

DOCKETED

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Project Title:	El Segundo Power Redevelopment Project Compliance
TN #:	207235
Document Title:	Notice of Receipt for Petition to Amend: Installation of Steam Turbine Weatherization Canopies
Description:	N/A
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CALIFORNIA ENERGY COMMISSION

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**NOTICE OF RECEIPT
PETITION TO AMEND
THE CALIFORNIA ENERGY COMMISSION DECISION FOR THE
EL SEGUNDO ENERGY CENTER (00-AFC-14C)**

The El Segundo Energy Center (ESEC) is located at the southernmost city limit of the city of El Segundo on the coast of the Pacific Ocean, between Dockweiler State Beach and the city of Manhattan Beach, in Los Angeles County. On December 23, 2015, El Segundo Energy Center LLC (ESEC LLC) submitted a petition to amend the 2013 California Energy Commission (Energy Commission) Final Decision. ESEC LLC is proposing to replace the thermal insulation on the Unit 6 and Unit 8 steam turbine generators (STG) and install STG weatherization enclosures over each unit to prevent exposure of ancillary operational equipment and sensor systems to rain and the corrosive marine environment.

DESCRIPTION OF NEED FOR PROPOSED MODIFICATION

The ESEC consists of two natural gas fired combined-cycle power blocks (Units 5/6 and Units 7/8). Each power block contains a gas turbine generator, a single-pressure heat recovery steam generator, and a STG. The Unit 6 and 8 STGs were designed and installed with a spray-on external thermal insulation and hard shell (plaster-like) coating that encapsulated numerous valves, electric heating mats, and various sensors. The insulation and coating were designed to help maintain consistent temperature across the STG rotor and to prevent weather exposure. In 2014, premature failure of the STG electric heater mats caused an outage. Mat replacement permanently damaged the thermal insulation and coating, and prolonged reinstallation and curing times were predicted. To avoid prolonging the outage, ESEC, in consultation with the STG manufacturer, reinstalled the heater mats directly on the STG casing; covering them with removable insulation pads instead. While removable insulation pads are a preferable operation and maintenance method, the heater mats and pads are not recommended for outdoor use. Due to recent heavy rains, the STG transmitter connections and controls (i.e., speed probes) are subject to exposure and potential failure. The proposed steel framed, canopy type weatherization enclosures would be mounted over each STG, and coupled with the insulation pad replacements, are necessary to provide weather protection for the STG sensors and valves.

ENERGY COMMISSION AMENDMENT REVIEW PROCEDURES

The Energy Commission's webpage for this facility, <http://www.energy.ca.gov/sitingcases/elsegundo/>, has a link to the amendment petition on the right side of the webpage in the box labeled "Compliance Proceeding." Click on the "Documents for this Proceeding (Docket Log)" option.

Energy Commission staff is currently reviewing the petition. 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 on whether the facility, as modified, would remain in compliance with applicable laws, ordinances, regulations, and standards (Cal. Code of Regs., tit. 20, §1769). Upon completion of its review, the staff will provide written notice of its intent to either process the proposed changes as a Staff Approved Project Modification or schedule it for consideration by the Energy Commission at a regularly scheduled Business Meeting.

This Notice of Receipt has been mailed to the Energy Commission's facility mail list of interested parties and property owners adjacent to the facility site. It has also been e-mailed to the facility listserv. The listserv is an automated Energy Commission e-mail system by which information about this facility is e-mailed to parties who have subscribed. To subscribe, go to the Energy Commission'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.

Any person may comment on the petition. To use the Energy Commission's electronic commenting feature, go to the Energy Commission's webpage for this facility, cited above, click on the "Submit e-Comment" link, and follow the instructions in the on-line form. Be sure to include the facility name in your comments. Once submitted, the Energy Commission Dockets Unit reviews and approves your comments, and you will receive an e-mail with a link to them.

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

California Energy Commission
Dockets Unit, MS-4
Docket No. 00-AFC-14C
1516 Ninth Street
Sacramento, CA 95814-5512

All comments and materials filed with and approved by the Dockets Unit will be added to the facility Docket Log and become publicly accessible on the Energy Commission's webpage for the facility.

If you have questions about the project, review process or schedule, please contact Camille Remy Obad, Compliance Project Manager, at (916) 654-3940 or Camille.Remy-Obad@energy.ca.gov.

For information on participating in the Energy Commission's review of the petition, call the Public Adviser at (800) 822-6228 (toll-free in California) or send your e-mail to publicadviser@energy.ca.gov. News media inquiries should be directed to the Energy Commission Media Office at (916) 654-4989, or by e-mail to mediaoffice@energy.ca.gov.

Date: January 8, 2016

Original signed by Christine Root _____
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