

<b>DOCKETED</b>	
<b>Docket Number:</b>	22-MISC-03
<b>Project Title:</b>	Energy Data Modernization
<b>TN #:</b>	248241
<b>Document Title:</b>	Notice of Commissioner Workshop on Energy Data Modernization and Analytics
<b>Description:</b>	N/A
<b>Filer:</b>	Stephanie Bailey
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	12/28/2022 8:50:35 AM
<b>Docketed Date:</b>	12/28/2022

**CALIFORNIA ENERGY COMMISSION**

715 P Street  
Sacramento, California 95814

[energy.ca.gov](http://energy.ca.gov)

CEC-70 (Revised 11/2021)

*IN THE MATTER OF:*

*Energy Data Modernization and Analytics  
Workshop*

Docket No. 22-MISC-03

NOTICE OF REMOTE-ACCESS  
WORKSHOP

RE: Energy Data Modernization  
and Analytics Workshop

## **Notice of Commissioner Workshop on Energy Data Modernization and Analytics**

**Friday, January 13, 2023**

1:00 p.m. – 5:00 p.m.

Remote Access Only:  
See Attendance Instructions

California Energy Commission (CEC) staff will host a workshop to discuss and seek comments from stakeholders and interested parties on the CEC's data modernization efforts. A quorum of commissioners may participate, but no votes will be taken. The public can participate in the workshop consistent with the attendance instructions below. The CEC aims to begin promptly at the start time posted and the end time is an estimate based on the proposed agenda. The workshop may end sooner or later than the posted end time.

### **Agenda**

The workshop will open with a staff presentation describing the CEC's advancements in its capabilities to collect and analyze data followed by two discussion panels. Panelists will include representatives from state agencies, academia, local government, and industry.

The first panel will discuss what data, and in what format, the CEC should prioritize to make publicly available. Further, what methods or techniques, such as aggregation, the CEC should use to address privacy concerns with publishing the data.

The second panel will discuss data analysis as a service. For example, given the data collected, what types of analysis would provide the most public value while protecting privacy? Further, what tools should the CEC consider providing to allow members of the public to conduct their own analyses?

A detailed workshop schedule will be posted prior to the workshop at [docket 22-MISC-03](https://efilinginternal.energy.ca.gov/Docket/ViewDocket.aspx?docketNumber=22-MISC-03), at <https://efilinginternal.energy.ca.gov/Docket/ViewDocket.aspx?docketNumber=22-MISC-03>.

## **Background**

The CEC collects and analyzes data as an integral part of its work to support California's aggressive energy efficiency, renewable energy, and greenhouse gas reduction goals and policies to achieve a clean energy future for all Californians. The CEC's energy data collection authority in support of conducting mandated energy assessments and forecasts for the state's energy policy development and energy infrastructure planning efforts was clarified in Assembly Bill 802 (Williams, Chapter 590, Statutes of 2015).

In 2016, the CEC adopted an order instituting rulemaking (Order No. 16-0113-05) to develop and implement regulations and guidelines for collecting and processing new data necessary to complete agency requirements for reporting, analyses, assessments, and forecasting. The rulemaking resulted in the adoption of new and amended California Code of Regulations, title 20, sections 1302 et seq. and 2505, effective July 1, 2018.

In December 2018, CEC staff held a workshop on its proposed methodology for the collection and processing of data per California Code of Regulations, title 20, section 1353 "Disaggregated Demand Data." This regulation includes data collection requirements for meter-level energy consumption, associated billing and geographic data, and changes to the existing demand data reporting requirements under the CEC's Quarterly Fuel and Energy Report. Incorporating feedback from the workshop, the CEC staff implemented a method for collecting and processing this data in 2021.

This workshop will include discussion of how the CEC has modernized its data capabilities to date. For example, staff are using this data for energy efficiency evaluation and hourly demand forecasting as directed by Senate Bill (SB) 350, The Clean Energy and Pollution Reduction Act (de León, Chapter 547, Statutes of 2015). SB 350 requires the CEC to set annual targets to achieve a statewide cumulative doubling of energy efficiency savings in electricity and gas end uses by January 1, 2030. The CEC also must report biennially to the Legislature on progress achieved toward meeting the statewide SB 350 energy efficiency doubling targets and impacts on disadvantaged communities. The statute also requires new products from the CEC, including a publicly available tracking system to provide current information on progress toward meeting SB 350 goals and developing disaggregated forecasts of the hourly and seasonal impacts of efficiency savings on statewide and local demand for electricity and natural gas.

