



Northeast Diesel Collaborative Clean Cities Program Overview

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Mission

To ensure America's security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions

Clean Cities Mission

To advance the energy, economic, and environmental security of the U.S. by supporting local decisions to reduce petroleum use in transportation.

- Energy Policy Act of 1992 (EPAAct)
- Provides a framework for businesses and government agencies to work together
- Goal: Reduce U.S. petroleum use by 2.5 billion gallons per year

- Nearly 100 coalitions throughout the United States
- 660,000 AFVs using alternative fuels

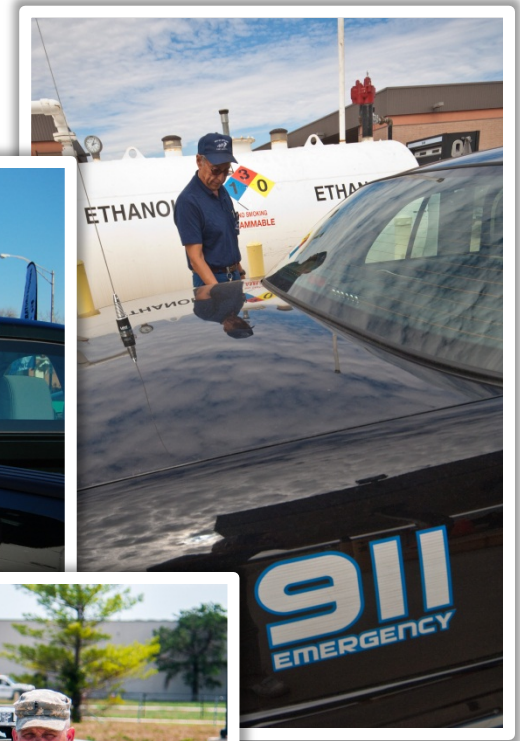
Clean Cities Coalitions



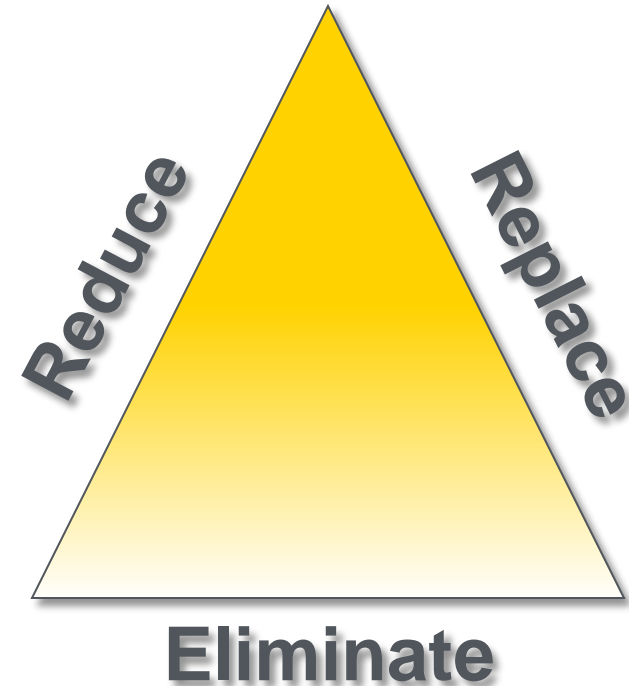
* Total includes more than 16,000 electric charging sites.

Coalitions are made up of local and national stakeholders.

- 13,000 stakeholders nationwide
- 48% private-sector stakeholders
- 52% public-sector stakeholders



- **Replace** petroleum with alternative and renewable fuels
- **Reduce** petroleum use through fuel efficiency measures, smarter driving practices
- **Eliminate** petroleum use through idle-reduction and other fuel-saving technologies and practices



Clean Cities has saved nearly 4.5 billion gallons of petroleum since 1993.

Alternative and Renewable Fuels

- Biodiesel
- Electricity
- Ethanol (E85)
- Hydrogen
- Natural gas
- Propane

Fuel Economy

- Fuel efficient vehicles
- Driving habits
- Vehicle maintenance

Idle Reduction

- Technologies
- Behavioral changes

Trip Elimination

- Telecommuting
- Ridesharing



- Connecting fleets with fuel providers and industry partners
- Training and information
- Technical assistance
- Funding
- Education and outreach to decision makers, fleets, and the public



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Alternative Fuels Data Center

Alternative Fuels Data Center

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Fuels & Vehicles

More Fuels & Vehicles

Biodiesel

Electricity

Ethanol

Hydrogen

Natural Gas

Propane

Turn off the engine.
Turn up the heat.

Discover how truck stop electrification is helping truckers enjoy creature comforts while cutting emissions and fuel costs.

The Information Source for Alternative Fuels and Advanced Vehicles

The Alternative Fuels Data Center (AFDC) provides information, data, and tools to help fleets and other transportation decision makers find ways to reduce petroleum consumption through the use of alternative and renewable fuels, advanced vehicles, and other fuel-saving measures.

The AFDC is a resource of the U.S. Department of Energy's Clean Cities program.

