

DOCKETED

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CALIFORNIA ENERGY COMMISSION

SITE VISIT, ENVIRONMENTAL SCOPING MEETING AND INFORMATIONAL HEARING
REDONDO BEACH ENERGY PROJECT



Energy Commission, Sacramento

Purpose of Today's Proceedings

- ❖ **Inform members of the public about the proposed amendment and the Energy Commission's review process.**
- **Redondo Beach Energy Project (RBEP)– Application for Certification**
 - RBEP is a proposed natural-gas fired, combined-cycle, air-cooled, 511-megawatt (MW) gross electrical generating facility that would replace the existing and still operational AES Redondo Beach Generating Station. The existing Redondo Beach Generating Station Units 1 through 8 and auxiliary boiler no. 17 will be demolished as part of the project.
- ❖ **You will be able to learn about the proposed project, ask questions and provide comments.**
- ❖ **You will also be informed of the various ways you can participate in the Energy Commission's power plant licensing process.**



Today's Agenda

4:00 p.m. Site Visit—bus tour to site

5:30 p.m. Presentations and Discussion

- ❖ Commissioners' Opening Remarks
- ❖ Hearing Adviser—Energy Commission's role
- ❖ Applicant—project details
- ❖ Energy Commission Staff—environmental review process
- ❖ Staff's Issues Identification Report
- ❖ Staff's proposed schedule for the licensing process
- ❖ Public Adviser's Office—opportunities for public participation
- ❖ Public Questions and Comments



Energy Commission's Role

- ❖ Energy Commission has permitting authority over thermal power plants that are 50 megawatts or greater.
- ❖ The Commission is the lead state agency for California Environmental Quality Act (CEQA) review and ongoing compliance.
- ❖ Energy Commission staff is an independent party in the proceeding. Staff will prepare an independent evaluation of the environmental, engineering, and public health/safety aspects of the proposed amendment.



Energy Commission's Role

- ❖ There are five members of the Energy Commission. The Commission has appointed Commissioners Douglas (Presiding Committee Member) and Scott (Associate Committee Member) to oversee the licensing process for this project.
- ❖ Following staff review, the Committee will issue a Presiding Member's Proposed Decision (PMPD) that makes a recommendation to the full Commission to approve, reject, or change the proposed project.



Evidentiary Hearing & Decision Process

- ❖ **Committee conducts hearings to create evidentiary record**
- ❖ **Issues Presiding Member's Proposed Decision (PMPD). The PMPD contains findings relating to:**
 - Environmental impacts, public health, engineering
 - Project's compliance with Local Laws, Ordinances, Regulations and Standards (LORS)
 - Recommends conditions of certification
 - Recommends approval or denial of the application
- ❖ **Full Commission issues a Final Decision**
- ❖ **Appeals: Reconsideration by Commission; California Supreme Court**
- ❖ **Energy Commission monitors compliance with all conditions of certification for the life of the project, including closure**



EX PARTE RULE

- ❖ All decisions made in this case will be made solely on the basis of the public record.
- ❖ Contacts between interested parties and the members of the Committee regarding a substantive matter must occur in a public forum or in a writing distributed to all the parties and made available to the public.



EX PARTE RULE

- ❖ Purpose: to provide full disclosure to all participants of any information that may be used as a basis for the future Decision on this application.
- ❖ No off-the-record contacts concerning substantive matters are permitted to take place between interested parties and the Commissioners, their advisers, this Committee, or the Hearing Officer.



Applicant's Presentation



Overview of Licensing Process

1. Data Adequacy

- Minimum requirements to accept application

2. Staff Discovery and Analyses

- Issues Identification
- Data requests
- Public Workshops
- Preliminary Staff Assessment and public comment
- Final Staff Assessment

3. Committee Evidentiary Hearing and Decision

- Evidentiary Hearings on FSA and other information
- Presiding Member's Proposed Decision (PMPD) and public comments
- PMPD hearing and Commission decision



