

DOCKETED

Docket Number:	08-AFC-09C
Project Title:	Palmdale Energy Project (Formerly Palmdale Hybrid Power Plant) - Compliance
TN #:	210985
Document Title:	Notice of Public Workshop for the Preliminary Staff Assessment
Description:	This document supersedes TN 210978
Filer:	Cathy Hickman
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Submitter Role:	Commission Staff
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Docketed Date:	4/8/2016

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: www.energy.ca.gov



**Notice of Public Workshop for the
PALMDALE ENERGY PROJECT
PETITION TO AMEND – PRELIMINARY STAFF ASSESSMENT
(08-AFC-09C)**

The California Energy Commission staff will conduct a workshop to discuss its Preliminary Staff Assessment (PSA) of the Palmdale Energy Project (PEP) (formerly the Palmdale Hybrid Power Project). All interested parties, agencies and members of the public are invited to participate in the workshop, which will be held:

**April 20, 2016
Starting at 1:00 pm**

**CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
Charles Imbrecht Room (Hearing Room B)
Sacramento, California**

Wheelchair Accessible

Remote Access Available by Phone via WebEx™

1. Please go to <https://energy.webex.com> and enter the unique meeting number: **921 978 395**
2. This meeting does not require a password.

Purpose

The workshop will provide an opportunity for the project owner, interested agencies, and the public to make comments and work with staff to resolve issues related to the PEP. Based upon information the staff receives at the workshop and written comments provided by the close of the 30-day comment period on the PSA, the staff will prepare and publish its Final Staff Assessment (FSA). The PSA was docketed on March 23, 2016. The PSA is available on the Energy Commission web page at <http://www.energy.ca.gov/sitingcases/palmdale/index.html>

Summary of the Petition to Amend

The proposed PEP consists of a 699.4 (net) megawatts two-on-one natural gas-fired combined cycle generating station. Primary modifications include the following:

- Replacement of the General Electric gas turbines with new Siemens SGT6-5000Fs to meet pending need for “Flexible Resources” to support integration of renewable energy;
- A new steam turbine;
- A new auxiliary boiler;
- Elimination of the solar components of the approved project;
- Elimination of brine concentrator/crystallizer systems;
- Replacement of the wet cooling towers with an Air Cooled Condenser;
- Reduction of the site from 333 acres to 50 acres;
- Reduction of the construction laydown and parking area from 50 acres to 20 acres;
- Reorientation of the power block with the Heat Recovery Steam Generator stacks now on the east and the combustion turbine inlets to the west;
- Relocation of the site access road approximately 900 feet further east on East Avenue M to the western edge of the site property line;
- Relocation of the point where the 230 kV transmission line turns south to the generating facility from East Avenue M to a point approximately 1,800 feet further west on East Avenue M;
- Addition of three 230 kV transmission line towers along the south side of East Avenue M north of the project site and extension of the generation tie-line westerly approximately 1,800 feet along the south side of East Avenue M;
- Addition of waste stream consisting of combustion turbine inlet evaporative cooler blow down, water treatment system reject, and plant drains;
- Reduction in the length of the Approved Project sewer pipeline which will now interconnect with an existing city of Palmdale sewer pipeline along the south side of East Avenue M;
- Change in the water steam cycle chemistry control system from a phosphate based system to an all volatile system; and
- Possible change from a CO₂ based fire suppression system for some components to an FM200 based system.

The summary table below illustrates staff’s preliminary assessment of the petition to amend. These preliminary conclusions are subject to change in the FSA depending upon additional information and comments received.

Technical Area	Complies with LORS	Impacts Mitigated	Additional Information Required
Air Quality/Greenhouse Gases	Unknown	Unknown	Undetermined
Biological Resources	Yes	Yes	No
Cultural Resources	Unknown	Unknown	Yes
Efficiency	Yes	Yes	No
Facility Design	Yes	Yes	No
Geological and Paleontological Resources	Yes	Yes	No
Hazardous Materials	Yes	Yes	No
Land Use	Yes	Yes	No
Noise and Vibration	Yes	Yes	No
Public Health	Yes	Yes	No
Reliability	Yes	Yes	No
Socioeconomics	Yes	Yes	No
Soil and Water Resources	Unknown	Unknown	Yes
Traffic and Transportation	Yes	Yes	No
Transmission Line Safety and Nuisance	Yes	Yes	No
Transmission System Engineering	Yes	Yes	No
Visual Resources	Yes	Yes	No
Waste Management	Yes	Yes	No
Worker Safety and Fire Protection	Yes	Yes	No
Alternatives	NA	NA	No

Public Comment

Pursuant to the PSA Notice of Availability published on March 23, 2016, the public comment period for this PSA will continue for 30-days until 5:00 p.m. on April 22, 2016.

