

DOCKETED

Docket Number:	08-AFC-09C
Project Title:	Palmdale Hybrid Power Project - Compliance
TN #:	205640
Document Title:	Notice of Receipt for Palmdale Petition for Technology Change
Description:	Notice of Receipt (NOR) for Palmdale Hybrid Power Project (PHPP) PTA for Technology Change and Name Change
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	8/5/2015 3:33:21 PM
Docketed Date:	8/5/2015

CALIFORNIA ENERGY COMMISSION

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NOTICE OF RECEIPT
PETITION TO AMEND
the CALIFORNIA ENERGY COMMISSION DECISION for the
PALMDALE HYBRID POWER PROJECT (08-AFC-9C)

On April 30, 2015, the project owner, Palmdale Energy, LLC filed a Petition to Amend (PTA) with the California Energy Commission (Energy Commission), which was later determined to be incomplete due to missing technical sections. The owner submitted a revised comprehensive petition on July 17, 2015, requesting to modify the Palmdale Hybrid Power Project (PHPP). The petition further requests that the name of the project be changed from Palmdale Hybrid Power Project (PHPP) to the Palmdale Energy Project (PEP). The Palmdale Hybrid Power Project (PHPP) was licensed on August 10, 2011, as a nominal 570 MW hybrid facility utilizing combined-cycle and solar trough technologies located in the city of Palmdale, CA; however, the facility has not been constructed.

DESCRIPTION OF PROPOSED MODIFICATIONS

The modifications proposed in the revised petition would significantly reduce the size of the project footprint, eliminating 283 acres of solar troughs creating a new site totaling 50 acres. The PEP is proposing to use an air cooled condenser (ACC) instead of a wet cooling tower, newer fast start "flexible" technology Siemens gas turbines, and is proposing to remove the brine concentrator/crystalizer systems. The project also includes multiple other minor revisions including reducing the size of the construction laydown/parking area from 50 acres to 20 acres, a general re-orientation of the site, alterations to the points of access to the site, minor alterations to some of the linears in the immediate vicinity of the project site, and changes in the water steam cycle chemistry control system.

If the PTA is approved, Palmdale Energy, LLC proposes to develop the PEP over the course of a 25-month construction schedule. The construction sequence is anticipated to generally follow the typical phases employed, including site preparation, construction of foundations, major equipment installation, balance of plant installation (systems and smaller components), and testing and commissioning. At the completion of the project, a total of approximately 645 MW (nominal) of electricity will be available.

The project proposed under the PTA, wholly contained on the 50 acre site, includes the following major components: two combustion turbine generators, each with a heat recovery steam generator; one steam turbine generator; one air cooled condenser; a 230 kV switchyard; an operations building that incorporates control, maintenance, and administrative functions; and a gas metering station.

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 on whether the facility, as modified, would remain in compliance with applicable laws, ordinances, regulations, and standards (Title 20, California Code of Regulations, section 1769). Energy Commission staff are currently analyzing the PTA and will publish a Preliminary Staff Assessment (PSA) for public review and comment and then a Final Staff Assessment (FSA) over the course of the next several months. The FSA will be used as staff's testimony at evidentiary hearings held by the assigned Committee. When combined with other submitted testimony and analyses, the FSA will help provide the evidentiary basis for the Presiding Member's Proposed Decision (PMPD). The PMPD will be published and available for review and comment before the full, five-member Commission makes a final decision on whether or not to approve the PTA-requested modifications to the Energy Commission Decision.

The PTA is available on the Energy Commission's webpage for this facility at <http://www.energy.ca.gov/sitingcases/palmdale/>. The staff analyses, when published, will also be posted on this webpage. All filings, notices, announcements and analyses will be posted on the PHPP webpage at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=08-AFC-09C>. This Notice of Receipt (NOR) is being sent electronically to the PHPP list serve; an e-mail alert system whereby all PHPP material and information filed with the Commission is electronically noticed to all PHPP listserve subscribers. The NOR is also being mailed to interested parties and property owners near the proposed site and linear facilities.

If you have any questions, please call Eric Veerkamp, Compliance Project Manager, at (916) 654-4611, or fax your questions to (916) 654-3882, or e-mail them to eric.veerkamp@energy.ca.gov.

Any person may file written comments on the petition with the Energy Commission's Dockets Unit. All written comments and all materials filed with the Dockets Unit will become part of the public record of the proceeding and will be posted to the facility website.

Written comments can also be submitted by going to the PHPP webpage at <http://www.energy.ca.gov/sitingcases/palmdale/> and clicking the "Submit e-comment" link. Please provide your full name and email address, and reference "PHPP Petition to Amend" Docket No. (08-AFC-9C). All written comments and materials filed with the Dockets Unit will become a part of the public record for this amendment proceeding, and will be posted on the project website above. If you wish to mail written comments on the project, please submit them to the Energy Commission Dockets Unit address below. Those submitting comments electronically should provide them as either a Microsoft Word document (.doc or .docx) or in Portable Document Format (.pdf) and include your name or your organization's name in the file name. Please e-mail electronic written comments to docket@energy.ca.gov and include the docket number

08-AFC-9C (Palmdale Hybrid Power Project) in the subject line of your e-mail. Those submitting non-electronic written comments should include the docket number 08-AFC-9C in the first paragraph and mail or hand-deliver the comments to:

California Energy Commission
Dockets Unit, MS-4
Docket No. 08-AFC-9C
1516 Ninth Street
Sacramento, CA 95814-5512

For further information on how to participate in this proceeding, please contact the Energy Commission Public Adviser's Office at (916) 654-4489, or at (800) 822-6228 (toll free in California), or by e-mail 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: August 6, 2015

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Siting, Transmission & Environmental Protection Division

Mail List # 7318c,
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