Discovery and Analysis Process

- ❖ Determine if the proposed project (AFC) complies with Laws, Ordinances, Regulations, Standards (LORS)
- ❖ Conduct engineering, environmental, public health and safety analysis
 - ✓ identify issues;
 - ✓ identify environmental impacts and mitigation measures;
 - ✓ evaluate project alternatives; and
 - ✓ recommend conditions of certification.
- ❖ Facilitate public and agency participation
- ❖ Staff products: Preliminary Staff Assessment (PSA) and Final Staff Assessment (FSA)
- ❖ Make recommendations to the Committee



Local, State and Federal Coordination

- ❖ Energy Commission staff work closely with other governmental agencies, for example:
 - Local: City of Redondo Beach
 - Regional: Los Angeles County; South Coast Air Quality Management District; Regional Water Quality Control Board
 - State: California Coastal Commission; Department of Fish and Wildlife; California Independent System Operator; California Public Utilities Commission
 - Federal: Environmental Protection Agency; Army Corps of Engineers



Staff's Issues Identification Report

❖ Purpose

- ✓ Inform participants of potentially significant issues staff believes it will encounter;
- ✓ Provides an early focus on important topics;
- ✓ The Issues Identification Report is not limiting. Staff, agencies and other stakeholders may identify additional significant issues, going forward.

❖ Criteria

- ✓ Significant impacts may result from the project which may be difficult to mitigate
- ✓ The project as proposed may not comply with applicable laws, ordinances, regulations or standards (LORS)
- ✓ Conflicts may arise between the parties about the appropriate findings or conditions of certification
- ✓ Issues that can delay the 12-month siting process



Staff's Potential Issue Areas

- ❖ Environmental Justice Population
- ❖ Alternatives
- ❖ Cultural Resources
- ❖ Coordination with SCAQMD / Project Schedule



POTENTIAL ISSUE:

Environmental Justice Population

- ❖ Based upon the 2010 Census data, **59.5** percent of the total population living within the six-mile buffer of the project site constitutes an environmental justice population.
- ❖ Staff will review the impacts resulting from the construction and operation of the proposed project to determine if there are any disproportionate impacts and propose applicable mitigation.
- ❖ Staff is working with the Public Adviser on public outreach regarding the project and its impacts.



POTENTIAL ISSUE

Alternatives

- ❖ CEQA requires staff to analyze a reasonable range of alternatives to the project or the location of the project, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project.
- ❖ CEQA requires a “rule of reason” that requires the environmental analysis to set forth only those alternatives necessary to permit a reasoned choice and would avoid or substantially lessen any of the significant effects of the project.
- ❖ The feasibility of alternatives is taken into account as it relates to site suitability, economic viability, availability of infrastructure, general plan consistency, other plans or regulatory limitations, jurisdictional boundaries and whether the proponent can reasonably acquire control or otherwise have access to the alternative site.



POTENTIAL ISSUE

Alternatives

- Alternatives that staff will be considering in its analysis include, but are not limited to:
- No Project Alternative Scenarios
 - Reasonably foreseeable scenario – The scenario most likely to occur at the RBGS without implementing the proposed RBEP and to keep the power plant in operation, including once-through cooling (OTC) retrofit options.
 - Decommissioning/site restoration – Full decommissioning of the RBGS, including site remediation/restoration.
- Reconfigured Site Alternative
- On-Site Technology Alternatives
- Site Alternatives

Other Alternatives (e.g., distributed generation, energy efficiency, etc.)



POTENTIAL ISSUE

Cultural Resources

- The AFC identifies eleven historic-period built-environment resources within the study area, including the Redondo Beach Generating Station (RBGS) and the SEA Lab building across Harbor Drive from RBGS, which was the original pump house for RBGS Unit 1.
- Staff is investigating the significance of the 1947-1948 Redondo Beach Generating Station Administration, Unit 1 and SEA Lab buildings. Significance themes which may be explored are: the Art Moderne architectural style, the design and construction by a master/important creative individual and the relationship of the site and building design to the 20th Century City Beautiful Planning movement in the United States.



