

DOCKETED

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Project Title:	Carlsbad Energy Center - Compliance
TN #:	202717
Document Title:	Solicitation For Agency Participation in the Review of Amendment Requests to the Licensed Carlsbad Energy Center Project
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Filer:	April Dearbaugh
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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DECLARATION OF SERVICE

I, April Dearbaugh, declare that on July 17, 2014, I served and filed copies of the Solicitation for Agency Participation in the Review of Amendment Requests to the Licensed Carlsbad Energy Center Project dated July 17, 2014. The most recent Agency List is attached to this Declaration.

(Check one)

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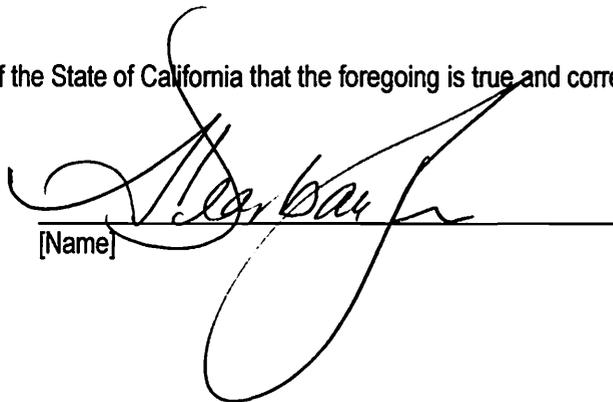
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I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am over the age of 18 years.

Dated: 7/17/14



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07-17-14*

CALIFORNIA ENERGY COMMISSION

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July 17, 2014

TO: AGENCY DISTRIBUTION LIST

SOLICITATION FOR AGENCY PARTICIPATION IN THE REVIEW OF AMENDMENT REQUESTS TO THE LICENSED CARLSBAD ENERGY CENTER PROJECT

On April 29 and May 2, 2014, Carlsbad Energy Center, LLC (the petitioner), an indirect wholly owned subsidiary of NRG Energy, Inc., submitted two petitions to amend the May 31, 2012 Energy Commission Decision approving the Carlsbad Energy Center Project (CECP). The Licensed CECP and the modification requests sought through the amendment petitions are described below. Both the Licensed (23-acre footprint) and the Amended CECP (30-acre footprint) would be located on the northeastern portion of the Encina Power Station (EPS) site, north of Canon Road, east of the AT&SF/North County Transit District Rail Corridor, west of Interstate-5 and south of the Agua Hedionda Lagoon, in the city of Carlsbad in San Diego County.

Background

As licensed by the Energy Commission, the 540-megawatt (MW) CECP project is a natural gas-fired, combined-cycle power facility comprising two power blocks. Each power block would consist of one, rapid-response combustion turbine generator (CTG), one heat-recovery steam generator (HRSG), one condensing steam turbine generator (STG), an air-cooled, fin-fan heat exchange condenser, and associated support equipment and linear features. The Energy Commission has exclusive jurisdiction to license this project and is considering the amendment petitions under Title 20, California Code of Regulations, section 1769. During the amendment review period, Energy Commission staff will analyze the requested modifications to the Licensed CECP, and testify whether these changes would comply with applicable laws, ordinances, regulations and standards related to public health and safety, environmental impacts, and engineering requirements. Staff's testimony will be considered along with that of other parties, public agencies and public comments by a Committee of two Commissioners assigned to this proceeding on June 18, 2014. Based on the Committee's recommendation, the full five-member Commission will ultimately determine if the Amended CECP meets all required and applicable standards, and if the Amended CECP should receive permission for construction and operation.

