

## DOCKETED

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**CALIFORNIA ENERGY COMMISSION**1516 Ninth Street  
Sacramento, California 95814Main website: [www.energy.ca.gov](http://www.energy.ca.gov)

In the matter of:	)	Docket No. 15-RETI-02
	)	
<i>Renewable Energy Transmission Initiative</i>	)	NOTICE OF WORKSHOP RE:
<i>2.0</i>	)	Renewable Energy Transmission
_____	)	Initiative 2.0

## Notice of Renewable Energy Transmission Initiative 2.0 Joint Agency Workshop

The California Natural Resources Agency (CNRA), California Energy Commission (Energy Commission), California Public Utilities Commission (CPUC), California Independent System Operator (California ISO), and U.S. Bureau of Land Management (BLM) will hold a joint workshop to review the information gathered in the first phase of the Renewable Energy Transmission Initiative (RETI) 2.0 Workplan and discuss the next phase.

CNRA Secretary John Laird, CPUC President Michael Picker, Energy Commission Chair Robert B. Weisenmiller, California ISO Chief Executive Officer Steve Berberich, and BLM California State Director Jerome Perez will jointly preside over the workshop. Other commissioners from the CPUC and Energy Commission may also attend and participate in the workshop. A quorum of commissioners from the CPUC and/or the Energy Commission may be in attendance.

The workshop will be held:

**Monday, May 2, 2016**  
1 p.m. - 4 p.m.  
CALIFORNIA ENERGY COMMISSION  
1516 Ninth Street  
First Floor, Art Rosenfeld Hearing Room  
Sacramento, California  
(Wheelchair Accessible)

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

## Background

On April 29, 2015, Governor Brown issued Executive Order B-30-15, which established a new statewide greenhouse gas (GHG) emission reduction target of 40 percent below 1990 levels by the year 2030 to ensure meeting the existing target of 80 percent reduction by 2050, and directed all state agencies to implement measures, pursuant to statutory authority, to help achieve these targets. On October 7, 2015, Governor Brown signed the Clean Energy and Pollution Reduction Act of 2015 (De León, Chapter 547, Statutes of 2015), which requires electric utilities to increase retail sales of qualified renewable electricity to at least 50 percent by 2030 and to prepare long-term plans to achieve GHG levels consistent with the 40 percent economy-wide reduction goal. Developing the transmission needed to support increasing amounts of renewable resources will be critical to meeting these goals and will require careful planning and coordination across the West.

In September 2015, the CNRA, Energy Commission, CPUC, California ISO, and the BLM California Office initiated RETI 2.0 to facilitate the long-range planning, inter-agency coordination, and stakeholder engagement necessary to support these goals. RETI 2.0 is a proactive, statewide, non-regulatory planning forum intended to identify the constraints and opportunities for new transmission to access and integrate new renewable resources and help meet the state's long-term GHG and renewable energy goals.

Specifically, RETI 2.0 will:

- Explore renewable generation resources in California and throughout the West that can help meet California's long-term energy and GHG reduction goals.
- Identify land use and environmental opportunities and constraints to accessing these resources.
- Build understanding of transmission options for accessing and integrating renewable resources, and support for "least regrets" transmission pathways.
- Inform future planning and regulatory proceedings.

The RETI 2.0 Workplan, presented to stakeholders in December 2015, established a three-phase structure to accomplish these goals. The RETI 2.0 Workplan proposed that each phase would conclude with a workshop with the RETI 2.0 Agency Executives to report back on progress made and recommendations for next steps. These phases are:

- First phase: Define goals, gather foundational data, and propose approach
- Second phase: Propose renewable resource scenarios and Transmission Assessment Focus Areas; review and refine transmission and environmental implications of Focus Areas
- Third phase: Review and compare transmission and environmental implications; identify common or critical elements; make recommendations for next steps

## Agenda

The purpose of this workshop is to brief RETI 2.0 agency executives on the information and insights gathered during the first phase of the RETI 2.0 process and to present Transmission Assessment Focus Areas for further assessment in the next phase of the RETI 2.0 process.

The agenda for the workshop is:

- 1. Foundational information.** RETI 2.0 agency management team will present on the foundational information gathered during the first phase of RETI 2.0 that will support the RETI 2.0 process going forward.
  - a. Plenary Group Report: RETI 2.0 Planning Goals**

RETI 2.0 Project Director Brian Turner will present on the range of renewable energy that California utilities may need to procure by 2030 to be on track to meet the state's 2030 and 2050 GHG emission reduction targets.
  - b. Environmental and Land Use Technical Group (ELUTG) Report: Existing Data and Planning Tools**

ELUTG Staff Lead Scott Flint of the Energy Commission will present on existing land use and environmental studies, plans, and data that are available to advise on renewables and transmission development scenarios.
  - c. Transmission Technical Input Group (TTIG) Report: Existing Transmission System Capacity and Plans**

