

## **Bay Area Air Quality Management District Carl Moyer Program On-Road Project Fact Sheet**

### **What is the Carl Moyer Program?**

The Carl Moyer Memorial Air Quality Standards Attainment Program (Carl Moyer Program) is a state funded program that offers grants to owners of heavy-duty vehicles and equipment in order to reduce air pollution emissions from heavy-duty engines.

### **What types of on-road projects are eligible for grants?**

Grants are available to help vehicle owners to 1) install particle traps, 2) replace older engines with newer and cleaner engines (adding a particle trap is required), and 3) to purchase new vehicles that are cleaner than the law requires. In addition, funds are available to install electric idling reduction equipment and to purchase electric vehicles.

### **Who can apply?**

Provided the project is not required by law, any owner of an on-road truck that weighs 14,001 pounds or more is eligible to apply, including: dump trucks, water trucks, concrete trucks, long-haul trucks, street sweepers, trash trucks, buses, and delivery trucks.

All vehicles and equipment funded with a grant must operate within the Air District's boundaries. The District is accepting applications for projects throughout its jurisdiction, but will prioritize projects that reduce emissions in impacted communities. Highest priority will be given to the following six highly impacted communities:

- 1) Eastern San Francisco, 2) West Oakland, 3) East Oakland/San Leandro, 4) Richmond
- 5) San Jose, and 6) Concord.

For a map of impacted communities in the Bay Area, see: <http://www.baaqmd.gov/moyer>. The following counties are part of the Air District's jurisdiction: Alameda, Contra Costa, Marin, San Mateo, San Francisco, Santa Clara, and Napa counties. The southern portions of Solano and Sonoma counties are also part of the Air District.

### **How do I know if my project is required by law?**

ARB has the authority to pass and enforce Fleet Rules that require engine owners to clean up existing engines. Some rules are already laws, others are still in development. There is one pending Fleet Rule that requires commercial operators to clean up their trucks. ARB has already passed the Port Truck Rule (or "drayage truck rule") and the Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards. To find out if your truck is covered by an existing or pending Fleet Rule visit the following ARB webpages:

Fleet Rule	ARB Webpage Information Link
On-road heavy-duty diesel trucks. This Rule has not yet been adopted.	<a href="http://www.arb.ca.gov/msprog/onrdiesel/workshops.htm">http://www.arb.ca.gov/msprog/onrdiesel/workshops.htm</a>

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Fleet Rule	ARB Webpage Information Link
On-road trucks that transport cargo to and from ports and intermodal rail facilities. This Rule was adopted in December 2007.	<a href="http://www.arb.ca.gov/msprog/onroad/porttruck/porttruck.htm">http://www.arb.ca.gov/msprog/onroad/porttruck/porttruck.htm</a>
Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards (includes equipment such as yard trucks, hostlers, cranes, top handlers, side handlers, forklifts, and loaders)	<a href="http://www.arb.ca.gov/ports/cargo/cargo.htm">http://www.arb.ca.gov/ports/cargo/cargo.htm</a>

Additionally, ARB has already passed rules covering Public Fleets, Urban Buses, Transit Buses and Solid Waste Collection Vehicles.

**My trucks are subject to a Fleet Rule, am I eligible for a grant?**

Grants cannot be used for projects that are required by law or by a contract or agreement; however, they can be applied to projects that comply at least three years in advance of state regulations. For example, if a state fleet rule requires that an engine’s emissions be reduced by 2013, grants can be awarded to reduce those emissions as long as the funded equipment is operational by 2010. All eligible vehicles must operate within the Air District’s boundaries. Here are several specific examples:

- Trucks subject to the Port Truck Rule are not eligible for Carl Moyer Program grants but may be eligible for other funding. Contact the Air District for more information.
- Commercial diesel trucks that do not transport cargo to and from ports and intermodal rail facilities are eligible to apply for Carl Moyer Program grants.
- Diesel buses that are not covered under the Transit or Urban Bus Rules are eligible to apply for grants.
- On-road trucks subject to the Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards with engine model years 2003 and newer may be eligible to apply for grants. Contact the Air District for more details.
- Very few, if any, opportunities for grants for vehicles covered under the Public Fleet, Solid Waste Collection Vehicle, Urban Bus, and Transit Bus Rules exist. Public Fleet and Solid Waste Collection Vehicle projects that reduce nitrogen oxides may qualify for small grants. Urban and Transit Bus projects that go beyond required reductions in nitrogen oxides and particulate matter emissions may also qualify for grants, however, these emission reductions can never be counted towards meeting future reduction requirements.

**What other information should I know about the grants for on-road trucks?**

- Heavy-duty trucks over 14,001 pounds are eligible for the program. Light heavy-duty trucks between 8,501 and 14,000 pounds are considered on a case-by-case basis.

- Trucks that operate under “stop-and-go” conditions (garbage trucks, concrete trucks, street sweepers) require two years of daily fuel logs to verify usage. Other projects are analyzed based on annual mileage. All projects to replace existing engines require the submittal two years of mileage records (for example, two years of maintenance logs).
- For engine replacement projects, the replacement engine can only be a “FEL” engine in certain circumstances – ask your dealer if they are recommending a “FEL” engine. Contact the Air District if the replacement engine is a “FEL” engine.
- New vehicle projects with “FEL” engines are not eligible for funding.
- The application requires that you submit information about your existing engine (model year, serial number, engine family name) and information about the replacement engine or truck (price quotes from your engine dealer, engine family name, and engine executive order).
- Grants are available for Auxiliary Power Units (APU) to reducing diesel idling. The maximum grant for a diesel APU is \$7,200 and the maximum grant for an electric APU is \$8,900. Off-vehicle climate control systems are eligible on a case-by-case basis.
- The application requires documentation that you carry general liability and workers compensation insurance and machinery insurance equal to the full replacement value of the vehicle.
- Note that this is not a complete list of the program requirements. For more information about what is required, read Chapter One “Heavy-Duty On-Road Vehicles” and Chapter Three, “Reducing Heavy-Duty Vehicle Idling Emissions” in the 2005 Carl Moyer Program Guidelines (the “Guidelines”). See below for the webpage of the Guidelines.

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

- Read the Air District Carl Moyer Program Overview Fact Sheet for rules that apply to all project types available from the Air District and online at <http://www.baaqmd.gov/moyer>.
- Understand any applicable state fleet rules and pending fleet rules that may cover your fleet.
- Review the California Air Resources Board (ARB) 2005 Carl Moyer Program Guidelines Chapter One “Heavy-Duty On-Road Vehicles” and Chapter Three, “Reducing Heavy-Duty Vehicle Idling Emissions.” The Guidelines are on the ARB webpage <http://www.arb.ca.gov/msprog/moyer/moyer.htm>.
- Start collecting information needed for your application.
- Contact your engine or equipment dealer to discuss possibilities for your equipment.
- Contact the Air District with additional questions.

### **When are applications available?**

Applications will be available from the Air District website <http://www.baaqmd.gov/moyer> on February 1, 2008. The Air District will accept completed applications through April 4, 2008. For more information, contact Alison Kirk at the Air District at 415-749-5169 or [akirk@baaqmd.gov](mailto:akirk@baaqmd.gov).

### **Does the Air District have any other grants for On-Road projects?**

Yes, the Transportation Fund for Clean Air also offers grants to on-road projects. For more information, contact David Wiley at the Air District at 415-749-4622 or [dwiley@baaqmd.gov](mailto:dwiley@baaqmd.gov).