Maps & Data

- U.S. Alternative Fuel Stations by Fuel Type
- Alternative Fuel Vehicle Use
- U.S. Hybrid Electric Sales by Model

Tools

- Laws & Incentives
- Petroleum Reduction Planning Tool
- Vehicle Cost Calculator
- Light-Duty Vehicle Sales
- Heavy-Duty Vehicle Sales

Find State Information

Select a state

Poll

Our fleet tries to increase fuel efficiency by:

- Requiring driver training
- Providing recognition
- Providing onboard coaching
- Using route optimization
- Reducing vehicle loads
- Other
- None

[View Results](#) [VOTE](#)

EERE » AFDC » Tools

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Petroleum Reduction Planning Tool

This planning tool helps your vehicle fleet reduce petroleum consumption and greenhouse gas (GHG) emissions. Create a comprehensive plan for your fleet by using several savings methods. If your fleet includes multiple vehicle types, add more vehicles to each method.

ASSUMPTIONS

LOG IN TO SAVE/VIEW PLANS

START NEW PLAN

My Current Plan

SET GOAL CLEAR PLAN

Savings Methods	Petroleum Reduction gal/yr	GHG Reduction tons CO ₂ /yr	Fuel Cost Savings \$/yr	Impact on Plan percent
Replace Vehicles ADD ANOTHER	3,285	40	\$9,876	96%
Replace 10 midsize gas cars with 5 minicompact cars (HEV) using B5 edit delete	3,285	40	\$9,876	96%
Use Alternative Fuel in Existing Vehicles ADD TO PLAN	0.00	0.00	\$0.00	0%
Reduce Idling ADD TO PLAN	0.00	0.00	\$0.00	0%
Reduce Mileage ADD ANOTHER	117	1	\$386	3%
Reduce miles traveled in 1 midsize gas car from 11,919 miles to 9,000 miles edit delete	117	1	\$386	3%
Drive Efficiently ADD ANOTHER	9	0.00	\$31	0%
Improve efficiency in 1 midsize gas car by 2% edit delete	9	0	\$31	0%
Total savings from plan per year	3,391 gallons	41 tons of CO₂	\$10,293	100%

Annual Petroleum Reduction

gallons

Annual Greenhouse Gas Reduction

tons of CO₂

● Petroleum reduction goal

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www.fueleconomy.gov
the official U.S. government source for fuel economy information

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Calculate or Share Your MPG

- Estimates from Drivers Like You
- Enter your MPG at the pump

Save Money

Gas Mileage Tips

- Fuel Cost Calculator
- Find the Cheapest Gas

In the news...

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2013 Mercedes-Benz GLK250 Bluetec gets 33 mpg, priced from \$38,950* - Autoblog

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- My Plug-in Hybrid Calculator
- 2013 Top 10 Most Efficient Vehicles
- Find a SmartWay Vehicle
- Hybrids Can Save You Money

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Welcome to My MPG!

We've created "My MPG" to help you calculate and track your fuel economy and compare it with EPA test ratings. You can also share your MPG with other users.

Benefits of Registering

If you register, you will be able to save your MPG information and view, edit, or update it later. You will also be able to share your MPG with others. Fueleconomy.gov retains no information that could be used to identify any individual with a user name or password.

As a non-registered guest, you still have access to all MPG tools, but you cannot save your data or share your MPG.

We Can Help You...

- [Calculate Your MPG](#)
- [Maintain a Fuel Purchase Record](#)

Other Useful Tools

- [Our Printable Form for Recording Fuel Purchases](#)
- [MPG Estimates from Drivers Like You](#)

Tracking Your MPG Just Got Easier

Now you can enter "My MPG" data at the pump from your mobile device at fueleconomy.gov/m/

New User

- [I want to register!](#)
- [I want to enter as a guest.](#)

Registered User Login*

User Name:

Password:

[I forgot my password](#)

*User name and password are case sensitive.



Alternative Fuels Station Locator

Clean Cities

www.cleancities.energy.gov

Alternative Fuels Data Center

www.afdc.energy.gov

FuelEconomy.gov

www.fueleconomy.gov

Clean Cities Coordinators and Coalitions

www.afdc.energy.gov/cleancities/coalitions/coalition_locations.php

- October 18, 1996 became a designated Clean Cities Coalition
- GLICCC covers Nassau & Suffolk Counties
- 584 Stakeholders
- 15,172,954 gallons - 2012 Gallons of Gasoline Equivalent Reduced
- 35,244 tons – 2012 Greenhouse Gas Emissions Reduced
- 10,150 Alternative Fuel, Electric, Fuel Economy Improvement, Off- Road and Hybrid & Plug-in Vehicles
- 68 Alternative Fueling & Charging Stations
- 87 Meetings, Events and Workshops Held & Attended in 2012
- \$14,994,183 American Recovery Reinvestment Act Funding
- \$10 million in Congestion Mitigation Air Quality (CMAQ) Funding
- \$270,500 New York State Energy Research Development Authority (NYSERDA)

- EPA working with 17 Northeast Clean Cities Coalitions to establish alternative fueling corridors
- Coalitions bring together private and public stakeholders to help fund projects
- EPA working with Coalitions to help educate the public on alternative fuels and their benefits
- EPA and Coalitions to hold First Responders Safety Training
- Coalitions to work with EPA on Electric Charging Network
- EPA working with Coalitions and their stakeholders with the SmartWay Program
- Coalitions to educate EPA on Clean Cities Petroleum Reduction Planning Tool

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