

DOCKETED	
Docket Number:	17-HYD-01
Project Title:	Renewable Hydrogen Transportation Fuel Production
TN #:	225080
Document Title:	Notice of Webinar on Renewable Hydrogen Generation Plant Deployment Roadmap
Description:	N/A
Filer:	Jessica Martinez
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	10/25/2018 10:04:30 AM
Docketed Date:	10/25/2018

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: www.energy.ca.gov



In the matter of:)	Docket No. 17-HYD-01
)	
Renewable Hydrogen Generation Plant)	NOTICE OF WEBINAR
Deployment Roadmap)	Renewable Hydrogen
)	Generation Plant
)	Deployment Roadmap

Notice of Webinar on Renewable Hydrogen Generation Plant Deployment Roadmap

The California Energy Commission's Fuels and Transportation Division will conduct a public webinar with the Advanced Power and Energy Program (APEP) at the University of California, Irvine (UCI) to report on the initial steps of the California Renewable Hydrogen Generation Plant Deployment Roadmap (Roadmap).

The Energy Commission is seeking input from stakeholders to inform the Roadmap.

The workshop will be held on:

November 13, 2018

1:00 p.m.

Remote Access by Computer or Phone via WebEx™ (Instructions below)

Background

Senate Bill 1505 (Lowenthal, Chapter 877, Statutes of 2006) requires hydrogen refueling stations operating in California to dispense 33.3 percent renewable hydrogen. Hydrogen refueling stations receiving state funds must meet the requirement today as provided for in SB 1505. SB 1505 contributes to the reduction of greenhouse gas, criteria air pollutant, and toxic air contaminant emissions through the increased use of renewable hydrogen.

According to the California Air Resources Board's 2016 Annual Evaluation of Hydrogen Fuel Cell Electric Vehicle Deployment and Hydrogen Fuel Station Network Development, the demand for renewable hydrogen is projected to reach 7,400 kg/day by 2022 for current and projected stations. However, in the "business-as-usual"

scenario of 180 kg/day station capacity, 5,500 kg/day will be needed by 2022 to meet the 33.3 percent renewable requirement based on station throughput and the projected delivery of stations. Therefore, California will need between 5,500 and 7,400 kg/day soon. Some station developers informed Energy Commission staff that their mission is to dispense more renewable hydrogen, meaning even more sources for renewable hydrogen may be necessary.

Under Agreement 600-17-008, the Energy Commission contracted with UCI to conduct a one-year research study to establish a roadmap for the development of renewable hydrogen generation facilities in California. This webinar will report on the initial steps that UCI has conducted on the Roadmap, including information about the current and projected cost and performance of renewable hydrogen production technologies including electrolysis, organic conversion via anaerobic digestion and gasification as well as associated processes, such as gas conditioning and reformation, feedstock availability, and cost and siting requirements for each production technology.

The goal of this webinar is for hydrogen industry stakeholders to hear about UCI's completed work and to discuss ideas for technological improvements the future may bring for renewable hydrogen generation plants. The results of this webinar will provide: (1) immediate insight into the size, location, technology, costs, input feedstocks, and distribution resources required for the early FCEV market; and (2) a plan for the roll-out of production facilities to full build-out to support the mature FCEV market and to meet the goals of SB 1505. The Roadmap will incorporate lessons learned from industry initiatives and projects to develop renewable hydrogen production facilities in California.

Public Comment

Oral comments will be accepted during the workshop. Comments may be limited to three minutes per speaker and any comments will become part of the public record in this proceeding.

Written comments should be submitted by 5:00 p.m. **November 30, 2018**. Please submit comments to the Energy Commission using the e-commenting feature by accessing the Commission's TRANSPORTATION webpage, <http://www.energy.ca.gov/altfuels/2017-HYD-01/> and click on the "Submit eComment" link. A full name, e-mail address, comment title, and either a comment or an attached document (.doc, .docx, or .pdf format) is mandatory. After a challenge-response test is 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's Docket Unit.

Please note that written comments, attachments, and associated contact information included within the documents and attachments (e.g., your address, phone number, email address, etc.) become part of the viewable public record. This information may become available via Google, Yahoo and any other search engines.

Interested stakeholders are encouraged to use the electronic filing system described above to submit comments. If you are unable to submit electronically, a paper copy of your comments may be sent to:

California Energy Commission
Docket Unit, MS-4
Re: Docket No. 17-HYD-01
1516 Ninth Street
Sacramento, CA 95814-5512

Or e-mail your comments to DOCKET@energy.ca.gov and indicate the proceeding title – “Renewable Hydrogen Generation Plant Deployment Roadmap, Docket No. 17-HYD-01” or the abbreviation “Roadmap RH2 17-HYD-01” in the subject line.

Public Adviser and Other Energy Commission Contacts

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission proceedings. If you want information on how to participate in this forum, please contact the Public Adviser, Alana Mathews, at PublicAdviser@energy.ca.gov or (916) 654-4489 or toll free at (800) 822-6228.

Media inquiries should be sent to the Media and Public Communications Office at mediaoffice@energy.ca.gov or (916) 654-4989. If you have questions on the subject matter of this meeting, please contact Akasha Kaur Khalsa at akasha.khalsa@energy.ca.gov or (916) 657-4854.

Remote Attendance

You may participate in this meeting 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.

To join a meeting:

VIA COMPUTER: Click the event address for attendees
<https://energy.webex.com/energy/onstage/g.php?MTID=e6ec0f7f621f1fb72746cb7d0df658a5c> or
<https://energy.webex.com> and enter the unique meeting number: **925 672 305** .

There is no password. When prompted, enter your name and email address.

The “Join Conference” menu will offer you a choice of audio connections:

1. To call into the meeting: Select "I will call in" and follow the on-screen

directions.

2. International Attendees: Click on the "Global call-in number" link.
3. To have WebEx call you: Enter your phone number and click "Call Me."
4. To listen over the computer: If you have a broadband connection, and a headset or a computer microphone and speakers, you may use VoIP (Internet audio) by going to the Audio menu, clicking on "Use Computer Headset," then "Call Using Computer."

VIA TELEPHONE ONLY (no visual presentation): Call 1-866-469-3239 (toll-free in the U.S. and Canada). When prompted, enter the unique meeting number:

925 672 305. International callers may select their number from

<https://energy.webex.com/energy/globalcallin.php>.

VIA MOBILE ACCESS: Access to WebEx meetings is now available from your mobile device. To download an app, go to www.webex.com/products/web-conferencing/mobile.html.

If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239.

Muting

We greatly appreciate your cooperation in reducing unwanted noise on the audio connection by muting your line when you are not speaking. Mute your line rather than placing your phone on hold. Using WebEx, you may mute yourself by right clicking on your name in the panelists or attendees list and selecting 'Mute.' If you are only using a telephone connection, press "*6" once to mute and again to unmute.

Availability of Documents

Documents and presentations for this meeting will be available online at:

<http://www.energy.ca.gov/altfuels/notices/index.html>.

November 2, 2018, at Sacramento, California

KEVIN BARKER

DEPUTY DIRECTOR

Mail Lists:

AltFuels; Bioenergy; Integrated Energy Policy Report;
Transportation; Diversity