

**DOCKETED**

<b>Docket Number:</b>	20-SIT-01
<b>Project Title:</b>	Incremental Efficiency Improvements to the Natural Gas Fleet for Electric System Reliability and Resiliency
<b>TN #:</b>	235791
<b>Document Title:</b>	Notice of Lead Commissioner Workshop on Incremental Efficiency Improvements to The Natural Gas Powerplant Fleet for Electric Sys
<b>Description:</b>	Notice of Lead Commissioner Workshop on Incremental Efficiency Improvements to The Natural Gas Powerplant Fleet for Electric System Reliability and Resiliency
<b>Filer:</b>	Susan Fleming
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
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<b>Docketed Date:</b>	11/23/2020

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
Sacramento, California 95814

Energy.ca.gov

CEC-70 (Revised 5/2020)

*IN THE MATTER OF:*

*Incremental Efficiency Improvements to the  
Natural Gas Powerplant Fleet for Electric  
System Reliability and Resiliency*

Docket No. 20-SIT-01

NOTICE OF REMOTE-ACCESS  
WORKSHOP

## **Notice of Lead Commissioner Workshop on Incremental Efficiency Improvements to The Natural Gas Powerplant Fleet for Electric System Reliability and Resiliency**

**December 2, 2020**

Morning Session: 9:00 a.m.

Afternoon Session: 1:30 p.m.

**Remote Access Only**

Commissioner Karen Douglas, the California Energy Commission (CEC) lead commissioner for powerplant licensing, will host a remote-access workshop to explore potential technology options for increasing the efficiency and flexibility of the existing natural gas powerplant fleet to help meet near-term electric system reliability and the longer-term transition to renewable and zero-carbon resources. A quorum of CEC commissioners may participate, but no votes will be taken. Commissioners from the California Public Utilities Commission (CPUC) may also attend.

The workshop will be held remotely, consistent with Executive Orders N-25-20 and N-29-20 and the recommendations from the California Department of Public Health to encourage physical distancing to slow the spread of COVID-19. The public will be able to participate in the workshop consistent with the direction in these Executive Orders. There will be opportunities for public comment. Instructions for remote participation via Zoom are below.

### **Agenda**

This workshop will explore opportunities and constraints to making incremental technology improvements to the existing natural gas powerplant fleet. The workshop will also explore how these improvements can contribute to near-term reliability, as well as support a longer-term transition to renewable and zero-carbon resources.

**Morning Session: Technology Improvements and Process Modifications:** The first session of the workshop will include two panel discussions that focus on incremental technology options that can improve the efficiency and flexibility of California’s existing natural gas powerplant fleet for electric system reliability and resiliency.

**Panel 1:** The first panel will discuss various incremental technology improvements that could be made to existing powerplants, and the benefits and costs of these incremental technology improvements. The panel will include powerplant owners and operators, utilities, and equipment manufacturers.

**Panel 2:** The second panel will discuss opportunities, challenges, and process modifications that may be needed to realize the incremental technology improvements discussed during Panel 1. The panel will include representatives from local air districts, independent energy producers, the California Independent System Operator (CAISO), and the CEC.

**Afternoon Session: Finance and Governance: Panel 3** will explore how the incremental improvements identified in earlier panels could be procured, assuming that the improvements are cost-effective compared to other potential generation or demand reduction alternatives. The panel will include representatives from the CPUC, investor-owned utilities, community choice aggregators, and the Disadvantaged Communities Advisory Group, providing their perspectives on the opportunities and challenges to invest in the identified technology improvements. This panel will also explore the feasibility of different procurement options given the near-term timeframes under consideration and whether and how this procurement should occur.

A detailed agenda will be posted prior to the workshop at [CEC Efiling Docket Number 20-SIT-01](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-SIT-01), <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-SIT-01>.

## **Background**

Extreme heat events in August and September 2020 stressed California’s electric system and compromised reliable electric service. As described in the [Preliminary Root Cause Analysis: Mid-August 2020 Heat Storm \(http://www.caiso.com/Documents/Preliminary-Root-Cause-Analysis-Rotating-Outages-August-2020.pdf\)](http://www.caiso.com/Documents/Preliminary-Root-Cause-Analysis-Rotating-Outages-August-2020.pdf), the CEC, CPUC, and CAISO expect additional electric generation, energy storage, and demand-side resources to be online prior to summer 2021. While the focus of the CPUC and CEC is on demand-side resources and resources under development, there are potential opportunities to make incremental technology improvements at existing natural gas powerplants that could contribute to achieving near-term reliability.

## **Remote Attendance**

The meeting may be accessed by clicking the Zoom link below or [Zoom](https://join.zoom.us), <https://join.zoom.us>, by entering the Meeting ID and password for the workshop sessions listed below. If you experience difficulties joining, you may contact Zoom at (888) 799-9666 ext. 2, or the Public Advisor’s Office via email or phone.

