



OFF-ROAD HEAVY-DUTY VEHICLES

What is the Program?

The Tehama County Air Pollution Control District (TCAPCD) **will pay you to** reduce emissions from off-road vehicles. If you have an old off-road vehicle engine that needs to be replaced, the TCAPCD may give you money to retrofit your engine or buy a new, cleaner burning engine that runs on diesel (repower only). Off-road vehicles include a wide variety of *self-propelled* farm, construction, and material handling equipment with engines over fifty (50) horsepower that are operated offhighway. The TCAPCD is providing incentives to municipalities, government agencies, school districts, private firms, and individuals interested in the purchase of:

- ◆ New emission certified engines for replacement in existing pre-1996 off-road vehicles (repowers)
- ◆ State certified and/or verified reduced-emission retrofit technologies

Why is the TCAPCD Offering These Incentives?

The purpose of the Heavy-Duty Engine Emission Reduction Incentive Program (Heavy-Duty Engine Program) is to assist the TCAPCD in achieving air quality standards by the early introduction of reduced-emission technologies. The widespread use of lower emitting off-road vehicles can provide improvements to air quality in Tehama County. When you retrofit or repower your existing engine(s), you will contribute to cleaner air for everyone in the County.

How Much Money Can I Get?

Since the funding is intended to decrease the expense associated with the purchase of cleaner technologies, the amount of money you can receive will depend on the price difference between the reduced-emission technology and engines meeting the current standards. For a repower project, it will be the new engine cost minus the rebuild cost. The total incentive provided by the TCAPCD will not exceed the value of \$6.80 per pound (\$13,600 per ton) of nitrogen oxide (NOx) emissions reduced. In addition, projects are subject to maximum funding caps shown at right.

Engine hp	Maximum Incentive
50 – 99	\$10,000
100 – 150	\$12,000
151 – 250	\$15,000
251 – 300	\$20,000
301 – 400	\$30,000
400+	\$40,000

How Do I Know If I Am Eligible For Funding?

Any public agency, company, or individual may apply to receive an incentive under this program. Funds are available for eligible engine replacements, and/or engine retrofits that meet specific program criteria. The criteria for eligible engines/retrofit technology are as follows:

- ◆ The vehicle's engine must be 50 horsepower or greater.
- ◆ The reduced-emission engine/retrofit technology must be certified/verified by the State.
- ◆ For repowers/retrofits, old engines must be pre-1996.
- ◆ For Vehicle repower projects, the new replacement engine must be certified to Tier II.
- ◆ For retrofit kit or add-on equipment projects, show at least a 15% reduction of NOx emissions and no significant increase in particulate emissions compared to the applicable standards for that engine year and type of application.
- ◆ The purchase or emission reductions are not required by or used to comply with any local, state, or federal rule or regulation, Memorandum of Understanding (MOU), or Memorandum of Agreement (MOA).

What's the Catch?

There is no catch. We're paying you to help the TCAPCD clean up the air. However, to achieve this goal, your off-road vehicle has to be based in Tehama County. For us to make sure this happens, we'll need the following from you:

- ◆ 75% or more of the vehicle's hours of operation or fuel consumed will be within the boundaries of California for at least 5-years from the date the vehicle is placed into service with the new reduced-



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emission technology. If the vehicle does not complete the minimum 5 year term set forth in this program, a prorated portion of the funds must be returned to the TCAPCD.

- ◆ Simple annual reports will be required for 5 years from the beginning of vehicle operation with the new technology. The reports shall include such information as fuel consumed and details regarding maintenance. These reports help us know that we are indeed improving air quality with valuable tax dollars.

How Do I Apply?

Applications will be ranked on a pollution basis. The major emphasis will be on providing incentive funds for replacing the highest polluting engine first and on down the line. In the event there are applications submitted that meet the same minimum qualifications or there are insufficient funds available for all proposals, the following tie breaking procedure will be used.

Funds will be awarded based on NOx reduction cost-effectiveness. Projects will be funded starting with the most cost-effective to the least cost-effective projects during the initial application process. In the event that applications are submitted on the same day and rank the same for cost-effectiveness, projects will be funded in the order that they were received until funds are exhausted. If there are any funds left over after the initial application process, projects will be funded on a first-come, first-serve basis to all applications that meet the criteria and requirements, while program funds are available.

The process is as follows.

1. Send an application to the TCAPCD. The application will require contact information and descriptions of the replacement engine/technology and operations.
2. TCAPCD staff reviews the application to determine eligibility. You will be notified if more information is needed.
3. If the application meets minimum criteria, an incentive amount will be determined for the proposed engine/technology.
4. Applicants will be notified of application approval or denial. Upon approval of the application, the TCAPCD will prepare a simple contract for signature by the applicant and TCAPCD.
5. The applicant orders and places the reduced-emission technology into service within six (6) months of contract execution.
6. The applicant submits copy of vendor's invoice and invoices the TCAPCD for Payment. The TCAPCD issues payment upon verification that the engine has been placed into service.
7. As mentioned above, the applicant will submit simple annual reports. The TCAPCD maintains the right to monitor the project periodically to ensure emission reductions are occurring.

Where Do I Get an Application?

For general information about the program or to request an application you can call (530) 527-3717 or visit the TCAPCD website at www.tehcoapcd.net.

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