Emissions from heavy-duty diesel engines have been identified as a major source of air pollution. Diesel engines are also responsible for the majority of California’s potential airborne cancer risk from toxic air contaminants.

The District administers several diesel engine replacement grants which incentivize the replacement of older, dirtier diesel engines with new, clean technologies. These programs encourage owners of diesel engines to go beyond regulatory requirements by providing funding to retrofit, repower, or replace engines with newer and cleaner ones.

**EXAMPLE PROJECTS**

Replace 2000 Challenger CH65E tractor (317 hp; Tier 1; 1,650 hours/year) with 2019 Case 1H 470 Quadtrac (470 hp; Tier 4 Final)
Total cost: $385,319
Max Grant amount: $250,457

Repower 2004 Lugger 6140 propulsion engine (700 hp; Uncontrolled/Tier 0; 1,127 hours/year) with 2018 Scania DI 16 propulsion engine (800 hp; Tier 3)
Total cost: $200,725
Grant amount: $130,471

Replace 2003 Deutz Ag Pump (221 hp; Tier 2; 1,702 hours/year) with 2017 electric GE Motor with VFD (200 hp; electric)
Total cost: $170,179
Grant amount: $110,616
Diesel Engine & Equipment Replacement Grant Programs

Who is eligible?
Public and private entities

What types of projects qualify?
Project eligibility is determined when the Air District receives a project application. In general, eligible project types include:

- Medium duty fleet electrification
- Zero-emission Infrastructure projects
- School bus electrification projects
- Off-road equipment replacement & electrification projects
- Marine engine repowers & Zero-emission projects
- Agricultural irrigation pump Zero-emission projects

How are projects evaluated?
Projects will be evaluated and selected for funding based on the engine’s annual emissions reductions (tons/year). The District calculates the annual emissions reduced when switching from an old engine to a newer, cleaner engine.

Funding priority will be given to projects directly benefitting disadvantaged communities, low-income areas, and zero-emission projects.

Funding is based on variables such as:

- Fleet compliance
- Engine model year
- Engine horsepower
- Average annual use

APPLICATIONS ACCEPTED
MID JANUARY—EARLY APRIL
www.mbard.org