



Diesel Emissions Reduction Act (DERA) FY 2017 State Clean Diesel Grant Program

August, 2017

Agenda

- ▶ DERA and the State Clean Diesel Grant Program
- ▶ Types of Eligible Projects
- ▶ Requirements
- ▶ How to apply

Diesel Emissions Reduction Act

- ▶ Diesel Emissions Reduction Act (DERA) is part of the Energy Policy Act of 2005.
- ▶ Appropriates funds for reducing emissions from diesel engines
- ▶ 70% of DERA funds are used for a Federal Competitive Program
- ▶ 30% of DERA funds are allocated to the states under the DERA State Clean Diesel Grant

New Hampshire 2017 DERA Program

- ▶ NH anticipates a total of \$338K to \$550K
- ▶ The NH funds are managed by NHDES and sub-grants are awarded based on an open solicitation and review process



Purpose

Provides support for projects that protect human health and improve air quality by reducing harmful emissions from diesel engines.

Eligible Projects

1. Exhaust Controls
 - Up to 100% of project cost
2. Verified Idle Reduction Technologies
 - 25%-40% of project costs
3. Verified Aerodynamic Technologies & Verified Low Resistance Tires
 - Up to 100% of project cost
 - Must be combined with exhaust controls
4. Marine, Locomotive, or Non-Road Engine Replacement
 - 40% of project cost for a diesel engine replacement
 - 60% of project cost for an electric engine replacement

Eligible Projects – cont.

5. Highway Engine Replacement

- 40% of project cost for a diesel engine replacement
- 50% of project cost for a CARB diesel engine replacement
- 60% of project cost for an electric engine replacement

6. Highway Diesel Vehicles (other than drayage) and Buses

- 25% of project costs for a vehicle with a new diesel engine
- 35% of project costs for a vehicle with a CARB diesel engine
- 45% of project costs for a vehicle with an all electric engine

7. Locomotives and Non-Road Diesel Vehicles and Equipment Replacement

- 25% of project costs for a vehicle with a new diesel engine
- 45% of project costs for a vehicle with an all electric engine

8. Drayage Vehicles

- 50% of project costs

Funding Restrictions

- ▶ Medium and Heavy Duty Trucks, Transit buses, and School Buses:
 - Must be replacement of vehicle or engine that is currently in operation
 - New vehicle will continue to perform in the same function and operation as the vehicle that is being replaced
 - Replacement Vehicle must not be in a larger weight class than the existing vehicle
 - Vehicle/Engine replacement with diesel engine on Model Years 1995-2006
 - Vehicle/Engine replacement with electric engine on Model Years 1995-2009

Funding Restrictions

▶ Non-Road Engine:

- Existing engine/equipment must operate at least 500 hours per year
- New engine/equipment will continue to perform in the same function and operation as the engine/equipment that is being replaced
- Horsepower increases of more than 25 percent will require specific approval
- All Engines/Equipment must be replaced with Tier 4 engines
- 0-50 HP, Model Year 2005 and newer
- 51-300 HP, Model Year 1995 and newer
- 301+ HP, Model Year 1985 and newer

Funding Restrictions

▶ Marine Engine:

- Existing engine must operate at least 500 hours per year
- New engine will continue to perform in the same function and operation as the engine that is being replaced
- Horsepower increases of more than 25 percent will require specific approval
- All Engines must be replaced with Tier 3-4 engines
- Unregulated-Tier 2 engines are eligible for replacement



Requirements

- ▶ Vehicles scheduled for replacement prior to September 30, 2021 are not eligible.
- ▶ The vehicle being replaced must be destroyed.
- ▶ Project funds are reimbursed after the old vehicle is destroyed.
- ▶ No project costs may be incurred prior to approval of the grant agreement by the Governor and Executive Council.



Requirements – cont.

- ▶ Quarterly reports on operating details of the vehicle must be submitted to NHDES for a period of 1 – 3 years.
- ▶ Grant recipients must comply with EPA DERA program requirements

How to Apply?

- ▶ A copy of the draft Request for Proposal is available on our website shortly.
- ▶ We will be accepting the first round of applications between October 1 and October 15, 2017.



Have a Potential Project?

Please submit written comments to:
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