

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: www.energy.ca.gov

California Energy Commission

DOCKETED

14-IEP-1B

TN 73035

MAY 21 2014



In the matter of,)

*2014 Integrated Energy Policy Report
Update (2014 IEPR Update)*)

Docket No. 14-IEP-1B)

WORKSHOP)

RE: California Statewide Plug-in
Vehicle Infrastructure Assessment)

Notice of Lead Commissioner Integrated Energy Policy Report Workshop on the California Statewide Plug-in Vehicle Infrastructure Assessment

The California Energy Commission Lead Commissioner on the 2014 *Integrated Energy Policy Report (IEPR) Update* will conduct a workshop to introduce and discuss the *California Statewide Plug-in Vehicle Infrastructure Assessment* that has been prepared by the National Renewable Energy Laboratory. The *Assessment* was prepared under the guidance of the California Energy Commission in accordance with the action item specified in the 2013 *ZEV Action Plan: A Roadmap Toward 1.5 Million Zero-Emission Vehicles on California Roadways by 2025*.

Commissioner Janea A. Scott and Commissioner Karen Douglas will be in attendance. Commissioner Scott is the Lead Commissioner for the *2014 IEPR Update* and the Lead Commissioner on Transportation. Other commissioners may attend and participate in the workshop.

The workshop will be held:

June 5, 2014

9:00 AM

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

First Floor, Hearing Room A

Sacramento, California

(Wheelchair Accessible)

Remote Access Available by Computer or Phone via WebEx™
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Agenda

This workshop will include a presentation from Dr. Marc Melaina, the lead author of the National Renewable Energy Laboratory's *California Statewide Plug-in Vehicle*

Infrastructure Assessment. Commissioner Scott and Energy Commission staff will then lead a panel discussion with interested stakeholders from government agencies, electric vehicle manufacturers, electric charging equipment developers, public interest groups, and academia. One theme of these discussions will be how the results from the NREL *Assessment* can be used for future planning and development of electric charging infrastructure in California. Participants will be asked to provide their perspectives on the types and locations of future charging infrastructure.

The goal of the workshop is to identify actions and strategies for the planning and deployment of electric vehicle chargers to support the rapid market growth and consumer acceptance of zero emission vehicles in California. Ongoing market growth is essential for meeting the state's goal of supporting one million zero emission vehicles with sufficient charging infrastructure by 2020 and enabling 1.5 million zero emission vehicles on California roadways by 2025.

Background

The NREL *Assessment* describes two possible future scenarios for potential charger preferences in support of the 2020 target. The first scenario is a Home Dominant scenario where electric vehicle owners charge their cars primarily at home during nighttime hours and supplement this primary charging event with charging at public stations, workplace stations, or fast charger stations along freeways and major corridors. The second scenario, the High Public Access scenario, depicts lower volumes of home charging, and higher instances of public charging using a much larger network of public, workplace and fast chargers. The NREL *Assessment* provides state-level quantitative estimates for the numbers and types of chargers needed in both scenarios to achieve the ZEV Mandate targets. These scenario results are not meant to be prescriptive. Rather, they are intended to illustrate a range of possible future scenarios for how electric vehicle charging equipment can be deployed in California to support the rapidly expanding ZEV markets.

The Energy Commission supports and develops policies that encourage the inclusion of clean low carbon transportation fuels and vehicle technologies as a means to helping attain California's air quality, climate, and energy goals. Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program. The statute, subsequently amended by Assembly Bill 109 (Núñez, Chapter 313, Statutes of 2008), authorizes the Energy Commission to develop and deploy alternative and renewable fuel and advanced transportation technologies to help attain the state's climate change policies. Assembly Bill 8 (Perea, Chapter 401, Statutes of 2013) extended the Alternative and Renewable Fuel and Vehicle Technology Program through January 1, 2024 and makes approximately \$100 million available annually to the Energy Commission to support projects that will help bring clean and efficient transportation fuels and technologies to market. By the end of 2023, the Energy Commission will have allocated approximately \$1.5 billion in advanced technology fuels, fueling infrastructure and vehicle technologies.

As required by Senate Bill 1389 (Bowen, Chapter 568, Statutes of 2002), the Energy Commission conducts “assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand and prices.” The Energy Commission uses these assessments and forecasts as the analytic foundation for developing energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state’s economy, and protect public health and safety. Developing energy policy recommendations about the most current and pressing energy issues facing the state requires an evaluation of potential trade-offs by an in-depth and integrated analysis which explicitly addresses inter-fuel and inter-market effects (Public Resources Code §25302(b)).

Public Comment

Oral Comments. The IEPR Lead Commissioner will accept oral comments during the workshop. Comments may be limited to three minutes per speaker. Any comments will become part of the public record in this proceeding.

Written Comments. Written comments should be submitted to the Dockets Unit by **June 9, 2014**. Written comments will also be accepted at the workshop; however, the Energy Commission may not have time to review them before the conclusion of the workshop. All written comments will become part of the public record of this proceeding. Additionally, written comments may be posted to the Energy Commission’s website for this proceeding.

The Energy Commission encourages comments by e-mail. Please include your name and any organization name. Comments should be in a downloadable, searchable format such as Microsoft® Word (.doc) or Adobe® Acrobat® (.pdf). Please include the docket number 14-IEP-1B and indicate “Alternative Financing Options for Advanced Technology Transportation Projects” in the subject line. Send comments to **docket@energy.ca.gov** and copy the technical lead staff at **Jim.McKinney@energy.ca.gov**.

If you prefer, you may send a paper copy of your comments to:

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 14-IEP-1B
1516 Ninth Street
Sacramento, CA 95814-5512

Public Adviser and Other 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 Alana Mathews, Public Adviser, at

(916) 654-4489 or toll free at (800) 822-6228, or by e-mail at PublicAdviser@energy.ca.gov.

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

Media inquiries should be sent to the Media and Public Communications Office at (916) 654-4989, or by e-mail at mediaoffice@energy.ca.gov.

If you have questions on the technical subject matter of this meeting, please contact Jim McKinney at (916) 654-3999 or by e-mail at Jim.McKinney@energy.ca.gov. For general questions regarding the IEPR proceeding, please contact Lynette Green, IEPR project manager, at (916) 653-2728 or by e-mail at Lynette.Green@energy.ca.gov.

The service list for the *2014 IEPR Update* is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website at www.energy.ca.gov/2014_energy_policy/index.html. When new information is posted, an e-mail will be sent to those on the energy policy e-mail list server. We encourage those who are interested in receiving these notices to sign up for the list server through the website at www.energy.ca.gov/listservers/index.html.

Remote Attendance

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

Availability of Documents

Any documents, agenda, and presentations for this meeting will be available online at www.energy.ca.gov/2014_energypolicy/documents/index.html by June 2.

Date: May 21, 2014



JANEA A. SCOTT
Lead Commissioner
2014 Integrated Energy Policy Report Update

Mail Lists: [energypolicy](#), [transportation](#), [altfuels](#)