



October 22, 2024

# **Electric School Bus Funding Program Webinar**

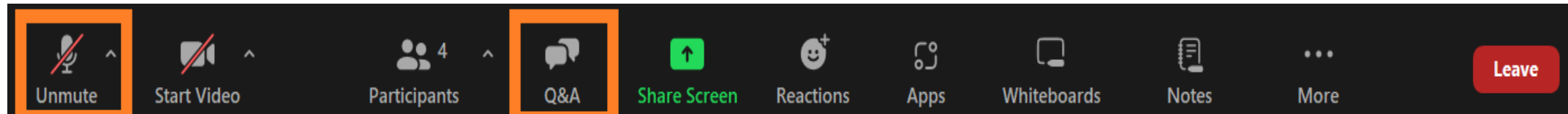
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**Staff Specialist**

**Bay Area Air Quality Management District**

# Webinar Information



- This webinar is being recorded
- We have muted all the participants audio and turned off video.

# Webinar Information

- Please use the Q&A function to submit your questions. We will answer them at the end of the presentation.
- Presentation slides are available at <https://www.baaqmd.gov/funding-and-incentives/businesses-and-fleets/school-buses> and the recording will be posted there as well.
- Email [grants@baaqmd.gov](mailto:grants@baaqmd.gov) for a copy of the slides and recording, if needed.

# Webinar Outline

- School Bus Program Overview
  - Who can apply?
  - Eligibility requirements
  - Funding Amounts
- Infrastructure Funding Overview and Requirements
- Project Process
  - How to Apply
  - What to Expect
- Additional Resources
- Q&A

# Intended Audience



- Electric School Bus Information Only
- No Stand-Alone Infrastructure Applications

# Overview

## Goal:

- Replace older higher emitting school buses with electric school buses
- Support charging infrastructure

## Funding Opportunity:

- \$80 Million in funding available
- First-come, first-served
- Only projects operating in priority communities are eligible

# School Bus Eligibility – Eligible Applicants

## Who is eligible?

- Public school districts
- Public charter schools
- Joint power authorities
- Private Transportation Providers



# School Bus Eligibility – Baseline Vehicles

## Requirements for baseline vehicles:

- Buses with GVWR  $\geq$  14,001 lbs.
- California Highway Patrol Form 292
- Proof of insurance
- Registered with Department of Motor Vehicles
- Ownership Requirements
  - Sole owner of vehicle documented through title
  - No lien holder on vehicle title
  - Owned and operated vehicle for previous 24 months



# School Bus Eligibility - Replacement Vehicles

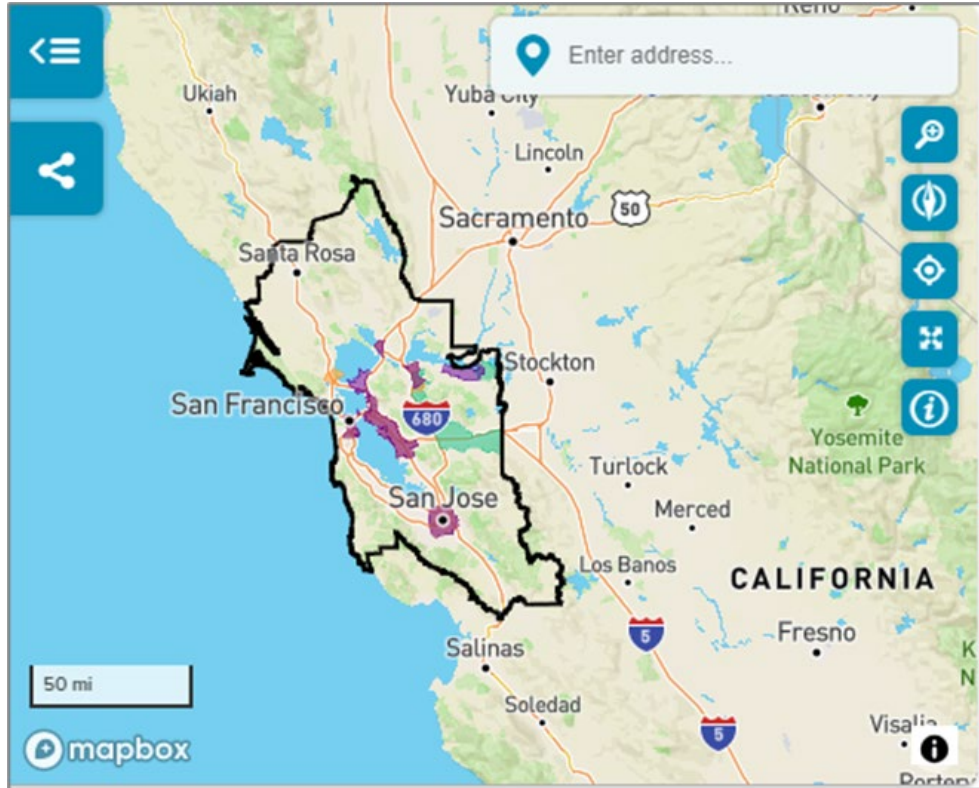
## Eligible replacement vehicles

- Buses with GVWR  $\geq$  14,001 lbs.
- Replacement vehicle must be new and like-for-like
- Zero-emission electric
- CARB certification
- Warranty documentation

