Modification Tanager Battery Energy Storage System Project
Description:	Summary of Post Certification Petition
Filer:	susan fleming
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SUMMARY OF POST CERTIFICATION PETITION PETITION FOR POST CERTIFICATION CHANGE LOS ESTEROS CRITICAL ENERGY FACILITY (03-AFC-02C)

On January 24, 2025, the Calpine Corporation (Calpine) filed a Post-Certification Petition for Changes in Project Design, Operation or Performance and Amendments to the Commission Decision (Petition) (TN# 261280) with the California Energy Commission (CEC) at the Los Esteros Critical Energy Facility (LECEF) pursuant to California Code of Regulations, title 20, section 1769.

The LECEF, a 320-megawatt (MW) combined-cycle, natural gas facility with heat recovery steam generator, was certified in 2002 and recertified by the CEC in March 2005 and began commercial operation in March 2003. The facility is located at 800 Thomas Foon Chew Way, northern San Jose, Santa Clara County.

SUMMARY OF PROPOSED CHANGES

The project owner seeks approval to modify the LECEF Decision and develop a 200 MW with approximately 1,600 mega-watt hours, lithium-ion phosphate (LFP) battery energy storage system (BESS) on approximately 10 acres. The LFP batteries will be placed in containers approximately 25-feet in height, placed on either a concrete foundation and/or elevated from grade on pile foundations. The Tanager BESS project will be located on the former laydown and parking area of the LECEF facility, which is currently disturbed and covered by fill and gravel. A preliminary site plan for the Tanager BESS project is provided as Appendix B to this Petition.

The Tanager BESS project would be co-located on the same parcel as LECEF. LECEF and Tanager BESS have separate metering equipment and different California Independent System Operator ("CAISO") Resource ID Numbers. The Tanager BESS would interconnect to the CAISO controlled grid at the Pacific Gas and Electric Company ("PG&E") 230-kV bus located at the LECEF substation. The Tanager BESS project would require a new 230-kV generation tie line interconnection that would be approximately 0.5 miles long and would require a new 230-kV switchyard and generator step-up transformer.

For additional information, the [CEC's project webpage](https://www.energy.ca.gov/powerplant/combined-cycle/los-esteros-critical-energy-facility), <https://www.energy.ca.gov/powerplant/combined-cycle/los-esteros-critical-energy-facility>, has a link to the petition accessible through the webpage. Locate the box labeled "Compliance Proceeding" and select the "Docket Log" option.

REVIEW PROCESS

This petition is reviewed pursuant to California Code of Regulations, title 20, section 1769. The review process includes an evaluation of the effect the change could have on the environment; the project's compliance with applicable laws, ordinances, regulations, or standards; and whether a change to, or deletion of any condition of certification adopted by the CEC in the final decision or subsequent amendments is required.

After staff has completed its independent review and analysis of this petition, the assessment will be published for public review and comment. Included in the staff analysis, will be written notice of staff's 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.

PUBLIC PARTICIPATION

This summary of the post certification petition is being mailed to the following persons on the CEC's mailing list for the project: interested agencies, members of the public, property owners who requested placement on the mailing list, and property owners within 500 feet of linear features (for example, pipeline) and within 1,000 feet of the facility. The notice is also being sent electronically using the Los Esteros electronic subscription service. The electronic subscription service 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 project webpage](#), cited above, scroll down the right side of the project webpage to the box labeled "Subscribe," and provide the requested contact information.

Any person may comment on the petition or the staff analysis when publicly available. The CEC encourages use of its electronic commenting system. To use the CEC's electronic commenting feature, go to the [CEC's project webpage](#), cited above, click on the "[Submit e-Comment](#)" link, and follow the instructions in the online form. Be sure to include the facility name in your comments.

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

Written comments may also be mailed to:

California Energy Commission
Docket Unit, MS-4
Docket No. 03-AFC-02C
715 P Street
Sacramento, CA 95814

If you have questions about this notice, please contact Compliance Project Manager John Heiser, Compliance Monitoring and Enforcement Unit, Safety and Reliability Branch, at (916) 628-5566 or via e-mail at john.Heiser@energy.ca.gov.

For information on public participation, please contact the CEC's Office of Public Advisor, Energy Equity, and Tribal Affairs at (916) 957-7910 or email at publicadvisor@energy.ca.gov.

News media inquiries should be directed to the CEC's Media Office at (916) 654-4989, or by email to mediaoffice@energy.ca.gov.

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