

U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy

2013 Transportation Technology Deployment Report:

Granite State Clean Cities

January 2013

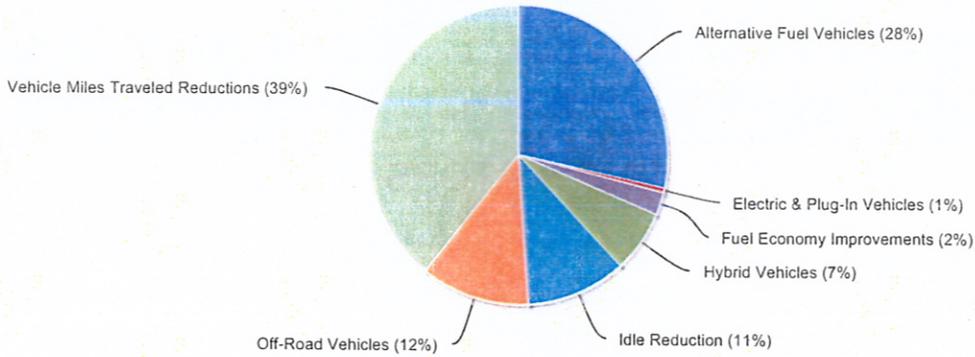


The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and private sectors to deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and new transportation technologies, as they emerge.

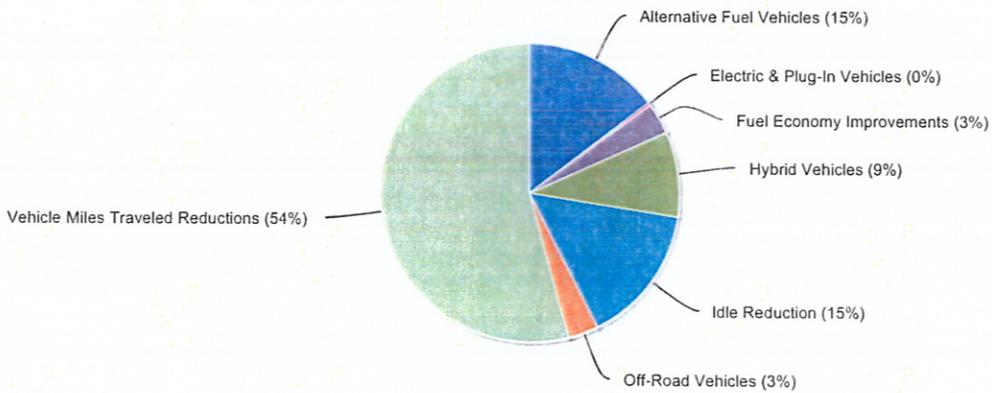
Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory (NREL). The data characterize membership, funding, projects, and activities of the coalitions. The coordinators also submit data on the sales of alternative fuels, deployment of alternative fuel vehicles and hybrid electric vehicles, idle-reduction initiatives, fuel economy activities, and programs to reduce vehicle miles traveled. NREL and DOE analyze the data and translate them into petroleum-use and greenhouse gas reduction impacts for individual coalitions and the program as a whole. This report summarizes those impacts for Granite State Clean Cities.

To view aggregated data for all local coalitions that participate in the Clean Cities program, visit www.eere.energy.gov/cleancities/accomplishments.html.

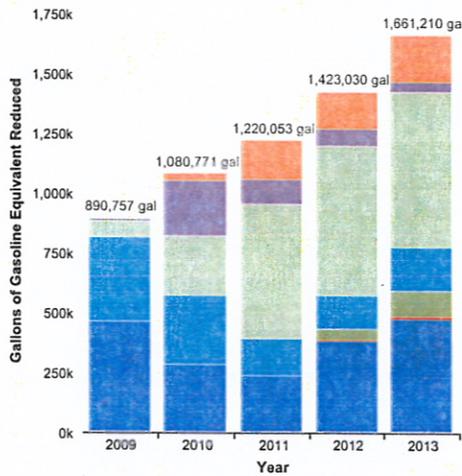
2013 Gallons of Gasoline Equivalent Reduced
1,661,210 gallons



