

**CALIFORNIA ENERGY COMMISSION**

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



January 18, 2011

TO: AGENCY DISTRIBUTION LIST

**NOTICE OF AVAILABILITY OF A  
PRELIMINARY STAFF ASSESSMENT – PART B  
FOR THE PROPOSED OAKLEY GENERATING STATION PROJECT  
(09-AFC-4)**

**AND****NOTICE OF PUBLIC WORKSHOP**

**Thursday, February 2, 2011  
Beginning at 1:00 pm**

**California Energy Commission  
First Floor Hearing Room B  
1516 9<sup>th</sup> Street  
Sacramento, CA 95814  
(Wheelchair Accessible)  
(Map Attached)**

**To participate in the meeting by telephone,  
please call: 888-790-1742 (toll-free in the U.S. and Canada)  
Enter passcode: 16087**

**DOCKET  
09-AFC-4**

DATE 01/18/11

RECD. 01/19/11

This notice is to inform you of the availability of the Preliminary Staff Assessment Part – B (PSA – Part B) for the Oakley Generating Station (OGS) project, Application for Certification (09-AFC-4). The PSA – Part B was published on January 14, 2011, and a CD copy is enclosed for your review.

This notice is also to inform you that the Energy Commission staff will hold a workshop to discuss PSA Part A and Part B and further encourage public participation, as it relates to the proposed Oakley Generating Station (OGS) project and the Energy Commission's permitting process. The workshop will provide an opportunity for agencies, intervenors, the public and other interested parties to present questions and comments on the PSA. All interested agencies and members of the public are invited to participate. The workshop will be held on February 2, 2011 starting at 1:00 pm.

### **Purpose of the Preliminary Staff Assessment**

This Preliminary Staff Assessment (PSA) contains the California Energy Commission staff's independent evaluation of the proposed OGS project, Application for Certification (09-AFC-4). The PSA is being published in two parts. PSA – Part A was published on December 20, 2010. A complete PSA examines engineering, environmental, public health and safety aspects of the OGS project. Because the PSA is being published in two parts, not all sections typical of a PSA are being published at this time. PSA – Part B contains staff's environmental and engineering evaluation of the OGS project for the balance of remaining technical sections not included in PSA – Part A, which include: **Alternatives, Air Quality, Biological Resources, Land Use, Socioeconomic Resources, Soil and Water Resources, Traffic and Transportation, and Transmission System Engineering**. PSA – Part A contained staff's environmental and engineering evaluation of the OGS project in the following technical sections: **Cultural Resources, Noise and Vibration, Public Health, Transmission Line Safety and Nuisance, Visual Resources, Waste Management, Worker Safety, Facility Design, Geology and Paleontology, Power Plant Efficiency, and Power Plant Reliability**.

The PSA contains analyses similar to those normally contained in an Environmental Impact Report (EIR) required by the California Environmental Quality Act (CEQA). When issuing a license, the Energy Commission is the lead agency under CEQA, and its process is functionally equivalent to the preparation of an EIR.

The Energy Commission staff has the responsibility to complete an independent assessment of the project's engineering design and its potential effects on the environment, the public's health and safety, and whether the project conforms to all applicable laws, ordinances, regulations and standards (LORS). The staff also recommends measures to mitigate potential significant adverse environmental effects and proposes conditions of certification for construction, operation and eventual closure of the project, if approved by the Energy Commission. The PSA is not the decision document for these proceedings nor does it contain findings of the Energy Commission related to environmental impacts or the project's compliance with local, state, and federal legal requirements. The PSA will be superseded by staff's Final Staff Assessment (FSA), which will serve as staff's official sworn testimony in evidentiary hearings to be held by an assigned Committee of two Energy Commissioners and a Hearing Officer. After evidentiary hearings, the Committee will consider the recommendations presented by staff, the applicant, all parties, government agencies, and the public prior to issuing a Presiding Member's Proposed Decision (PMPD). Following a 30-day public review, the full five-member Energy Commission will render its final decision.

