

The logo for NYSERDA, featuring a stylized yellow swoosh that loops around the text.

NYSERDA

New York State Energy Research and Development Authority

A large, stylized yellow swoosh graphic that loops around the text.

NYSERDA

Alternative Fuels & Transportation Programs in New York State

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NYSERDA - AFV's

New York State Energy Research and Development Authority (NYSERDA)

- Established in 1975 by State Legislature
- Mission: To identify solutions to State's energy challenges in ways that benefit the State's economy and environment
- Forge public/private partnerships with businesses, municipalities, residents, and other energy stakeholders to accomplish this goal.

AFV Deployment Programs

- Fuel Switching
- Vehicle Efficiency
- Biofuels – Fuel Extenders
- Infrastructure Development
- Emission Reduction

Fuel Switching

- Natural Gas, Propane, Electricity
- Light, medium and Heavy-duty markets
- 50 to 100% of the incremental cost of vehicles
- Taxis, delivery, transit, trash hauling, fleet vehicles
- Infrastructure Issues
- Emission reductions less of a driver – Energy Security



Vehicle Efficiency

- Hybrid Vehicles
- Advanced components
- Medium and Heavy-duty markets
- 50 to 100% of the incremental cost of vehicles
- Delivery, transit, trash hauling, over the road trucks
- Limited Infrastructure Issues
- Emission reductions and Energy Security



Biofuels

- Diesel vehicles and Flex-Fuel Vehicles
- Light, Medium and Heavy-duty markets
- 50% of the cost terminal and retail station upgrades
- Delivery, transit, trash hauling, over the road trucks, fleets and the general public
- Infrastructure Issues
- Emission reductions and Energy Security



Infrastructure Development

- Refueling stations for CNG and Propane, electric charging stations, terminals and retail
- Assists all the Light, Medium and Heavy-duty markets. Not just on road.
- 50% of the incremental cost of equipment including installation
- Taxis, delivery, transit, trash hauling, school buses, ferries, fleet vehicles and the general public
- Assists with both Emission reductions and Energy Security



Emission reduction

- **DPFs, DOC, SCR, EGR, Crankcase filters**
- **Medium and Heavy-duty markets. Not just on road.**
- **50 to 100% of the incremental cost of devices including installation**
- **Taxis, delivery, transit, trash hauling, school buses, ferries**
- **Limited Infrastructure Issues**
- **Emission reductions strictly no Energy Security**



NYC Private Fleet Program PON 1213

- 50% of the incremental cost of light-duty CNG, Electric vehicles
- 80% incremental cost of CNG and Hybrid electric trucks
- 80% of the cost of diesel emission reduction equipment

NYC Private Fleet Program PON 1213

- Over \$6 million available
- Max award per applicant \$1.25 million
- <http://www.nyserda.org/Funding/1093pon.asp>