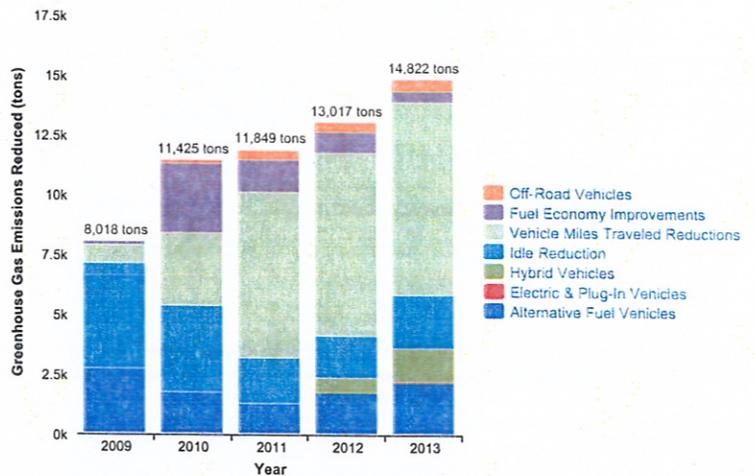
2013 Greenhouse Gas Emissions Reduced
14,822 tons



Historical Gallons of Gasoline Equivalent Reduced



Historical Greenhouse Gas Emissions Reduced



COALITION

Granite State Clean Cities - NH

<http://www.granitestatecleancities.nh.gov>

Designated: 05/31/2002

Boundaries: Entire state of New Hampshire

COORDINATORS

	Address	Telephone	Fax
Dolores Rebolledo	29 Hazen Dr P.O. Box 95 Concord, NH 03302-0095	603-271-6751	603-271-1381
Number of coordinators			1
Coordinator(s) hours per week on Clean Cities			38 hours
Other staff hours per week on Clean Cities			10 hours
How long have you been the coordinator?			4 years

OPERATING INFORMATION

Host organization	Government - State
Stakeholders	
Number of stakeholders	106
Number of private stakeholders	84
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes
Explain State Energy Office's support	
NH Office of Energy and Planning contributed \$30,000 in FY 13	
How would you rate the quality of the data on your survey?	Excellent
How do you obtain most of your data for the survey?	Paper, e-mail, or spreadsheet questionnaire to stakeholders
Has your coalition registered with www.grants.gov ?	Yes
2013 Outside Funding	
Stakeholder dues collected	\$0
How much funding is obtained from other sources to cover coalition operating expenses?	\$7,100
Non-DOE or ARRA grant and matching funds spent in 2013	\$6,000
Total non-DOE or ARRA funding in 2013	\$13,100

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	-	-
E85 - 85% Ethanol	-	-
Electric Chargers	9	2
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
LPG - Liquefied Petroleum Gas	1	-
Total:	10	2

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Southern NH Planning Commission Sustainability Committee Presentation <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> Airport, General Public, Government <i>Clean Cities 20th Anniversary Event:</i> No <i>Presented on EV charging stations and EVs in NH to the MPO's sustainability committee.</i>	01/08/2013	Meeting - Other	100%	17
Meeting with sustainability coordinator for Timberland <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> Private Fleets, Other <i>Clean Cities 20th Anniversary Event:</i> No <i>Timberland headquarters in Stratham NH employs thousands in NH and worldwide. Met with Betsy Blaisdell to discuss installing charging stations.</i>	01/17/2013	Meeting - Other	100%	1
EV Presentation AutoFair Sustainability Committee <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> Other <i>Clean Cities 20th Anniversary Event:</i> No <i>Company owns 7 dealerships and has a sustainability committee that meets 6 times a year.</i>	01/28/2013	Meeting - Other	100%	8
EVSE presentation NH3E <i>Technology:</i> Alternative fuel vehicles <i>Audience:</i> Other <i>Clean Cities 20th Anniversary Event:</i> No <i>Presented on EVSE to hospital association to encourage workplace charging.</i>	03/14/2013	Meeting - Other	100%	30
GSCCC Stakeholder Meeting <i>Technology:</i> Alternative fuel vehicles, Fuel blends, Fuel economy improvements <i>Audience:</i> Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other <i>Clean Cities 20th Anniversary Event:</i> No <i>GSCCC held its quarterly stakeholder meeting on Friday, March 15th at Simply Green headquarters in Portsmouth, NH. A tour of Simply Green's fuel depot followed the meeting.</i>	03/15/2013	Meeting - Stakeholder	100%	22
Presentation for Concord Rotary Club <i>Technology:</i> Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Vehicle miles traveled reduction <i>Audience:</i> General Public, Private Fleets <i>Clean Cities 20th Anniversary Event:</i> No <i>Presented to the Concord Rotary during their monthly luncheon.</i>	03/19/2013	Meeting - Other	100%	35