The goal of this workshop is to explore:

- What else should the CEC be doing with the data to advance the state's goals of a clean energy future for all?
- What data and analytics can the CEC provide that will have the most value?

## Attendance Instructions

- **To join via Zoom.** Click on <https://energy.zoom.us/j/94347657839?pwd=VzA1Uy9tQ3VxaTEzUDJweHcxQ1JWdz09> or by logging in via Zoom™ at <https://zoom.us/>, entering the **Webinar ID** 943 4765 7839 and **passcode** DATA2023, and follow all prompts.
- **To join by telephone,** call toll-free at (888) 475-4499 or toll at (669) 219-2599. When prompted, enter the **Webinar ID** 943 4765 7839. No Participant ID is required. Press “#” to bypass this step.

**Zoom Closed Captioning Service.** At the bottom of the screen, click the Live Transcript CC icon and choose “Show Subtitle” or “View Full Transcript” from the pop-up menu. To stop closed captioning, close the “Live Transcript” or select “Hide Subtitle” from the pop-up menu. If joining by phone, closed captioning is automatic and cannot be turned off. While closed captioning is available in real-time, it can include errors. A more accurate transcript of the workshop will be docketed and posted as soon as possible after the meeting concludes.

**Zoom Difficulty.** Contact Zoom at (888) 799-9666 ext. 2, or the Public Advisor at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov), or by phone at (916) 957-7910.

## Public Comment

The CEC encourages use of its electronic commenting system. Visit the [e-commenting page](https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=22-MISC-03) at <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=22-MISC-03>, 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 consistent with title 20 of the California Code of Regulations, section 1208.1. The maximum file size allowed is 10 MB.

**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. Depending on the number of members of the public seeking to make a comment, the facilitator may adjust the total time allotted for public comment and the time allotted for each comment.

To comment via Zoom, use the “raise hand” feature so the administrator can announce your name and unmute you. To comment via telephone, press \*9 to “raise your hand” and \*6 to mute/unmute. A workshop administrator will call on you by the last three digits of your phone number. Unmute your phone before introducing yourself and sharing your comment.

The Public Advisor may, upon the request of public participants who may be absent during the workshop when a matter of interest to them is being discussed, neutrally and publicly read those participant comments into the record during the public comment period. If you are interested in this service, please email concise comments, specifying your main points, before the start of the workshop to the Public Advisor at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov) Comments submitted after the workshop starts or that cannot be read within a three-minute timeframe will be filed in the workshop docket.

**Written comments** must be submitted to the Docket Unit by 5:00 p.m. on **January 27, 2023**.

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. Written comments may also be submitted by email. Include docket number **22-MISC-03** and "Data Analytics" in the subject line and email to [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

A paper copy may be sent to:

California Energy Commission  
Docket Unit, MS-4  
Docket No. 22-MISC-03  
715 P Street  
Sacramento, California 95814-5512

## **Contacts**

**Public Advisor.** The CEC's Public Advisor assists the public with participation in CEC proceedings. To request assistance, interpreting services, or reasonable modifications and accommodations, call (916) 957-7910 or email [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov) as soon as possible but at least five days in advance of the workshop. The CEC will work diligently to meet all requests based on availability.

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

**Direct technical subject inquiries** to Jason Harville at [jason.harville@energy.ca.gov](mailto:jason.harville@energy.ca.gov) or (916) 216-9084.

## **Availability of Documents**

[Documents and presentations](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-MISC-03) for this meeting will be available online at docket 22-MISC-03, at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-MISC-03>. When new information is posted, an email will be sent to those subscribed to the Increase Access to Energy Data, Disadvantaged Communities Advisory Group, and Integrated Energy Policy Report topics. To receive these notices or notices of other email subscription topics, visit [Subscriptions](https://www.energy.ca.gov/subscriptions), at <https://www.energy.ca.gov/subscriptions>.

Dated: December 27, 2022, at Sacramento, California

**Subscription Topics:** Increase Access to Energy Data; Disadvantaged Communities Advisory Group; Integrated Energy Policy Report