

CALIFORNIA ENERGY COMMISSION

SITE VISIT, ENVIRONMENTAL SCOPING MEETING AND INFORMATIONAL HEARING
HUNTINGTON BEACH ENERGY PROJECT 12-AFC-02



California Energy Commission

DOCKETED
08-AFC-02

TN # 67113

SEP 13 2012



Purpose of Today's Proceedings

- ❖ This Informational Hearing, Environmental Scoping Meeting and Site Visit is to inform members of the public about the proposed project and the Energy Commission's siting process.
 - **Huntington Beach Energy Project**
 - **939-megawatt natural gas-fired, combined-cycle, air-cooled power plant**
 - **Proposed for the site of the existing Huntington Beach Generating Station, which will be demolished**
 - **The site is 28.6-acres located at Newland Street and the Pacific Coast Highway in the City of Huntington Beach**
- ❖ You will be able to learn about the proposed project, ask questions and provide comments.
- ❖ The information will assist the Committee in determining what environmental issues may arise.
- ❖ 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

5:00 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

6:00 p.m. 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 project.
- ❖ There are five members of the Energy Commission. The Commission has appointed Commissioners McAllister (Presiding Committee Member) and Douglas (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 amend the proposed project.



EX PARTE RULE

- All decisions made in this case will be made solely on the basis of the public record.
- No off-the-record contacts concerning substantive matters are permitted to take place between interested parties and the Commissioners, their advisors, this Committee, or the Hearing Officer.



EX PARTE RULE

- 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.
- Purpose: to provide full disclosure to all participants of any information that may be used as a basis for the future Decision on this project.



Pause for 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 project proposal (AFC) complies with Laws, Ordinances, Regulations, Standards (LORS)
- ❖ Conduct engineering and environmental 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 local, state and other federal agencies, for example:
 - Local: City of Huntington Beach
 - Regional: Orange County, South Coast Air Quality Management District , Regional Water Quality Control Board
 - State: Department of Fish and Game, Coastal Commission, State Parks, Cal ISO, Department of Toxic Substances Control
 - Federal: Environmental Protection Agency, Fish and Wildlife Service



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 LORS
 - Recommends conditions of certification
 - Recommends whether or not to approve the project
- ❖ **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 and closure**



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

- ❖ Alternatives
- ❖ Transmission System Engineering
- ❖ Waste Management
- ❖ California Coastal Commission Issues



Potential Issue -Alternatives-

- ❖ CEQA requires staff to analyze a reasonable range of alternatives to the project or to the location of the project.
- ❖ Public Resources code 25540.6 (b) states that a discussion of site alternatives is not required in an AFC for projects at existing industrial sites if the Commission finds that the project has a strong relationship to the existing site.
- ❖ Staff's preliminary review indicates the AFC meets the intent of PRC 25540.6(b) and requests Committee confirmation of this approach.
- ❖ Staff has determined that alternative locations would not likely be feasible.



Potential Issue

-Transmission System Engineering-

- ❖ The California ISO Phase I Interconnection Study will not be available for staff to review until January 30, 2013. The California ISO Phase II Interconnection Study will not be available until November 22, 2013.
- ❖ Although the Phase I Interconnection Study will be available for staff review prior to the Preliminary Staff Assessment proposed to be published in March 2013, the Phase II Interconnection Study will not be available for staff's review before the Final Staff Assessment proposed for publication in May 2013.
- ❖ If a study shows the project would cause any transmission line overloads and require new downstream transmission facilities, a general CEQA analysis will be required.
- ❖ Staff's analysis of potential upgrades could cause a delay in the licensing process.



Potential Issue

-Waste Management-

- ❖ The HBEP is proposed to be built on a site currently occupied by the Huntington Beach Generating Station. Demolition of existing facilities for the new project development will generate significant hazardous wastes. The extent of contamination is not currently defined.
- ❖ Soil sampling, characterization, and possibly remediation will require coordination with the Department of Toxic Substance Control and the Regional Water Quality Control Board.
- ❖ Coordination with these agencies to ensure the site is appropriately characterized and remediated could impact the project schedule.



Potential Issue

-California Coastal Commission-

- ❖ An alternatives analysis needs to be completed to determine if an alternative site layout is feasible in order to reduce possible noise impacts on nearby receptors.
- ❖ Other projects have been identified for development near the project site, so a comprehensive analysis on cumulative impacts needs to be completed.