POTENTIAL ISSUE

Air Quality Schedule Timing

- ❖ Preliminary Determination of Compliance (PDOC) expected in January 2014 and a Final Determination of Compliance (FDOC) expected in March 2014.
- ❖ Energy Commission staff utilizes the PDOC and FDOC in their air quality analysis; the timing of the availability of these documents will impact the proposed schedule for producing an Energy Commission final decision.



Staff's Proposed Schedule

ACTIVITY	DATE
Application for Certification determined to be "Data Adequate" at Commission Business Meeting	8/27/13
Staff files Issues Identification Report	9/20/13
Information hearing and site visit	10/01/13
Staff files first round of Data Requests	10/8/13
Applicant files Data Responses	11/08/13
Data Responses and Issues Resolution Workshop	11/21/13
Staff files data requests (round 2, if necessary)	12/12/13
Applicant provides data responses (round 2, if necessary)	01/12/14
Data Responses and Issues Resolution Workshop	01/17/14
Applicant submits supplemental information resulting from workshop	02/09/14



Staff's Proposed Schedule

ACTIVITY	DATE
SCAQMD files Preliminary Determination of Compliance (PDOC)	01/24/14
Preliminary Staff Assessment published	03/10/14
Preliminary Staff Assessment workshop	03/25/14
SCAQMD issues Final Determination of Compliance (FDOC)	03/25/14
Final Staff Assessment published	05/09/14
Prehearing Conference*	TBD
Evidentiary hearings*	TBD
Committee files Presiding Members Proposed Decision (PMPD)*	TBD
Committee hearing on PMPD*	TBD
Committee files errata or revised PMPD (if necessary)*	TBD
Energy Commission final Decision*	TBD



Redondo Beach Energy Project
Docket No. 12-AFC-03

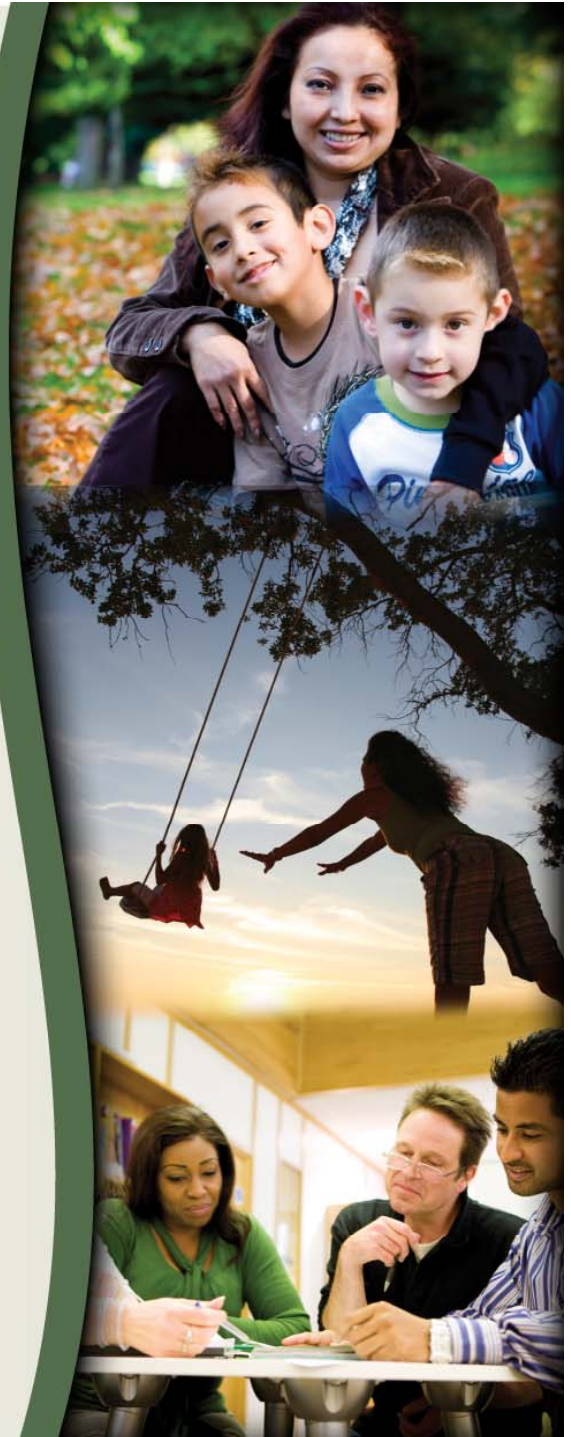
Informational Hearing and Site Visit

Blake Roberts
Assistant Public Adviser

October 1, 2013



CALIFORNIA
ENERGY COMMISSION



What's a Public Adviser?

