

DOCKETED

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Project Title:	Hydrogen Energy Center Application for Certification Amendment
TN #:	201081
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CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: 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 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, November 13, 2013
11:00 AM**

**California Energy Commission
3rd Floor Conference Room
1516 9th Street
Sacramento, CA 95814**

**WebEx Call-in toll-free number: 1-866-469-3239
(Access code: 922 909 748)
(Meeting Password: HECA@11AM)**

(please see attached instructions for WebEx access)

PURPOSE

The purpose of the workshop is to allow staff, the applicant, intervenors, interested parties, agencies, and the public the opportunity to discuss the project's proposed carbon sequestration and greenhouse gas emissions, including compliance with SB 1368 (Perata, Stats. 2006, Ch. 598, §2).

In evaluating an application for certification of a proposed power plant, the Energy Commission must determine whether the project would conform with all applicable laws, ordinances, regulations, and standards. In the Preliminary Staff Assessment/Draft Environmental Impact Statement (PSA/DEIS) (TN 71444), chapter on Carbon Sequestration and Greenhouse Gas Emissions, that may be found on the project web page at <http://www.energy.ca.gov/2013publications/CEC-700-2013-001/CEC-700-2013-001-PSA.pdf>. Energy Commission staff describe how they believe the project should be evaluated for compliance with the Emission Performance Standard implemented in response to SB 1368, assuming that the power from HECA would be sold to a California investor-owned utility or publicly owned utility. Figure 1 in that chapter outlines the facility's scope as proposed by the applicant, and as evaluated in the PSA/DEIS by Energy Commission staff. However, the applicant disagrees with staff's evaluation.

The applicant has prepared a “white paper” (TN 201026) that may be found on the project web page at http://docketpublic.energy.ca.gov/PublicDocuments/08-AFC-08A/TN201026_20131023T153106_Letter_from_Michael_Carroll_to_Robert_Oglesby_re_Senate_Bill_13.pdf, describing how they believe the project should be evaluated for SB 1368 compliance. The purpose of the November 13 workshop is to discuss the two differing views in an effort to see where the staff and applicant can reach agreement.

Additionally, this workshop will address the applicant’s comments on the Carbon Sequestration and Greenhouse Gas Emissions section of the PSA/DEIS (TN 200768). The discussion will include questions that Energy Commission staff has regarding the applicant’s Project Refinements document (TN 200948) that may be found on the project web page at http://docketpublic.energy.ca.gov/PublicDocuments/08-AFC-08A/TN200948_20131018T135205_Project_Refinements.pdf

BACKGROUND

On May 2, 2012, SCS Energy, LLC, submitted an Amended Application for Certification (08-AFC-8A) for Hydrogen Energy California. Energy Commission and US Department of Energy (DOE) will use the information obtained from the workshop discussions to prepare its Final Staff Assessment/Final Environmental Impact Statement for the project.

PROJECT DESCRIPTION

The proposed HECA power generating facility would gasify blends of 75 percent western sub-bituminous coal and 25 percent petroleum coke from California refineries to produce hydrogen gas to fuel a combustion turbine operating with a steam turbine in combined-cycle mode. Liquid oxygen and nitrogen would be produced in an air separation unit and supplied to the gasification unit, the combustion turbine, sulfur recovery unit, and other process components of HECA. The project incorporates a proposed manufacturing complex that would produce urea in both liquid and pellet form for agricultural uses. The combined cycle power block would generate between 405 and 431 MW gross electrical power.

The gasification block would also capture approximately 90 percent of the carbon from the raw syngas (the direct end of the gasification process) at steady-state operation, which would be compressed and transported via pipeline to a custody transfer point at the Elk Hills Oil Field for carbon dioxide (CO₂) enhanced oil recovery (EOR) and sequestration.

PARTICIPATION

Please direct your technical or project schedule questions to John Heiser, Energy Commission Project Manager, at (916) 653-8236, or by e-mail at John.Heiser@energy.ca.gov.

If you would like 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. News media inquiries should be directed to the media office at (916) 654-4989 or via email at mediaoffice@energy.ca.gov.

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

Agencies and members of the public who wish to provide comments on the project to the Energy Commission are asked to submit their comments using the Energy Commission's e-commenting feature by going to the Energy Commission's HECA webpage http://www.energy.ca.gov/sitingcases/hydrogen_energy/index.html, and clicking on the "Submit e-Comment" link. A full name, e-mail address, comment title, and either a comment or an attached document (in the .doc, docx, or .pdf format) are mandatory. After entering a response to the test used by the system to ensure that responses are generated by a human user and not a computer, click on the "Agree & Submit Your Comment" button to submit the comment to the Energy Commission Dockets Unit. Written comments may also be mailed or hand delivered to:

California Energy Commission
Dockets Unit, MS-4
Docket No. (08-AFC-8A)
1516 Ninth Street
Sacramento, CA 95814-5512

All comments and materials filed with the Dockets Unit will become part of the public record of the proceeding. Additionally, your comments will be posted on the Energy Commission's HECA webpage.

If you are unable to attend the workshop, written comments may be sent per the instructions above.

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/hydrogen_energy/index.html

Date: 10/30/13

Original Signed By:

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

cc: Docket (08-AFC-08A)
Proof of Service List
General List No. 7322
Property Owner List No. 7323
Agency List No. 7324
Library List No. 7325
HECA List Serve

**ENERGY COMMISSION STAFF WORKSHOP
HYDROGEN ENERGY CALIFORNIA
(08-AFC-8A)**

**WEDNESDAY, November 13, 2013
11:00 AM**

**California Energy Commission
3rd Floor Conference Room
1516 9th Street
Sacramento, CA 95814**

(please see attached instructions for WebEx)



REMOTE ATTENDANCE FOR THE
HECA Staff Workshop on November 13, 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: **922 909 748**
- When prompted, enter your information and **HECA@11AM**

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: **922 909 748** and **HECA@11AM**
- After you login, a prompt will ask for your phone number. Click **"CANCEL."**
- Instead call **1-866-469-3239**. When prompted, enter: **922 909 748** 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: **922 909 748**

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.