

KANSAS CITY REGIONAL CLEAN CITIES COALITION



KC Regional Clean Cities Overview

Nebraska Clean Cities Coalition Meeting

November 8, 2010



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Clean Cities' Mission

To advance the energy, economic, and environmental security of the U.S. by supporting local decisions to adopt practices that contribute to the reduction of petroleum consumption in the transportation sector.

- Sponsored by the DOE's Office of Energy Efficiency and Renewable Energy's Vehicle Technologies program
- Provides a framework for businesses and governments to work together as a coalition to enhance markets
- Coordinate activities, identify mutual interests, develop regional economic opportunities, and improve air quality

Clean Cities Stakeholders

Coalitions are made up of local and national stakeholders.

- Over 4,000 local stakeholders
- 49% private stakeholders

Kansas City Regional Clean Cities

- Over 225 stakeholder organizations



- Educate fleets, elected officials, and the general public
 - July 9 Ethanol seminar at Johnson County Community College
 - July 22 Plug-in seminar at University of Missouri - Kansas City
 - August 10 CNG workshop and ride-n-drive
 - Provided support to stakeholder events in August and October
 - October 15 Clean Transportation Exposition and Odyssey Event at Metropolitan Community College – Longview campus.

- Increase public awareness
 - June 3 event to celebrate the City of Kansas City Missouri's 4th CNG fueling station
 - August 3 event to celebrate Lee's Summit School District's deployment of the nation's first all-electric school delivery fleet
 - August 11 event to celebrate the opening of Wil Fisher's biodiesel filtration and dispensing station in Springfield, MO
 - Attend regional sustainability events

- Encourage the use of alternative technologies
 - More than 300 alternative fuel and advanced technology vehicles deployed in the next 13 months
- Expand infrastructure
 - 7 new E85 and B20 stations on the Kansas side this fall and next spring
 - 12 public and private electric charge stations installed in the next 13 months
 - 4 new public, 2 upgraded public, and 2 private CNG stations next year

- Support regulated fleets
 - Information
 - Technical support
 - Facilitating partnerships
- Create jobs and commercial opportunities
- Increase demand and help develop market-driven products

- Mid-America Green Fleets
- Greater Kansas City Plug-in Readiness Initiative
- Regional CNG Task Force
- . . . More

- Recently launched.
- **All fleets** are eligible for enrollment, consultation, access to funding, and public recognition. **All free.**
- Supported by sponsorships from vendors and manufacturers who want your business, but administered by fuel and technology neutral Clean Cities staff.
- Eligible sponsors will have EPA and/or CARB certification, EPA SmartWay verification, have a SmartWay Emerging Technology, or be similarly qualified through a recognized authority for its technology category.



Founding Sponsors:



Annual Outcomes (Ohio Green Fleets):

NOx (tons/year)	PM (tons/year)	VOC (tons/year)	CO (tons/year)	CO2 (tons/year)	Petroleum Reduced (gallons/year)
55.723365	2.0996534	3.1146	30.537401	22511.113	3,553,996.42



Mission

To establish a comprehensive strategy for Greater Kansas City that enables widespread adoption of plug-in vehicles, with follow-on implementation of the strategy.

Method

- To form a task force made up of area representatives from each of the major stakeholder groups necessary to form a vibrant plug-in vehicle ecosystem.
- To establish subteams for each of six major components required for successful development of a vibrant plug-in ecosystem. Each has taken responsibility for developing strategy within that area.
- To engage public officials and area businesses for support, as well as provide opportunity for public comment.

Output

- Strong area leadership in the plug-in vehicle and infrastructure space.
- A considered plan for public electric charge station installations.
- Model strategy, incentive, and permitting documents for public agencies and business to adapt or adopt.
- Timely execution with partners.

Purpose and Scope

- To assemble and coordinate resources throughout Iowa, Missouri, Kansas and Nebraska that will promote the use of and help establish an infrastructure for natural gas vehicles.
- Serve as a resource for the industry to provide information on grants, vehicles, etc.
- Promote legislation at the federal, state and local levels that promotes CNG.

