

CALIFORNIA ENERGY COMMISSION

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



June 4, 2012

DOCKET 11-AFC-1
DATE 6-04-2012
RECD 6-04-2012

Dear Librarian:

DOCUMENT HANDLING FOR THE SUPPLEMENT TO THE FINAL STAFF ASSESSMENT FOR THE PROPOSED PIO PICO ENERGY CENTER (11-AFC-1)

Enclosed is a **Supplement** to the Final Staff Assessment (FSA). The FSA contains the California Energy Commission staff's final engineering and environmental evaluation of the Pio Pico Energy Center (PPEC) proposed to be located in the county of San Diego. Please insert the **Supplement** into the front cover of the FSA which we mailed to you on May 22, 2012. We have also enclosed a new electronic file (CD) to replace the previous one provided on May 22, 2012. The new CD incorporates the Supplement into the FSA (see pages 4-.7-17 and 4.7-18). Please update your files accordingly.

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 FSA to public libraries in communities near the proposed project, and in major cities throughout the state. As such, please post a copy of the enclosed Notice of Availability of a Supplement to the Final Staff Assessment 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.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Davis", written over a horizontal line.

Chris Davis, Office Manager
Siting Office

Enclosures (2):

Supplement to the Final Staff Assessment of Application for Certification (11-AFC-1) and
Notice of Availability of a Supplement to the Final Staff Assessment

Cc: Docket and Proof of Service List

CALIFORNIA ENERGY COMMISSION

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June 4, 2012

**NOTICE OF AVAILABILITY OF
SUPPLEMENT TO FINAL 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 a **Supplement** to the Final Staff Assessment (FSA) for the Pio Pico Energy Center's (PPEC) Application for Certification (11-AFC-1). The FSA was published on May 22, 2012. The FSA together with the Supplement, contains the California Energy Commission staff's final engineering, environmental and public health and safety evaluation of the proposed PPEC.

AVAILABILITY OF THE SUPPLEMENT AND THE FINAL STAFF ASSESSMENT

You may download a copy of the Supplement and the FSA from the project web site: <http://www.energy.ca.gov/sitingcases/piopico/index.html>. Copies of the Supplement and the FSA 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 FSA 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 Supplement and the FSA 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.

The California Energy Commission encourages public participation in the review of the PPEC's Application for Certification (AFC). Technical or project schedule questions should be directed to the Energy Commission's project manager, Mr. Eric Solorio, at (916) 651-0966 or by email at esolorio@energy.ca.gov.

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.

SUMMARY OF CALIFORNIA ENERGY COMMISSION STAFF'S FINAL 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, significant adverse direct, indirect, and cumulative impacts will not occur.

PUBLIC RESOURCES, CONTACT INFORMATION AND ADDITIONAL SOURCES FOR INFORMATION

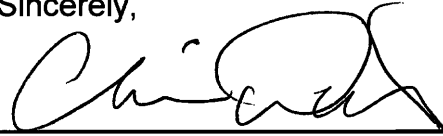
If you desire information on how to participate in the Energy Commission's review of the proposed project, please contact the Energy Commission's Public Adviser at (916) 653-5898 or toll free in California at (800) 822-6228, or by email at: publicadviser@energy.ca.gov.

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

For additional information contact Eric Solorio, CEC Project Manager at (916) 651-0966 or email at esolorio@energy.ca.gov.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Davis", written over a horizontal line.

Chris Davis, Office Manager
Siting Office

Date: 6/04/12

Mailed to lists:
Property Owners and
Library

Cc: Docket and Proof of Service List

PUBLIC HEALTH

Testimony of Obed Odoemelam, Ph.D.

CONSIDERATION OF POTENTIAL PUBLIC HEALTH IMPACTS TO RECEPTORS IN THE ESTADOS UNIDOS MEXICANOS (MEXICO)

The proposed site for the Pio Pico Energy Center is located approximately one and a quarter miles north of Mexico (see Final Staff Assessment, **Project Description - Figure 3**). In describing the project's site and vicinity, page 4.7-3 of the Final Staff Assessment (FSA) states "there are no sensitive receptors within a three-mile radius of the site." Staff wants to clarify that the known absence of sensitive receptors applies to the area within the three-mile radius on the United States side of the border with Mexico. While the FSA identified the absence of sensitive receptors (i.e. individuals) on the American side of the border, there is a possibility of the presence of sensitive receptors within the portion of the three-mile radius that extends into Mexico.

Regarding noncancer health effects, as discussed on page 4.7-6 of the FSA, sensitive receptors are more responsive to the effects of toxic pollutants than the individual with normal sensitivity. Safe exposure limits (as discussed on page 4.7-6), are established to protect against pollutant impacts to sensitive individuals, whether in the United States or across the border in Mexico. Staff's analysis and conclusions in the FSA, on page 4.7-15 that no significant cancer, short-term or long-term health effects would be expected from PPEC-related impacts within the three-mile radius, applies equally to the area within the United States **and** the area within the three-mile radius that extends across the international border into Mexico. Therefore, the presence of sensitive receptors, if any, within the three-mile radius in Mexico would not result in any change to staff's analysis and conclusions as set forth in the FSA.

**SUPPLEMENT TO THE FINAL STAFF ASSESSMENT, DATED MAY 22, 2012
PIO PICO ENERGY CENTER (11-AFC-1)**

Public Health (Section 4.7)

This Supplement was published on June 4, 2012.