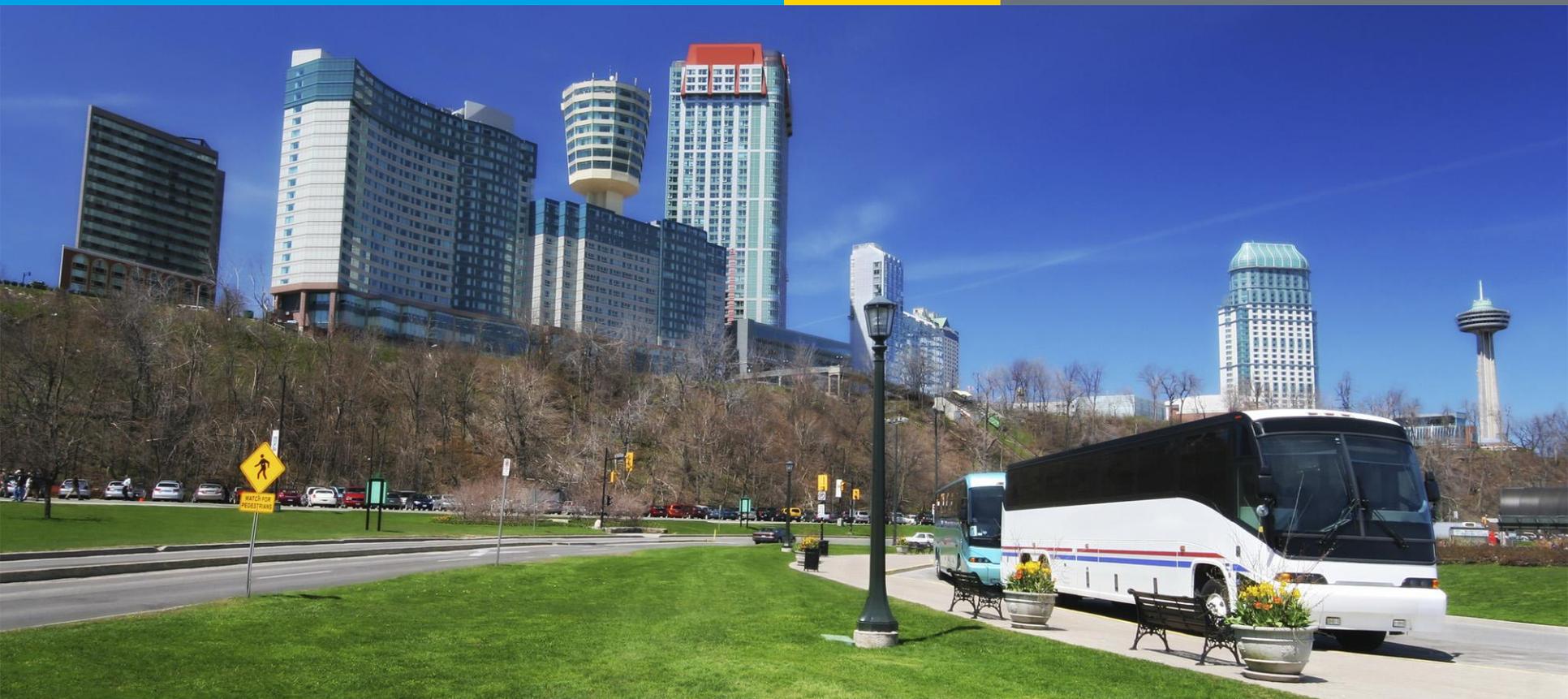


DALLAS-FORT WORTH CLEAN CITIES COALITION



Clean Cities 101

August 12, 2010

Pamela Burns

DFW Clean Cities Co-Coordinator
pburns@nctcog.org

Clean Cities was created by DOE to address the requirements of the Energy Policy Act (EPAAct) of 1992:

To Advance the Nation's Economic, Environmental, and Energy Security by Supporting Local practices That Contribute to the Reduction of Petroleum Consumption in the Transportation Sector

Currently, the National Clean Cities Program is part of the Office of Energy Efficiency and Renewable Energy's Vehicle Technologies Program.