Staff's Proposed Schedule

ENERGY COMMISSION STAFF'S PROPOSED SCHEDULE

HUNTINGTON BEACH ENERGY PROJECT (12-AFC-02)

	ACTIVITY	Calendar Day
1	Application for Certification determined to be "Data Adequate" at Commission Business Meeting	08-09-12
2	Staff files Issues Identification Report	08-31-12
3	Information hearing and site visit	09-10-12
4	Staff files 1st Round Data Requests	09-17-12
5	Applicant files Data Responses	10-17-12
6	Data response and issue resolution workshop	10-22-12
7	Staff files data requests (round 2, if necessary)	11-02-12
8	Applicant provides data responses (round 2, if necessary)	12-03-12
9	Data response and issue resolution workshop (round 2)	12-06-12
10	Applicant submits supplemental information resulting from workshop	01-11-13
11	SCAQMD issues Preliminary Determination of Compliance (PDOC)	01-22-13
12	Preliminary Staff Assessment filed	03-01-13
13	Preliminary Staff Assessment workshop	03-15-13
14	SCAQMD issues Final Determination of Compliance (FDOC)	03-22-13
15	Comments on PSA are due	04-02-13
16	Final Staff Assessment filed	05-01-13
17	Prehearing Conference*	TBD
18	Evidentiary hearings*	TBD
19	Committee files Presiding Member's Proposed Decision (PMPD)*	TBD
20	Hearing on the PMPD*	TBD
21	Committee files errata or revised PMPD (if necessary)*	TBD
22	Commission issues final Decision	TBD
*Items 17 thru 22 are scheduled by the Committee		



Post-Licensing Project Compliance Oversight

- If the project is approved:
 - The Compliance phase would apply during construction, operation & decommissioning
 - Purpose: To assure compliance with all Conditions of Certification, applicable LORS and building codes
 - Compliance Project Manager (CPM) – provides oversight of construction and operation.



Huntington Beach Energy Project
Docket No. 12-AFC-02

Informational Hearing and Site Visit

Jennifer Jennings

Public Adviser

September 10, 2012



CALIFORNIA
ENERGY COMMISSION



What's a Public Adviser?

At the Commission

The Public Adviser is independently appointed attorney who:

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

Outreach--Public Adviser

Notice of Informational Hearing and Site Visit :

- City and County officials from the area
- Native American officials and members
- Broad categories:
 - Public members who have contacted our office; city and county civic leaders; local non-profit groups (community, environmental, ethnic organizations); public and private schools; hospitals, law enforcement; emergency personnel and community organizations.*
- Paid local newspaper advertisement
- Local Libraries
- Local TV and radio contacted

Two Levels of Public Participation

Informal Participation

First level -- Public Comments are Easiest

- *Verbal Comments at Public Meetings: via Blue Cards*
- *Written Comments or Statements to the Commission Dockets Unit*
dockets@energy.ca.gov

And

- *Considered by the Commissioners*
- *Part of the record*

But

- *Not considered evidence and cannot be the sole basis of a decision*

Two Levels of Public Participation

Formal Participation (Intervenor)

Second level -- Intervening is more involved

- *Anyone may file a Petition to Intervene in a Commission proceeding*
- *The Petition is considered by the assigned committee*
- *If approved, you become a party to this proceeding*
- **Intervenors can present evidence at the hearings and question the staff and applicant's witnesses**

and

- *You do not have to be or have an attorney to intervene*

and

- *The Public Adviser's Office is here to help you file a Petition to Intervene and navigate the entire process.*

NOTE: It is important to intervene early in a case to be most effective.

How to Participate

Things to Do

- **Sign-Up on the List Server to receive notice of upcoming events**
- **Submit written comments**
- **Provide oral comments**
- **Attend public project events**

In person or by WebEx or conference call

Non-English Speaking Welcome

Special Accommodations for Persons With Disabilities

Lourdes Quiroz (916) 654-5146, lquiroz@energy.state.ca.us

How to Participate

www.energy.ca.gov

CA.gov | Contact Us | Accessibility | Quick Links

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HOME | ABOUT US | EFFICIENCY | FUNDING | **POWER PLANTS** | SEARCH | TRANSPORTATION

Search This Site California

- 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...**

Latest Energy News and Activities

- » 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)

