

**DOCKETED**

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<b>Project Title:</b>	School Bus Workshops
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<b>Document Title:</b>	Presentation of Workgroup #1 to Discuss the SB 114 Grants for Zero - Emission School Buses and Infrastructure
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<b>Filer:</b>	Spencer Kelley
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# Workgroup #1 to Discuss the SB 114 Grants for Zero-Emission School Buses and Infrastructure

December 5, 2023



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**California Energy Commission**

**Manuel Aguila**  
**Air Pollution Specialist**  
**California Air Resources Board**





# Housekeeping



- Zoom recording
- Attendee list
- Muting on zoom
- Questions & answers, chat function



# Agenda



1. Workgroup goals
2. Poll questions
3. Funding background
4. Available funding
5. Eligible applicants and priority grantees
6. Eligible technologies
7. Award requirements
8. Discussion 1
9. Program requirements
10. Next steps
11. Discussion 2
12. Contact information



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# Workgroup Goals



# Workgroup Goals



1. Make eligible local educational agencies aware of new funding made available through Senate Bill 114
2. Summarize statutory requirements for the Zero-Emission School Bus and Infrastructure (ZESBI) grants
3. Receive feedback from attendees on program development
4. Discuss how attendees can stay informed on future program developments



# Poll Questions





# Poll Question #1



## What type of organization do you represent?

- School district or local educational agency
- Third-party school transportation provider
- Local or regional government
- Federal agency
- Public attendee
- School bus dealer/manufacturer
- Consultant
- Utility provider
- Non-profit/community organization
- Other







# Poll Question #2



**Does your School District currently own or operate any zero-emission (ZE) school buses?**

- Yes
- No, but we plan to purchase one soon
- No
- Not Sure
- I do not represent a school district





# **Zero-Emission School Bus and Infrastructure (ZESBI) Grants Background**





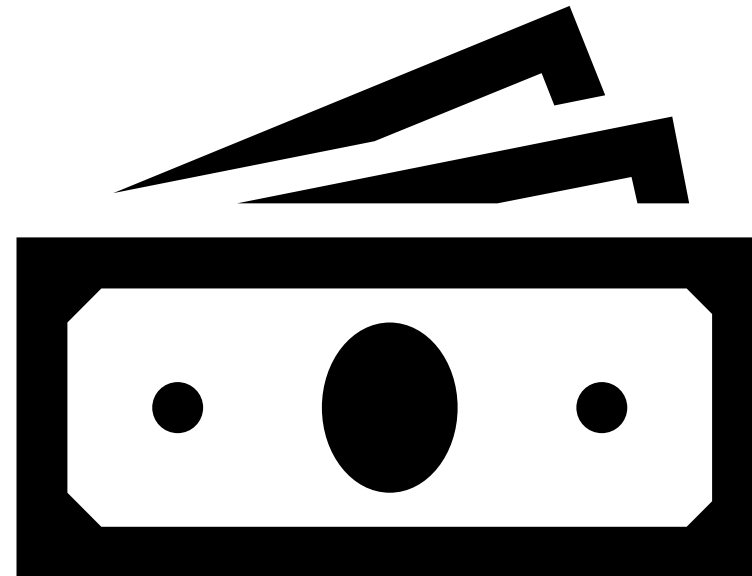
# ZESBI Funding Background



- [SB 114 \(Committee on Budget and Fiscal Review, Section 121 of Chapter 52, Statutes of 2022\)](#)
- Replacement of heavy-duty internal combustion engine (ICE) school buses owned by local educational agencies with ZE school buses and supporting charging or fueling infrastructure
- Part of the \$1.5 billion appropriated in the 2022 budget and amended in the FY 2023-24 budget



# Available Funding





# Available Funding



A total of **\$500 Million** is appropriated from SB 114 for ZESBI in the 2023-2024 Fiscal Year (FY).

