

Clean Cities/AFDC for Propane Marketing



Propane Engine Summit

Wendy Dafoe

November 14, 2008

I'm from the government and I'm here to help.

U.S. DOE CLEAN CITIES

- Program staff at Headquarters, NETL, and NREL
 - Maintain databases, websites, on-line tools, field inquiries, pursue activities that benefit coalitions.
- Coordinators throughout the country implementing alternative fuels
 - Coordinators work on behalf of their local stakeholders.
 - Their work is not directed by doe
 - Private consultants, MPOs, State and City governments.
- Clean Cities portfolio includes LPG, CNG, E85, biodiesel, idle reduction, low level blends, fuel economy. LD/MD/HD. Private and public applications.
- My role.

Two pieces: Clean Cities and Alternative Fuels Data Center (AFDC)



U.S. Department of Energy

Energy Efficiency and Renewable Energy

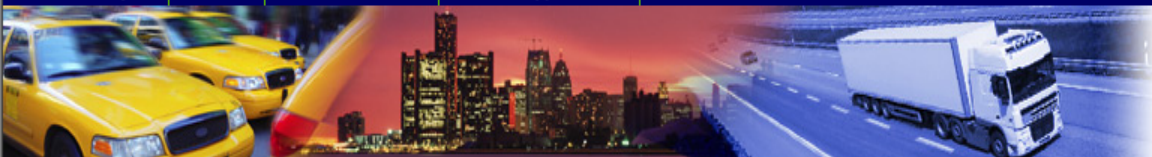
Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable



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Clean Cities Now

Your news is now only a click away

Alternative Fuels & Advanced Vehicles Data Center

AFDC RSS Feed

RSS

Clean Cities strives to advance the nation's economic, environmental, and energy security by supporting local decisions to adopt practices that contribute to the reduction of petroleum consumption. Clean Cities has a network of approximately 90 volunteer coalitions, which develop public/private partnerships to promote alternative fuels and advanced vehicles, fuel blends, fuel economy, hybrid vehicles, and idle reduction.

Clean Cities is part of the Office of Energy Efficiency and Renewable Energy's [Vehicle Technologies](#) Program.



Petroleum Reduction Tools & Information

[Alternative Fuels and Advanced Vehicles Data Center](#): This Web site educates consumers and fleets on alternative fuels and advanced vehicles.

[Fuel Economy.gov](#): This Web site compares gas mileage, emissions, air pollution ratings, and safety data for new and used vehicles.



Select Coalition-Related Information

- [Starting Coalitions](#)
- [Coalition Locations](#)
- [Program Contacts](#)
- [Coordinator Contacts](#)



[What is Clean Cities? Fact Sheet \(PDF 2 MB\)](#)

[Download Adobe Reader](#)



[Clean Cities Now](#)

This quarterly newsletter addresses industry news, coalition successes, and program information.



[Coordinator Toolbox](#)

This subsite helps coordinators develop strong coalitions, promote partnerships, and facilitate activities.

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NEWS

ConocoPhillips to Offer Propane at
CleanFuel Pumps [▶](#)
November 10, 2008

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EDTA Conference & Exposition
2008: Powering Sustainable
Transportation [▶](#)
12/02/2008 - 12/04/2008

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FEATURES

 **National
Biofuels
Action Plan** [▶](#)

 **Clean Cities**

The Alternative Fuels and Advanced Vehicles Data Center (AFDC, formerly known as the Alternative Fuels Data Center) provides a wide range of information and resources to enable the use of alternative fuels (as defined by the [Energy Policy Act of 1992](#)), in addition to other petroleum reduction options such as advanced vehicles, fuel blends, idle reduction, and fuel economy.

This site is sponsored by the U.S. Department of Energy's [Clean Cities](#) initiative.



Data, Analysis, and Trends

Our [Data, Analysis, and Trends](#) section provides industry trends and facts based on data analysis.

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Alternative Fuel Portals

- [Biodiesel](#)
- [Electricity](#)
- [Ethanol](#)
- [Hydrogen](#)
- [Natural Gas](#)
- [Propane](#)

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Select Vehicle Information

- [Conversions](#)
- [Emissions](#)
- [Fuel Economy](#)
- [HEVs](#)
- [Plug-in Hybrids](#)
- [Idle Reduction](#)

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Quick Links to AFDC Tools

- [Vehicle Make & Model Search](#)
- [Alternative Fueling Station Locator](#)
- [Incentives & Laws](#)
- [Publications Search](#)
- [State Information](#)

Refueling Site Locator



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Basic Station Search

Map a Route

Advanced Options

First: Select one or more fuels.

- Biodiesel (B20 and above)
- Compressed Natural Gas
- Electric
- Ethanol (E85)
- Hydrogen
- Liquefied Natural Gas (LNG)
- Liquefied Petroleum Gas (Propane)

Second: Enter a complete address or zip code.

Show stations within a mile radius.

