

DOCKETED

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Document Title:	Notice of Staff Workshop - Discussion on the Investor-Owned Utilities' Emerging Technology Programs
Description:	December 8, 2016 Discussion on the Investor-Owned Utilities' Emerging Technology (ET) Programs and the California Energy Commission's Energy Efficiency Research Programs
Filer:	Karen Perrin
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CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



Notice of Staff Workshop Discussion on the Investor-Owned Utilities' Emerging Technology (ET) Programs and the California Energy Commission's Energy Efficiency Research Programs

California Energy Commission staff will conduct a public workshop to discuss the energy efficiency activities of the Investor-Owned Utilities Emerging Technology Programs and the California Energy Commission's Research and Development Program. Commissioners may attend and participate. The workshop will be held on:

THURSDAY, December 8, 2016

Beginning at 9:00 a.m.

CALIFORNIA ENERGY COMMISSION

1516 9th Street

First Floor, Imbrecht Hearing Room

Sacramento, California

(Wheelchair Accessible)

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

Purpose

The workshop provides an opportunity to:

- Exchange information about Investor-Owned Utilities Emerging Technology Programs and the California Energy Commission's Research and Development Program.
- Identify ways to increase collaboration, synergies and a path to market for many of our research results
- Identify future technology development or research activities
- Provide an opportunity for the public to become familiar with both programs

Information and recommendations gathered as a result of the workshop will inform future programs.

Background

The Emerging Technologies Coordinating Council (ETCC) was formed in early 2000 to coordinate the Energy Commission's research activities and the utility Emerging Technologies Program. ETCC members include the Energy Commission, Pacific Gas and Electric Company, Southern California Edison Company, San Diego Gas and Electric Company, Southern California Gas Company, Sacramento Municipal Utility District, and Los Angeles Department of Water and Power with oversight from the California Public Utilities Commission (CPUC). The purpose of the ETCC is for its members to exchange information on opportunities and results from emerging technology activities and avoid duplicative work. In addition, results of the Energy Commission's research could be disseminated through future utility market outreach programs.

The California Energy Commission administers the electricity and natural gas related research and development activities funded by surcharges on electricity and natural gas bills of investor-owned utility customers.

- **Electric Program Investment Charge (EPIC):** The purpose of the EPIC program is to benefit the ratepayers of three investor-owned electric utilities (IOUs), Pacific Gas and Electric Company, San Diego Gas and Electric Company, and Southern California Edison Company. The EPIC funds clean energy technology projects that promote greater electricity reliability, lower costs, and increased safety. In addition to providing IOU ratepayer benefits, funded projects must lead to technological advancement and breakthroughs to overcome the barriers that prevent the achievement of the state's statutory energy goals. Annual funding is approximately \$160 million with 80 percent administered by the Energy Commission and 20 percent by the three electric IOUs. The Energy Commission funding is awarded through competitive R&D solicitations. Energy efficiency is approximately one third of the budgeted funds. Information on the EPIC program can be found at: <http://www.energy.ca.gov/research/epic/index.html>.
- **Natural Gas Research and Development:** The purpose of the program is to benefit California natural gas ratepayers by funding public interest research and development (R&D) that advance science or technology, are not adequately addressed by the competitive or regulated markets and whose benefits accrue to California citizens.¹ The Energy Commission was designated by the CPUC as the administrator of this program in August 2004. Annual funding is \$24 million and the funding is awarded through competitive R&D solicitations. Energy efficiency is approximately one third of the budgeted funds. Information on the Natural Gas R&D program can be found at: <http://www.energy.ca.gov/contracts/pier.html>.

Agenda

Please see attached Agenda. The agenda will also be posted online at www.energy.ca.gov/research/epic/documents/#wkspmeetings.

Public Comment

Oral comments: The Energy Commission will accept oral comments at 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 5:00 p.m. on Thursday, December 15, 2016. All written comments will become part of the public record of this proceeding.

For the Staff Workshop on a Discussion on the Investor-Owned Utilities' Emerging Technology (ET) Programs and the California Energy Commission's Energy Efficiency Research Programs, the Energy Commission is using an electronic commenting system. Visit our website at: <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=16-EPIC-01> to add comments to the **16-EPIC-01** EPIC Ideas Exchange docket. Please enter your contact information and comment title. You may include comments in the box titled

¹ CPUC Decision 04-08-010, August 19, 2014, http://docs.cpuc.ca.gov/PublishedDocs/WORD_PDF/FINAL_DECISION/39314.PDF, pages 25 and 46.

"Comment Text" or attach a file with your comments. Attached comments must be in a Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) formatted file.

The Energy Commission encourages use of its electronic commenting system, but written comments may also be submitted by e-mailing them to the Dockets Office, or by U.S. Mail to:

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 16-EPIC-01
1516 Ninth Street
Sacramento, CA 95814-5512

If you choose not to use the electronic filing system, please include the appropriate docket number on any e-mailed or written comments. Comments may be e-mailed to docket@energy.ca.gov.

Please note that your electronic, e-mailed, written and oral comments, attachments, and associated contact information (for example, address, phone, and e-mail) become part of the viewable public record. Additionally, this information may become available via Google, Yahoo, and other search engines.

Public Adviser and Other Commission Contacts

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 workshop, please contact the Public Adviser, Alana Matthews, by e-mail at PublicAdviser@energy.ca.gov or (916) 654-4489, or toll free at (800) 822-6228.

If you have a disability and require assistance to participate, please contact Poneh Jones by e-mail at poneh.jones@energy.ca.gov or (916) 654-4425 at least five days in advance of the workshop.

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

If you have questions on the technical subject matter of this meeting, please contact Karen Perrin by e-mail at Karen.perrin@energy.ca.gov or phone at 916-327-1495.

Notices and documents for this workshop are posted to the Energy Commission website at <http://www.energy.ca.gov/research/epic/documents/#wkspmeetings>.

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 the audio via your computer or telephone. Please be aware that the meeting may be recorded.

To join a meeting:

VIA COMPUTER: Go to <https://energy.webex.com> and enter the unique meeting number: 925 053 038. No password is required.

Attendees signing in for this workshop will be asked a few brief questions as part of the Commission diversity survey and are encouraged to provide feedback.

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 (866) 469-3239 (toll-free in the U.S. and Canada). When prompted, enter the unique meeting number: 925 053 038. 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/overview/mobile-meetings.html.

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

Availability of Documents

Documents and presentations for this meeting will be available online at:
<http://www.energy.ca.gov/research/epic/documents/#wkspmeetings>.

Mail Lists:

EPIC listserv
Research listserv
Opportunity listserv
Naturalgas listserv
Efficiency listserv

