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

In the Matter of:	)	Docket No. 11-IEP-1L
	)	
Preparation of the	)	TRANSPORTATION COMMITTEE
2011 Integrated Energy Policy Report	)	WORKSHOP
(2011 IEPR)	)	RE: Transportation Energy Demand
	)	and Fuel Infrastructure
		Requirements

Transportation Committee Workshop on Transportation Energy Demand and Fuel Infrastructure Requirements

The California Energy Commission will conduct a Committee workshop to present draft transportation energy demand forecasts and fuel infrastructure needs assessments for the *2011 Integrated Energy Policy Report* (*IEPR*). The workshop is intended to receive comments and input from stakeholders. The Transportation Committee oversees the work on this subject, with Vice Chair James D. Boyd as the Presiding Member and Commissioner Carla Peterman as the Associate Member. Other Commissioners may attend and participate in this workshop. The workshop will be held:

FRIDAY, SEPTEMBER 9, 2011
9 a.m.
CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
First Floor, Hearing Room A
Sacramento, California
(Wheelchair Accessible)

Remote Attendance and Availability of Documents

Internet Webcast - Presentations and audio from this meeting will be broadcast via our WebEx web meeting service. For details on how to participate via WebEx, please see the "Remote Attendance" section toward the end of this notice.

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

[www.energy.ca.gov/2011_energypolicy/index.html]

Purpose

At this workshop, Energy Commission staff will present draft transportation energy forecasts for California and neighboring states, including relevant input assumptions for gasoline, diesel, jet fuel, natural gas, electricity, hydrogen, liquefied propane gas, ethanol, and biomass-derived fuels. Staff will review their findings and analysis regarding transportation energy demand scenarios, federal and state fuels policies, alternative and petroleum fuel supply and production, and transportation energy infrastructure requirements. This workshop is designed to receive public input from interested stakeholders on the proposed forecasts, analyses and related policy topics. The Energy Commission will release staff papers and an agenda before the workshop.

Background

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 to develop energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety. Public Resources Code §§25301(a) and (d) direct the Energy Commission to adopt the *IEPR* every odd-numbered year and in even-numbered years issue an energy policy review to update analyses from the previous *IEPR* or to raise energy issues that have emerged since the previous proceeding.

The Fossil Fuels Office of the Fuels and Transportation Division develops forecasts and analyses of the transportation fuels industry and related markets. Transportation energy demand forecasts support several related energy policy and program activities, including the Alternative and Renewable Fuel and Vehicle Technology Program (Assembly Bill 118, Nuñez, Chapter 750, Statutes of 2007) investment allocation analyses, petroleum use reduction assessments, and transportation fuel infrastructure requirements. Inputs to the demand forecasts include: transportation fuel price forecasts, estimates of base year demand, economic and demographic data and projections, surveys of vehicle purchase and use by residential households and commercial fleets, vehicle registration data, surveys of transit agency fuel demand and fleet composition, and projections of vehicle manufacturer offerings. The Energy Commission develops assessments of future crude oil, petroleum fuel, and renewable and alternative fuel import and distribution infrastructure requirements from historical data and projections for transportation fuel demand, infrastructure throughput capacity, refinery distillation and process capacity, and rates of crude oil production decline in California.

On February 24, 2011, staff held a Joint Committee workshop in Sacramento to present proposed methods, inputs, and assumptions to be used for developing long-term (through 2030) transportation energy demand forecasts. At the Transportation Committee workshop held in Sacramento on May 11, 2011, participants discussed transportation fuel infrastructure challenges including production, delivery, distribution, and storage as well as the adequacy of California's supply of petroleum and alternative fuels. Workshop

documents from the February 24, 2011, and May 11, 2011 workshops, including the transcript and staff and stakeholder papers and presentations, are available online at: [www.energy.ca.gov/2011_energypolicy/documents/index.html].

Staff will present an overview of preliminary findings for the transportation fuels demand forecasts, transportation fuel and crude oil import projections, and other transportation energy policy analysis and infrastructure needs assessments. Staff will discuss assumptions, inputs, results, and related issues, such as demand forecasting models or methodologies, household and commercial fleet surveys, vehicle attribute projections, data sources, and other essential information. The Committee invites public comment on the staff methods, inputs, forecasts, and findings. The following are questions on which the Committee seeks public input:

1. At what rates will demand for traditional petroleum, alternative, and renewable transportation fuels grow in California and in dependent neighboring states such as Nevada and Arizona? What estimates are available for current demand and projected growth rates of off-road uses of transportation fuels? What uncertainties must be taken into account when evaluating these forecast results and assessments?

