

## CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET  
SACRAMENTO, CA 95814-5512  
www.energy.ca.gov



<b>DOCKET</b>	
11-AFC-1	
DATE	FEB 22 2012
RECD.	FEB 22 2012

February 22, 2012

Dear Librarian:

**DOCUMENT HANDLING FOR THE PRELIMINARY STAFF ASSESSMENT FOR THE PROPOSED PIO PICO ENERGY CENTER (11-AFC-1) and POSTING OF PUBLIC NOTICE**

The enclosed Preliminary Staff Assessment (PSA) contains the California Energy Commission staff's preliminary engineering and environmental evaluation of the Pio Pico Energy Center (PPEC) proposed to be located in the county of San Diego. Please make this PSA available for those who may wish to be informed about the project. We request that you not allow the PSA or any of its contents to be removed from the library. To increase accessibility of the document, we ask, if possible, that you cross reference it as a general reference work under the title and author categories, as well as under such subjects as "Energy Commission," "electricity energy/generation," "power plant siting," or any other relevant subject. Please retain the enclosed letter to the public behind the front cover of the PSA.

The Energy Commission's siting process is open to the public and incorporates the input of the public as well as local, state and federal agencies. To facilitate public participation in our review process, the Commission distributes copies of staff documents such as the PSA to public libraries in communities near the proposed project, and in major cities throughout the state. As such, please retain a copy of the enclosed Notice of Availability behind the front cover of the PSA and also post a copy of the Notice of Availability in a place conspicuous and accessible to those members of the general public who visit the library.

Thank you for your cooperation. If you have any questions, please contact Eric K. Solorio, Siting Project Manager, at (916) 651-0966 or at the address on this letterhead or by email to [esolorio@energy.ca.gov](mailto:esolorio@energy.ca.gov).

Sincerely,

Chris Davis, Office Manager  
Siting Office

Enclosure:  
Preliminary Staff Assessment  
of Application for Certification (11-AFC-1)

PROOF OF SERVICE (REVISED 2/21/12) FILED WITH  
ORIGINAL MAILED FROM SACRAMENTO DN 2/21/12

CJ

**CALIFORNIA ENERGY COMMISSION**

1516 NINTH STREET  
SACRAMENTO, CA 95814-5512  
www.energy.ca.gov



February 22, 2012

**NOTICE OF AVAILABILITY  
PRELIMINARY STAFF ASSESSMENT  
FOR THE PROPOSED PIO PICO ENERGY CENTER (11-AFC-1)**

To: MEMBERS OF THE PUBLIC

This notice is to inform you of the availability of the Preliminary Staff Assessment (PSA) for the Pio Pico Energy Center's (PPEC) Application for Certification (11-AFC-1). The PSA was published on February 22, 2012. The PSA contains the California Energy Commission staff's preliminary engineering, environmental and public health and safety evaluation of the proposed PPEC.

The California Energy Commission encourages public participation in the review of the PPEC's Application for Certification (AFC). The public comment period for this PSA is from February 22, 2012 to March 26, 2012. Written comments on the PSA should be provided to Eric Solorio, Siting Project Manager, no later than 5:00 p.m., March 26, 2012 at the address on this letterhead or by email to [esolorio@energy.ca.gov](mailto:esolorio@energy.ca.gov). Technical or project schedule questions should also be directed to Mr. Eric Solorio at (916) 651-0966 or by email.

Following a 30-day public comment period on the PSA and staff holding one or more public workshops, the staff will prepare a Final Staff Assessment (FSA) which will serve as staff's formal testimony in evidentiary hearings to be held by the Energy Commission's Committee assigned to hear this case. The Committee will hold evidentiary hearings to consider the recommendations presented by staff, applicant, interveners, government agencies, and the public prior to proposing its decision. In the last step, the full Energy Commission will issue the final decision.

**SUMMARY OF THE PROPOSED PIO PICO ENERGY CENTER**

On February 10, 2011, Pio Pico Energy Center LLC submitted an Application for Certification (AFC) to the California Energy Commission seeking permission to construct and operate a nominal 300-megawatt (MW) natural gas-fired simple-cycle generating facility, the PPEC. The current AFC replaces the previously proposed project that was withdrawn on December 10, 2010. The new project site is proposed to be located in an unincorporated area of southwestern San Diego County, known as Otay Mesa.

