

January 2010

ON-ROAD HEAVY-DUTY DIESEL VEHICLES

Introduction

The Air Pollution Control District (“APCD”) has a program to provide funding to repower or retrofit on-road heavy-duty diesel vehicles with lower-polluting engines or retrofit control devices. For qualifying vehicles the program entails the APCD paying up to a set incremental cost as a percent of the total cost of a new or repowered engine/retrofit device. The vehicle owner is responsible for paying all installation costs and some of the engine costs. Replaced engines need to be destroyed or scrapped.

This program will, in general, follow the guidelines of the California Air Resources Board’s (ARB) Carl Moyer Memorial Air Quality Standards Attainment Program. For more information on this ARB program see: <http://www.arb.ca.gov/msprog/moyer/moyer.htm>

Complete Application Checklist

- Completed and signed application form
- At least 2 recent years** of mileage records (may accept fuel records on a case-by-case basis)
- A quote (purchase price & installation labor cost) for the proposed replacement engine and/ or retrofit control device
- Copy of ARB Certification Executive Order for new engine and/or retrofit
- Proof of insurance covering the equipment

What You Need To Do

If you would like to be considered for participation in this repower program, please fill out the attached application and mail or fax (**805-961-8801**) it along with the other items listed above to:

Santa Barbara County Air Pollution Control District
Attn: Al Ronyecz
260 North San Antonio Road (Suite A)
Santa Barbara, CA 93110-1315

Repower installation and engine rebuild work may be conducted by the original equipment manufacturer (OEM) or a non-OEM installer.

The submittal of application information does not guarantee approval for funding, but will be used to determine the potential emission reductions and APCD funding contribution associated with the proposed project. Any equipment purchased prior to the execution of an official grant agreement will not be eligible for funding. If you have any questions regarding this program or the application process, please contact Al Ronyecz by phone at (**805**) **961-8877**, or by e-mail at: axr@sbcapcd.org

Fill out one application for each engine or piece of equipment. Please print clearly or type all information on this application.

Eligibility Criteria

To be eligible for funding, projects must meet the criteria described in the 2008 Carl Moyer Program Guidelines and the Carl Moyer Program Advisories. These criteria include but are not limited to the following:

- Existing engine(s) proposed for repower and/or retrofit must be operating in-service at the time of application and operation must be demonstrated during APCD pre-inspection.
- Emission reductions obtained through Carl Moyer Program projects must not be required by any federal, state or local regulation, memorandum of agreement/understanding with a regulatory agency, settlement agreement, mitigation requirement, or other legal mandate.
- Projects must meet a cost-effectiveness of \$16,000 per weighted ton of NO_x + ROG + twenty times combustion PM₁₀ reduced, calculated in accordance with the cost-effectiveness methodology discussed in the Guidelines.
- No emission reductions generated by the Carl Moyer Program shall be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity.
- No project funded by the Carl Moyer Program shall be used for credit under any federal or state emission averaging banking and trading program.
- Funded projects must have at least 75 percent of their operation take place in California.
- All engines in new vehicle purchases and repower projects must be certified by the ARB for sale in California and must comply with durability and warranty requirements.
- All aftermarket emission controls (retrofits) must be verified by ARB.
- On-road engine repowers are allowed only when the highest available ARB-certified retrofit technology is installed as part of the repower project. A retrofit may not be required if it can be shown to the ARB and APCD that no retrofit is technically feasible.

ON-ROAD HEAVY-DUTY DIESEL VEHICLES APPLICATION

Funding Disclosure

Has the engine or vehicle in this application been awarded funding from another public agency or being considered for funding? Yes No

If “yes”, provide the following information:

Agency applied to _____
Date of application submittal _____
Funding amount requested _____
Baseline engine serial number _____
Status of application _____

A. APPLICANT INFORMATION (required)

1. Company or organization name:		
2. Business type:		
3. Contact name and title:		
4. Person with contract signing authority (if different from above):		
5. Contact mailing address and information:		
Street:		
City:	State:	Zip code:
Phone: ()	Cell: ()	Fax: ()
E-mail:		
6. Project location address (if different from above):		
7. How many engines are being applied for?		
8. Total funding amount requested for this engine/equipment:		
9. Applicant Social Security No. or Federal Tax ID:		

I hereby certify that all information provided in this application and any attachments are true and correct.