Agency (Program)	Purpose	Amount of Funding
California Air Resources Board (HVIP)	Purchase of ZE School Buses	\$375 Million
California Energy Commission (Implementer TBA)	Purchase of Charging or Fueling Infrastructure, and Associated Costs	\$125 Million



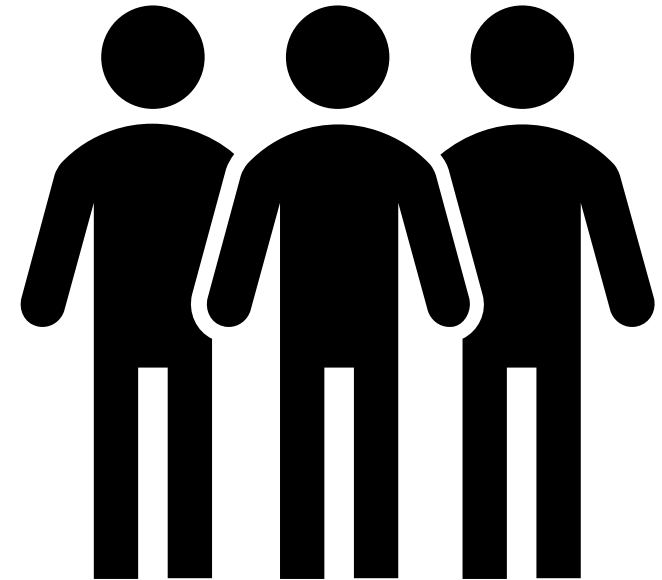
# Anticipated Future Funding

The California Legislature has indicated its intent to continue to fund ZESBI grants after the 2023-2024 FY

Fiscal Year	Anticipated Funding
2024 - 2025	<ul style="list-style-type: none"><li>• \$375 Million to CARB for ZE School Buses</li><li>• \$125 Million to CEC for Supporting Infrastructure</li></ul>
2025 - 2026	<ul style="list-style-type: none"><li>• \$375 Million to CARB for ZE School Buses</li><li>• \$125 Million to CEC for Supporting Infrastructure</li></ul>



# Eligible Applicants and Priority Grantees





# Eligible Applicants



"Local Educational Agency" (LEA):

- Public School Districts
- County Offices of Education (COE)
- Joint Powers Authority (JPA)
- Charter Schools\*

\*Not eligible if designated as a "nonclassroom-based charter school"  
as of FY 21-22





# Priority Grantees



1. Small school districts:
  - Less than 2,501 units of average daily attendance (CALPADS)
2. Rural school districts
  - Local codes 31, 32, 33, 41, 42, or 43 (NCES)
3. LEAs serving a high percentage of unduplicated pupils
  - English learner, eligible for a free or reduced-price meal, or is a foster youth (California Education Code)



# Priority Grantees



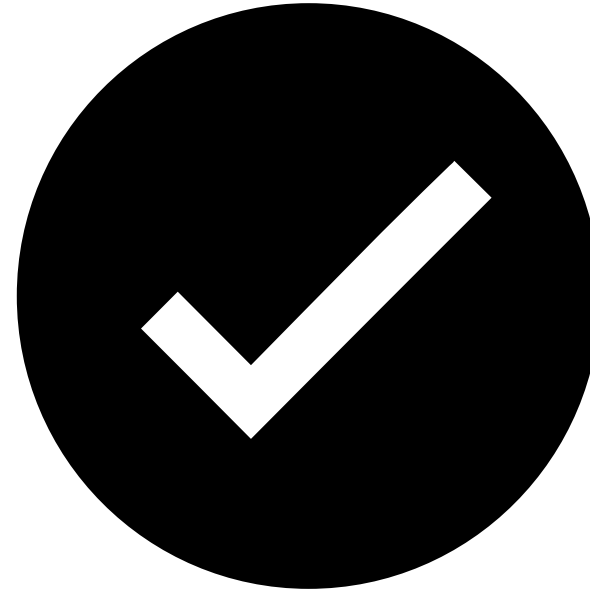
4. Grantees replacing the oldest ICE school buses in California
5. Grantees purchasing ZE school buses with bidirectional charging capabilities





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# Eligible Technologies





# Eligible Technologies



## Priority:

ZE school buses and their charging and refueling infrastructure

## Also Eligible:

Renewable fuel school buses and infrastructure\*

\***IF** LEA provides sufficient evidence of

1. Significant barriers to the adoption of ZE technology
2. Alternate approaches to decrease internal combustion vehicle use are not appropriate

**Note: FY 23-24 grants will only fund ZE technologies**



# Award Requirements





# Award Breakdown



- **At least 90%** of the grant award to be spent on ZE school buses and supporting charging infrastructure and associated costs
- **At most 10%** of the grant award can be spent on the LEA's school transportation program
  - Grant awards should supplement, not supplant, existing services and funds provided by grantees in support of transportation programs



# Grantee Requirements



1. Scrappage of an old bus
  - Scrappage must occur no later than 24 months from date of delivery of the replacement vehicles
2. Proof of scrappage of the retired ICE school bus(es)
3. Submit school bus and infrastructure information and documentation resulting from the grants



# Discussion 1: Discussion Question



- Are there any questions regarding the available funding and requirements put forth by SB 114?



