

DOCKETED

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Project Title:	Carlsbad Energy Center - Compliance
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CALIFORNIA ENERGY COMMISSION

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www.energy.ca.gov



**NOTICE OF RECEIPT
PETITION TO AMEND
THE CALIFORNIA ENERGY COMMISSION DECISION FOR THE
CARLSBAD ENERGY CENTER (07-AFC-6C)**

On May 2, 2014, Carlsbad Energy Center LLC (project owner), an indirect, wholly owned subsidiary of NRG Energy Inc., filed a Petition to Amend (PTA) the Final Decision with the California Energy Commission (Energy Commission) for the Carlsbad Energy Center Project (CECP, 07-AFC-06) . The 540-megawatt CECP combined-cycle project was to be located on a 23-acre parcel on the northeast corner of the Encina Power Station (EPS) in the city of Carlsbad, San Diego County. The CECP was certified for construction and operation by the Energy Commission on May 31, 2012.

DESCRIPTION OF PROPOSED MODIFICATION

As amended, the proposed CECP facility would be located on the same, but slightly larger, parcel than the licensed CECP; 30-acres on the northeastern portion of the EPS site. The new facility would be constructed on land occupied by the “east tank farm” and above ground storage tanks (ASTs) 4, 5, 6 and 7. The PTA also requests Commission approval to decommission and demolish EPS Units 1-5, and remediate soil beneath them and all other existing above-ground facilities west of the railroad tracks with the exception of transmission and linear features necessary for operation of the Amended CECP.

The Amended CECP electrical generation configuration includes six simple-cycle LMS100 natural gas-fired combustion turbines (designated Amended CECP Units 6, 7, 8, 9, 10 and 11), with a combined net capacity of 632 MW. Similar to the licensed CECP, the Amended CECP units would interconnect to SDG&E’s 138-kv and 230-kV electrical transmission facilities. All key power plant operation and maintenance features would be relocated to the east of the railroad tracks, including a new administrative and control building and smaller warehouse. The Amended CECP will preferentially use 336 acre-feet per year of CCR Title 22 reclaimed water via the Encina Wastewater Authority, or as with the case with the licensed CECP, water needs can also be met via a small, onsite seawater desalination system. The Amended CECP will also have access to potable water from the Carlsbad Municipal Water District for emergency, back-up purposes. Construction of the Amended CECP is estimated to take approximately 25 months, with a projected commercial operation date no later than the end of the 4th quarter, 2017.

Decommissioning of EPS Units 1-5 would immediately commence following commercial operation of the Amended CECP facility, thereby permanently eliminating EPS use of coastal and estuarine waters for power plant once through cooling (OTC), and helping to ensure seamless electrical reliability needs. Demolition of Units 1-5 infrastructure (including the concrete enclosure, 400 ft. exhaust stack and other above-ground

features west of the railroad tracks), and associated remediation activities, will follow decommissioning, and is anticipated to take approximately two years to complete.

ENERGY COMMISSION AMENDMENT REVIEW PROCEDURES

Staff is recommending that a Committee be assigned to oversee the PTA proceeding. At the June 18, 2014 Business Meeting, it is expected that a Committee of two Commissioners (Committee) will be assigned to oversee the PTA proceeding. The June Energy Commission business meeting agenda will be available approximately 10 business days before the date of the meeting. For details, including participation, on the business meeting, please go to: www.energy.ca.gov/business_meetings/index.html

The purpose of this Energy Commission power plant siting review process is to assess the impacts of the amendment proposal on environmental quality, public health and safety, and engineering and system reliability. The review process includes an evaluation of the consistency of the proposed changes and modifications with that of the Energy Commission's existing Decision, and to determine whether the facility, as modified, would remain in compliance with applicable laws, ordinances, regulations, and standards (20 Cal. Code of Regs., § 1769). Energy Commission staff are currently analyzing the PTA, and will publish a Preliminary Staff Assessment (PSA) and 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 consider all submitted evidence and comment to reach a final decision on whether or not to approve the PTA-requested changes and modifications.

The PTA has been posted, and can be reviewed, on the Energy Commission's CECP webpage at http://docketpublic.energy.ca.gov/PublicDocuments/07-AFC-06C/TN202287-2_20140502T155806_CECP_Petition_to_Amend.pdf. All filings, notices, announcements and analyses will be posted on the CECP webpage at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=07-AFC-06C>. This Notice is being sent electronically to the CECP list serve; an e-mail alert system whereby all CECP material and information filed with the Commission is electronically noticed to all CECP listserve subscribers.

Written comments can also be submitted by going to the CECP webpage at <http://www.energy.ca.gov/sitingcases/carlsbad/> and clicking the "Submit e-Comment" link. Please provide your full name and email address, and reference "*CECP Petition to Amend*" Docket No. 07-AFC-6C. 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:

California Energy Commission
Dockets Unit, MS-4
Docket No. 07-AFC-06C
1516 Ninth Street
Sacramento, CA 95814-5512

If you have questions about this Notice, please contact Mike Monasmith, Siting Project Manager, at (916) 654-4894 or via e-mail at mike.monasmith@energy.ca.gov. For information on participating in the Energy Commission's review of the proposed modification to the CECP, you can call the Public Adviser's Office at (800) 822-6228. They can also be contacted via e-mail at publicadviser@energy.ca.gov.

Date: June 2, 2014

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