

DOCKETED

Docket Number:	20-EPIC-01
Project Title:	Development of the California Energy Commission Electric Program Investment Charge Investment Plans 2021-2025
TN #:	238093
Document Title:	Notice of Staff Workshops - EPIC 4 Investment Plan Scoping
Description:	N/A
Filer:	Misa Werner
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	6/2/2021 11:21:14 AM
Docketed Date:	6/2/2021



<i>IN THE MATTER OF:</i>)	Docket No. 20-EPIC-01
)	
Development of the California Energy)	NOTICE OF REMOTE-ACCESS
Commission Electric Program Investment)	WORKSHOPS
Charge Investment Plans 2021-2025)	RE: Investment Plan Scoping

Notice of Staff Workshops

Electric Program Investment Charge 2021-2025 Investment Plan Scoping

Multiple Dates as Indicated Below

Remote Access Only

California Energy Commission (CEC) staff will conduct a series of remote-access workshops to discuss the Electric Program Investment Charge 2021-2025 Investment Plan (EPIC 4 Investment Plan) and solicit public input on specific research topics to inform the plan. While these are staff workshops, Commissioners may attend and participate, but no votes will be taken. The workshops will be held on the dates indicated in the table below.

The workshops 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 can participate in the workshops consistent with the direction in these executive orders. There will be opportunities for public comment. Instructions for remote participation via Zoom or telephone are below.

Workshop Series

The purpose of this workshop series is to provide and solicit information needed to develop the CEC's EPIC 4 Investment Plan. For these workshops, staff will engage with stakeholders on the process, proposed research initiatives, and technical topic areas as described in the table below.

Workshop Title and Description	Date
<u>Connecting Policy and Research in EPIC</u> : This workshop will provide an overview of EPIC including the timeline and process for developing the EPIC 4 Investment Plan. In addition, CEC staff will	Monday, June 14, 2021 10:00 a.m.

discuss the key energy policy drivers and how they will be used to frame the EPIC 4 Investment Plan. Stakeholders will have an opportunity to discuss their ideas and concepts for CEC consideration.	
<u>Unlocking Flexibility from Customer Load Management and Distributed Energy Resource (DER) Technologies:</u> This workshop will explore research and development (R&D) advancements that can further increase the value proposition of DER technologies, including demand response, in providing grid flexibility and other important services to customers and the electric grid. Technology opportunities to increase flexibility from DERs and align electrification load impacts with clean generation will be explored for various sectors such as the building, industrial, agricultural, transportation, and water sectors.	Monday, June 21, 2021 9:30 a.m.
<u>Building Decarbonization:</u> This workshop will frame research questions and discuss potential solutions to overcome the challenges of decarbonizing existing buildings (especially large commercial buildings), including efficient technologies to limit site and electrical infrastructure upgrades required to support new electrical loads, such as electric heat pumps and electric vehicle charging.	Monday, June 28, 2021 9:30 a.m.
<u>Hydrogen Technology:</u> This workshop will explore, among other things, technology advancements to scale hydrogen production and use through renewables and solicit input for developing a <i>Hydrogen Roadmap and Strategic Plan for a Decarbonized California</i> .	Thursday, July 1, 2021 1:00 p.m.
<u>Offshore Wind Energy R&D Opportunities for EPIC 4:</u> This workshop will discuss R&D needs and opportunities for facilitating floating offshore wind in California, including lowering the levelized cost of energy, increasing operational efficiency, and addressing environmental considerations.	Wednesday, July 14, 2021 1:00 p.m.
<u>Industrial Decarbonization:</u> This workshop will discuss potential breakthrough technologies to reduce emissions from industrial processes and explore customer requirements for their adoption. Selected industries could include cement, food processing, metals, chemicals, and glass.	Friday, July 16, 2021 9:30 a.m.
<u>Technology Advancements for Energy Storage:</u> This workshop will explore technology advancements that can make storage more cost-competitive and market ready. This will include sessions on both short-duration (<4 hour) storage as well as medium- to long-duration and seasonal storage.	Tuesday, July 20, 2021 9:30 a.m.
<u>Improving the Bankability of New Clean Energy Technologies:</u> This workshop will discuss the challenges new clean energy technologies face to becoming bankable. In addition, this workshop will discuss what role the CEC can fill in helping new clean energy technologies and start-up companies become bankable, especially as they scale beyond their initial demonstration projects.	Thursday, July 22, 2021 10:00 a.m.

