

**DOCKETED**

<b>Docket Number:</b>	20-EPIC-01
<b>Project Title:</b>	Development of the California Energy Commission Electric Program Investment Charge Investment Plans 2021-2025
<b>TN #:</b>	250166
<b>Document Title:</b>	Notice of Transportation Electrification Research Scoping Workshop
<b>Description:</b>	N/A
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<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	5/16/2023 10:28:10 AM
<b>Docketed Date:</b>	5/16/2023

**CALIFORNIA ENERGY COMMISSION**

715 P Street  
Sacramento, California 95814

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

CEC-70 (Revised 7/22)

*IN THE MATTER OF:*

Transportation Research

DOCKET NO. 20-EPIC-01

NOTICE OF REMOTE-ACCESS  
WORKSHOP

RE: Transportation Electrification Research  
Scoping Workshop

## Notice of Transportation Electrification Research

### Scoping Workshop

**May 31, 2023**

2:00 pm –4:00 pm

Remote Access Only

See Attendance Instructions.

The California Energy Commission (CEC) will host a staff workshop to present and solicit feedback on proposed transportation electrification research funding concepts as part of administering the 2021-2025 Electric Program Investment Charge Program (EPIC 4 Investment Plan). Input received on the funding concepts will be used to inform the development of future solicitations.

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 include a staff presentation on potential transportation research funding concepts followed by a public comment and question period.

1. Introduction and Background
2. EPIC 4 Transportation Electrification Initiatives and Proposed Funding Concepts
3. Public Comments and Questions
4. Closing Remarks

A detailed meeting schedule will be posted prior to the workshop at <https://www.energy.ca.gov/events>.

## **Background**

Accelerating transportation electrification is one of California's key strategies for reducing greenhouse gas emissions and meeting the state's climate and clean air goals. However, the anticipated growth in load from transportation electrification has the potential to result in costly impacts to the grid. The use of advanced charging solutions can help to not only mitigate grid impacts but could also enable electric vehicles to provide grid services. Due to the operational and economic complexities of advanced charging solutions, additional research is needed to optimize the integration of electric vehicles into the grid, improve power flow efficiencies, and maximize value. Moreover, as the transportation electrification market continues to grow, research is needed to develop innovative technologies for reusing and recycling electric vehicle batteries and critical materials.

The CEC's Electric Program Investment Charge (EPIC) Program, invests approximately \$133 million annually into scientific and technological research to accelerate the transformation of the electricity sector to meet the state's energy and climate goals. The [Electric Program Investment Charge 2021-2025 Investment Plan \(EPIC 4\)](#)<sup>1</sup>, includes four topics under the Transportation Electrification initiative:

- Topic 20: Efficient Transportation Electrification and Charging Technologies
- Topic 21: Technology Enablers for Using Electric Vehicles as Distributed Energy Resources
- Topic 22: Integrating Distributed Energy Resources for Grid-Supportive Vehicle Charging
- Topic 23: Lithium-Ion Battery Reuse and Recycling Technologies

At this workshop, staff will present research funding concepts derived from the EPIC 4 transportation electrification initiative topics and solicit public comment to help inform the development of future funding solicitations.

## **Attendance Instructions**

Remote attendance only. Participants may join via Zoom by internet or phone.

- **To join via Zoom.** Click on [https://energy.zoom.us/webinar/register/WN\\_Vu4HTvh4S9iJF8jzKu-DQw](https://energy.zoom.us/webinar/register/WN_Vu4HTvh4S9iJF8jzKu-DQw) or login in at <https://zoom.us/> and enter the Webinar ID 846 7092 0913 and passcode 892236, 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 846 7092 0913 and passcode 892236.

**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

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<sup>1</sup> <https://www.energy.ca.gov/publications/2021/electric-program-investment-charge-proposed-2021-2025-investment-plan-epic-4>

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.

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

**Public Comment.**

The CEC encourages the use of its electronic commenting system. Visit the e-commenting page for this docket at <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=20-EPIC-01>. Enter your contact information and a subject title that describes your comment. 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.

**Oral comments** will be accepted during the workshop. Comments may be limited to three minutes or less per speaker. 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.

**Written comments** may be submitted to the Docket Unit by 5:00 p.m. on **June 13, 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 20-EPIC-01 and Transportation Research Concepts in the subject line and email to [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

A paper copy may be mailed to:  
California Energy Commission  
Docket Unit, MS-4  
Docket No. 20-EPIC-01  
715 P Street  
Sacramento, California 95814

**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.

**Media Inquiries.** Email [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or call (916) 654-4989.

**General Inquiries.** Email Rhetta deMesa at [Rhetta.deMesa@energy.ca.gov](mailto:Rhetta.deMesa@energy.ca.gov) or call (916) 628-1640.

**Availability of Documents:** Documents and presentations for this meeting will be available at <https://www.energy.ca.gov/events> or at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-EPIC-01>.

When new information is posted, an email will be sent to those subscribed to the Energy Research and Development or Electric Program Investment Charge (EPIC) Program 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:** May 12,2023 at Sacramento, California.

Jonah Steinbuck  
Director of the Energy Research and Development Division  
Energy Research and Development Division

**Subscriptions:**  
Energy Research and Development, Electric Program Investment Charge (EPIC) Program, Vehicle-Grid Integration