The PPEC project would be located on approximately 10 acres of disturbed land on the southeast quadrant of the Alta Road and Calzada de la Fuente intersection. The

construction lay down (equipment and materials) area is proposed to be 6-acres of an adjacent parcel to the south.

The generating facility would include three General Electric (GE) LMS100 natural gas-fired combustion turbine generators (CTGs), each equipped with water injection to the combustors for reducing production of oxides of nitrogen (NOx), a selective catalytic reduction (SCR) system with 19 percent aqueous ammonia injection to further reduce NOx emissions, and an oxidation catalyst to reduce carbon monoxide (CO). Thermal energy is produced in the CTGs through the combustion of natural gas, which is converted into mechanical energy to drive the combustion turbine compressors and electric generators. The total net generating capacity would be approximately 300 MW.

### **ENERGY COMMISSION'S SITE CERTIFICATION PROCESS**

The Energy Commission is responsible for reviewing and ultimately approving or denying all applications to construct and operate thermal electric power plants, 50 MW and greater, in California. The Energy Commission's facility certification process carefully examines public health and safety, environmental impacts and engineering aspects of proposed power plants and all related facilities such as electric transmission lines and natural gas and water pipelines. The Energy Commission has a certified regulatory program and is the lead agency under the California Environmental Quality Act (CEQA).

### **SUMMARY OF CALIFORNIA ENERGY COMMISSION STAFF'S PRELIMINARY CONCLUSIONS**

Staff concludes that with implementation of staff's recommended mitigation measures described in the conditions of certification, the PPEC would comply with all applicable laws, ordinances, regulations, and standards (LORS). Staff also concludes that for all environmental areas except biological resources, significant adverse direct, indirect, and cumulative impacts will not occur.

At this time staff does not have enough information to determine the feasibility of the applicant's proposed mitigation measures to reduce impacts to biological resources to a less than significant level. Staff anticipates obtaining this information and discussing the details of such during the public workshop previously noticed for March 1, 2012, to be held in Chula Vista: <http://www.energy.ca.gov/sitingcases/piopico/notices/index.html>.

### **AVAILABILITY OF THE PRELIMINARY STAFF ASSESSMENT**

On Wednesday, February 22, 2012, you may download a copy of the PSA from the project web site: <http://www.energy.ca.gov/sitingcases/piopico/index.html>. Copies of the PSA are also available at the Energy Commission's Library in Sacramento, the California State Library in Sacramento, and at public libraries in Eureka, San Francisco, Los Angeles, and San Diego. Additionally, copies of the PSA were mailed to the following public libraries:

Civic Center Branch 365 F Street Chula Vista, CA 91910	South Chula Vista Branch 389 Orange Avenue Chula Vista, CA 91911	East Lake Branch 1120 EastLake Parkway Chula Vista, CA 91915	Central Library 820 E Street San Diego, CA 92101
Otay Mesa-Nestor Branch 3003 Coronado Avenue San Diego, CA 92154	Bonita-Sunnyside Branch 4375 Bonita Road Bonita, CA 91902	Imperial Beach Branch 810 Imperial Beach Boulevard Imperial Beach, CA 91932	Lincoln Acres Branch 2725 Granger Avenue National City, CA 91950

Also, a copy of the PSA has been sent to those public agencies that would normally have jurisdiction except for the Energy Commission's exclusive authority to certify sites and related facilities.

**PUBLIC RESOURCES, CONTACT INFORMATION AND ADDITIONAL SOURCES FOR INFORMATION**

If you desire information on how to participate in the Energy Commission's review of the proposed project, please contact the Energy Commission's Public Adviser, at (916) 653-5898 or toll free in California at (800) 822-6228, or by email at: [publicadviser@energy.state.ca.us](mailto:publicadviser@energy.state.ca.us).

