

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
Sacramento, California 95814

Main website: [www.energy.ca.gov](http://www.energy.ca.gov)



**Notice of Staff Workshop for the  
HYDROGEN ENERGY CALIFORNIA,  
AMENDED APPLICATION FOR CERTIFICATION  
(08-AFC-8A)**

The California Energy Commission staff will conduct a water supply issues resolution workshop for the proposed Hydrogen Energy California (HECA) project. All interested parties, agencies and members of the public are invited to participate in the workshop, which will be held:

**WEDNESDAY, February 20, 2013  
1:00 PM**

**California Energy Commission  
Hearing Room B  
1516 9<sup>th</sup> Street  
Sacramento, CA 95814**

California Energy Commission <b>DOCKETED</b> <b>08-AFC-8A</b>
TN # 69387 FEB. 05 2013

WebEx Call-in toll-free number: **1-866-469-3239**  
(Access code: **929 191 669**)  
(Meeting Password: **meeting@1**)

**(please see attached instructions for WebEx access)**

**PURPOSE**

The purpose of the workshop is to allow staff, the applicant, intervenors, interested agencies, and the public to discuss water supply issues related to the HECA Amended Application for Certification, filed on May 2, 2012. The applicant proposes to utilize up to 7,500 acre-feet per year (afy) of brackish ground water, to be supplied through the Buena Vista Water Storage District (BVWSD), for use as cooling and process water at HECA. Energy Commission staff have identified water supply issues that require additional discussion and clarification prior to completing their water supply analysis. The issues resolution workshop is intended to clarify and discuss possible alternatives and mitigation strategies for the proposed water supply plan.

**BACKGROUND**

On May 2, 2012, the new HECA owner, SCS Energy, LLC, submitted an Amended Application for Certification (08-AFC-8A) reflecting several changes to the original project design. The new project features did not change the water supply source from what was originally proposed under the 08-AFC-08 application.

## PROJECT DESCRIPTION

The applicant proposes to construct and operate an integrated gasification combined cycle (IGCC) power generating facility called Hydrogen Energy California (HECA). The proposed HECA power generating facility would gasify blends of 75 percent western coal and 25 percent petroleum coke from California refineries to produce hydrogen to fuel a combustion turbine operating in combined cycle mode. The amended project incorporates a proposed manufacturing complex that would produce urea in both liquid and pellet form, and other byproducts for agricultural uses. The combined cycle power block would generate approximately 405 MW of gross power and would provide a nominal 300-megawatts of electricity to the grid.

The gasification block would also capture approximately 90 percent of the carbon dioxide (CO<sub>2</sub>) from the raw syngas (the direct end of the gasification process) at steady-state operation. The captured CO<sub>2</sub> would be transported via pipeline to a custody transfer point at Occidental Petroleum's Elk Hills Oil Field for use in a planned enhanced oil recovery (EOR) process that would result in CO<sub>2</sub> sequestration. All documents associated with evaluation of the HECA may be found on the project web page using the link provided below. Staff will use information obtained from the workshop discussions in the preparation of its preliminary staff assessment of the project.

## PARTICIPATION

Please direct your technical or project schedule questions to Robert Worl, Energy Commission Project Manager, at (916) 651-8853, or by e-mail at [robert.worl@energy.ca.gov](mailto:robert.worl@energy.ca.gov). If you desire information on participating in the Energy Commission's review of the project, please contact the Energy Commission Public Adviser's Office, at (916) 654-4489 or toll free in California, at (800) 822-6228. The Public Adviser's Office can also be contacted via email at [publicadviser@energy.ca.gov](mailto:publicadviser@energy.ca.gov).

If you have a disability and require assistance to participate, please contact Lou Quiroz at (916) 654-5146 at least five days in advance.

If you wish to provide written comments on the project, please submit comments to the Energy Commission Dockets Unit. Please include the docket number 08-AFC-08A for the HECA project in the subject line or first paragraph of your comments. If you wish to submit comments electronically, please provide them in either Microsoft Word format or as a Portable Document Format (PDF) to [docket@energy.ca.gov](mailto:docket@energy.ca.gov). Please include your name or organization's name in the file name. If you are preparing non-electronic written comments, please mail or hand deliver them to:

California Energy Commission  
Dockets Unit, MS-4  
Docket No. 08-AFC-08A  
1516 Ninth Street  
Sacramento, CA 95814-5512

All written comments and materials filed with the Dockets Unit will become a part of the public record of the proceeding. Additionally, comments may be posted on the project website.

If you are unable to attend the workshop, written comments may be sent per the instructions above. 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 email list, you will receive all project related notices and documents pertaining to the project's evaluation and review.

News media inquiries should be directed to the media office at (916) 654-4989 or via email at [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov). The status of the proposed project, copies of notices, an electronic version of the AFC, and other relevant documents are also available on the Energy Commission's web site:

<http://www.energy.ca.gov/sitingcases/hydrogenenergy/index.html>.

