

## **Bay Area Air Quality Management District Carl Moyer Program Off-Road Diesel Engine 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 off-road diesel projects are eligible for grants?**

Grants are available to help off-road diesel engine owners to: 1) install particle traps, 2) replace older engines with newer and cleaner engines (adding a particle trap is required), 3) to purchase new equipment that is cleaner than the law requires, and 4) to purchase electric off-road equipment. For all engine replacement projects, you must purchase the cleanest available engine and install the cleanest particle trap when safe and technically feasible.

### **Who can apply?**

Provided the project is not required by law, owners of any off-road diesel engines with 25 or more horsepower (hp) are eligible to apply, including: backhoes, agricultural pumps, trackers, scrapers, excavators, trenchers, graders, and class 7 forklifts, and airport equipment including aircraft pushback tugs, baggage and cargo tugs, carts, group power units, air conditioning units, belt loaders and other equipment.

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 reduce pollution from their engines. There are two Fleet Rules that require off-road diesel engine owners to clean up their engines. To find which Fleet Rule covers your equipment, visit the following ARB webpages:

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| Fleet Rule   | ARB Webpage Information Link  |
|--|---|
| Off-Road Diesel Vehicle Rule (includes diesel airport equipment)   | <a href="http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm">http://www.arb.ca.gov/msprog/ordiesel/ordiesel.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>               |

**My off-road diesel engines 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 and equipment must operate within the Air District’s boundaries. Here are several specific examples:

Operators of fleets subject to the Off-Road Diesel Vehicle Rule:

- Fleets with over 5,000 hp of affected vehicles are not eligible for Carl Moyer Program grants.
- Fleets with between 2,501 and 5000 hp are eligible to apply, provided the funded equipment is operational by 2010.
- Fleets with less than 2,500 hp are eligible to apply, provided the funded equipment is operational by 2012.

Operators of fleets subject to the Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards:

- Fleets with 3 or fewer trucks may be eligible to apply for grants for off-road trucks with engine model year 2004 and newer.
- Fleets with 4 or more trucks may be eligible to apply for grants for off-road trucks with engine model year 2003 and newer.
- Contact the Air District for more details.

**What other information should I know about the grants for off-road diesel engines?**

- The application requires that you submit information about your existing engine (model year, serial number, engine tier) and information about the replacement engine or equipment (quotes from your engine dealer for prices, engine tier, and engine executive order).
- 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 or equipment.
- Note that this is not a complete list of the program requirements. For more information about what is required, read Chapter Five “Off-Road Compression Ignition Engines”, in the 2005 Carl Moyer Program Guidelines (the “Guidelines”). See below for the webpage of the Guidelines.

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### **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 that may apply to your fleet.
- Review the California Air Resources Board (ARB) 2005 Carl Moyer Program Guidelines Chapter Five “Off-Road Compression Ignition Engines”. 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 any 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 Richard Vesperman at the Air District at 415-749-4925 or [rvesperman@baaqmd.gov](mailto:rvesperman@baaqmd.gov).