

DOCKETED

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CALIFORNIA ENERGY COMMISSION1516 Ninth Street
Sacramento, California 95814Main website: www.energy.ca.gov

Notice of Staff Workshop for the Alamitos Energy Center (13-AFC-01)

The California Energy Commission staff will conduct a Data Response and Issues Resolution Workshop for the proposed Alamitos Energy Center (AEC) on Thursday, December 17, 2015. All interested agencies and members of the public are invited to participate. The informal workshop will be held following the previously-noticed Alamitos Energy Center Committee Status Conference, scheduled to begin at 1PM in the Art Rosenfeld Hearing Room at the Energy Commission's Sacramento Offices. Remote access to the Workshop will be made available through the same WebEx conference call number as that used for the Committee Conference.

THURSDAY afternoon*
December 17, 2015

*The workshop will follow the Alamitos Energy Center Committee Status Conference
(see Committee Status Conference Notice below)

http://docketpublic.energy.ca.gov/PublicDocuments/13-AFC-01/TN206527_20151106T095845_Notice_of_Committee_Status_Conference.pdf

**California Energy Commission
Art Rosenfeld Hearing Room
1516 9th Street
Sacramento, CA 95814**

WebEx Call-in toll-free number: **1-866-469-3239**
(Meeting Number: **922 621 247**)
(Meeting Password: **pwd@1516**)

(Please see attached instructions for WebEx access)

PURPOSE

The purpose of the workshop is to allow staff, the applicant, intervenors, interested agencies, and the public to discuss revisions to the Alamitos Energy Center project described in the October 26, 2015 Supplemental Application of Certification (SAFC). Staff filed Data Requests on November 30, 2015 seeking greater clarification on several SAFC technical issues, including those related to:

- Air Quality
- Cultural Resources
- Hazardous Materials Management
- Noise and Vibration
- Traffic and Transportation
-

- Transmission System Engineering
- Worker Safety/Fire Protection
- Other technical discipline discussions may also occur

NOTE: The discussion order of the above topics is *tentative*, and could change based on staff availability and/or the completeness of Data Responses submitted by the Applicant prior to the Workshop

BACKGROUND

On October 26, 2015, AES Southland Development, LLC (AES) submitted the SAFC to the California Energy Commission (Energy Commission) to address significant revisions to the design for modernizing the existing Alamitos Generating Station (AGS). The SAFC replaces the original Application for Certification (AFC) submitted to modernize the AGS that was filed on December 27, 2013. The Alamitos Energy Center (AEC) as proposed by the SAFC would be located on approximately 21 acres of the 71 acre brownfield AGS site in the coastal Los Angeles County in the city of Long Beach, California. The proposed project site is bounded to the north by State Route 22; to the east by the San Gabriel River; to the south by 2nd Street; and to the west by N. Studebaker Road. The existing AGS Units 1–6 are currently in operation, capable of generating a net capacity of 1,950 megawatts (MWs) of electricity¹.

AES intends to demolish AGS Units 1-6. However, unlike the initial AFC modernization filed on December 27, 2013, the company will not include demolition of Units 1-6 as part of the proposed SAFC project. Instead, AES plans to accomplish the demolition of AGS operating Units 1-6 under a separate CEQA proceeding through a Memorandum of Understanding (MOU) with the city of Long Beach. Demolition of retired AGS Unit 7 and power plant construction activities specified in the October 26, 2015 SAFC are anticipated to last 56 months, commencing in the first quarter of 2017, and ending in the third quarter of 2021. The Energy Commission staff has begun its discovery and analysis of the SAFC, and will use information obtained from the workshop discussions in the preparation of its Preliminary Staff Assessment (PSA)².

