

DOCKETED

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In the matter of,

*2017 Integrated Energy Policy Report
(2017 IEPR)*

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Docket No. 17-IEPR-10

JOINT AGENCY WORKSHOP

RE: Renewable Gas

Notice of Joint Agency Workshop on Renewable Gas

The California Energy Commission, the California Public Utilities Commission (CPUC), and California Air Resources Board (ARB) will jointly conduct a workshop to discuss recommendations on renewable gas as required under Senate Bill 1383 (Lara, Chapter 395, Statutes of 2016). SB 1383 requires several actions regarding the development and use of renewable gas (including biogas and biomethane) as an electricity source and transportation fuel to reduce short-lived climate pollutants. The workshop is part of the *2017 Integrated Energy Policy Report (IEPR)* proceeding.

Energy Commission Chair Robert B. Weisenmiller is the Lead Commissioner for the 2017 IEPR, and he will conduct the meeting jointly with the CPUC President Michael Picker, and the ARB Chair Mary Nichols. They may be joined by Karen Ross, Secretary of the California Department of Food and Agriculture (CDFA) or her representative. Other Commissioners from the Energy Commission and the CPUC may also attend and participate in the workshop. A quorum of Commissioners from the CPUC and/or the Energy Commission may be in attendance, but no votes will be taken.

Tuesday, June 27, 2017

9:30 A.M.

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

First Floor, Art Rosenfeld Hearing Room

Sacramento, California

(Wheelchair Accessible)

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Background

Senate Bill 1383 requires that by January 1, 2018, the ARB approve and begin implementing a comprehensive short-lived climate pollutant strategy developed to achieve a reduction in the statewide emissions of methane by 40 percent, hydrofluorocarbon gases by 40 percent, and anthropogenic black carbon by 50 percent below 2013 levels by 2030. Under SB 1383, the ARB has additional responsibilities as does the Energy Commission, CPUC, CDFA, and CalRecycle. A summary of the responsibilities includes:

ARB

- Ensure that the implementation of the short-lived climate pollutant strategy includes beneficial economic and environmental outcomes and evaluates cost-effective and technologically feasible factors that influence renewable gas development and use.
- Ensure that the implementation reduces statewide disposal of organic waste from landfills by 50 percent below 2014 levels by 2020 and 75 percent below 2014 levels by 2025.
- Adopt requirements to control methane emissions associated with the disposal of organic wastes in landfills no sooner than January 1, 2025.
- Adopt regulations no sooner than January 1, 2024, reflecting technology, market and cost-effectiveness analysis to reduce methane emissions from livestock and dairy manure management operations by 40 percent below the livestock and dairy sectors' 2013 levels by 2030. Enteric emissions shall be achieved only through incentive-based mechanisms.
- Work with stakeholders to address technical, market, and regulatory challenges and barriers for the development of dairy emission reduction projects.
- Establish energy infrastructure development and procurement policies needed to encourage dairy biomethane projects.
- Develop a financial mechanism to reduce economic uncertainty of credits generated by the Low Carbon Fuel Standard (LCFS) regulations for dairy related projects producing low carbon intensity transportation fuels and recommend to the Legislature actions to expand the mechanism to other sources of biogas.
- Provide guidance to ensure long-term eligibility of credits generated from methane reduction for LCFS credits and requirements of the market-based compliance mechanism for methane reduction protocols.
- Consider additional policies based on recommendations from the Energy Commission's 2017 *IEPR* to support the development and use of renewable gas in the state that reduce short-lived climate pollutants.

CPUC

- Direct natural gas utility corporations to implement at least five dairy biomethane pilot projects to demonstrate interconnection to natural gas pipelines.
- Consider additional policies based on recommendations from the Energy Commission's 2017 *IEPR* to support the development and use of renewable gas in the state that reduce short-lived climate pollutants.

CalRecycle

- Adopt regulations no sooner than January 1, 2022, to achieve specific targets for reduction of organic wastes in landfills for 2020 and 2025.

