CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
Sacramento, California 95814
Main website: www.energy.ca.gov

California Energy Commission
DOCKETED
14-IEP-1B
TN 73184
JUN 11 2014

In the matter of,	)	Docket No. 14-IEP-1B
	)	
2014 Integrated Energy Policy Report Update (2014 IEPR Update)	)	WORKSHOP
	)	RE: Transportation, Electricity, and
	)	Natural Gas

Notice of Lead Commissioner Workshop on Electric and Natural Gas Vehicles in California

The California Energy Commission Lead Commissioner on the Integrated Energy Policy Report (IEPR) will conduct a workshop to explore the use of electricity and natural gas as transportation fuels.

Commissioner Janea A. Scott, Chair Robert Weisenmiller, and Commissioner Karen Douglas will be in attendance. California Public Utilities Commission Commissioner Carla Peterman and California Independent System Operator President Steve Berberich will also 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 23, 2014
9:30 a.m.
CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
First Floor, Hearing Room A
Sacramento, California
(Wheelchair Accessible)

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

Agenda

The morning session will discuss the role of battery electric vehicles and smart charging on the grid, with presentations from the California Independent System Operator, the California Public Utilities Commission, utilities, and private industry. Topics will include

use of electric vehicles as electricity storage, vehicle to grid integration, as well as vehicle to grid projects, intelligent charging, and the role of electric utilities in managing the future integration of electric vehicles onto the grid. The afternoon will be devoted to a discussion about natural gas in the transportation sector and the development of the AB 1257 "Natural Gas Act" report. Amy Meyers-Jaffe, the Executive Director of Energy and Sustainability at the University of California, Davis, will provide an overview of natural gas supply and the natural gas market in North America. She will be followed by a presentation on fugitive methane emissions, and the existing and ongoing research measuring methane emissions.

Energy Commission staff will lead two panel discussions on the market for natural gas as a transportation fuel in California. Panelists will represent the supply side, retail side and end-use side of the natural gas vehicle industry. The first panel will focus on natural gas supply, and sales, and the second panel will focus on natural gas engines, trucks, and fleet use.

A variety of electric and natural gas vehicles will be displayed in front of the Commission during the lunch break and ride and drives will be available.

Background

The Energy Commission is providing co-funding for several Department of Defense (DOD) demonstrations assessing the value of using electric vehicle batteries to support grid operations in both Southern and Northern California. The DOD is working with California utilities to demonstrate the use of electric vehicle batteries in specific applications such as providing ancillary services to the grid, using these electric vehicles as demand response assets and applying smart charging procedures to support the real-time management of the grid. This workshop will review the status of these projects and other similar efforts being managed by the California utilities and private industry to assess how to minimize the impact and maximize the value of electric vehicles on the California grid.

Assembly Bill 1257 (Assemblymember Raul Bocanegra), "The Natural Gas Act" tasks the Energy Commission, beginning November 1, 2015 and every 4 years thereafter, to publish a report, concurrent with the preparation of the IEPR, that identifies strategies to maximize the benefits obtained from natural gas as an energy source. The bill identifies ten topics that must be addressed in the report, one of which is natural gas as a transportation fuel. Energy Commission staff is coordinating across divisions and with other state agencies to assemble an accurate picture of the natural gas vehicle industry in California and to identify gaps in the existing research or knowledge. The final AB 1257 report will help inform policy makers and decisions regarding state research and development funding.

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 **July 14, 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 "Lead Commissioner Workshop on Electric and Natural Gas Vehicles in California" in the subject line. Send comments to **docket@energy.ca.gov** and copy the technical lead staff at jim.mckinney@energy.ca.gov and silas.bauer@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 LQuiroz@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 call Jim McKinney, Program Manager - Alternative and Renewable Fuel and Vehicle

Technology Program, 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_energypolicy/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.

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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

Documents, agenda, and presentations for this meeting will be available online at www.energy.ca.gov/2014_energypolicy/documents/index.html by June 19.

Date: June 10, 2014

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

Mail Lists: energypolicy, naturalgas, electricity, altfuels