Strategic Vision

- To work together to establish a reliable and fully functional natural gas vehicle infrastructure between the major cities and along the major highways of each state. Then, use that platform to grow and expand further.
- To focus on fleet conversions and/or purchase of natural gas vehicles where appropriate to develop the infrastructure.
- To promote CNG as an alternative fuel for the public.

Goals and Objectives

- To support the opening of public CNG stations in Kansas City, Springfield, St. Louis, Columbia, Omaha, Topeka, Lawrence, Manhattan and Wichita.
- To promote the use of CNG among commercial fleets and city governments in each city.
- To support the support the displacement of millions of gallons of diesel and gasoline throughout the area.
- To advocate a geographic network of stations that will allow free travel throughout each state using CNG.
- To encourage individual compressor installation for CNG at businesses as appropriate.
- To support legislation at every level for CNG in every state.
- To share resources to meet these goals and objectives.

Breakdown of Grants by Number and Value

- Awarded 160 grants worth \$34 million
- Included \$66 million from stakeholders
- 8:1 leveraging of FY2008 program budget

Size Category	Number	% of Total Number	Total Value	% of Grand Total Value
<\$50,000	91	57%	\$1,114,204	3%
\$50,000-\$99,999	22	14%	\$1,442,431	4%
\$100,000-\$499,999	31	19%	\$6,626,466	20%
\$500,000-\$999,999	9	6%	\$5,683,000	17%
\$1,000,000 +	7	4%	\$19,106,210	56%
Grand Total	160	100%	\$33,972,310	100%

Source: Clean Cities Annual Metrics Report 2008, August 2009

For air quality nonattainment areas:

National Clean Diesel Program

- FY2011 National Grants \$42 Million
 - National Clean Diesel Funding Assistance \$32 M
 - Clean Diesel Emerging Technologies \$4 M
 - National Clean Diesel Finance Program \$6 M
- FY2011 State Grants \$18 Million

Congestion Mitigation / Air Quality (CMAQ)

For all areas:

Clean Cities Funding Opportunity

- FY2011 \$20-30 million anticipated
 - **Alternative Fuel Vehicles**
 - **Alternative Fuel Infrastructure (refueling stations)**
 - **Electric Vehicles and Supply Equipment (anticipated)**

Funding information resources:

- http://www1.eere.energy.gov/cleancities/financial_opps.html
- www.grants.gov

U.S. DEPARTMENT OF **ENERGY** | Energy Efficiency & Renewable Energy

Clean Cities

About the Program | Coalitions | Coordinator Toolkits | Financial Opportunities | Information Resources

Search Help | More Search Options | EERE Information Center

NEWS

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 50 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](#).

- Select Coalition-Related Information**
- Starting Coalitions
 - Coalition Locations
 - Program Contacts
 - Coordinator Contacts

What is Clean Cities? Fact Sheet (PDF 2 MB) - Download Adobe Reader

Printable Version

U.S. DEPARTMENT OF **ENERGY** | Energy Efficiency & Renewable Energy

Alternative Fuels & Advanced Vehicles Data Center

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

Search Help | More Search Options | EERE Information Center

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.

Printable Version

www.fueleconomy.gov

Links | FAQ | Site Map | Search | Contacts

United States Department of Energy | Energy Efficiency and Renewable Energy | United States Environmental Protection Agency

FIND AND COMPARE CARS ...



Gas mileage (MPG), greenhouse gas emissions, air pollution ratings, and safety information for new and used cars and trucks

- Compare Side-by-Side
- Advanced Search

YOUR MPG ...