# General Requirements

- Operate in Air District Jurisdiction
- Projects must operate in:
  - Low-income
  - Disadvantaged
  - AB617 Community:
    - West Oakland
    - East Oakland
    - Richmond-San Pablo
    - Bayview-Hunters Point/Southeast San Francisco

# General Requirements Continued



<https://www.baaqmd.gov/community-health/community-health-protection-program/community-air-risk-evaluation-care-program>



<https://ww3.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm>

# General Requirements Continued

- **Usage Documentation**
  - Acceptable documents include:
    - In-house inspection records
    - Mileage logbooks
    - Maintenance records
    - CHP inspection records
    - Fleet tracking software logs
  - Two twelve-month periods within previous thirty months

# General Requirements Continued

**March  
22,  
2022**



**Today:  
October 22,  
2024**



# General Requirements Continued

California Air Resources Board Truck and Bus Regulation Compliant

- Email: [trucrs@arb.ca.gov](mailto:trucrs@arb.ca.gov)
- Phone: 1-866-6DIESEL (1-866-634-3735)

# School Bus & Infrastructure Funding

- Grants can fund up to 100% of eligible costs associated with school buses and infrastructure
- Applications for infrastructure must include school bus replacements
- Funding available for level 2 and DC fast chargers and associated installation/construction
- See website for list of eligible costs: [baaqmd.gov/schoolbuses](https://baaqmd.gov/schoolbuses) and [baaqmd.gov/infrastructure](https://baaqmd.gov/infrastructure)

# Infrastructure Project Requirements

## Documents to include in your application:

- Itemized quote
- Warranty Information

## Additional Requirements:

- Own land or long-term lease
- Battery electric charging equipment Level 2 or higher
- Equipment must be new
- Permanently installed and located in Air District boundaries



# PG&E EV Fleet Program

- Program offers infrastructure incentive and charging rebates
- Contact Information for PG&E EV Fleet Program – Tim O’Neil
  - Email: [TKO2@pge.com](mailto:TKO2@pge.com)
  - Phone: (209) 401-8189



# Funding Examples

## Buses

Bus Type	Baseline Engines	New Replacement Engines	Annual Usage	Potential Funding	Cost Per Bus	Actual Funding Per Bus
6 Type A	1999 diesel 215 - 225 hp	2021 electric 215 hp	3,375 miles / bus	Up to 100% of eligible project cost	\$270,376	\$90,000 (33%) DERA \$175,000 (65%)
4 Type C	1999, 2002 diesel 195 hp	2021 electric 295 hp	7,900 miles / bus	Up to 100% of eligible project cost	\$393,132	\$393,132

## Infrastructure

Equipment Type	Description	Annual Usage	Potential Funding	Cost	Actual Funding
Infrastructure	Install 10 level 2 electric chargers including trenching, switchboard installation, bollards, etc.	N/A	Up to 100% of eligible project cost (materials & labor)	\$215,000	\$215,000

# How to Apply

- Review the School Bus Program equipment webpage [www.baaqmd.gov/schoolbuses](http://www.baaqmd.gov/schoolbuses)
- Contact the Air District for a consultation on your potential project
- Understand all applicable state regulations that may apply to the proposed project equipment
- Start gathering all the information about the equipment and required documents
- Contact an equipment dealership on identifying the replacement equipment

# Grant Process



Application  
submission

- Project approval
- Committee/BOD approval needed for  $\leq$  \$500K projects
- Air District inspects old equipment



Contract  
execution

- Contract executed
- Dealer orders and delivers new equipment

# Grant Process Continued

New Equipment  
Delivered

- New equipment inspected
- Old equipment sent to dismantler

Old equipment  
destroyed

- Old equipment destroyed
- Destroyed equipment inspected

Payment

- Payment issued
- Meet minimum usage
- Annual reporting

# **Let's Drive Positive Change!**

**Even though the time children spend in diesel school bus commute accounts for less than 10% of a child's day, the commute contributes to 33% of a child's daily exposure to some air pollutants.**

# Additional Resources

- Carl Moyer Program Guidelines
- Online System User Guide
- School Bus Program Fact Sheet
- CARB School Bus Regulation Fact Sheet
- Required School Bus Application Checklist
- Webinar Presentation Slides

# Contact Information

[www.baaqmd.gov/schoolbuses](http://www.baaqmd.gov/schoolbuses)

Apply online at: [www.baaqmd.gov/schoolbuses](http://www.baaqmd.gov/schoolbuses)

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

[grants@baaqmd.gov](mailto:grants@baaqmd.gov)

(415) 749-4994



# Five Minute Break



# Q&A

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