TTIG Staff Lead Neil Millar of the California ISO will present the existing and planned capacity of California transmission operators systems.
- 2. Renewables' Potential for 2030.** Independent experts and RETI 2.0 agency management staff will summarize input on what renewable resources may be of particular importance to reaching 2030 goals.
  - a. 2030 Electricity Scenarios and Lessons for RETI 2.0**

Hal Harvey from Energy Innovation will present a summary and analysis of academic and stakeholder projections of various 2030 resource scenarios and their lessons for renewable resources that can support a majority-renewables electric grid in 2030 and lead toward 2050 decarbonization goals.
  - b. Future Resource Values and Patterns of Development**

RETI 2.0 management team will summarize stakeholder comments and other evidence regarding where technology, economic, environmental, land use, social and other trends may direct development of renewable energy projects leading to 2030 goals.
- 3. Transmission Assessment Focus Areas.** Presentation and discussion of proposed Focus Areas and next steps for assessment of potential transmission and environmental/land use issues during phase two of the RETI 2.0 process

**a. Introduction to Focus Areas**

RETI 2.0 agency management team will present the approach that was used to synthesize the information gathered to date to focus in on particular areas for further assessment.

**b. Discussion of Individual Focus Areas**

Staff will present a series of proposed Focus Areas based on renewable resources in California and the West that may be developed to meet California's 2030 goals and that may require additional transmission capacity to be accessed or integrated. Once finalized, these Focus Areas will form the basis for further assessment by the TTIG and ELUTG.

**4. Public Comment**

**Public Comment**

**Oral comments:** The agency executives will accept oral comments during the workshop. Comments may be limited to three minutes and will become part of the public record maintained by the Energy Commission.

**Written comments should be submitted by May 16, 2016.** Please submit comments to the Energy Commission using the Energy Commission's e-commenting feature by going to the RETI 2.0 webpage <http://www.energy.ca.gov/reti/> and clicking on the "Submit eComment" link. A full name, e-mail address, comment title, and either a comment or an attached document (.doc, .docx, or .pdf format) is mandatory. After a challenge-response test used by the system to ensure that responses are generated by a person and not a computer, click on the "Agree & Submit Your Comment" button to submit the comment to the Energy Commission Dockets Unit.

Please note that written comments, attachments, and contact information included within the written comments and attachments (e.g., your address, phone, email, etc.) become part of the viewable public record.

You are encouraged to use the electronic commenting system, described above, to submit comments. If you are unable to submit comments electronically, a paper copy of your comments may be sent to:

Dockets Unit  
California Energy Commission  
Docket No. 15-RETI-02  
1516 Ninth Street, MS-4  
Sacramento, CA 95814-5512

Or e-mail them to: [DOCKET@energy.ca.gov](mailto:DOCKET@energy.ca.gov)

If you choose not to use the electronic filing system, please include the Docket Number 15-RETI-02 on any e-mailed or written comments. Written comments will also be

accepted at the workshop by Al Alvarado or Scott Flint of the Energy Commission. However, the agencies may not have time to review them before the conclusion of the workshop.

## **Public Adviser and Other Commission Contacts**

The Energy Commission 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 the Public Adviser, Alana Mathews, by e-mail at [PublicAdviser@energy.ca.gov](mailto:PublicAdviser@energy.ca.gov) or (916) 654-4489 (toll free at (800) 822-6228).

If you have a disability and require assistance to participate, please contact Lou Quiroz by e-mail at [Lou.Quiroz@energy.ca.gov](mailto:Lou.Quiroz@energy.ca.gov) or (916) 654-5146 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](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

If you have questions on the subject matter of this workshop, please contact Al Alvarado by e-mail at [Al.Alvarado@energy.ca.gov](mailto:Al.Alvarado@energy.ca.gov) or (916) 654-4749.

The service list for the stakeholder process is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website. When new information is posted, an e-mail will be sent to those on the RETI 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/](http://www.energy.ca.gov/listservers/).

## **Remote Attendance**

You may participate in this workshop through WebEx, the Energy Commission's online meeting service. Presentations will be webcast, and you may listen to audio via your computer or telephone. Please be aware that the workshop may be recorded.

### **To join a meeting:**

VIA COMPUTER: Go to <https://energy.webex.com> and enter the unique meeting number: **920 330 784**. This meeting does not require a password.

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 via the computer: If you have a broadband connection, and a headset or a computer microphone and speakers, go to the Audio menu, click on "Use Computer Headset," then "Call Using Computer."

VIA TELEPHONE ONLY (no visual presentation): Call (866) 469-3239 (toll-free in the United States and Canada). When prompted, enter the meeting number **920 330 784**. 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](http://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/reti/>

DATE: April 20, 2016

List Serve: RETI



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ROBERT B. WEISENMILLER, Chair  
California Energy Commission