About 90 Volunteer Coalitions, Which Develop Public/Private Partnerships to:

- Facilitate the Deployment of Alternative Fuel Vehicles (AFVs)
- Support the Installation of an Alternative Fuel Refueling Infrastructure
- Increase the Use of Fuel Blends (i.e. Diesel/Biodiesel & Ethanol/Gasoline)
- Accelerate Sales of Hybrid Electric Vehicles
- Promote Informed Consumer Choice on Fuel Economy
- Encourage the Use of Idle Reduction Technologies/Policies for Heavy-Duty Trucks and Other Vehicles

Improve Air Quality

Reduce Greenhouse Gas Emissions

Enhance Energy Security

Create Energy Related Jobs in the US

Coordinators

- Local Champion and Point of Contact
- Strong Local Relationships and Understanding of Player and Issues

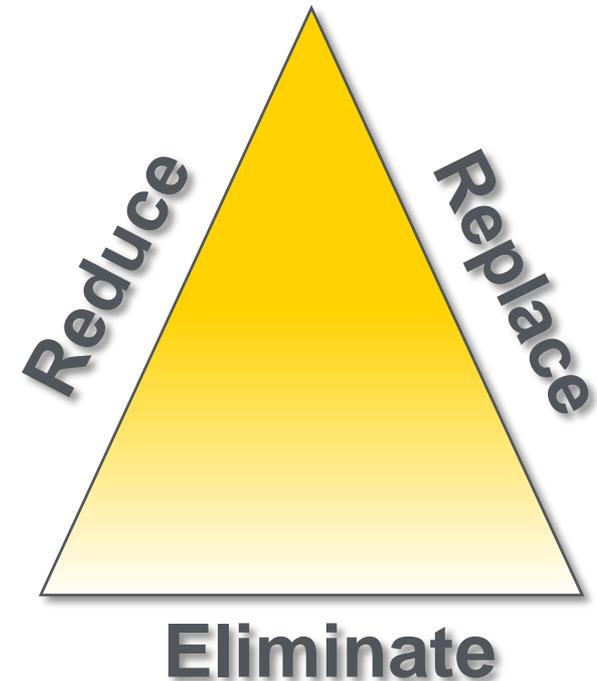
Coalitions

- Members/Stakeholders are Committed to the Mission
- Build Bridges in the Local Community to Mutually Address Barriers

Local Strategy to Advance a National Goal

- Local Involvement Works Effectively in Communities
- National Leadership Adds Legitimacy to Local Activities and Assists with Information Transfer Among Coalitions

- **Replace** petroleum with alternative fuels and low-level blends.
- **Reduce** by promoting energy efficiency in vehicles through advanced technologies and more fuel efficient vehicles.
- **Eliminate** by promoting idle reduction, greater use of mass transit, trip elimination, and other congestion mitigation approaches.



Alternative Fuels and Vehicles

- Biodiesel (B100)
- Electricity
- Ethanol (E85)
- Hydrogen
- Natural gas
- Propane

Fuel Blends

- Biodiesel/diesel blends (B2, B5, B20)
- Ethanol/gasoline blends (E10)
- Hydrogen/natural gas blends (HCNG)

Fuel Economy

- Fuel efficiency
- Behavioral changes
- Vehicle maintenance initiatives
- Vehicle miles traveled (VMT)