Proposed Project Changes

The petitioner first seeks to change the Licensed CECP's generation equipment from two, combined-cycle power blocks, to six, simple-cycle turbines. This electrical generation change will allow for a more flexible facility that can reach full output capacity in a timelier manner, enabling for increased integration of renewable energy sources that are intermittent in nature. Local generation reliability will also increase, as will regional transmission system integrity. As noted earlier, the Amended CECP footprint will increase by seven acres (30 acres total), covering the entire existing EPS eastern tank farm (comprising above-ground oil storage tanks 4, 5, 6 & 7). Tank 4 accounts for the additional acreage, which will house new simple-cycle units 6 and 7 (output will be stepped up to a

138kV transmission line, with units 8, 9, 10 and 11 stepped up to a 280kV transmission line). Transmission components and alignments will not be modified from the licensed CECP. Components that petitioner does seek to modify include the preferential use of Title 22 reclaimed water which will now be available from the Encina Wastewater Authority (EWA). The reclaimed water would be delivered via a new, 3,600 foot-long pipeline connecting the EWA reclaimed water to the Amended CECP. Lastly, all necessary components, including the operations center, warehouse, and small desalination facility, will now all be constructed east of the railroad tracks on the larger 30-acre Amended CECP parcel.

Following commercial operation of the Amended CECP generation facility (expected to occur in late 2017 following construction and commissioning activities), the Petitioner seeks permission to commence demolition activities of the existing EPS facilities west of the railroad tracks, beginning with the 12 story EPS building and its 400-foot exhaust stack. Demolition and any associated remediation activities would be followed by title transfer from the petitioner to the city of Carlsbad for joint, non-power site redevelopment. Upon completion of demolition activities, specific redevelopment of the acreage west of the railroad tracks will occur under the authority of other jurisdictional bodies. Ultimately, redevelopment will promote economic development while enhancing open space along Agua Hedionda Lagoon and increasing access to the beach in a manner consistent with Carlsbad's beach community character.

Agency Participation

Enclosed is a copy (CD) of the Petition to Amend (PTA) and the Petition to Remove Obsolete Facilities (PTR) in electronic format. The PTA and PTR include all requested project modifications. We ask that you review the sections of interest to your agency and determine whether any proposed modifications to the licensed CECP present major issues or concerns to your agency. Additional information can be found on by going to the Energy Commission webpage <http://www.energy.ca.gov/sitingcases/Carlsbad>.

We ask that you provide any initial written comments on issues or concerns by **Friday, August 29, 2014**. If you wish to provide comments on the amendment petitions, please submit comments by going to the Energy Commission's Carlsbad webpage at: <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=07-AFC-06C> and click on the "Submit e-Comment" link. Please provide your full name, agency name, an e-mail address, reference Docket No. 07-AFC-6C, in the subject line, and preferably put your comment in an attached document (.doc, .docx, or .pdf format). After entering characters 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 Energy Commission Dockets Unit. If you wish to mail written comments on the project amendment, please submit them to the Energy Commission Dockets Unit. Please include the docket number (07-AFC-6C) in the subject line or first paragraph of your comments and mail or hand-deliver them to:

California Energy Commission
Dockets Unit, MS-4
1516 Ninth Street
Sacramento, CA 95814-5512

All written comments and materials filed with the Commission will become a part of the public record of the proceeding.

Please address questions about the process or schedule to Mike Monasmith, Project Manager, 1516 9th Street, MS-15, Sacramento, CA 95814, available via phone at (916) 654-4894, or by email at mike.monasmith@energy.ca.gov.

The status of the project, copies of notices, electronic version of the PTA and PTR, and other relevant documents are also available on the Energy Commission's Internet web site listed above. Please click on **Documents for this Proceeding (Docket Log)** or **Search Documents in this Proceeding** to find the information you seek. You can also receive email notification of all project related activities and availability of reports by subscribing to the Listserve on the website. Lastly, if you wish to talk directly with the Energy Commission staff assigned to review issues relevant to your agency, the enclosed business card(s) will provide you with their pertinent contact information.

Sincerely,



Chris Davis, Manager
Siting Office

Enclosures: Petition to Amend CD, dated May 2, 2014
Petition to Remove Obsolete Facilities CD, dated April 29, 2014