At the Commission

The Public Adviser is an independently appointed attorney who:

- *Helps the public understand the process*
- *Recommends the best way to be involved*
- *Assists in successful participation in proceedings*

Outreach for Site Visit, Environmental Scoping Meeting, and Informational Hearing

- **Who:** Local city and county officials, tribal officials and members, schools, hospitals, non-profit groups and community organizations, property owners, public members who have contacted our office
- **How:** Paid local newspaper advertisement, local libraries, local TV and radio, mailing lists, email blasts

Two Levels of Public Participation

First Level – Public Comments (Informal Participation)

- Verbal comments at public meetings through Blue Cards
- Electronic comments through Commission e-commenting system
- Written comments to the Commission Dockets Unit (*1516 Ninth Street, MS 4, Sacramento 95814*)

Two Levels of Public Participation

First Level – Public Comments (Informal Participation)

- Public comments are considered by the Commissioners and are part of the record

but

- Public comments are not considered evidence and cannot be the sole basis of a decision

Two Levels of Public Participation

Second Level – Intervening (Formal Participation)

- An intervenor is a party to the proceeding, can present evidence at the hearings through witnesses, and can question the staff and applicant's witnesses
- Anyone may file a Petition to Intervene
- You do not have to be or have an attorney to intervene
- Early intervention is most effective
- The Public Adviser's Office can advise how to file a Petition to Intervene through e-filing system and to navigate the process
- Petition is considered by the assigned committee

How to Participate

Things To Do

- Sign up for Redondo Beach listserv: www.energy.ca.gov/listservers
- Submit written comments
- Provide oral comments
- Attend public project events
 - *In person or via WebEx or conference call*
 - *Non-English speakers welcome*
 - *Special accommodations for persons with disabilities:
Lourdes Quiroz, (916) 654-5146, lou.quiroz@energy.ca.gov*

How to Participate

www.energy.ca.gov

The screenshot shows the California Energy Commission website. At the top, there is a navigation bar with links for CA.gov, Contact Us, Accessibility, and Quick Links. Below this is a search bar with a search icon and options for 'This Site' and 'California'. The main navigation menu includes HOME, ABOUT US, EFFICIENCY, FUNDING, POWER PLANTS, SEARCH, and TRANSPORTATION. A red arrow points to the 'POWER PLANTS' menu item. Below the navigation menu, there is a grid of links. A red arrow points to the 'Power Plant Cases Under Review' link. The grid contains the following links:

- Power Plant Cases Under Review**
- Public Adviser's Office**
Assistance for public participation in power plant cases
- DRECP**
About the Desert Renewable Energy Conservation Plan
- Alphabetical List of Power Plant Projects**
Licensing and Compliance Information
- Energy Commission Dockets Unit**
Currently open dockets with listing to documents filed under each
- California On-Line Energy Maps**
- Siting, Transmission, and Environmental Protection Division**
Description of mission and offices
- Status of all power plant projects**
- More Power Plant Information...**

At the bottom of the page, there is a section titled 'Latest Energy News and Activities' with the following links:

- » About Our Website Redesign Project (and Tips for Using our New Navigation)
- » **NEW** 2013 Building Energy Efficiency Standards (Facts, Frequently Asked Questions, Infographics, What Others Are Saying, and More)

Below the news section, there are portraits and names of key officials:

- Edmund G. Brown Jr.**, Office of Governor
- John Laird**, Natural Resources Agency
- Robert B. Weisenmiller**, Chair, California Energy Commission

How to Participate

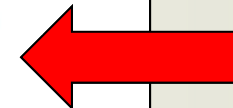
Power Plant Licensing Cases Under Review