[Join December 2, 2020, 9:00 a.m. Workshop – Morning Session.](https://energy.zoom.us/j/93895965879?pwd=WGtLR09sdTRCNXZxdzBkbTM4RFdDdz09)

[https://energy.zoom.us/j/93895965879?pwd=WGtLR09sdTRCNXZxdzBkbTM4RFdDdz09.](https://energy.zoom.us/j/93895965879?pwd=WGtLR09sdTRCNXZxdzBkbTM4RFdDdz09)

**Webinar ID:** 927 7901 5365. The **meeting password** is 053599.

<b>Event</b>	<b>Date/Time</b>	<b>Webinar ID</b>	<b>Password</b>
Workshop - <b>Morning Session</b>	December 2, 2020 <b>9:00 a.m.</b>	938 9596 5879	053599

[Join December 2, 2020, 1:30 p.m. Workshop – Afternoon Session.](https://energy.zoom.us/j/93781267870?pwd=Ykl1MFZ0TC9uanVaSUxsWm9rcFpvQT09)

[https://energy.zoom.us/j/93781267870?pwd=Ykl1MFZ0TC9uanVaSUxsWm9rcFpvQT09.](https://energy.zoom.us/j/93781267870?pwd=Ykl1MFZ0TC9uanVaSUxsWm9rcFpvQT09)

**Webinar ID:** 937 8126 7870. The **meeting password** is 296858.

<b>Event</b>	<b>Date/Time</b>	<b>Webinar ID</b>	<b>Password</b>
Workshop - <b>Afternoon Session</b>	December 2, 2020 <b>1:30 p.m.</b>	937 8126 7870	296858

Use the “raise hand feature” to indicate you want to speak and the event facilitator will indicate when your line is open and ready for you to make comment.

**To Participate by Telephone Only:**

To participate by telephone, dial US: +1 669 219 2599 or 877 853 5257 (Toll Free). When prompted, enter the Meeting ID: Morning Session - 927 7901 5365 and Afternoon Session - 937 8126 7870. To comment, dial \*9 to “raise your hand” and \*6 to mute/unmute your phone line.

**Public Comment**

**Oral comments** will be accepted at the end of the workshop. Comments may be limited to three minutes or less per speaker and one person per organization. If participating via Zoom’s online platform, use the “raise hand” feature so the administrator can announce your name and unmute you. If you are participating by telephone, press \*9 to “raise your hand” and \*6 to mute/unmute. See detailed remote attendance instructions below.

Depending on the number of members of the public seeking to make public comment, the facilitator may adjust the total time allotted for public comment and the time allotted for each comment. If commissioners are unable to accommodate your public comment during the workshop, please consider submitting your comments in writing to ensure they are included in the record through the CEC’s docketing system per the instructions below. For assistance with the docketing system, contact the Public Advisor's Office at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov) or (800) 822-6228 or (916) 654-4489.

**Written comments** must be submitted to the Docket Unit by 5:00 p.m. on Thursday, December 16, 2020. Written and oral comments, attachments, and associated contact information (including address, phone number, and email address) will become part of the public record of this proceeding with access available via any internet search engine.

The CEC encourages use of its electronic commenting system. Visit the [e-commenting page](https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=20-SIT-01) at <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=20-SIT-01>, which links to the comment page for this docket. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the "Comment Text" box or attached as a downloadable, searchable document in Microsoft® Word or Adobe® Acrobat®. The maximum file size allowed is 10 MB.

Written comments may be submitted by email. Include docket number 20-SIT-01 and Workshop on Incremental Efficiency Improvements to the Natural Gas Powerplant Fleet in the subject line and email to [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

A paper copy may also be sent to:

California Energy Commission  
Docket Unit, MS-4  
Docket No. [20-SIT-01](#)  
1516 Ninth Street  
Sacramento, California 95814-5512

### **Public Advisor and Other CEC Contacts**

The CEC's Public Advisor's Office provides the public with assistance in participating in CEC proceedings. For information on participation or to request interpreting services or reasonable accommodations, please contact Public Advisor Noemí O. Gallardo at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov), by phone at (916) 654-4489, or toll free at (800) 822-6228. Requests for interpreting services and reasonable accommodations should be made at least five days in advance. The CEC will work diligently to accommodate all requests.

**Direct media inquiries** to [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

**Direct technical subject inquiries** to Jim Bartridge at [jim.bartridge@energy.ca.gov](mailto:jim.bartridge@energy.ca.gov) or (916) 926-9093.

**For general inquiries** regarding the workshop, please contact [Mary Dyas](mailto:mary.dyas@energy.ca.gov) at [mary.dyas@energy.ca.gov](mailto:mary.dyas@energy.ca.gov) or (916) 628-5418.

### **Availability of Documents**

Documents and presentations for this meeting will be available at [CEC Efiling Docket Number 20-SIT-01](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-SIT-01), <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-SIT-01>.

When new information is posted, an email will be sent to those on the list serves noted below. To receive these notices, subscribe at [CEC List Servers](https://ww2.energy.ca.gov/listservers/index_cms.html), [https://ww2.energy.ca.gov/listservers/index\\_cms.html](https://ww2.energy.ca.gov/listservers/index_cms.html).

Dated: November 18, 2020

***Approved by:***

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Karen Douglas  
Lead Commissioner

List Servers:  
Siting Division General  
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Energy Policy  
Dcag  
Implementationsb350