Draft Initiatives for EPIC 4: This workshop will review the research initiatives proposed in the Draft EPIC 4 Investment Plan and solicit public input.	Wednesday, August 4, 2021 9:00 a.m.
---	--

Background

In 2012, the CPUC established EPIC to fill a critical gap in funding for public investments in clean energy research and technology innovation that can provide benefits to electric ratepayers through greater reliability, lower costs, and increased safety. The CPUC selected the CEC and the state’s three largest investor-owned utilities (IOUs) to administer EPIC. Senate Bill 96 (SB 96, Committee on Budget and Fiscal Review, Statutes of 2013) provides additional statutory direction in the CEC’s administration of EPIC. Specifically, SB 96 directs the CEC to award EPIC funds for projects that will benefit electricity ratepayers and lead to technological advancement and breakthroughs to overcome the barriers that prevent achieving the state’s statutory energy goals.

On September 2, 2020, the CPUC renewed EPIC for an additional ten years (January 1, 2021 through December 31, 2030) in Decision 20-08-042 of Rulemaking 19-10-005. In Decision 20-08-042, the CPUC approved the CEC as an EPIC administrator with an annual budget of \$148 million for the first five years and ordered the IOUs to collect funds for the renewed EPIC starting January 1, 2021.

The CPUC’s Decision 20-08-042 requires the CEC to file an investment plan to the CPUC by October 1, 2021, to cover the period of January 1, 2021, to December 31, 2025 (referred to as EPIC 4). CEC staff anticipates that the CPUC will issue a decision on the EPIC 4 Investment Plan in spring of 2022.

Remote Attendance

The workshops may be accessed by clicking the Zoom link below or visiting Zoom at <https://join.zoom.us> and entering the ID and password listed below. **The same login information will be used on all workshop dates.** If you experience difficulties joining, you may contact Zoom at (888) 799-9666 ext. 2, or the CEC’s Public Advisor’s Office at publicadvisor@energy.ca.gov, or at (916) 654-4489, or toll-free at (800) 822- 6228.

Link to Join the EPIC Investment Plan Workshops:

https://energy.zoom.us/webinar/register/WN_T1m9qF6BTI2LeBsMvThD0A

Workshop ID: **927 0621 5380**

Workshop Password: **EPIC2021**

Use the "raise hand feature" to indicate you want to speak, and the event facilitator will indicate when your line is unmuted for you to comment.

To Participate by Telephone, dial (213) 338-8477, or (888) 475-4499 (toll free). When prompted, enter the Workshop ID: **927 0621 5380**. 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 workshops. 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 facilitator can announce your name and unmute you. If you are participating by telephone, press *9 to "raise your hand" and *6 to mute/unmute.

Written comments must be submitted to the Docket Unit by **June 21, 2021** for the first workshop. Written comment deadlines for the subsequent workshops will be specified by staff at those workshops. 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](https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=20-EPIC-01) page for the EPIC Investment Planning Docket (<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=20-EPIC-01>). 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-EPIC-01** "EPIC 4 Investment Plan" in the subject line and email to docket@energy.ca.gov.

If preferred, a paper copy may be sent to:

California Energy Commission
Docket Unit
Docket No. 20-EPIC-01
715 P Street
Sacramento, California 95814

Public Advisor and Other Commission Contacts

The CEC's Public Advisor's Office provides the public with assistance in participating in CEC proceedings. For information on how to participate in this proceeding, or to request interpreting services or other reasonable accommodations, contact us by email at 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 or (916) 654-4989.

Direct technical subject and workshop inquiries to Misa Werner at misa.werner@energy.ca.gov or (916) 776-3477.

Availability of Documents

Documents and presentations for the workshops will be available at the CEC's [EPIC 4 website](http://www.energy.ca.gov/epic4): www.energy.ca.gov/epic4. When new information is posted, an email will be sent to those on the EPIC list serve. To receive these notifications, subscribe at the aforementioned EPIC 4 website. To manage existing subscriptions or sign up for others, visit [CEC List Servers](https://ww2.energy.ca.gov/listservers/index cms.html), <https://ww2.energy.ca.gov/listservers/index cms.html>.

Dated: June 2, 2021, at Sacramento, California

Laurie ten Hope
Deputy Director

List Servers: EPIC, Research, Climatechange, Offshoreenergy, 100_clean_energy, Diversity, DCAG, Barriers, Implementationsb350, Opportunity, Decarbonization