Date: 2/5/13



ROGER E. JOHNSON, Deputy Director  
Siting, Transmission & Environmental  
Protection Division

cc: Docket (08-AFC-8A)  
Proof of Service List  
Property Owner List No. 7323  
Agency List No. 7324  
Library List No. 7325

ENERGY COMMISSION STAFF  
WATER RESOURCES ISSUES RESOLUTION WORKSHOP  
HYDROGEN ENERGY CALIFORNIA  
(08-AFC-8A)

WEDNESDAY, February 20, 2013  
1:00 PM

California Energy Commission  
Hearing Room B (1<sup>st</sup> floor)  
1516 9<sup>th</sup> Street  
Sacramento, CA 95814

WebEx Call-in toll-free number: 1-866-469-3239  
(Access code: 929 191 669)  
(Meeting Password: meeting@1)

(please see attached instructions for WebEx)



REMOTE ATTENDANCE FOR THE  
**HECA Staff Workshop on February 20, 2013**

You may participate in this workshop through WebEx, the Energy Commission's online meeting service. Presentations will appear on your computer screen, and you may listen to audio via your computer or telephone. Please be aware that the meeting may be recorded.

**1. COMPUTER LOG-ON WITH A DIRECT PHONE NUMBER:**

- Please go to <https://energy.webex.com> and enter: 929 191 669
- When prompted, enter your information and meeting@1

After you login, a prompt will appear on-screen for you to provide **your** phone number. In the **Number box**, type your area code and phone number and click **OK**.

**You will receive a call back on your phone for the audio portion of the meeting.**

**2. COMPUTER LOG-ON FOR CALLERS WITH AN EXTENSION PHONE NUMBER, ETC:**

- Please go to <https://energy.webex.com> and enter: : 929 191 669 and meeting@1
- After you login, a prompt will ask for your phone number. Click "**CANCEL**."
- Instead call 1-866-469-3239. When prompted, enter: 929 191 669 and your unique Attendee ID number which is listed in the top left area of your computer screen after you login.

**3. TELEPHONE ONLY (NO COMPUTER ACCESS):**

- Call 1-866-469-3239 and when prompted enter: 929 191 669

If you have difficulty joining the meeting, please call the WebEx Technical Support number at **1-866-229-3239**. To see if your computer is compatible, visit [<http://support.webex.com/support/systemrequirements.html>]. Please be aware that the meeting's WebEx audio and on-screen activity may be recorded.



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

**AMENDED APPLICATION FOR CERTIFICATION  
FOR THE HYDROGEN ENERGY  
CALIFORNIA PROJECT**

**Docket No. 08-AFC-08A  
PROOF OF SERVICE  
(Revised 12/24/12)**

**SERVICE LIST:**

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**INTERESTED AGENCIES**

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Department of Conservation  
Office of Governmental and  
Environmental Relations  
(Department of Oil, Gas &  
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PUBLIC ADVISER**

Jennifer Jennings  
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**COMMISSION DOCKET UNIT**

CALIFORNIA ENERGY  
COMMISSION – DOCKET UNIT  
Attn: Docket No. 12-CAI-04  
1516 Ninth Street, MS-4  
Sacramento, CA 95814-5512  
docket@energy.ca.gov

\*Indicates Change

**OTHER ENERGY COMMISSION  
PARTICIPANTS (LISTED FOR  
CONVENIENCE ONLY):**

***After docketing, the Docket Unit  
will provide a copy to the persons  
listed below. Do not send copies of  
documents to these persons  
unless specifically directed to do  
so.***

KAREN DOUGLAS  
Commissioner and Presiding Member

ANDREW McALLISTER  
Commissioner and Associate Member

Raoul Renaud  
Hearing Adviser

Eileen Allen  
Commissioners' Technical  
Adviser for Facility Siting

Galen Lemei  
Adviser to Presiding Member

Jennifer Nelson  
Adviser to Presiding Member

David Hungerford  
Adviser to Associate Member

Patrick Saxton  
Adviser to Associate Member

Robert Worl  
Project Manager

John Heiser  
Associate Project Manager

Lisa DeCarlo  
Staff Counsel

DECLARATION OF SERVICE

I, Diane L. Scott, declare that on, February 5, 2013, I served and filed copies of the attached **Notice of Staff Workshop for the HYDROGEN ENERGY CALIFORNIA, AMENDED APPLICATION FOR CERTIFICATION (08-AFC-08A)**, dated February 5, 2013. This document is accompanied by the most recent Proof of Service, which I copied from the web page for this project at: [http://www.energy.ca.gov/sitingcases/hydrogen\\_energy/index.html](http://www.energy.ca.gov/sitingcases/hydrogen_energy/index.html).

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

**(Check one)**

**For service to all other parties and filing with the Docket Unit at the Energy Commission:**

- I e-mailed the document to all e-mail addresses on the Service List above and personally delivered it or deposited it in the US mail with first class postage to those parties noted above as "hard copy required"; **OR**
- Instead of e-mailing the document, I personally delivered it or deposited it in the US mail with first class postage to all of the persons on the Service List for whom a mailing address is given.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am over the age of 18 years.

Dated: February 5, 2013

  
Diane L. Scott, *Project Assistant*  
Siting, Transmission and Environmental Protection Division