Printed name of responsible party:	Title:
Signature of responsible party:	Date:

Third Party Certification

I have completed the application, in whole or in part, on behalf of the applicant.

Print name of third party:	Title:
Signature of third party:	Date:
Amount paid to third party:	Source of funding to third party:

For each engine or vehicle, please complete sections B and C and D, E, or F (as appropriate).

B. EXISTING VEHICLE INFORMATION (required)

1. Vehicle type:		
2a. Vehicle Identification Number (VIN):		
b. Vehicle make:	c. Model:	d. Year:
e. Vehicle GVWR:		f. Vehicle license plate number:
3. Registered owner:		
4a. Department of transportation number (if interstate):		
b. California Highway Patrol number (if applicable):		
5a. Fuel type main engine:		b. Fuel type auxiliary engine:
6. New vehicle/equipment vendor:		

C. ACTIVITY INFORMATION (required)

1. Total annual miles traveled (or annual gallons of fuel used) – circle one: miles or gallons (attach copy of records): 2007_____ 2008_____ 2009_____
2. Percent operation in California:
3. List counties in California in which the vehicle operates and percent of operation in each:

D. NEW VEHICLE PURCHASE PROJECTS (if applicable)

1a. Engine make:	b. Engine model:	c. Engine year:
d. Engine serial number (if available):		
2. ARB Certification Executive Order (attach copy of ARB Certification Executive Order):		
3. Fuel type of new engine:		
4. New reduced emission vehicle cost:		
5. Baseline Vehicle cost:		
If the new vehicle has an auxiliary engine, complete the following:		
<u>Auxiliary Engine</u>		
6a. Make:	b. Model:	
c. Year:	d. Serial number:	
e. Horsepower:	f. Tier:	
g. Fuel:	h. Engine family (if applicable):	

E. REPOWER PROJECTS (if applicable)

1. <u>Existing Main Engine</u> a. Engine family:	b. Engine make/model year:
c. Engine model:	d. Engine serial number:
e. Engine horsepower:	f. Tier/Fuel type:
3. <u>New Reduced Emission Main Engine</u> a. Engine family:	b. Engine make/model year:
c. Engine model:	d. Engine serial number (if available):
e. Engine horsepower:	f. Tier/Fuel type:
4. ARB Executive Order number (attach copy of ARB Certification Executive Order):	
5a. New engine cost (w/ itemized quote):	b. New engine cost with installation:
6. <u>Existing Auxiliary Engine</u> a. Engine family:	b. Engine make/model year:
c. Engine model:	d. Engine serial number:
e. Engine horsepower:	f. Tier/Fuel type:
7. <u>New Auxiliary Engine</u> a. Engine family:	b. Engine make/model year:
c. Engine model:	d. Engine serial number (if available):
e. Engine horsepower:	f. Tier/Fuel type:
g. New engine cost:	h. New engine cost with installation:
8. ARB Executive Order number (attach copy of ARB Certification Executive Order):	
9a. Name of reduced emission engine installer:	
b. Is engine installer an authorized OEM installer: <input type="checkbox"/> YES <input type="checkbox"/> NO	

F. RETROFIT PROJECTS

1a. Engine family:	b. Engine make:	c. Engine model:
d. Engine year:	e. Tier (if auxiliary engine):	
f. Engine serial number:		
2. ARB-verified retrofit device name:		
3. Retrofit device make:		
4. Retrofit device ARB executive order:		
5. Retrofit device serial number (if available):		
6. Verification level: <input type="checkbox"/> LEVEL 1 <input type="checkbox"/> LEVEL 2 <input type="checkbox"/> LEVEL 3		
7a. ARB-verified NOx reduction (%):		
b. ARB-verified PM reduction (%):		
c. ARB-verified ROG reduction (%):		
8. ARB Executive Order number (attach copy of ARB Certification Executive Order):		
9. Retrofit device cost:		
10. Cost of retrofit device with installation:		
11. Total cost of retrofit maintenance over project life (optional):		
12a. Name of retrofit device installer:		
12b. Is device installer an authorized OEM installer: <input type="checkbox"/> YES <input type="checkbox"/> NO		