



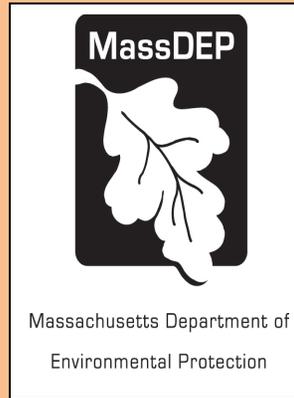
For More Information

For assistance with this grant program, contact the *MassCleanDiesel: Clean Markets Program* Coordinator at **617-556-1101**.

For more information on APUs, visit the U.S. Environmental Protection Agency's website at:

<http://www.epa.gov/smartway/forpartners/technology.htm>

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www.mass.gov/dep

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The Massachusetts Department of Environmental Protection is the state agency responsible for ensuring clean air and water, the safe management of toxics and hazards, the recycling of solid and hazardous wastes, the timely cleanup of hazardous waste sites and spills, and the preservation of wetlands and coastal resources.

Commonwealth of Massachusetts, Deval Patrick, Governor

Executive Office of Energy and Environmental Affairs,
Richard K. Sullivan, Jr., Secretary

Department of Environmental Protection,
David W. Cash, Commissioner



Massachusetts Diesel Truck Owners:

Grants Available to Install Auxiliary Power Units on Your Trucks

Help clean the air AND save money!

**MassCleanDiesel:
Clean Markets Program**

A Cleaner Future for Massachusetts Markets, Warehouses, and Distribution Centers

To help clean the air around Massachusetts wholesale markets, warehouses, and distribution centers and the communities they're located in, the *MassCleanDiesel: Clean Markets Program* is funding 100% of the cost to purchase and install auxiliary power units (APUs) on long-haul trucks.

If you own a Class 8, diesel long-haul truck that serves a wholesale market, warehouse, or distribution center in Massachusetts, you may be eligible for this program.

Which Trucks Are Eligible?

To receive an APU, your truck must:

- ✓ Be registered in Massachusetts;
- ✓ Weigh 33,001 lbs. or more;
- ✓ Operate as a long-haul truck with a sleeper berth
- ✓ Be eligible for a retrofit device*

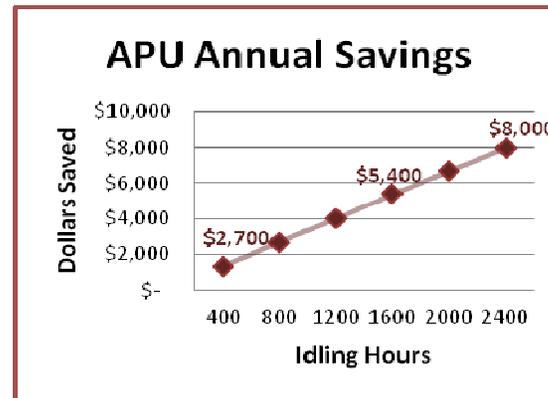
You must also continue to own your vehicle for two years after the APU is installed.

* See *Clean Markets Program Guidance for eligibility requirements for retrofits.*

Why Should I Participate in this Program?

Fuel Savings

As truckers are well aware, diesel engines consume a gallon of diesel fuel each hour. APUs burn only 0.22 gallons of diesel/hour. This means APU grantees can reap significant annual savings in fuel costs—as much as \$8,000 per year (based on 2,400 hours of use and \$4.30/gallon of diesel). These savings will continue throughout the life of the APU. Reducing wear and tear on your engine will also yield additional savings over the years.



Reduced Pollution

Long-haul truck engines are among the highest emitting engines on Massachusetts roads because operators typically run them 24 hours a day to provide heat and cooling.

What Is an APU?

An APU is a small, 19-horsepower Tier 4 engine that is installed on the side of the cab of a long-haul truck to supply heating, cooling, and electrical power. During periods of extended idling, truckers can turn on the APU instead of idling the main engine.

By eliminating main engine idling, APUs reduce the amount of several harmful pollutants, including:

- Fine particulate matter (PM), a pollutant the U.S. Environmental Agency (EPA) has identified as likely to cause cancer and premature death;
- Hydrocarbons (HCs), which help form ground-level ozone and are associated with increased hospital admissions for respiratory distress, including bronchitis;
- Carbon monoxide (CO), exposure to which can cause headaches and nausea;
- Carbon dioxide (CO₂), a greenhouse gas, forms an atmospheric "blanket" that traps heat and causes severe, unstable weather.

An APU will help protect not only your health but the health of your drivers, the employees of the facilities you serve, and the residents of Massachusetts.