2. What are the critical technological and economic factors affecting the growth in consumption of alternative and renewable fuels in transportation and off-road applications? What vehicle technologies will be available, and how will these manufacturer offerings affect consumer choice and use of vehicles? Will the natural gas and electricity supply sectors facilitate or incentivize the use of natural gas and electricity as transportation fuels, and, if so, by what means?

3. What are expectations with regard to public refueling site availability for renewable and alternative fuels and how will these plans affect demand for these fuels? What are expectations for fleet and in-home fueling or recharging for natural gas and electric vehicles, and how will the availability of these technologies affect fuel demand?

4. How will changes in the regulatory environment influence alternative and renewable transportation fuel supply, demand, and prices? How will the consumption of the various conventional and alternative fuels be affected by the Energy Independence and Security Act of 2007, Renewable Fuels Standards II, AB 1493 greenhouse gas rules, Low Carbon Fuel Standards, and other federal and state regulations and policies? What are the key policy concerns revealed by staff transportation energy demand forecasts and assessments? What are the various options available to address these policy concerns and which options are the most preferred to address California's future transportation energy needs?

5. What increases in capacity of crude oil or petroleum, renewable, and alternative fuels import, storage, and distribution infrastructure are expected to be needed in the state? What are the limits or constraints on needed import and distribution capacity increases?

6. At what rate will future California crude oil production decline? Will in-state refinery distillation or process capacities increase, remain level, or decline?

Written Comments

Written comments on the workshop topics must be submitted by 5 p.m. on September 16, 2011. Please include the docket number 11-IEP-1L and indicate "2011 IEPR – Transportation Energy Forecasts" in the subject line or first paragraph of your comments.

All filings in the IEPR proceeding may now be done electronically. Please send your comments in either Microsoft Word format or as a Portable Document File (PDF) by electronic mail to [**docket@energy.state.ca.us**] and copy the technical lead staff at **[gstrecke@energy.state.ca.us]** or send them on a Compact Disc to:

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 11-IEP-1L
1516 Ninth Street
Sacramento, CA 95814-5512

Please include your name or organization's name in the name of the file. Signatures may be indicated on electronic copies by embedding a scanned signature graphic, "Original signed by" or similar words, or a scanned copy of the signature page may be appended to the electronic file.

A hardcopy original may also be submitted to the Dockets Office during the workshop comment window. All written materials relating to this workshop will be filed with the Dockets Office and become part of the public record in this proceeding.

Public Participation

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission activities. If you want information on how to participate in this forum, please contact the Public Adviser's Office at (916) 654-4489 or toll free at (800) 822-6228, by FAX at (916) 654-4493, or by e-mail at [PublicAdviser@energy.state.ca.us]. If you have a disability and require assistance to participate, please contact Lou Quiroz at (916) 654-5146 at least five days in advance.

Please direct all news media inquiries to the Media and Public Communications Office at (916) 654-4989, or by e-mail at [mediaoffice@energy.state.ca.us].

If you have questions on the technical subject matter of this forum, please contact Gene Strecker at (916) 654-4537, or by e-mail at [gstrecke@energy.state.ca.us]. For general questions regarding the *IEPR* proceeding, please contact Lynette Esternon Green, *IEPR* Project Manager, by phone at (916) 653-2728 or by e-mail at [lesterno@energy.state.ca.us].

The service list for the *2011 IEPR* is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website at [www.energy.ca.gov/2011_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 [www.energy.ca.gov/listservers/index.html].

Remote Attendance

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

Computer Log-on with Telephone Audio:

1. Please go to [www.energy.webex.com] and enter the unique meeting number: **925 355 699**
2. When prompted, enter your name other information as directed and the meeting password: **meeting@9** (Please note that password is case sensitive.)

Teleconference:

After logging in on the computer, an AUDIO CONFERENCE BOX will offer you the choice of phone connections:

1. TO HAVE WEBEX CALL YOU BACK: Type your area code and phone number and click "Call Me".

2. TO CALL INTO THE TELECONFERENCE: Use the drop-down box to select "I will call in" and follow the on-screen directions.
3. INTERNATIONAL CALLERS: Click on the "Global call-in number" link in part (2) above
4. TO LISTEN OVER THE COMPUTER: If you have the needed equipment and your computer is configured, click on "Use Computer Headset" and then "Call Using Computer" to use VoIP (Internet phone)

TELEPHONE ONLY (NO COMPUTER ACCESS): Call 1-866-469-3239 (toll-free in the U.S. and Canada) and when prompted enter the unique meeting number: 925 355 699
International callers can select their number from
[https://energy.webex.com/energy/globalcallin.php]

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

DATE: July 20, 2011

JAMES D. BOYD
Vice Chair and Presiding Member
Transportation Committee

CARLA PETERMAN
Associate Member
Transportation Committee

Mail Lists: energypolicy, transportation, altfuels