



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

Off-Road Equipment Project Fact Sheet

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. The Bay Area Air Quality Management District (Air District) is accepting applications for the Carl Moyer Program starting July 14, 2014 at <http://www.baaqmd.gov/moyer>.

What types of off-road diesel projects are eligible for grants?

Grants are available to help off-road diesel engine owners to: 1) install verified diesel emission control systems (VDECS) on existing engines, 2) replace older engines with newer and emission-certified engines in existing equipment (with VDECS, where possible), and 3) replace an entire piece of old equipment with newer equipment with a cleanest available engine (with VDECS, where possible).

Eligible project types/Max percent of costs paid by grant funds

Project type	Maximum Percentage
Tier 1 Engine Repower	75%
Tier 2 Engine Repower	80%
Tier 3 and Tier 4 Engine Repower	85%
Installation of Engine Retrofit	100%
Equipment Replacement	Up to 80% *

* New equipment not meeting the current emissions standards may not be eligible for max 80%

Who can apply?

Owners of off-road equipment that 1) is at least 3 years (2 years for small fleets) from regulation compliance (medium and small fleets for construction/industrial) OR 2) is exempt from regulation (diesel agricultural) are eligible to apply. Equipment must have a motive engine of at least 25hp. Common equipment to off-road funding includes loaders, tractors, dozers, excavators, scrapers and forklifts. Older and higher usage (as recorded by an hour meter or other reliable records) equipment is more likely to yield a cost-effective and fundable project. Funding opportunities are very unlikely for equipment that has fewer than 3 years until a first compliance date or is already under regulation unless the equipment owner can demonstrate emission reductions that are surplus to any regulatory requirement.

All vehicles and equipment funded with a grant must operate within the Air District’s jurisdictional boundaries. The District is accepting applications for projects throughout its jurisdiction, but will prioritize projects that reduce emissions in the following nine 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.

For a Priority Community Map of highly 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, Napa, San Francisco, San Mateo and Santa Clara counties. The southern portions of Solano and Sonoma counties are also part of the Air District.

How do I find out more about what regulation my equipment is subject to and what my first compliance date is?

If you are unsure what regulation your equipment falls under and therefore cannot determine whether or not you are eligible to apply for grant funding, please call the ARB regulatory hotline at 866-6-DIESEL or visit the following ARB webpages:

ARB Fleet Rules	ARB Webpage Information Links
Off-Road Diesel Vehicle Rule (includes diesel airport equipment)	http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm
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)	http://www.arb.ca.gov/ports/cargo/cargo.htm
Off-Road Large Spark-Ignition (LSI) Gasoline and LPG Equipment Rule. Includes forklifts, specialty vehicles, airport service equipment, large turf care equipment, portable generators, and a wide array of other agricultural, construction, and general industrial equipment powered by gasoline, liquefied petroleum gas (LPG), and other alternate fuels.	http://www.arb.ca.gov/msprog/offroad/orspark/orspark.htm

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

- The application requires that you submit information about your existing engine and equipment (model year, serial number, engine tier, usage documentation) and information about the replacement engine or equipment (quotes from your engine dealer for prices, engine tier, and engine executive order).
- The equipment replacement project type (ERP) requires that grantees work with a District-approved dealership that has been trained to participate in ERP. The list of approved dealers can be found at www.baaqmd.gov/ERP.
- Beginning on July 14, 2014 the District will start accepting applications, and projects will be selected on a first-come, first-serve basis until all funds have been awarded, based on a complete application (not just a submitted application).

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

- Understand any applicable state fleet rules that may apply to your fleet.
- Examine your fleet to determine which equipment might be good candidates for each project type (retrofit filter only, engine repower or equipment replacement).
- Contact your engine or equipment dealer to discuss possibilities for your equipment.
- Review the applicable application and start collecting required information and documentation.
- Contact the Air District with additional questions - Judy Williams, (415) 749-4738 or jwilliams@baaqmd.gov.