Why is fuel economy important?
Climate Change
Strengthen National Security

Diesel Vehicles
Tax Incentives
Biodiesel

Gas Mileage Tips
Driving More Efficiently
Drive Smarter Challenge

Hybrid Vehicles
How Hybrids Work
Tax Incentives

Videos
Extreme MPG
Motorweek Videos

Alternative Fuel Vehicles
Flex-Fuel Vehicles

CARS
car allowance rebate system

Trade in your old, inefficient vehicle for a new, more efficient one.

Also known as the "Cash for Clunkers" Program

In the News ...

Electric Cars' MPG Conundrum - BusinessWeek

More Are Hired to Speed Up the Clunker Reimbursements - The New York Times

Scion dealers say tiny iQ is coming in 2010 - AutoWeek

Disclaimer | More News

Clean Cities

AFDC

FuelEconomy.gov

Clean Cities Web Site

- Financial opportunities
- Information resources
 - ✓ Newsletters
 - ✓ Technology bulletins
 - ✓ Technical assistance



AFDC Web Site

- Alternative fueling station locator
 - Incentives and laws
 - Clean fleet guide
 - Data, analysis, and trends
 - Alternative fuel price report
 - Technology bulletins & newsletters
 - State-specific Web pages
 - Vehicles searches
 - Cost calculators
 - Idle reduction equipment listing and search options
 - Searchable document database
- ...and much much more!



FuelEconomy.gov Web Site

Fuel economy information

- ✓ Side-by-side comparisons
- ✓ Fuel economy ratings
- ✓ Carbon footprint
- ✓ Average annual fuel cost

The screenshot shows the FuelEconomy.gov website interface. At the top, there's a navigation bar with the URL 'www.fueleconomy.gov' and links for 'Links | FAQ | Site Map | Search | Contacts'. Below this is a banner image featuring four different cars: a silver sedan, a white SUV, a silver sedan, and a yellow car. The website is affiliated with the 'United States Department of Energy Energy Efficiency and Renewable Energy' and the 'United States Environmental Protection Agency'.

The main content area is divided into several sections:

- FIND AND COMPARE CARS...**: Includes a photo of a woman at a laptop and text about gas mileage (MPG), greenhouse gas emissions, air pollution ratings, and safety information. It offers links for 'Compare Side-by-Side' and 'Advanced Search'.
- YOUR MPG ...**: Features a photo of a red sports car.
- Why is fuel economy important?**: Lists 'Climate Change' and 'Strengthen National Security'.
- Diesel Vehicles**: Mentions 'NEW! Tax Incentives' and 'Biodiesel'.
- Gas Mileage Tips**: Includes 'Driving More Efficiently' and 'Drive \$marter Challenge'.
- Hybrid Vehicles**: Discusses 'How Hybrids Work' and 'Tax Incentives'.
- Videos**: Lists 'Extreme MPG' and 'Motorweek Videos'.
- Alternative Fuel Vehicles**: Mentions 'Flex-Fuel Vehicles'.

On the right side, there's a prominent green box for the **CARS car allowance rebate system**, which encourages trading in old, inefficient vehicles for new, more efficient ones. Below this is an 'In the News...' section with links to articles from BusinessWeek, The New York Times, and AutoWeek, along with a 'Disclaimer' and 'More News' link.

Important Web Sites and Resources

Clean Cities Web site

www.eere.energy.gov/ccities

Alternative Fuels & Advanced Vehicles Data Center Web site

www.eere.energy.gov/afdc

Fuel Economy.gov

www.fueleconomy.gov

EPA National Clean Diesel Program

<http://www.epa.gov/otaq/diesel/index.htm>

DOE EERE Information Center and Technical Response Service

Web Site: <http://www.eere.energy.gov/afdc/informationcenter.html>

Phone: 1-800-EERE-INF (1-877-337-3463)

Email: technicalresponse@icfi.com

Hours: 9:00 a.m. – 6:00 p.m. EST

- Rely on the experience of and materials and programs developed by your coordinator peers
- Use the technical resources and tools available through the Department of Energy
- Support your local alternative fuel economy
- Engage state and local government agencies
- Create a business plan
- Spread out the work among your stakeholders

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