Edmund G. Brown Jr.
Office of Governor

John Laird
Natural Resources Agency

Robert B. Weisenmiller
Chair, California Energy Commission

How to Participate

Home » newnav » power plant links

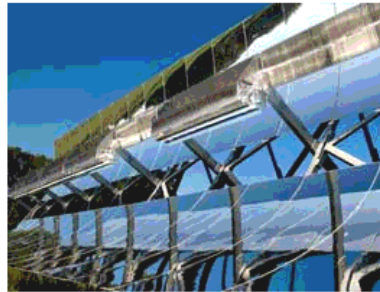
Power Plant Licensing Cases Under Review

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 Dry Cooling Amendment
- » 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
- » Rice Solar Energy Project
- » Ridgecrest Solar Power Project
- » Rio Mesa
- » Russell City Amendment # 2
- » 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

Huntington Beach Energy Project - Docket # 2012-AFC-02

http://www.energy.ca.gov/sitingcases/huntington_beach_energy/index.html

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Huntington Beach Energy Project

Docket Number: 2012-AFC-02 (Application For Certification)

Committee Overseeing This Case:

Andrew McAllister, Commissioner Presiding Member
Karen Douglas, Commissioner Associate Member

Hearing Officer: Raoul Renaud

Key Dates

- 6/27/2012 - Application for Certification (AFC) filed
- 8/09/2012 - Commission accepts AFC as "data adequate."

GENERAL DESCRIPTION OF PROJECT

On June 27, 2012 AES Corporation submitted an Application for Certification (AFC) to the California Energy Commission seeking permission to construct and operate a power generation facility, the Huntington Beach Energy Project (HBEP), located in the City of Huntington Beach just north of the intersection of the Pacific Coast Highway and Newland Street. The project will be located entirely within the footprint of the existing Huntington Beach Generating Station, an operating power plant.

The HBEP is a proposed natural-gas fired, combined-cycle, air-cooled, 939-megawatt (MW) electrical generating facility that will replace the AES Huntington Beach Generating Station. HBEP will consist of two independently operating, three-on-one, combined-cycle gas turbine power blocks. Each power block will consist of three-gas-fired combustion turbine generators (CTG), three supplemental fired heat recovery steam generators (HRSG), one steam turbine generator (STG), an air-cooled condenser, and related ancillary equipment. Other equipment and facilities to be constructed and shared by both power

Calendar

September 10, 2012

Huntington Beach Energy Project Public Site Visit, Environmental Scoping Meeting and Informational Hearing

List Server

To sign up for this project's e-mail ListServer, please enter the following information completely:

Enter first name
Enter last name
Enter your e-mail

You will receive an e-mail to confirm your subscription.

Send Reset





Contact

Jennifer Jennings, Public Adviser

(916) 654-4489

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Energy Commission Contacts

❖ Committee

- Commissioner, Andrew McAllister, *Presiding Member*
- Commissioner, Karen Douglas, *Associate Member*

❖ Hearing Officer

- Raoul Renaud, Commission's Hearing Officer
(916) 651-2020, e-mail: rrenaud@energy.ca.gov

❖ Commission Staff

- Felicia Miller, Project Manager
(916) 654-4640 e-mail: felicia.miller@energy.ca.gov

❖ Public Adviser's Office

- Jennifer Jennings
(916) 653-5898 or (800) 822-6228
e-mail: PublicAdviser@energy.ca.gov



Public Participation and Sources of Information

❖ Open Public Process

- ✓ Workshops/Hearings are noticed at least 10 days in advance
- ✓ Mailing lists
- ✓ List Server: www.energy.ca.gov/listservers

❖ The Application for Certification is available for public review at the following libraries:

- ✓ Central Library in Huntington Beach, Donald Dugan Library and Mesa Verde Library in Costa Mesa, Fountain Valley Library, Mary Wilson Library in Seal Beach, Orange County Library in Santa Ana

❖ All project documents are available for public review at:

- ✓ Energy Commission Web site:
http://www.energy.ca.gov/sitingcases/huntington_beach_energy/index.html
- ✓ Dockets Unit at the Energy Commission
1516 9th Street, MS - 4
Sacramento, CA 95814-5512



Public Questions and Comments

- ❖ Public Questions and or Comments
- ❖ Closing Comments from Commissioners