Hybrids

- Light- and Heavy-duty HEVs
- PHEVs

Idle Reduction

- Heavy-duty trucks
- School buses
- Truck stop electrification

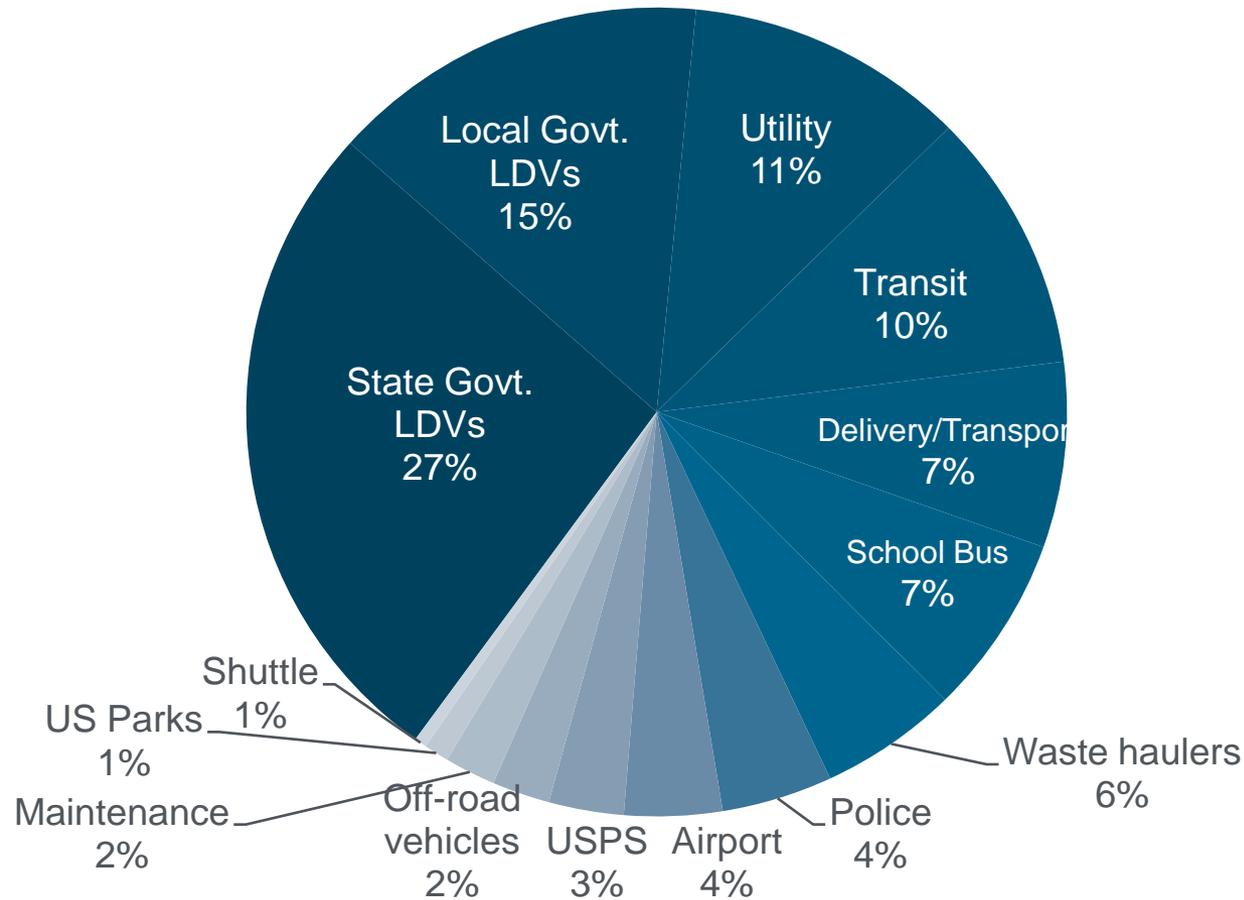
Petroleum Displacement of Each Portfolio Element

Technology	Million GGEs	Percent of Coalitions' Total	Change from Last Year*
AFV	198	69%	-2%
Blends	63	22%	31%
Hybrid Electric Vehicles	12	4%	-26%
Idle Reduction	8	3%	28%
Fuel Economy/VMT Reduction	4	1%	-25%
Off Road	1	0%	na
Coalitions Total	287	100%	3%
ORNL Fuel Economy	125		55%
Grand Total	412		14%

*To enable a direct comparison, changes from last year were calculated from 2007 displacement numbers adjusted to remove E10 and transfer B20 from AFV section to blends.