### **Agency Comments**

**The California Energy Commission encourages public and agency participation in the review of the Oakley Generating Station Project Application for Certification (09-AFC-4).** The public comment period for this PSA – Part B is from Friday, January 14, 2011 to Monday, February 14, 2011. **Please provide written comments to the PSA – Part B with respect to your agency’s area of expertise to Pierre Martinez, Siting Project Manager, no later than 5:00 p.m., Monday, February 14, 2011 at the address on this letterhead (please add “MS-15”) or by email to [pmartine@energy.state.ca.us](mailto:pmartine@energy.state.ca.us).** Technical or project schedule questions should be directed to Pierre Martinez at (916) 651-3765 or by email.

### **Summary of the Proposed Oakley Generating Station Project**

The Oakley Generating Station project is proposed as a natural gas-fired, combined-cycle facility with a nominal generating capacity of 624-megawatts (MW). The facility will be designed as a base-load facility with the added capabilities of rapid startup, high turndown capability (i.e. ability to turn down to a low load), and high ramp rates.

The proposed project site is located in the city of Oakley, eastern Contra Costa County, at 6000 Bridgehead Road, northeast of the junction of State Route 4 and State Route 160. This site is at the western city limits of Oakley and adjacent to the eastern city limits of Antioch. The project is located on a 21.95-acre site that is part of a larger 210-acre property owned by E.I. du Pont de Nemours and Company (DuPont).

The majority of the project site is currently used as a vineyard as this portion of the DuPont property was never developed for industrial purposes. A small wetland area is located at the northwestern corner of the site.

Primary equipment for the generating facility will include:

- Two General Electric (GE) Frame 7FA combustion turbine generators (CTGs)
- One single condensing GE D11 steam turbine generator
- Two unfired heat recovery steam generators (HRSGs)
- One auxiliary boiler
- One air-cooled condenser (dry-cooled technology)
- One evaporative fluid cooler
- One diesel powered fire pump, and other associated equipment.

Power will be transmitted to the regional electrical grid through a 230-kV connection to PG&E’s Contra Costa Substation, located 2.4-miles to the southwest of the OGS. The project will replace the existing 60-kV line, located within an existing 80-foot-wide PG&E easement, with a 230-kV line.

Construction laydown and parking areas will be located on a 20-acre parcel east of the plant site on DuPont property.

### **Energy Commission Licensing Authority**

The Energy Commission is responsible for reviewing and ultimately approving or denying all applications for construction and operation of thermal electric power plants, 50 MW and greater, proposed for construction 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 is the lead agency under the California Environmental Quality Act (CEQA), and produces several environmental and decision documents rather than an Environmental Impact Report.

### **Agency Participation**

Please direct your technical or project schedule questions to Pierre Martinez, Energy Commission Project Manager, at (916) 651-3765 or by email at [pmartine@energy.state.ca.us](mailto:pmartine@energy.state.ca.us).

The status of the project, an electronic copy of the PSA – Part A and Part B, copies of notices, and other relevant documents are available on the Energy Commission's web site at: <http://www.energy.ca.gov/sitingcases/oakley>.

You can also subscribe to receive e-mail notification of all notices and announcements at: <http://www.energy.ca.gov/listservers>. By being on this e-mail list, you will receive all project-related notices and documents pertaining to the project's evaluation and review.

If you have any questions related to the automatic e-mail notification list, please contact Maria Santourdjian, Project Assistant, at (916) 651-9410, or by e-mail at [msergoya@energy.state.ca.us](mailto:msergoya@energy.state.ca.us).