Get Results

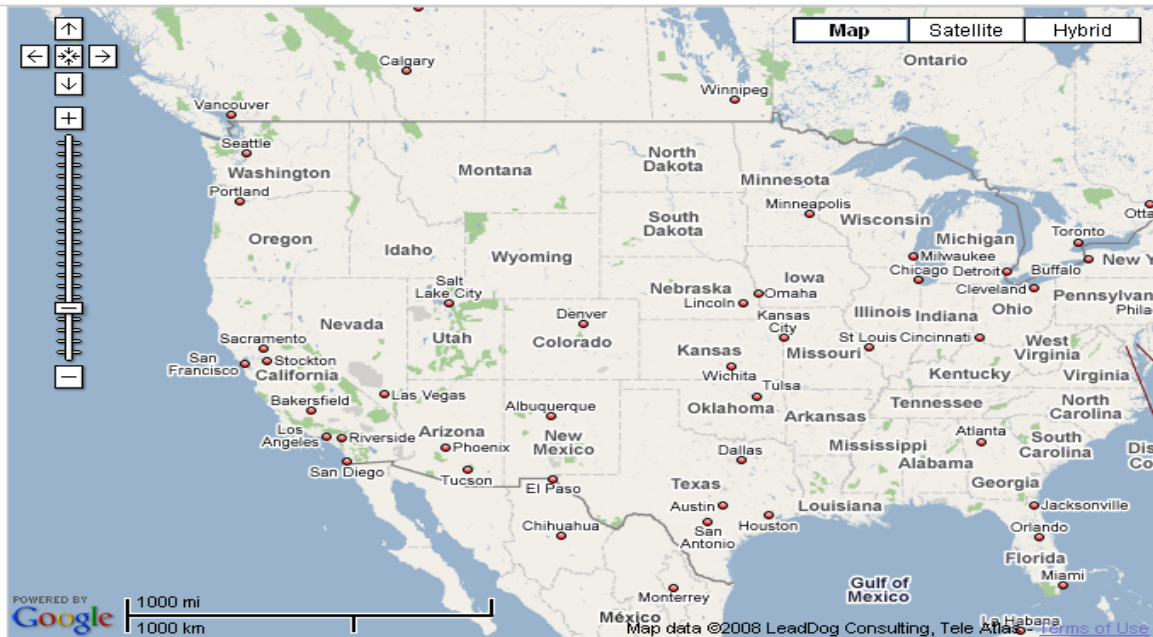
Note: For a state search, use [Advanced Options](#).

Additional Alternative Fueling Station Resources

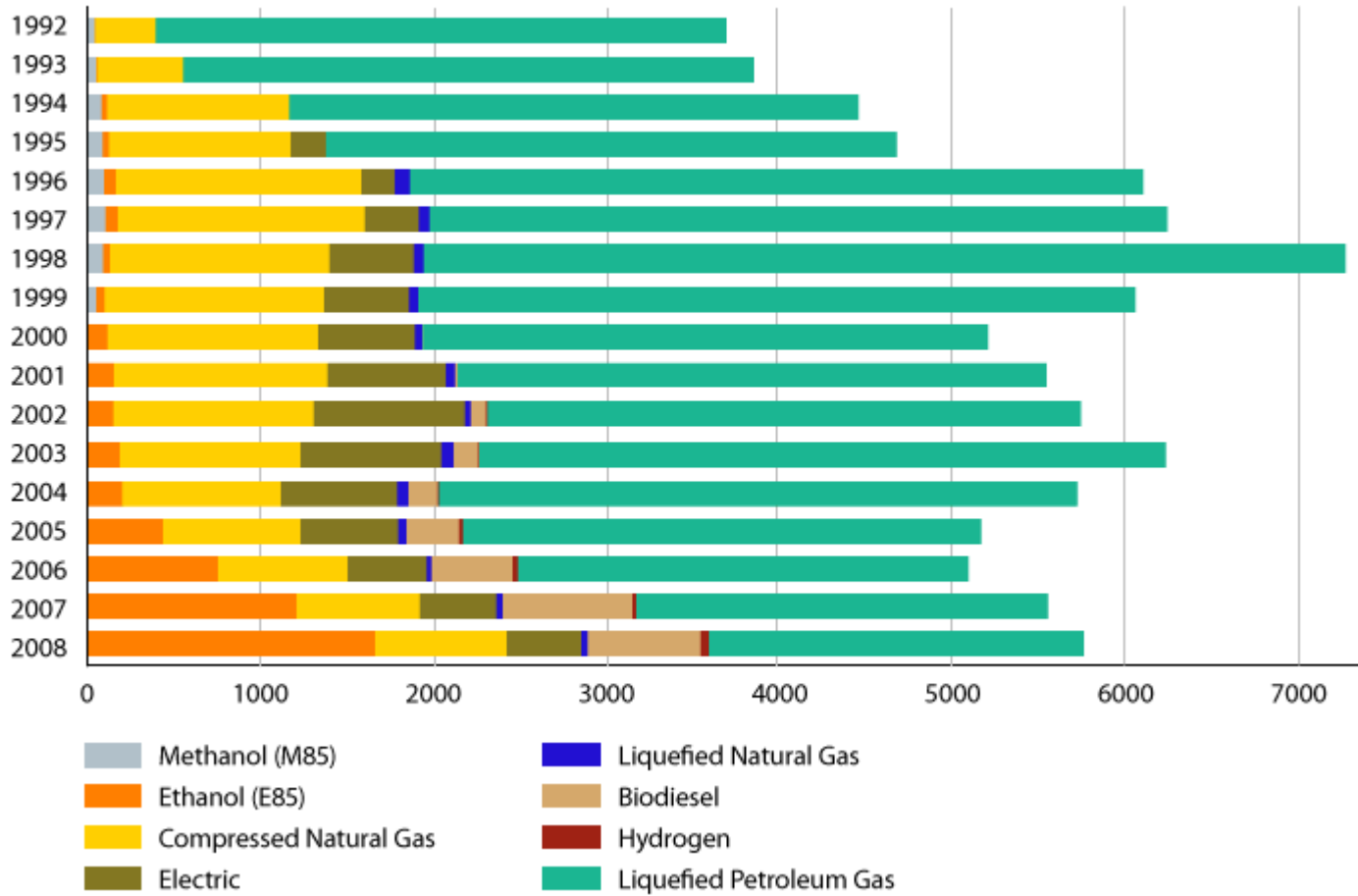
[Total Station Counts by Fuel & State](#)
[U.S. Overview Maps](#)
[Add/Delete a Station](#)