To request special accommodations for those persons with disabilities, please contact Lourdes Quiroz at [lquiroz@energy.state.ca.us](mailto:lquiroz@energy.state.ca.us) or by telephone (916) 654-5146.

For additional information contact Eric Solorio, CEC Project Manager at (916) 651-0966 or email at [esolorio@energy.state.ca.us](mailto:esolorio@energy.state.ca.us).

News media inquiries should be directed to Acting Assistant Director, Adam Gottlieb, at (916) 654-4989, or by email at: [mediaoffice@energy.state.ca.us](mailto:mediaoffice@energy.state.ca.us).

Sincerely,

Date: 2/22/12

\_\_\_\_\_  
Chris Davis, Office Manager  
Siting Office

**Note: Please retain a copy of this Public Notice behind the front cover of the Preliminary Staff Assessment (PSA) and post a copy of the Public Notice in a place conspicuous and accessible to those members of the general public who visit the library. Thank You.**



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT  
COMMISSION OF THE STATE OF CALIFORNIA  
1516 NINTH STREET, SACRAMENTO, CA 95814  
1-800-822-6228 – WWW.ENERGY.CA.GOV

**APPLICATION FOR CERTIFICATION  
FOR THE PIO PICO ENERGY CENTER PROJECT**

**Docket No. 11-AFC-1  
PROOF OF SERVICE  
(Revised 2/21/2012)**

**APPLICANT**

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**APPLICANT'S CONSULTANTS**

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**COUNSEL FOR APPLICANT**

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**INTERESTED AGENCIES**

California ISO  
*e-mail service preferred*  
[e-recipient@caiso.com](mailto:e-recipient@caiso.com)

**PETITIONERS**

April Rose Sommer  
Attorney for Rob Simpson  
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**ENERGY COMMISSION –  
DECISIONMAKERS**

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Commissioner and Associate  
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**ENERGY COMMISSION STAFF**

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**ENERGY COMMISSION – PUBLIC  
ADVISER**

Jennifer Jennings  
Public Adviser  
*e-mail service preferred*  
[publicadviser@energy.state.ca.us](mailto:publicadviser@energy.state.ca.us)

**DECLARATION OF SERVICE**

I, Cenne Jackson, declare that on February 22, 2012, I served and filed copies of the attached Notice of Availability, dated February 22 2012. This document is accompanied by the most recent Proof of Service list, located on the web page for this project at: [<http://www.energy.ca.gov/sitingcases/riomesa/index.html>].

The document has been sent to the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit or Chief Counsel, as appropriate, in the following manner: -

**(Check all that Apply)**

**For service to all other parties:**

- Served electronically to all e-mail addresses on the Proof of Service list;
- Served by delivering on this date, either personally, or for mailing with the U.S. Postal Service with first-class postage thereon fully prepaid, to the name and address of the person served, for mailing that same day in the ordinary course of business; that the envelope was sealed and placed for collection and mailing on that date to those addresses **NOT** marked "e-mail preferred."

**AND**

**For filing with the Docket Unit at the Energy Commission:**

- by sending electronic copies to the e-mail address below (preferred method); **OR**
- by depositing an original and 12 paper copies in the mail with the U.S. Postal Service with first class postage thereon fully prepaid, as follows:

**CALIFORNIA ENERGY COMMISSION – DOCKET UNIT**  
Attn: Docket No. 11-AFC-4  
1516 Ninth Street, MS-4  
Sacramento, CA 95814-5512  
[docket@energy.state.ca.us](mailto:docket@energy.state.ca.us)

**OR, if filing a Petition for Reconsideration of Decision or Order pursuant to Title 20, § 1720:**

- Served by delivering on this date one electronic copy by e-mail, and an original paper copy to the Chief Counsel at the following address, either personally, or for mailing with the U.S. Postal Service with first class postage thereon fully prepaid:

California Energy Commission  
Michael J. Levy, Chief Counsel  
1516 Ninth Street MS-14  
Sacramento, CA 95814  
[mlevy@energy.state.ca.us](mailto:mlevy@energy.state.ca.us)

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, that I am employed in the county where this mailing occurred, and that I am over the age of 18 years and not a party to the proceeding.