Directory and Status of Projects

- » ALPHABETICAL LISTING OF ALL PROJECTS
- » STATUS OF ALL PROJECTS

Projects

- » Abengoa Mojave Solar Project
- » Almond 2 Power Project
- » Avenal Energy Project
- » Beacon Solar Energy Project
- » Black Rock Geothermal Major Amendment
- » Blythe Solar Power Project
- » Calico Solar Project
- » Canyon Power Plant
- » Carlsbad Energy Center
- » El Centro - Unit 3 Repower
- » El Segundo
- » Genesis Solar Energy Project
- » Hanford Combined-Cycle Power Plant Amendment
- » Henrietta Combined-Cycle Power Plant Amendment
- » Hidden Hills Solar Electric Generating System
- » Huntington Beach Energy Project
- » Hydrogen Energy California
- » Ivanpah Solar
- » Lodi Energy Center
- » Mariposa Power Project
- » Marsh Landing Generating Station
- » Oakley Generating Station (Formerly Contra Costa)
- » Palen Solar Power Project
- » Palmdale Solar-Gas Hybrid
- » Pio Pico Energy Center
- » Quail Brush Generating Project
- » Redondo Beach Energy Project
- » Rice Solar Energy Project
- » Ridgecrest Solar Power Project
- » Rio Mesa
- » Russell City Amendments #1, 2, & 3
- » San Gabriel Generating Station
- » Santa Clara SC-1 Data Center, Phase 2
- » Sentinel Energy Project
- » Sun Valley Energy Project
- » Tracy Combined Cycle Power Plant
- » Vaca Station - CPV Vaca-Station
- » Victorville 2 Hybrid
- » Walnut Creek Energy Park
- » Watson Cogeneration Project
- » Willow Pass Generating Station



How to Participate

Instructions for e-commenting

1. Go to Redondo Beach project web page:
http://www.energy.ca.gov/sitingcases/redondo_beach/
2. Click on "Comment on this Proceeding" at top of page.
3. Fill out contact information. Comment title should be "Jane Doe's Comment re _____."
4. Either type comments into "Comment Text" field or upload document.
5. Enter CAPTCHA and click on "Agree and Submit your Comments".
6. You will receive a notice via email that comment has been docketed. Email will provide a link to your docketed comment.



Contact

Blake Roberts, Assistant Public Adviser

Phone (916) 654-4489

Toll Free (800) 822-6228

Fax (916) 654-4493

Mailing 1516 Ninth St, MS-12

Sacramento CA 95814-2950

Email publicadviser@energy.ca.gov

Website www.energy.ca.gov/public_adviser

Sources of Information

- ❖ **The Application for Certification (AFC) is available for public review at the following libraries:**
 - **Redondo Beach Public Library; Hermosa Beach Public Library; Katy Geissert Civic Center Library; Manhattan Branch Library; and Rancho Palos Verdes Estates Public Library**
 - **Copies 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, Fresno, Los Angeles, and San Diego.**
 - **The AFC is available on-line at:**
http://www.energy.ca.gov/sitingcases/redondo_beach/documents/applicant/AFC/



Sources of Information

- ❖ All project documents are available for public review at:
 - ✓ Energy Commission Web site:
http://www.energy.ca.gov/sitingcases/redo_ndo_beach/
 - ✓ Dockets Unit at the Energy Commission
1516 9th Street, MS - 4
Sacramento, CA 95814-5512



Energy Commission Contacts

❖ Committee

- Commissioner Karen Douglas, *Presiding Member*
- Commissioner Janea Scott, *Associate Member*

❖ Hearing Officer

- Susan Cochran, Hearing Officer
(916) 654-3965, e-mail: susan.cochran@energy.ca.gov

❖ Commission Staff

- Patricia Kelly, Siting Project Manager
(916) 654-4063, e-mail: patricia.kelly@energy.ca.gov

❖ Public Adviser's Office

- Alana Mathews/Blake Roberts
(916) 654-4489 or (800) 822-6228
e-mail: PublicAdviser@energy.ca.gov