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
NHTI Air quality and Your Health <i>Technology:</i> Alternative fuel vehicles, Idle reduction <i>Audience:</i> General Public <i>Clean Cities 20th Anniversary Event:</i> No <i>This program also had a tour of one of the State's air monitoring stations.</i>	04/02/2013	Meeting - Other	100%	25
Presentation Local Energy Solutions Conference <i>Technology:</i> Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction <i>Audience:</i> Delivery, General Public, Government, Private Fleets, Transit, Utility <i>Clean Cities 20th Anniversary Event:</i> No <i>Conducted a class/presentation entitled "Beyond Gas and Diesel."</i>	04/13/2013	Conference participation	100%	22
Beyond Gas and Diesel Presentation for Local Energy Solutions Conference <i>Technology:</i> Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction <i>Audience:</i> General Public, Private Fleets, Other <i>Clean Cities 20th Anniversary Event:</i> No <i>Presentation for attendees.</i>	04/13/2013	Conference participation	100%	35
Electric Vehicle Seminar in Salem, NH <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> General Public <i>Clean Cities 20th Anniversary Event:</i> No <i>Presentation at the Town Hall in Salem. Televised on local channel.</i>	04/16/2013	Conference participation	100%	200
Governor's Energy Efficiency Awards <i>Technology:</i> Alternative fuel vehicles, Fuel blends, Hybrid electric vehicles <i>Audience:</i> Government <i>Clean Cities 20th Anniversary Event:</i> No <i>Presented on alternative fuels.</i>	04/19/2013	Conference participation	25%	100
Discover Wild NH Day <i>Technology:</i> Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction <i>Audience:</i> General Public, Government, Private Fleets <i>Clean Cities 20th Anniversary Event:</i> No <i>Great weather, great turnout.</i>	04/20/2013	Meeting - Other	10%	4,800
Bike/Walk to Work Day <i>Technology:</i> Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction <i>Audience:</i> General Public, Government <i>Clean Cities 20th Anniversary Event:</i> No <i>DES and statewide event.</i>	05/17/2013	Literature Distribution	100%	22
Biodiesel Regional Workgroup meeting <i>Technology:</i> Fuel blends <i>Audience:</i> Other <i>Clean Cities 20th Anniversary Event:</i> No <i>Meeting of biodiesel producers and CC coordinators in RI, NH, VT, ME, MA.</i>	06/06/2013	Meeting - Other	100%	25
GSCCC Quarterly Stakeholder Meeting <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> Delivery, General Public, Government, Private Fleets, Utility <i>Clean Cities 20th Anniversary Event:</i> No <i>Event was hosted at Banks Chevrolet and 11 EVS and HEVS were on display for this event.</i>	06/14/2013	Meeting - Stakeholder	100%	35
Fossil Fuel Free Fridays <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public, Government <i>Clean Cities 20th Anniversary Event:</i> No <i>Event encouraged non-motorized transportation.</i>	06/21/2013	Meeting - Other	100%	20

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
AWAKE meeting (air quality and your health) Technology: Alternative fuel vehicles, Idle reduction Audience: General Public Clean Cities 20th Anniversary Event: No <i>DES air quality outreach program.</i>	07/16/2013	Meeting - Other	100%	15
School Bus Driver Instructor Training Technology: Fuel blends, Idle reduction Audience: General Public, Private Fleets, Transit Clean Cities 20th Anniversary Event: No <i>NH STA Handouts, no idling, presentation.</i>	07/17/2013	Meeting - Other	100%	30
Fossil Fuel Free Fridays Technology: Vehicle miles traveled reduction Audience: General Public, Government Clean Cities 20th Anniversary Event: No <i>Event encouraged non-motorized transportation.</i>	07/19/2013	Meeting - Other	100%	19
Fossil Fuel Free Fridays Technology: Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets Clean Cities 20th Anniversary Event: No <i>Event encouraged non-motorized transportation.</i>	08/16/2013	Meeting - Other	100%	17
Fossil Fuel Free Fridays Technology: Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets Clean Cities 20th Anniversary Event: No <i>Event encouraged non-motorized transportation.</i>	09/20/2013	Meeting - Other	100%	14
Biodiesel Workgroup Meeting Technology: Fuel blends Audience: Other Clean Cities 20th Anniversary Event: No <i>Meeting of biodiesel producers and CC coordinators in RI, NH, VT, ME, MA.</i>	09/25/2013	Meeting - Other	100%	18
Clean Cities presentation for RiverWoods Community residents Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: General Public, Private Fleets Clean Cities 20th Anniversary Event: No <i>Provided an overview of the Clean Cities and Clean Cars programs.</i>	09/26/2013	Meeting - Other	100%	30
National Plug-In Day, Manchester, NH Technology: Alternative fuel vehicles Audience: General Public Clean Cities 20th Anniversary Event: No <i>Event with plug in vehicles held in Manchester as part of National Plug-In day.</i>	09/28/2013	Media Event	100%	150
GSCCC Quarterly Stakeholder Meeting Technology: Alternative fuel vehicles, Fuel economy improvements Audience: Delivery, General Public, Government, Private Fleets, Transit, Utility Clean Cities 20th Anniversary Event: No <i>Topics were propane upfitting and "green" automotive products.</i>	10/04/2013	Meeting - Stakeholder	100%	35
NH Celebrates National Plug In Day, Concord, NH Technology: Alternative fuel vehicles Audience: General Public Clean Cities 20th Anniversary Event: No <i>Plug-In day celebration in front of the State House.</i>	10/05/2013	Media Event	100%	500