PROJECT DESCRIPTION

The revised proposed AEC power plant would be comprised of two power blocks. Power Block 1 would include two General Electric (GE) 7F.05 Heavy-Duty natural gas-fired, combined-cycle combustion turbines (CTGs), two unfired heat recovery steam generators (HRSGs), one steam turbine generator (STG), an air-cooled condenser, an auxiliary boiler, and related ancillary services³ to produce a nominal electrical output of 640 MWs. Power Block 2 would be comprised of 4 GE LMS100 simple-cycle, natural gas-fired, fin-fan cooled CTGs with a nominal electrical output of 400 MWs. As currently proposed, the AEC project would use 130 acre-feet/year (one acre foot equals 325,853 gallons) of potable water provided by the Long Beach Water Department (LBWD) for power plant construction, operation, fire protection and sanitary needs. The SAFC will reuse, to the extent feasible, existing infrastructure including the existing Southern California Edison (SCE) switchyard and

¹ Depending upon the source, one megawatt is enough energy to power 750 average California homes.

² The PSA contains staff's DRAFT determination of the project's impacts to the environment, human health and safety, and the state's electrical reliability and system integrity. It also contains staff's determinations of the project's conformance with local, state and federal Laws, Ordinances, Regulations and Standards (:LORS). If project impacts are found to be significant, or if there is LORS non-compliance, DRAFT Conditions of Certification measures will be included in the PSA for consideration and discussion.

³ Ancillary services (including spinning, non-spinning, voltage control and black start capability) ensure reliability and support the transmission of energy from generation sites to customer loads.

transmission facilities; connections to the Southern California Gas Company (SoCalGas) natural gas pipeline system; and the administration, maintenance, and certain warehouse buildings.

PARTICIPATION

Please direct your technical or project schedule questions to Christopher Meyer, Energy Commission Project Manager, at (916) 654-4640, or by e-mail at christopher.meyer@energy.ca.gov. If you desire information on participating in the Energy Commission's review of the project, please contact Elena Mathews, the Energy Commission's Public Adviser, at (916) 654-4489 or toll free in California, at (800) 822-6228. The Public Adviser's Office can also be contacted via email at publicadviser@energy.state.ca.us. The status of the proposed project, copies of notices, an electronic version of the Supplemental AFC, and other relevant documents can be reviewed on the Energy Commission's web site: <http://www.energy.ca.gov/sitingcases/alamitos>. You can also subscribe to receive e-mail notification of all proceeding notices and announcements at: <http://www.energy.ca.gov/listservers>.

Written comments should be submitted by 4:00 p.m. on December 15, 2015. If you wish to provide comments on the SAFC or data responses, please submit comments to the Energy Commission using the e-commenting feature by going to the 13-AFC-01 webpage at <http://www.energy.ca.gov/sitingcases/alamitos/index.html> and click on the "Submit eComment" link. A full name, e-mail address, comment title, and either a comment or an attached document (.doc, .docx, or .pdf format) is mandatory. After a challenge-response test used by the system to ensure that responses are generated by a human user and not a computer, click on the "Agree & Submit Your Comment" button to submit the comment to the commission Dockets Unit.

Please note that written comments, attachments, and associated contact information included within the written comments and attachments, (e.g., your address, phone, email, etc.) will become part of the viewable public record. You are encouraged to use the electronic filing system, or submit your comments by mail to:

