Bay Area Air Quality Management District: School Bus Grant Program Webinar

December 7, 2023

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Bay Area Air Quality Management District
• This webinar is being recorded
• We have muted all the participants audio and turned off video.
Webinar Information

• Please send your questions to the “Pls send me your question - Jason” host in the chat box. 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 for a copy of the slides and recording, if needed.
School Bus Program 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

- Air District School Bus Information Only
- No Stand-Alone Infrastructure Applications
Overview

OBJECTIVE
• Replacing older higher emitting school buses with electric school buses.
• Support charging infrastructure.

Funding Opportunities
• $80 Million in funding available.
• Air District runs several programs for school bus projects.
• Submit one application for all programs.
• First-come, first-served. Only applicants 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 ≥ 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 ≥ 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 a
  - Low-income,
  - Disadvantaged,
  - AB617 Community:
    - West Oakland,
    - East Oakland,
    - Richmond-San Pablo, and
    - Bayview-Hunters Point/Southeast San Francisco
General Requirements Continued


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

June 7, 2021

Today: December 7, 2023

Thirty Months

Twelve Months

Twelve Months
General Requirements Continued

- School Board Resolution
- California Air Resources Board Truck and Bus Regulation Compliant
  - Email: trucrs@arb.ca.gov
  - Phone: 1-866-6DIESEL (1-866-634-3735)
School Bus Funding Amounts

- Cost-Effectiveness Calculations
- Grants up to 100% subject to maximum funding amounts
- Air District can perform sample calculations prior to application submittal
School Bus Infrastructure Funding

- Applications for infrastructure must include school bus replacements
- Funding available for level 2 and DC fast chargers and associated installation/construction
- Funding amount
  - 100% of eligible costs
  - Solar and wind eligible
Infrastructure Project Application

- Documents to include in your application:
  - Itemized quote
  - Warranty Information
Infrastructure Project Requirements

• General 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
  - Phone: (209) 401-8189
# Funding Examples

## Buses

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

## Infrastructure

<table>
<thead>
<tr>
<th>Equipment Type</th>
<th>Description</th>
<th>Annual Usage</th>
<th>Potential Funding</th>
<th>Cost</th>
<th>Actual Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infrastructure</td>
<td>Install 10 level 2 electric chargers including trenching, switchboard installation, bollards, etc.</td>
<td>N/A</td>
<td>Up to 100% of eligible project cost (materials &amp; labor)</td>
<td>$215,000</td>
<td>$215,000</td>
</tr>
</tbody>
</table>
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

Apply online at: [www.baaqmd.gov/moyer](http://www.baaqmd.gov/moyer)
Grant Process

Application submission

- Project approval
- MSCIC/BOD approval needed for ≤ $500K projects
- Air District inspects old equipment

Contract execution

- Contract executed
- Dealer orders and delivers new equipment
Grant Process Continued

- New equipment inspected
- Old equipment sent to dismantler
- Old equipment destroyed
- Destroyed equipment inspected
- 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

Apply online at: www.baaqmd.gov/moyer

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

grants@baaqmd.gov
(415) 749-4994
Five Minute Break
Q&A

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