

CALIFORNIA ENERGY COMMISSION1516 Ninth Street
Sacramento, California 95814Main website: www.energy.ca.gov**11-IEP-1L****11-IEP-1K****DOCKET****11-IEP-1C**

DATE FEB 09 2011

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In the matter of:

Preparation of the
2011 Integrated Energy Policy Report
(*2011 IEPR*)Docket No. 11-IEP-1C, 11-IEP-1K,
11-IEP-1L

JOINT COMMITTEE WORKSHOP



Joint Committee Workshop on Economic, Demographic, and Energy Price Inputs for Electricity, Natural Gas and Transportation Fuel Demand Forecasts

The California Energy Commission's Integrated Energy Policy Report Committee, the Transportation Committee, and the Electricity and Natural Gas Committee will jointly conduct a workshop to describe input data and assumptions to be used to prepare energy demand forecasts for the *2011 Integrated Energy Policy Report (2011 IEPR)*. The workshop is intended to enable staff to receive input from stakeholders, with particular emphasis on natural gas, electricity, petroleum and renewable fuel price forecasts and on state economic and population growth projections.

Commissioner Karen Douglas is the Presiding Member of the IEPR Committee, Chair Robert B. Weisenmiller is the Presiding Member of the Electricity and Natural Gas Committee, Vice Chair James D. Boyd is the Presiding Member of the Transportation Committee, and Commissioner Jeffrey D. Byron is the Associate Member of the IEPR Committee and the Electricity and Natural Gas Committee. Other commissioners may attend and participate in this workshop. The workshop will be held:

THURSDAY, FEBRUARY 24, 2011
Beginning at 9 a.m.
 CALIFORNIA ENERGY COMMISSION
 1516 Ninth Street
 First Floor, Hearing Room A
 Sacramento, California
 (Wheelchair Accessible)

Remote Attendance and Availability of Documents

Web Conferencing - Presentations and audio from the 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_energy_policy/index.html]

Purpose

This workshop will discuss the proposed methods, inputs, and assumptions to be used for long-term energy demand assessments and forecasts being developed by both the Energy Commission's Electricity Supply Analysis Division and the Fuels and Transportation Division. Staff will propose consistent economic and demographic assumptions to be used as modeling inputs across electricity, natural gas, and transportation fuel demand forecasts. Staff will present preliminary price outlooks or proposed price forecasting methods for natural gas and electricity and for petroleum, renewable and alternative transportation fuels. Staff will also discuss other assumptions as well as work-in-progress, including models and additional inputs used to produce energy demand assessments and forecasts across sectors. This workshop is designed to receive public input from interested stakeholders on the proposed analyses and related questions and issues and will be used in the development of the *2011 IEPR*.

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 provide an 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. Public Resources Code Sections 25302(a) and (b) direct the Energy Commission to adopt an 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. Developing energy policy recommendations about the most current and pressing energy issues facing the state, and across different markets and systems require an evaluation of potential tradeoffs by an in-depth and integrated analysis which explicitly addresses inter-fuel and inter-market effects (Public Resources Code § 25302(b)).

The Electricity Supply Analysis Division develops assessments and forecasts of the state’s electricity and natural gas markets, including statewide and regional electricity and natural gas demand, incorporating factors leading to future demand growth, such as changes in economic activity, population growth, urban development, industrial expansion

and energy intensity, growth in different building types, and energy and environmental policies. Long-range assessments of demand for grid-delivered power also need to account for effects of the complex interactions among many public policies such as energy efficiency, demand response, customer-side-of-the-meter distributed generation, and transportation emission reduction measures. Long-range assessments of the demand for natural gas will involve evaluating not only the above-mentioned drivers of end-use gas demand and gas demand to serve grid-delivered electric generation, but also the drivers of changing amounts of renewable and coal-fired electric generation supplies that lead to changes in gas-fired generation.

The Fuels and Transportation Division develops assessments and forecasts of the transportation fuels industry and related markets. Transportation energy demand and fuel price analyses 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 assessments. Inputs to the demand forecasts include: transportation fuel prices, 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. Staff will present a brief overview of the proposed analytic approach and methods.

Staff materials describing the approach and scope of current or proposed demand assessments for the *2011 IEPR* will be released by February 10, 2011 at [www.energy.ca.gov/2011_energypolicy/index.html]. Staff invites public comment on both the proposed approaches and suggested alternatives. Also, an agenda for the workshop will be posted by February 22, 2011.

Written Comments

Written comments on the meeting topics must be submitted by **5:00 p.m. on March 7, 2011**. Please include the docket numbers 11-IEP-1C, 11-IEP-1K, and 11-IEP-1L and indicate “2011 IEPR – Electricity, Natural Gas and Transportation Energy Forecasts” in the subject line or first paragraph of your comments. Please hand deliver or mail an **original copy** to:

California Energy Commission
Dockets Office, MS-4
Re: Docket Nos. 11-IEP-1C, 11-IEP-1K, 11-IEP-1L
1516 Ninth Street
Sacramento, CA 95814-5512

The Energy Commission encourages comments by electronic mail (e-mail). Please include your name or organization in the name of the file. Those submitting attached comments by e-mail should provide them in either Microsoft Word format or as a

Portable Document (PDF) to [docket@energy.state.ca.us]. **One paper copy** must also be sent to the Energy Commission's Dockets Office.

Participants may also provide an original and 10 copies at the beginning of the workshop. 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 natural gas- or electricity-related technical subject matter of this forum, please contact Chris Kavalec at (916) 654-5184, or by e-mail at [ckavalec@energy.state.ca.us]. If you have questions on the transportation energy-related 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, at (916) 653-2728 or by email 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 [https://energy.webex.com] and enter the unique meeting number:
929 227 726

2. When prompted, enter your name, other information as directed and the meeting password: **2011IEPR@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: **929 227 726**. 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: February 9, 2011

KAREN DOUGLAS
Commissioner and Presiding Member
Integrated Energy Policy Report Committee

JEFFREY D. BYRON
Commissioner and Associate Member
Integrated Energy Policy Report Committee
Electricity and Natural Gas Committee

JAMES D. BOYD
Vice Chair and Presiding Member
Transportation Committee

ROBERT B. WEISENMILLER
Chair and Presiding Member
Electricity and Natural Gas Committee

Electronic Mail Lists: energy policy, transportation, electricity, natural gas, distributed generation