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
AltWheels Fleet Day	10/07/2013	Workshop held by coalition	10%	200
<p>Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles Audience: Airport, Delivery, General Public, Private Fleets, Transit, Utility, Other Clean Cities 20th Anniversary Event: No</p> <p><i>Area coalitions participated in this event in Norwood, MA. MA Clean Cities did the lion's share of the work however, other coalitions worked on organizing, marketing and as speakers and facilitators.</i></p>				
Presentation at New England College (Air Quality and Your Health)	10/15/2013	Meeting - Other	100%	5
<p>Technology: Idle reduction, Vehicle miles traveled reduction Audience: General Public Clean Cities 20th Anniversary Event: No</p> <p><i>Outreach presentation</i></p>				
Fossil Fuel Free Fridays	10/18/2013	Meeting - Other	100%	11
<p>Technology: Vehicle miles traveled reduction Audience: General Public, Government Clean Cities 20th Anniversary Event: No</p> <p><i>Event encouraged non-motorized transportation.</i></p>				
CNG Cylinder Inspection Class	10/22/2013	Workshop held by coalition	100%	23
<p>Technology: Alternative fuel vehicles Audience: Clean Cities 20th Anniversary Event: No</p> <p><i>A four day CNG cylinder inspection training class. Prepared attendees to take the national exam.</i></p>				
First responder class for gaseous fuels	12/03/2013	Workshop held by coalition	100%	35
<p>Technology: Alternative fuel vehicles Audience: Other Clean Cities 20th Anniversary Event: No</p> <p><i>To train first responders to identify and address CNG propane and hydrogen vehicles during an accident.</i></p>				
GSCCC Quarterly Stakeholder Meeting	12/06/2013	Meeting - Stakeholder	100%	27
<p>Technology: Alternative fuel vehicles, Fuel economy improvements, Hybrid electric vehicles Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Other Clean Cities 20th Anniversary Event: No</p> <p><i>Presentations on winter care of MD and HD vehicles, and on the Hybrid Formula competition.</i></p>				
Propane station ribbon cutting, Patsys, Concord	12/17/2013	Media Event	100%	45,536
<p>Technology: Alternative fuel vehicles Audience: General Public, Government, Private Fleets, Transit Clean Cities 20th Anniversary Event: No</p> <p><i>Patsy's installed a first-of-its-kind public propane fueling station. The ribbon cutting was organized by GSCCC with several dignitaries and fleet people attending. The NH Union Leader printed an article about the opening, as did DES' media center.</i></p>				
Total:				52,062

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2013	Matching Funds Spent in 2013	Total Project Funding Spent in 2013
DOE/LTI funding	\$30,000	\$0	\$30,000	\$30,000	\$0	\$30,000
<p>Length of grant: 1 Year grant began: 2013 Sources of the grant: Department of Energy Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, Fuel Economy Improvements, H2 - Hydrogen, Idle Reduction, LNG - Liquefied Natural Gas, LPG - Liquefied Petroleum Gas, Vehicle-Miles Traveled Reductions Purpose: US DOE Clean Cities funding Deliverables must be met.</p>						
Greater Portland Council of Govts grant	\$99,000	\$0	\$99,000	\$49,500	\$0	\$49,500
<p>Length of grant: 2 Year grant began: 2013 Sources of the grant: Department of Energy Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, H2 - Hydrogen, LNG - Liquefied Natural Gas, LPG - Liquefied Petroleum Gas Purpose: To identify and encourage removal of barriers to the adoption of alternative fuels and vehicles. Total amount of the grant is \$725,703, split between recipient and 6 subrecipients.</p>						
NH Office of Energy and Planning funding (State Energy Program)	\$30,000	\$6,000	\$36,000	\$30,000	\$6,000	\$36,000
<p>Length of grant: 1 Year grant began: 2013 Sources of the grant: Department of Energy Purpose: To enhance the Clean Cities program. Deliverables must be met.</p>						
Total:	\$159,000	\$6,000	\$165,000	\$109,500	\$6,000	\$115,500