

DOCKETED	
Docket Number:	19-TRAN-02
Project Title:	Medium- and Heavy-Duty Zero-Emission Vehicles and Infrastructure
TN #:	245688
Document Title:	Notice of Staff Workshop on Electric School Bus Infrastructure
Description:	September 13, 2022; 10:00 a.m. - California Energy Commission (CEC) Staff will host a staff workshop to discuss a funding concept for electric school bus bi-directional infrastructure.
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	8/24/2022 4:16:01 PM
Docketed Date:	8/24/2022

CALIFORNIA ENERGY COMMISSION

715 P Street
Sacramento, California 95814

energy.ca.gov

CEC-70 (Revised 11/2021)



IN THE MATTER OF:

*Electric School Bus Bi-Directional
Infrastructure Funding Concept*

Docket No. 19-TRAN-02

NOTICE OF REMOTE-ACCESS
WORKSHOP

RE: Electric School Bus Infrastructure

**Notice of Workshop on
Electric School Bus Bi-Directional Infrastructure Funding Concept
September 13, 2022
10:00 a.m. – 12:00 p.m.**

**Remote Access Only (via Zoom)
See instructions below.**

California Energy Commission (CEC) staff will host a workshop to discuss funding for an electric school bus bi-directional infrastructure concept. The workshop will be held remotely. The public can participate in the workshop consistent with the directions provided below. The CEC aims to begin promptly at the posted start time, and the end time is an estimate based on the proposed agenda. The workshop may end sooner or later than the posted end time depending on various factors.

Agenda

The workshop will include a staff presentation on the proposed funding concept, including the background, and an overview of available funding. There will be opportunities for Q&A and public comment.

A detailed agenda with a funding solicitation concept description will be posted prior to the workshop to the [19-TRAN-02 docket log](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-TRAN-02) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-TRAN-02>.

Background

As we have seen over the last few summers, and as is expected to be the case for years to come, extreme heat and other impacts resulting from the climate crisis threaten the reliability of California's electrical grid. California must now account for increasing levels of large fires, droughts beyond historical levels, and increased energy demand due to hotter temperatures. Additionally, with the continuing threat of wildfires, utilities may proactively schedule Public Safety Power Shutoff (PSPS) events to reduce the risk of their infrastructure causing or contributing to a wildfire. These events can leave communities and essential facilities without power for extended periods of time, creating hardships for vulnerable communities.

This workshop will discuss a funding solicitation concept designed to advance and prepare California public school districts to utilize vehicle-grid-integration (VGI) for battery electric school buses. The objective of this solicitation is to mitigate the impact of PSPS events and wildfires and to create additional energy resources during periods of high electricity demand. This will be achieved by funding projects that deploy bi-directional charging infrastructure at several complementary locations. Electric school buses with bi-directional capabilities can help offset some of the impacts and challenges of grid reliability and PSPS events. Certain California school district fleets now feature buses that are ready to take advantage of the benefits of vehicle-to-grid integration, with many more battery-electric buses expected to be ordered throughout the state in the near future. These districts will need expertise to understand the most beneficial uses for their new technologies, and how they can maximize benefits for their communities.

The fiscal year (FY) 2021 – 2023 Clean Transportation Program Investment Plan allocates approximately \$391 million for MD/HD infrastructure from the Clean Transportation Program and a one-time investment from the California State General Fund. This workshop will discuss and receive stakeholder feedback on a solicitation concept that proposes to use \$10 million of these funds.

Remote Attendance Instructions

The workshop may be accessed by clicking the Zoom link below or visiting [Zoom](https://zoom.us) at <https://join.zoom.us> and entering the ID and password for the workshop listed below. If you experience difficulties joining, contact Zoom at (888) 799-9666 ext. 2, or the Public Advisor at publicadvisor@energy.ca.gov or at (916) 957-7910.

Link to Workshop:

<https://energy.zoom.us/j/97134794228?pwd=TUQ1dGFHWHJJaEtyblhpTUZSeStMQT09>

Workshop ID: 971 3479 4228

Workshop Password: 728068

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, dial (213) 338-8477 or (877) 853-5257 (toll free).

When prompted, enter the ID: 971 3479 4228. To comment, dial *9 to "raise your hand" and *6 to mute/unmute your phone line.

Zoom's closed captioning service will be enabled for the meeting. Attendees can use the service by clicking on the "live transcript" icon and then choosing either "show subtitle" or "view full transcript". The closed captioning service can be stopped by exiting out of the "live transcript" or selecting the "hide subtitle" icon. Closed captioning cannot be deactivated by phone.

Public Comment

Questions and feedback are encouraged; staff will dedicate time for oral questions and feedback throughout the workshop. Oral comments will also 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.

Written comments must be submitted to the Docket Unit by 5:00 p.m. September 30, 2022.

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 for docket [19-TRAN-02](#) at <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=19-TRAN-02>, 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 **19-TRAN-02** and "Electric School Bus Infrastructure Workshop" in the subject line and email to docket@energy.ca.gov.

A paper copy may be sent to:

California Energy Commission
Docket Unit, MS-4
Docket No. 19-TRAN-02
715 P Street
Sacramento, California 95814

Public Advisor and Other CEC Contacts

The CEC's Public Advisor provides the public with assistance in participating in CEC proceedings. For information about how to participate in this workshop or to request interpreting services or other reasonable modification and accommodations, reach out by phone at (916) 957-7910 or via

email at publicadvisor@energy.ca.gov. Requests should be made for interpreting services, reasonable modifications and accommodations as soon as possible but at least five days in advance of the workshop. However, the CEC will work diligently to meet all requests based on the availability of the service or resource requested.

Direct media inquiries to mediaoffice@energy.ca.gov or (916) 654-4989.

Direct inquiries related to the workshop and VGI to Manuel Aguila at manuel.aguila@energy.ca.gov or (916) 891-9138, or Ian Baird at ian.baird@energy.ca.gov or (916) 805-7480.

Availability of Documents

Documents and presentations for this meeting will be available on the [19-TRAN-02 docket log](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-TRAN-02) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-TRAN-02>.

When new information is posted, an email will be sent to those subscribed to the School Bus Replacement Program, Clean Transportation Program, Distributed Generation, Disadvantaged Communities Advisory Group, and California Vehicle-Grid Integration Roadmap Update list subscriptions. To receive these notices, or sign up for other email subscription topics, visit [Subscriptions](https://www.energy.ca.gov/subscriptions), at <https://www.energy.ca.gov/subscriptions>.

Dated: August 24, 2022, at Sacramento, California

Hannon Rasool

Director, Fuels and Transportation Division

Subscription Topic: School Bus Replacement Program, Clean Transportation Program, Distributed Generation, Disadvantaged Communities Advisory Group, California Vehicle-Grid Integration Roadmap Update