Use the Raised Hand Function (#2 if Calling in by Phone)



Please State Your Name and Affiliation Before Asking a Question or Making a Comment





# Program Requirements





# Agency Program Requirements



CARB and the CEC must:

1. Consult with Department of General Services (DGS) to establish statewide contracts with manufacturers of zero- or low-emission school buses
2. Create program guidelines relative to their respective activities
3. Coordinate to offer a single application to cover vehicle purchases, infrastructure investments, and other associated funding request



# Statewide Procurement Contract



## ZE School Bus Base Prices Under Procurement Contract

	<b>BYD</b> <u><a href="#">1-23-23-18A</a></u>	<b>Phoenix</b> <u><a href="#">1-23-23-18B</a></u>	<b>Navistar</b> <u><a href="#">1-23-23-18A</a></u>	<b>Blue Bird</b> <u><a href="#">1-23-23-18D</a></u>	<b>Lion Electric Co</b> <u><a href="#">1-23-23-18E</a></u>
<b>Type A</b>	\$306,030	\$261,867	-	-	-
<b>Type A with Wheelchair Lift</b>	\$316,130	\$267,326	-	-	-
<b>Type C</b>	-	-	\$328,274	\$406,154	\$344,798
<b>Type C with Wheelchair Lift</b>	-	-	\$353,753	\$428,879	\$352,052
<b>Type D</b>	\$417,130	-	-	\$435,262	\$360,626
<b>Type D with Wheelchair Lift</b>	\$436,320	-	-	\$454,503	\$368,736

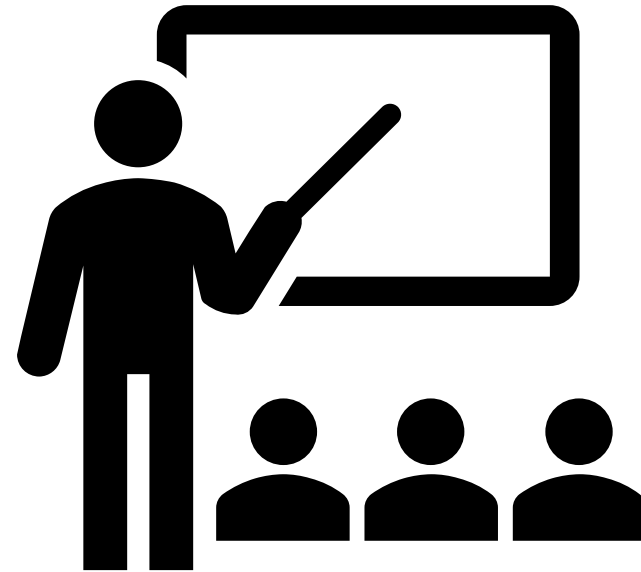
Any California local educational agency or government can utilize the contract to purchase zero-emission school buses.

More information available at:

<https://www.dgs.ca.gov/PD/Resources/Find-EPP-Goods-and-Services/Transportation/Vehicles>