CDFA

- Confer with the ARB to provide input on regulations to reduce methane emissions from livestock and dairy manure management operations.

The Energy Commission in consultation with ARB and CPUC is directed to develop recommendations for the development and use of renewable gas, including biomethane and biogas as a part of its *2017 IEPR*. In developing the recommendations, the Energy Commission shall identify cost-effective strategies that are consistent with existing state policies and climate change goals by considering priority end uses of renewable gas, including biomethane and biogas, and their interactions with state policies, including the Renewable Portfolio Standard program, the LCFS regulations, the organic waste diversion goals, Cap and Trade market-based compliance mechanism, and the strategy to reduce short-lived climate pollutants. The *2017 IEPR* recommendations comprise the first of a two- step SB 1383 process for all agencies. Based on the IEPR recommendations, state agencies shall consider and adopt policies and incentives, as appropriate, to significantly increase sustainable production and use of renewable gas.

SB 1383 calls for each of the relevant agencies to confer with other agencies to carry out their responsibilities and generally requires agencies to monitor, evaluate and report on the progress of achieving the goals and conduct public workshops to seek stakeholder views in the process.

The Energy Commission staff is developing a draft white paper on the development and use of biomethane, biogas, and renewable gas to reduce short-lived climate pollutants as background. The paper is expected to be available prior to the workshop.

Agenda

The workshop will be structured to describe the policy, technology, and market context for renewable gas and highlight opportunities and challenges to achieve the SB 1383 goals both from electricity generation and use of transportation fuels. The workshop will include comments and presentations from the staff of each relevant state agency and federal and local governments, in addition to gas and electric utilities, biogas host site owners, market forecasting experts, fuel and electricity project developers/operators, financial investors, vehicle and engine manufacturers, vehicle fleet owners, and public interest organizations. Workshop findings will be included in the *2017 IEPR* to consider in carrying out SB 1383 responsibilities.

Public Comment

Oral Comments: Commissioners will accept oral comments during the workshop. Public comments may be limited to three minutes or less per speaker and may be limited to one speaker per organization. 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 July 11, 2017**. All written comments will become part of the public record of this proceeding.

For the 2017 IEPR, the Energy Commission is using an electronic commenting system. Visit the website at http://www.energy.ca.gov/2017_energypolicy/ and click on the “**Submit e-Comment**” link in the “Proceeding Information” box. From the drop down menu, please select the appropriate docket number. For this workshop, please select docket **17-IEPR-10 – Renewable Gas**.

This will take you to the page for adding comments to that docket. Please enter your contact information and comment title. Under “subject(s),” select the appropriate IEPR workshop date and “IEPR public comments.” You may include comments in the box titled “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. 17-IEPR-10
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 and copy the technical lead, Tim Olson, by e-mail at Tim.Olson@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.

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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.

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 Tim Olson, Senior Policy Advisor, at 916-654-4528 or Tim.Olson@energy.ca.gov.

For general questions regarding the IEPR proceeding, please contact Raquel Kravitz, IEPR project manager, by e-mail at raquel.kravitz@energy.ca.gov or (916) 651-8836.

The service list for the 2017 IEPR is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website at http://www.energy.ca.gov/2017_energypolicy/.

When new information is posted, an e-mail will be sent to those on the energy policy e-mail listserv. We encourage those who are interested in receiving these notices to sign up for the listserv through the website at <http://www.energy.ca.gov/listservers/index.html>.

The listserv is titled “energypolicy.”

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Availability of Documents

Documents and presentations for this meeting will be available online at:
http://www.energy.ca.gov/2017_energypolicy/.

Date: June 13, 2017



Chair Robert B. Weisenmiller
Lead Commissioner
2017 Integrated Energy Policy Report



Mary D. Nichols
Chair
California Air Resources Board

Mail Lists: energypolicy, transportation, altfuels, renewable, naturalgas, climate change, epic