Source: Clean Cities Annual Metrics Report 2008, August 2009

Percentage of Total AFVs and HEVs by Niche Market



Source: Clean Cities Annual Metrics Report 2008, August 2009

Local Petroleum Displacement

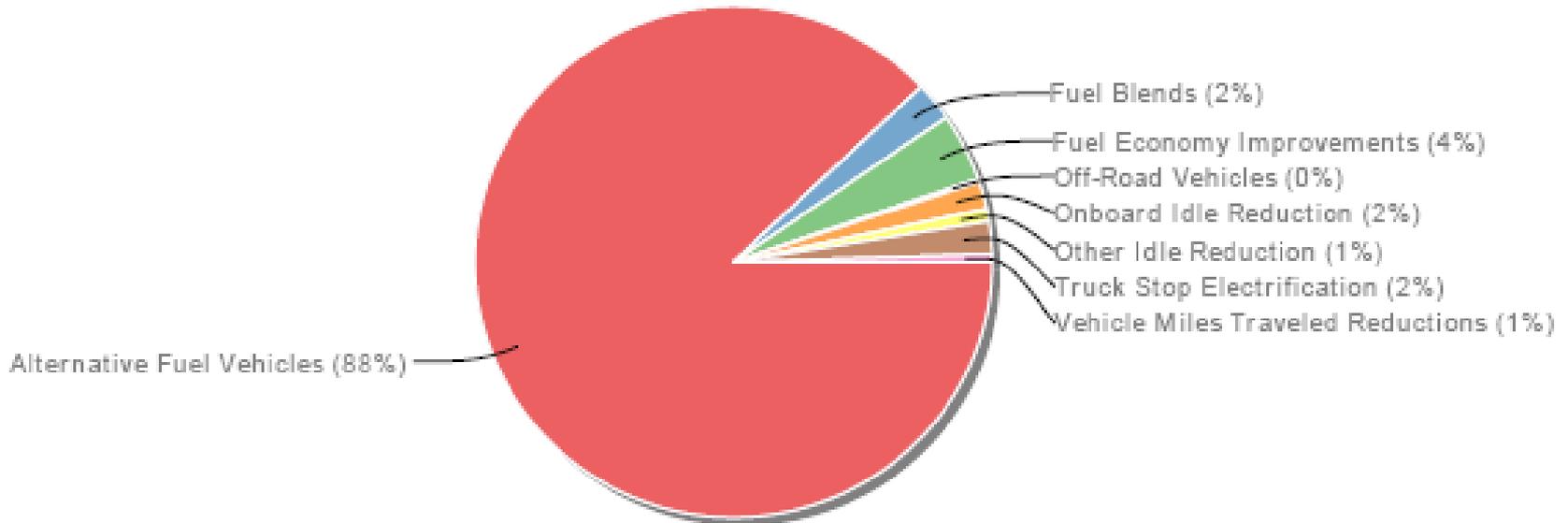


Over 50 Entities Responded

Over 9.7 Million GGE Reduced

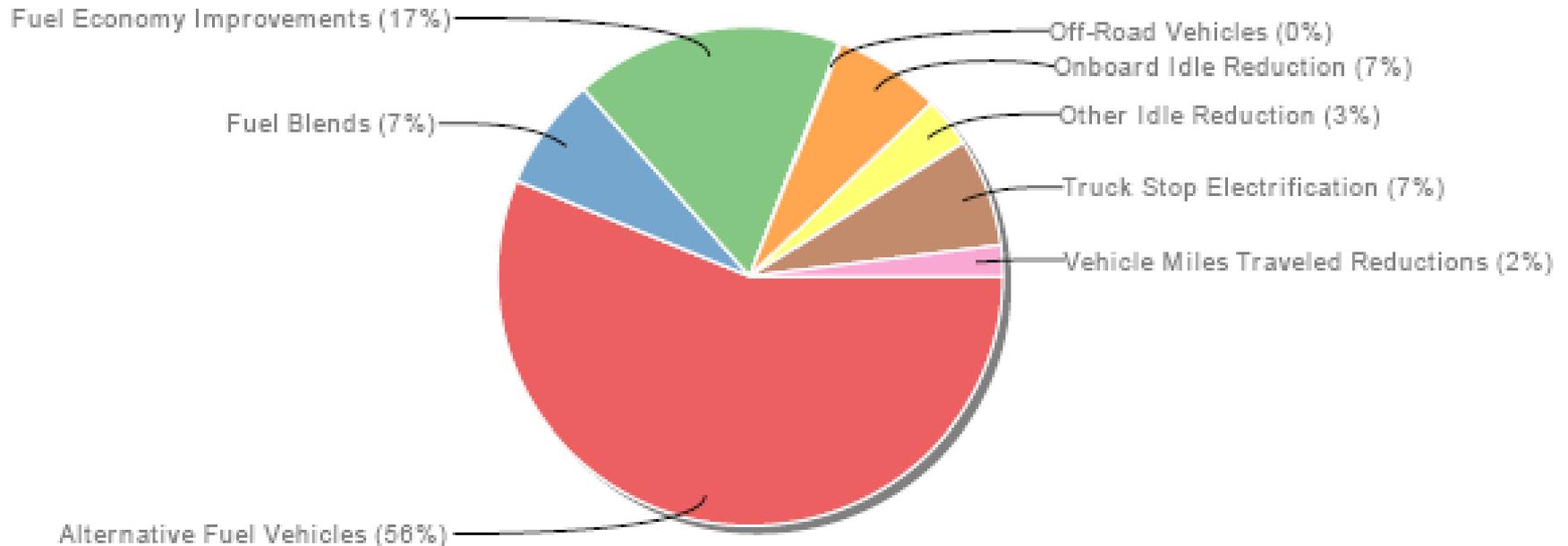
Gallons of Gasoline Equivalent Reduced

9,701,254 gallons



Almost 30,000 Tons GHG Emissions Reduced

Greenhouse Gas Emissions Reduced
29,981 tons



Clean Cities Web Resources



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

Clean Cities

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

Search: Search

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 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](#).



- 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: Search

Search Help > More Search Options >

Site Map | 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.go



Pamela Burns

Dallas-Fort Worth Clean Cities Coalition

North Central Texas Council of Governments

817-704-2510

pburns@nctcog.org