Oral Comments. Staff will accept oral comments during the workshop. Comments may be limited to 5 minutes per speaker. All comments will be considered by staff.

Written Comments. Written comments to be addressed at the workshop should be submitted to the Dockets Unit by 5:00 p.m. on April 18, 2016. Written comments will be also accepted at the workshop; however, the staff may not have time to review them before the conclusion of the meeting.

Written comments may be submitted via the Energy Commission's e-Commenting system at:

<https://efiling.energy.ca.gov/EComment/ECommentSelectProceeding.aspx> and selecting 08-AFC-9C Palmdale Energy Project – Compliance.

Please note that your written and oral comments, attachments, and associated contact information (e.g. your address, phone, email, etc.) become part of the viewable public

record. This information may become available via Google, Yahoo, and any other search engines.

The Energy Commission also accepts comments by e-mail. Please include your name and any organization name. Comments should be in a downloadable, searchable format such as Microsoft® Word (.doc) or Adobe® Acrobat® (.pdf). Please include the docket number 08-AFC-9C and indicate the workshop title in the subject line. Send comments to docket@energy.ca.gov, or if you prefer, you may send a paper copy of your comments to:

California Energy Commission
Dockets Office, MS-4
Re: Palmdale Energy Project, Docket No. 08-AFC-09C
1516 Ninth Street
Sacramento, CA 95814-5512

Public Adviser and Other Commission Contacts

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission proceedings. If you want information on how to participate in this forum, please contact the Public Adviser, Alana Mathews at (800) 822-6228 (toll-free in California), (916) 654-4489, or via e-mail at publicadviser@energy.ca.gov.

If you have a disability and require assistance to participate, please contact Lou Quiroz at lquiroz@energy.ca.gov or (916) 654-5146 at least five days in advance.

Technical questions concerning the project should be addressed to Eric Veerkamp, Compliance Project Manager, at (916) 654-4295 or e-mail eric.veerkamp@energy.ca.gov.

Media inquiries should be sent to the Media and Public Communications Office at mediaoffice@energy.ca.gov or (916) 654-4989.

Availability of Documents

Information regarding the status of the project, as well as notices and other relevant documents pertaining to this proceeding, may be viewed on the Energy Commission's Internet web page at <http://www.energy.ca.gov/sitingcases/palmdale/>.

Remote Attendance

You may participate in this meeting through WebEx, the Energy Commission's online meeting service. Presentations will appear on your computer screen, and you may listen to audio via your computer or telephone. Please be aware that the meeting will be recorded.

To join a meeting:

VIA COMPUTER:

1. Please go to <https://energy.webex.com> and enter the unique meeting number:
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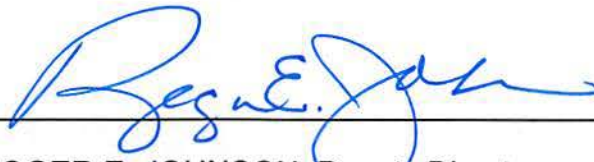
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TELEPHONE ONLY (NO COMPUTER ACCESS):

Call 1-866-469-3239 (toll-free in the U.S. and Canada) and when prompted enter the unique meeting number: **921 978 395**.

If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239.

Date: April 8, 2016



ROGER E. JOHNSON, Deputy Director
Siting, Transmission, & Environmental Protection Division

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ListServ: Palmdale Energy Project

**ENERGY COMMISSION PUBLIC WORKSHOP
PALMDALE ENERGY PROJECT PETITION TO AMEND
PRELIMINARY STAFF ASSESSMENT (08-AFC-09C)**

**April 20, 2016
Starting at 1:00 pm**

**CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
Charles Imbrecht Room (Hearing Room B)
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**PALMDALE ENERGY PROJECT (08-AFC-09C)
PETITION TO AMEND - PRELIMINARY STAFF ASSESSMENT WORKSHOP**

April 20, 2016, starting at 1:00 pm

Webex: <https://energy.webex.com>: Meeting No. 921 978 395

MEETING AGENDA

I. INTRODUCTION

- Workshop Purpose & Format (Eric Veerkamp, Energy Commission)
- CEC Staff, Palmdale Energy Team, Agencies, and other participants

II. WORKSHOP TOPICS (in order of discussion)

1. Cultural Resources
2. Soil and Water Resources
3. Traffic & Transportation
4. Air Quality
5. Worker Safety/Fire Protection
6. Hazardous Materials
7. Other technical areas may be discussed including Alternatives, Efficiency, Biological Resources, Facility Design, Geological and Paleontological Resources, Land Use, Noise, Public Health, Reliability, Socioeconomics, Transmission Line Safety and Nuisance, Transmission System Engineering, Visual Resources, Waste Management, and Compliance.