Additional Mapping Resources

[Truckstop Electrification Site Locator](#)
[Geographic Data, Analysis, and Trends](#)
[Biomass Resources](#)



U.S. Alternative Fueling Station Count



Why it matters to you

Fleets can't consider fuels they don't know are there.

Numbers are widely published

Partner, partner, partner

State associations

Events like this

2008 Verizon evaluation

- 55,000 vehicles at 600+ garage locations
- Analysis determined when their garage locations were within 5 miles of an alternative fuel based on the data in our database.

State & Federal Laws and Incentives

Alternative Fuels & Advanced Vehicles Data Center

About the AFDC | Fuels | Vehicles | Fleets | **Incentives & Laws** | Data, Analysis & Trends | Information Resources | Home

State & Federal Incentives & Laws


[Printable Version](#)

Our database captures state and federal laws and incentives related to alternative fuels and vehicles, air quality, fuel efficiency, and other transportation-related topics. State-level information is updated annually after each state's legislative session ends. To access state information, select a state from the map below. Federal information is updated after enacted legislation is signed into law. Select the Federal Incentives and Laws link below for the latest federal-level information.

Read a brief summary of the provisions of the [Energy Improvement and Extension Act of 2008](#) that was part of the Emergency Economic Stabilization Act. These provisions pertain to alternative fuels and vehicles.

The [Energy Independence and Security Act of 2007](#) (P.L. 110-140) was signed into law on December 19, 2007. This broad-reaching policy contains many provisions to increase energy efficiency and the availability of renewable energy. For the complete text, download The Energy Independence and Security Act of 2007 ([PDF 895 KB](#)). [Download Adobe Reader](#)

Selected summaries from federal legislation related to alternative fuels and advanced transportation technologies are also available, view [select summaries](#).

-  [Federal Incentives and Laws](#)
- [Recent Federal Actions](#)



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Custom Query

Create a search query to compare state laws, combine federal and state incentives, and more. ▶

Summary Tables

[Incentive Type](#) ▶

[Regulation Type](#) ▶

[Technology/Fuel Type](#) ▶

[User Type](#) ▶

State Incentives/Laws detail



Michigan Incentives and Laws

Last Updated December 2007

The Michigan legislature is in continuous session with the new sessions starting in early January. During the session, the governor must sign or veto legislation within 14 days after transmittal or it becomes law without signature. However, if the legislature adjourns prior to the end of the 14-day time period, the governor's failure to act results in a pocket veto.

Michigan is the home of the Ann Arbor (www.aacleancities.org), Detroit Area (www.nextenergy.org/services/collaborativeprograms/wg_cleancities.aspx), and Greater Lansing Area (www.michigancleancities.org) Clean Cities Coalitions. Coordinator contact information is listed in the Points of Contact section.

[View All Michigan Summaries](#) ▶

State Incentives

- [Hybrid Electric Vehicle Research and Development Tax Credit](#)
- [Alternative Fuel Research and Development Tax Exemption](#)
- [Alternative Fuel Fueling Infrastructure Grants](#)
- [Reduced Biofuels Tax](#)
- [Alternative Fuel Development Property Tax Exemption](#)
- [Alternative Fuel Vehicle \(AFV\) Emissions Inspection Exemption](#)

State Laws and Regulations

- [Acquisition and Alternative Fuel Use Requirement](#)
- [Regional Biofuels Promotion Plan](#)
- [Renewable Fuels Commission](#)
- [Biofuels Blender Requirements](#)
- [Hydrogen Production and Retail Requirements](#)
- [Biodiesel Retail and Storage Requirements](#)

Utilities/Private Incentives

- [Alternative Energy Technology Promotion](#)

U.S. DOE CLEAN CITIES

- Tax credit question from Thursday

What we can do better together

- Refueling locator
- Fleet Experiences
- Buyers Guide
- Energy Independence Days (non DOE event)
- Technical Response Service