

Transportation Energy Use Reduction

To receive stewardship recognition for **TRANSPORTATION ENERGY USE REDUCTION**, a site must have employed a program that has substantially improved its energy efficiency by implementing changes in transportation used, excluding employee trip reduction programs. Recognition will be given to facilities for practices such as upgrading their fleets with hybrid or other low emission vehicles or by switching to cleaner burning fuels. However, because efficiency is expected to steadily increase and carries automatic economic savings, improvements should be within the last 5 years despite their on-going contribution.

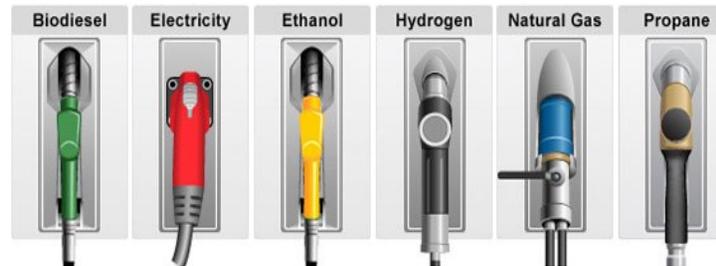


Energy efficiency through **TRANSPORTATION ENERGY USE REDUCTION**

*Changes to fleet should be clearly observable or documented.

*Reduction must have occurred within the past five years.

*Transportation adjustments must have potential to noticeably reduce a site's carbon footprint.



Alternatives that can contribute to **TRANSPORTATION ENERGY USE REDUCTION:**

- ⇒ Biodiesel
- ⇒ Compressed Natural Gas (CNG)
- ⇒ Electric vehicles (EVs)
- ⇒ Ethanol (E85) & Flexible Fuel Vehicles
- ⇒ Hydrogen & Fuel Cell Vehicles
- ⇒ Liquefied Petroleum Gas
- ⇒ Neighborhood Electric Vehicles (NEVs)

Did you know?

1. Biodiesel contains no petroleum but can be combined with petroleum diesel to make a blend that can be used in diesel engines with no major modifications.
2. Biodiesel is biodegradable, nontoxic and essentially free of sulfur and aromatics.
3. Hydrogen is the simplest, lightest and most plentiful element in the universe.
4. Though it has a lower energy rating than gasoline, the high octane rating of ethanol results in increased engine efficiency and performance.

For more information on **TRANSPORTATION ENERGY USE REDUCTION**, visit:

Consumer Energy Center — Alternative Fuel Vehicles

<http://www.energy.ca.gov/transportation/>

EERE: Vehicle Technologies Program

<https://energy.gov/eere/vehicles/vehicle-technologies-office>

US DOE Alternative Fuels & Advanced Vehicles Data Center

<http://www.afdc.energy.gov/afdc/>

For more information contact:

Bureau of Compliance Support & Pollution Prevention at (609) 984-9482

OR

stewardship@dep.nj.gov