# Next Steps





# ZESBI



## Program Development

### CEC

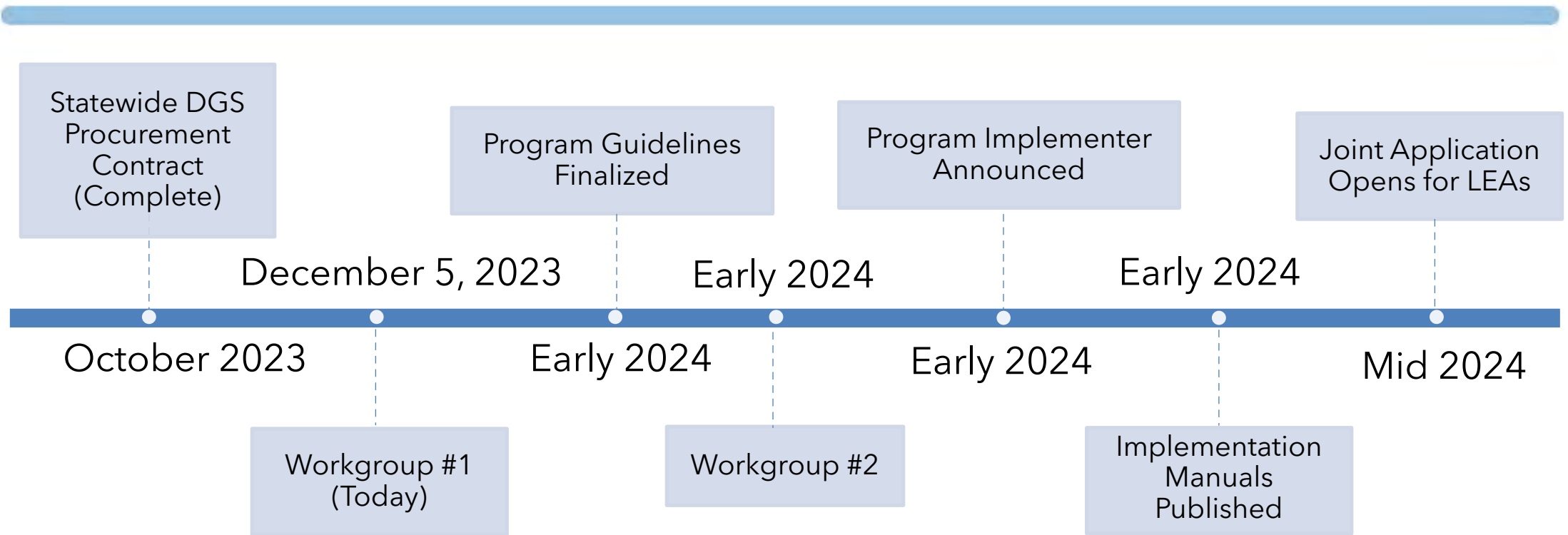
- ZESBI funding for infrastructure will be awarded through a TBA program
  - Implementer: TBA
- Guiding Principles for funding will be released late 2023
- Implementation Manual for funding to be released early 2024

### CARB

- ZESBI grants for ZE school buses will be awarded through HVIP
  - Implementer: CALSTART
- Implementation Manual for funding will be released early 2024



# Proposed Timeline Overview



Timeline is tentative and subject to change



# Stay Connected



- Subscribe to [CEC Listservs](#)
  - Clean Transportation Program
  - Zero Emission School Bus and Infrastructure Program
- Subscribe to [CARB Listserv](#)
  - School Bus Topic
- Docket number
  - [18-TRAN-01](#)



# Poll Question #3



## Which principle should be followed when determining how to distribute funds?

- Fund as many school districts as possible, even if it means each school district can only receive funds for one or two buses
- Ensure that prioritized school districts have funding to purchase as many buses as they need, even if it means that fewer school districts receive funding overall
- Unsure, or no opinion





# Poll Question #4



## How much funding should be provided for the buses?

- The entire cost, or close to the entire cost of the bus should be funded so price isn't an obstacle for school districts
- Local educational agencies should be expected to cover a small portion of the cost of a school bus to increase the number of grants that can be awarded
- Unsure, or no opinion



# Discussion 2: Program Development



- Are there any suggestions for CARB and/or the CEC's ZESBI grants?
- Is there relevant feedback from the HVIP and EnerglIZE public school bus set aside programs that should be considered when administering these grants?



# Key Dates



Activity	Date
Today's Work Group Comments Due	December 19, 2023 @ 5:00 PM PST
Second Work Group	Early 2024
Joint Application Window for LEAs Opened	Mid-2024



# Contact Us



## **SCHOOL BUS**

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## **INFRASTRUCTURE**

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# Submit Comments



## Comment by E-Mail

E-mail: [docket@energy.ca.gov](mailto:docket@energy.ca.gov)

Subject Line: "18-TRAN-01 SB 114 Funding Available for Zero Emission School Buses and Infrastructure"

## Electronic Commenting System

Visit the Comment Page for Docket # 18-TRAN-

01 at: <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=18-TRAN-01>

**Deadline to submit comments: December 19, 2023 5:00**  
**PM**