

SUPPLEMENTARY PROJECT INFORMATION SHEET

PART 12. HEAVY-DUTY VEHICLE REPOWERS (Public and Non-Public Entities Eligible)

Complete this page for vehicle repowers (replacing an old engine with a newer engine). Vehicles must have a gross vehicle weight (GVW) greater than 10,000 lbs. Vehicles must comply with TFCA Policy #27 (see the *Grant Application Guidance*, Appendix A).

Note – If you are applying for a repower, you must also apply for a retrofit device. Make sure to complete the retrofit section in addition to this section.

Grant applicants must complete a separate grant application form for each **category of vehicle**: Medium HDV (10,001 - 33,000 pounds), Heavy HDV (33,000 + pounds), Diesel Urban Bus, Natural Gas Urban Bus, Refuse Vehicles, or Street Sweeper.

If applying for more than 3 heavy-duty vehicle repowers, please provide the information below in an attached spreadsheet (electronic and hard copy).

1. Existing Vehicle Information

List each vehicle on a separate row.

	Vehicle 1	Vehicle 2	Vehicle 3
Fleet Vehicle ID#			
Name of facility where vehicle is housed			
Street Address			
City			
County			
State			
Zip Code			
Vehicle Category			
Vehicle Identification Number (VIN)			
Vehicle Make			
Vehicle Model			
Vehicle Model Year			
Vehicle Type (1)			
Gross Vehicle Weight			
License Plate Number			
Annual Miles Traveled (VMT)			
Average Annual Fuel Use (gal/yr)(2)			
Percent of Operation in BAAQMD(3)			
Percent Operation in California			
Project Life (4)			

Notes:

1. Please enter: "Medium HDV" (10,001 - 33,000 pounds); "Heavy HDV" (33,000 + pounds); "Diesel Bus", "Natural Gas Bus", or "Refuse/St. Sweeper", etc.
2. For street sweepers, refuse vehicles, or other vehicles operating predominantly in stop-and-go applications, estimated annual fuel use (in gallons) must be provided instead of annual mileage.
3. The BAAQMD jurisdiction includes all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo and Santa Clara Counties, and the southern portions of Sonoma and Solano Counties. See <http://www.baaqmd.gov/dst/jurisdiction.htm> for a jurisdiction map.
4. How many years will this vehicle operate, once the project is completed and the vehicle returns to service?

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2. Existing Engine Information

List each engine in a separate column.

	Engine 1	Engine 2	Engine 3
Engine Make			
Engine Model			
Engine Model Year			
Engine Fuel Type			
Engine Serial Number			
Engine Horsepower			
Estimated Engine Life Remaining (# yrs)			

3. Replacement Engine Information

List each engine on a separate row.

	Engine 1	Engine 2	Engine 3
Engine Fuel Type			
Engine Make			
Engine Model			
Engine Model Year			
Is the ARB Engine Executive Order attached? Y/N (1)			
Engine Family Name (2)			
Is the Engine a Family Emissions Limit (FEL) engine? (3)			
Engine Tier (if applicable)			
Estimated Engine Life (# yrs)			

Notes:

1. The Executive Order should be available from your engine dealer or on the ARB webpage at <http://www.arb.ca.gov/msprog/onroad/cert/cert.php> (main engines)
2. The Engine Family Name (EFN) is a string of approximately 12 letters and numbers found on most engine block tags and on the engine's Executive Order issued by ARB.
3. See Executive Order. Only FEL engines that are cleaner-than-required for the engine year are eligible for repower projects.

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4. Fleet Regulation Information

Does your vehicle(s) ever enter a port?

Is the fleet this/these vehicles/engines are part of currently subject to a CARB Fleet Regulation?

YES NO If yes, please answer questions a through d.

- a. Name of Fleet Regulation:
- b. When are these existing vehicle(s) be required to be in compliance with the regulation?
December 31, 20____.
- c. If funded by TFCA, when will these vehicle(s) be placed into service?
- d. How many vehicles are in this fleet?

5. Replacement of Compressed Natural Gas (CNG) Fuel Tank

Does this project include the replacement of an existing CNG Fuel Tank? If so, provide:

- a. Vehicle ID#:
- b. Age of existing tank:
- c. Cost of replacement tank:
- d. Estimated lifetime of the replacement tank:

6. Attachments: Attach the following pieces of information for each vehicle to be repowered:

- Attach a quote from the manufacturer for the cost of each proposed new engine
- Attach California Air Resources Board (CARB) Executive Order(s) for each replacement engine.
- If available, provide documentation to support estimated engine life of new repower engine.