Sincerely,

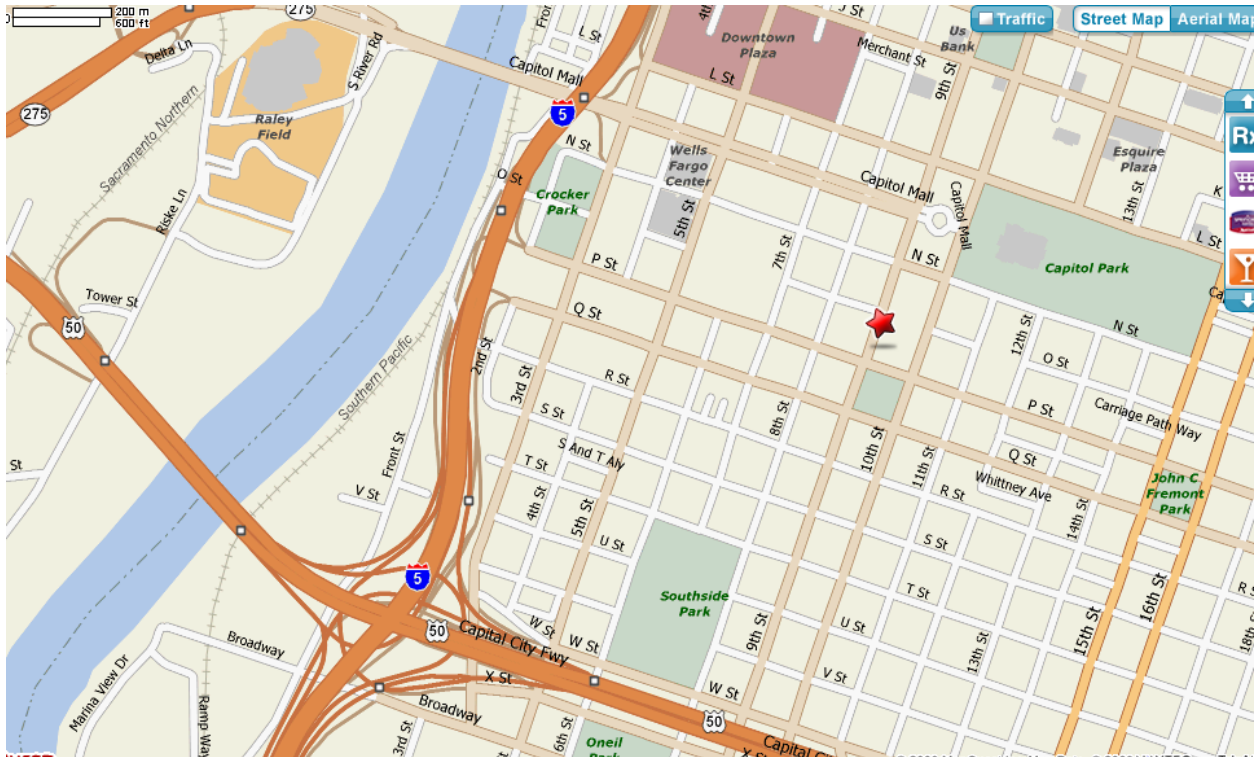
Date: \_\_\_\_\_

\_\_\_\_\_  
TERRANCE O'BRIEN, Deputy Director  
Siting, Transmission and Environmental  
Protection Division

Enclosure: CD of PSA – Part B  
Mailed to list:  
7209 - Agency

**PSA WORKSHOP  
OAKLEY GENERATING STATION PROJECT**  
Thursday, February 2, 2011  
1:00 p.m.

**California Energy Commission  
First Floor Hearing Room B  
1516 9<sup>th</sup> Street  
Sacramento, CA 95814  
(Wheelchair Accessible)**





**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](http://WWW.ENERGY.CA.GOV)**

**APPLICATION FOR CERTIFICATION  
FOR THE *OAKLEY GENERATING STATION***

**Docket No. 09-AFC-4  
PROOF OF SERVICE  
(Revised 8/13/2010)**

**APPLICANT**

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**INTERESTED AGENCIES**

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### **DECLARATION OF SERVICE**

I, Maria Santourdjian, declare that on January 19, 2011, I served and filed copies of the attached Letter to the Agencies Regarding NOA of PSA Part B. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at:

<http://www.energy.ca.gov/sitingcases/contracosta/index.html>. The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

#### ***(Check all that Apply)***

#### **For service to all other parties:**

- ☒ sent electronically to all email addresses on the Proof of Service list;
- ☐ by personal delivery;
- ☒ by delivering on this date, for mailing with the United States 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 "email preferred."

**AND**

#### **For filing with the Energy Commission:**

- ☒ sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (preferred method);

**OR**

- ☐ depositing in the mail an original and 12 paper copies, as follows:

#### **CALIFORNIA ENERGY COMMISSION**

Attn: Docket No. 09-AFC-4  
1516 Ninth Street, MS-4  
Sacramento, CA 95814-5512  
[docket@energy.state.ca.us](mailto:docket@energy.state.ca.us)

I declare under penalty of perjury 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.

Originally Signed by  
Maria Santourdjian