**Docket Unit
California Energy Commission
Docket No. 13-AFC-01
1516 9th Street, MS-4
Sacramento, CA 95814**

Or e-mailing them to: DOCKET@energy.ca.gov

Date: _____

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

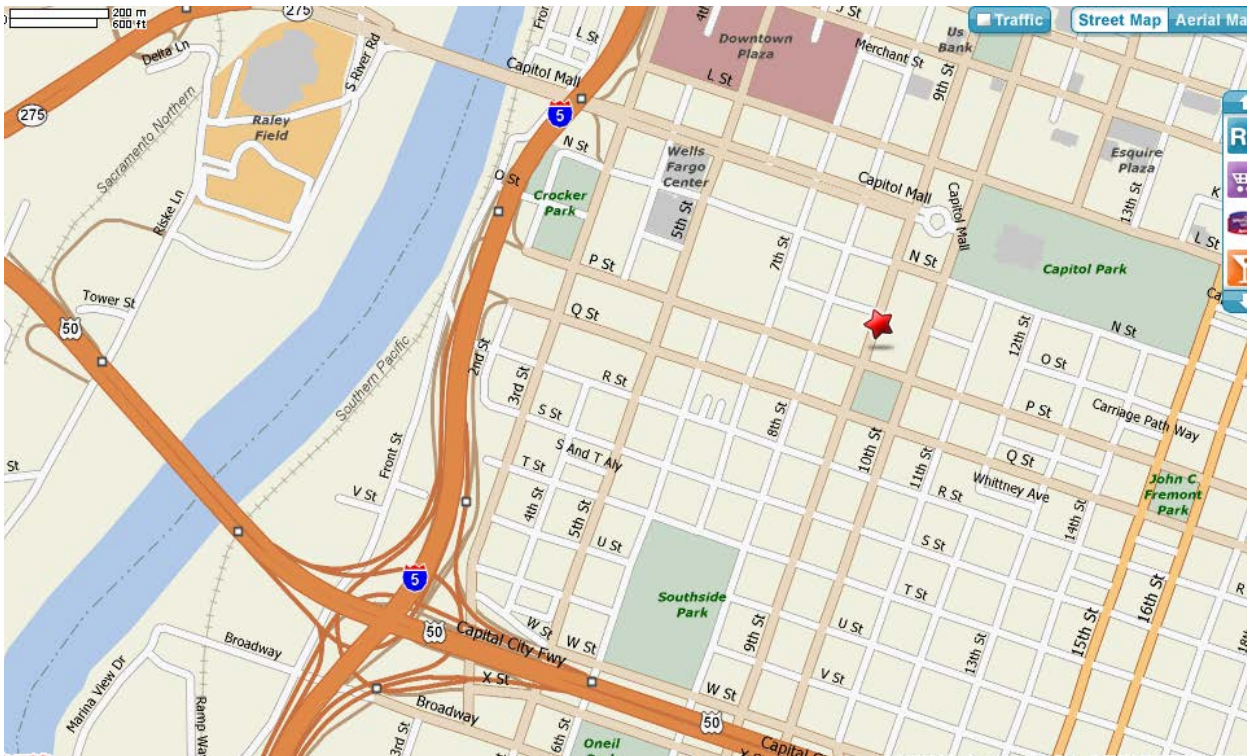
cc: Docket (13-AFC-01)
Proof of Service List
Mailing Lists #7503, #7504

Staff Data Response and Issues Resolution Workshop
THURSDAY, December 17, 2015
Immediately following conclusion of Committee Status Conference

California Energy Commission
Art Rosenfield Hearing Room
1516 9th Street
Sacramento, CA 95814-5512

WebEx Call-in toll-free number: **1-866-469-3239**
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PARTICIPATION IN THE
**Alamitos Energy Center Data Response and Issues Resolution
Staff Workshop on December 17, 2015
THROUGH WEBEX**

1. COMPUTER LOG-ON WITH A DIRECT PHONE NUMBER:

- Please go to <https://energy.webex.com> and enter **922 621 247**
- When prompted, enter your information and **pwd@1516**

After you login, a prompt will appear on-screen for you to provide **your** phone number. In the **Number box**, type your area code and phone number and click OK.

You will receive a call back on your phone for the audio portion of the meeting.

2. COMPUTER LOG-ON FOR CALLERS WITH AN EXTENSION PHONE NUMBER, ETC:

- Please go to <https://energy.webex.com> and enter **922 621 247** and **pwd@1516**
- After you login, a prompt will ask for your phone number. Click **“CANCEL.”**
- Instead call **1-866-469-3239**. When prompted, enter **922 621 247** and your unique Attendee ID number which is listed in the top left area of your computer screen after you login.

3. TELEPHONE ONLY (NO COMPUTER ACCESS):

- Call **1-866-469-3239** and when prompted enter **922 621 247**

If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239. To see if your computer is compatible, visit [<http://support.webex.com/support/systemrequirements.html>]. Please be aware that the meeting's WebEx audio and on-screen activity may be recorded.

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