



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

**Carl Moyer Memorial Air Quality
Standards Attainment Program**

*School Bus Project
Fact Sheet*



The Carl Moyer Memorial Air Quality Standards Attainment Program (CMP) is accepting applications for school bus projects beginning **June 25, 2018**. Funding for school bus projects is provided through CMP, local Mobile Source Incentive Funds (MSIF) and the Community Health Protection Grant Program to assist public school bus fleet operators to reduce harmful vehicle emissions from older equipment.

NEW Program changes! Funding for school buses, transit buses, electric & alternative-fueled equipment, charging & fueling infrastructure – larger funding amounts!

Who can apply?

Public school districts and Joint Powers Authorities (JPA), public charter schools, county offices of education and private fleets contracted to provide public school transportation may apply. Under CMP, only public school districts and JPA’s are eligible for bus replacement options (other fleets can apply for bus replacement under the On-Road Vehicle project category (www.baaqmd.gov/onroad)). Under the Community Health Protection Program, all public school bus fleets (including transportation companies) may apply for all project options. Before submitting an application, contact our staff to discuss your fleet so that we can assist you to apply for the correct program option.

The following counties are part of the Air District’s jurisdiction: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara and southern portions of Solano and Sonoma. CMP-funded equipment must operate within the Air District’s jurisdictional boundaries. **Priority is given to projects that reduce emissions in the following impacted communities:** 1) Concord, 2) Richmond/San Pablo, 3) Western Alameda County, 4) San Jose, 5) Livermore, 6) Eastern San Francisco, 7) San Rafael, 8) Vallejo, and 9) Antioch/ Pittsburg. Jurisdiction and priority community maps are available at: www.baaqmd.gov/moyer.

Under the **Community Health Protection Grant Program**, higher grants are available for the replacement of diesel-fueled equipment with zero-emissions (or cleanest available) equipment operating in economically disadvantaged areas in the following corridors:

- The 880/80 Corridor – Hayward to Richmond, including East and West Oakland, Berkeley and Richmond; and/ or
- The Refinery Corridor – Rodeo, Vallejo, outside Martinez to Pittsburg.

More information about this funding priority is available at www.baaqmd.gov/AB617grants. Air District staff will determine whether applications meet Community Health Protection Grant Program and Carl Moyer Program requirements.

What types of projects are eligible for grants?

Grants are available for school bus replacement, engine repower or power system conversion, natural gas tank replacement on existing buses and battery charging & alternative fueling infrastructure (only in support of a vehicle/engine project). School bus fleets must be compliant with the CARB Truck & Bus Regulation; incentive funds cannot be used to bring a fleet into compliance. Eligible buses must have a minimum gross vehicle weight rating (GVWR) of 14,001 lbs or heavier and be fueled by diesel or natural gas (or LPG). Engine retrofit projects

and projects for smaller buses (<14,000 lbs) may be considered on a case-by-case basis. See **Table 1** below for grant amounts and maximum award limits (caps).

Since public school districts or JPA's can receive up to 100% of the costs to replace school buses and install fueling & charging equipment, these applicants are strongly encouraged to propose projects for zero- and near-zero equipment that significantly reduce children's exposure to harmful emissions. Any commercially-available equipment certified, verified, or having an approval letter by CARB is eligible for funding. Vendors are good sources of information for these equipment options or contact our staff.

Funding determinations are based on the cost-effectiveness of the project by annual emissions reduced as compared to dollars awarded (i.e., tons reduced per dollar). Funded equipment for projects must be new (never owned); no used equipment can be funded.

What other information should I know about grants for school buses?

- Applicants submit documentation about existing engines and buses (e.g. make, model, horsepower); title; mileage, insurance and DMV registration documentation for the 24 months prior to application and vendor quotes (including ARB Executive Order) for replacement equipment
- Public school districts must submit a school board Resolution approving the application and proposed project costs which includes the required text below:
“WHEREAS the (Board, District or name of the District) is aware that funding is available through the Carl Moyer Program for purchase of the cleanest available equipment, including zero-emissions and near-zero-emissions school buses and the charging or fueling infrastructure to support the use of these buses, and the (Board, District or name of the District) was offered the opportunity to fund zero-emissions and near-zero-emissions school bus equipment.”
- Bus replacement projects require destruction of the old/existing equipment
- If funding is available (on a case-by-case basis), the Air District may consider fleet expansion projects involving the purchase of zero-emission buses for school districts in Priority Communities: contact our staff for information
- CNG tank replacement projects require existing tanks be between 14 & 16 years old and application be approved & funded within 18 months of the tanks' expiration date/s
- Applicants submit a single application including all equipment for which they wish to receive a grant
- School bus conversions must comply with applicable legal, engineering and warranty requirements for the equipment. This project type also specifies eligibility requirements for the old/existing bus & engine. These are described in detail in the CMP Guidelines (see below for link).
- For all projects, **no work is to be done and no equipment is to be ordered** until the Grantee and Air District have fully-executed (signed by both parties) a grant agreement (contract) for the project.

Applications are evaluated on a first-come, first-served basis until all funds have been awarded. Applications must be complete to be considered for funding.

Apply online at: www.baaqmd.gov/moyer

What can I do now, before I start my application?

- Read this Fact Sheet completely. This is a summary – not a full list of Program requirements.
- For complete information about Program requirements, visit:
 - Air District School Bus program webpage: www.baaqmd.gov/LESBP

- CARB Carl Moyer Program guidelines – Chapter 4-On-Road Vehicle or Chapter 10-Infrastructure projects at: <https://www.arb.ca.gov/msprog/moyer/guidelines/current.htm>
- CARB Advisories 15-30 & 15-30B at: <https://www.arb.ca.gov/bonds/schoolbus/advisory/advisory.htm>
- Understand CARB Truck & Bus Regulation requirements, available at: www.arb.ca.gov/truckstop
- Collect information and materials for your application and discuss equipment options with your engine or vehicle dealer.
- Contact Michael Neward (mneward@baaqmd.gov or 415-749-4703) or Monte DiPalma (mdipalma@baaqmd.gov or 415-749-8701) with questions.

**Table 1 - Maximum Funding Amounts for Public School Bus Projects
(cost-effectiveness results may limit funding amount)**

Project Type	Maximum Funding (per piece of equipment)
School Bus Replacement (diesel)	\$165,000
School Bus Replacement – with engines certified to any of the optional Low-NOx standards (i.e. 0.1,0.05, or 0.02 g/bhp-hr)	\$220,000
Hybrid School Bus Replacement ¹	\$220,000
Zero-Emission (electric or fuel cell) Bus Replacement or Conversion ¹	\$400,000
School Bus Repower	\$70,000
Diesel retrofit installation (per bus) [can include filter maintenance machinery or service contract up to \$2,500 as part of the grant award]	\$20,000
Natural gas fueling or battery-electric charging infrastructure, or vehicle-to-grid power infrastructure - with School Bus Replacement	up to 100%
On-board Natural Gas Fuel Tank Replacement [can include one-time replacement of deteriorating natural gas dispensers]	up to 100%

¹ Eligible for co-funding with other state (e.g., HVIP, CA Energy Comm.), federal or private incentive funding. State funds for private fleets are capped (contact our staff for details). For information about other funding options, visit <https://www.arb.ca.gov/truckstop>.

How do I find out about regulatory requirements for my school bus fleet?

Call the CARB hotline at 1-866-6-DIESEL(634-3735) or visit the on-road & school bus fleet information pages at www.arb.ca.gov/truckstop. Air District staff do not have access to fleet records (TRUCRS) and cannot answer specific questions about your fleet.