

2013 Transportation Technology Deployment Report:

Denver Clean Cities

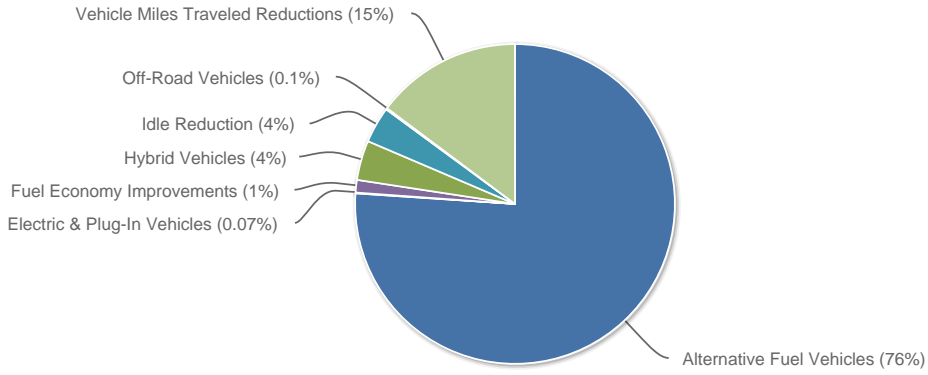
January 2013

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.

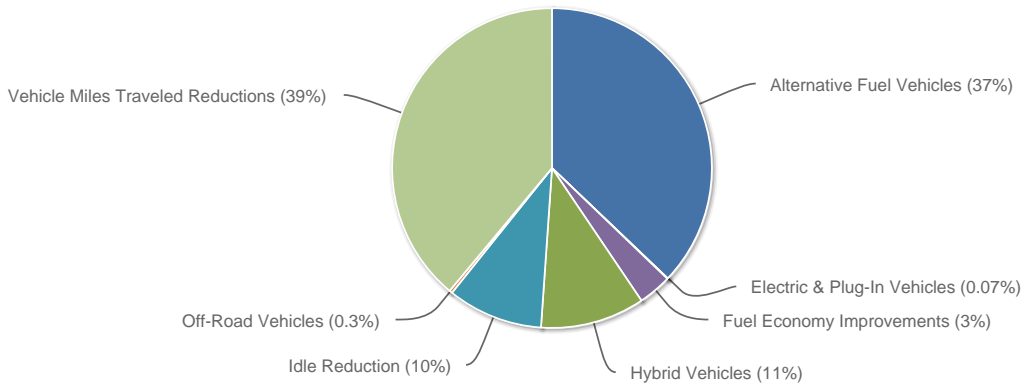
Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory (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 Denver 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.

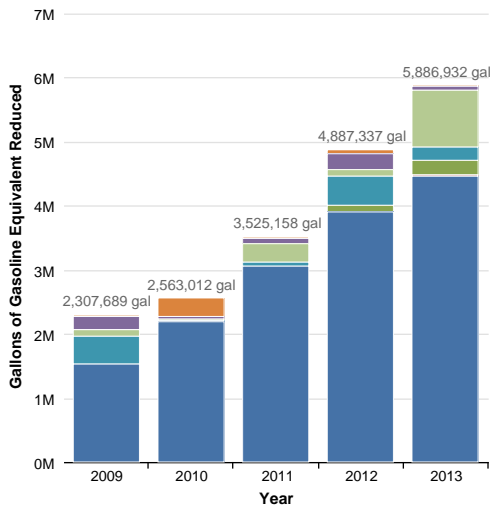
2013 Gallons of Gasoline Equivalent Reduced
5,886,932 gallons



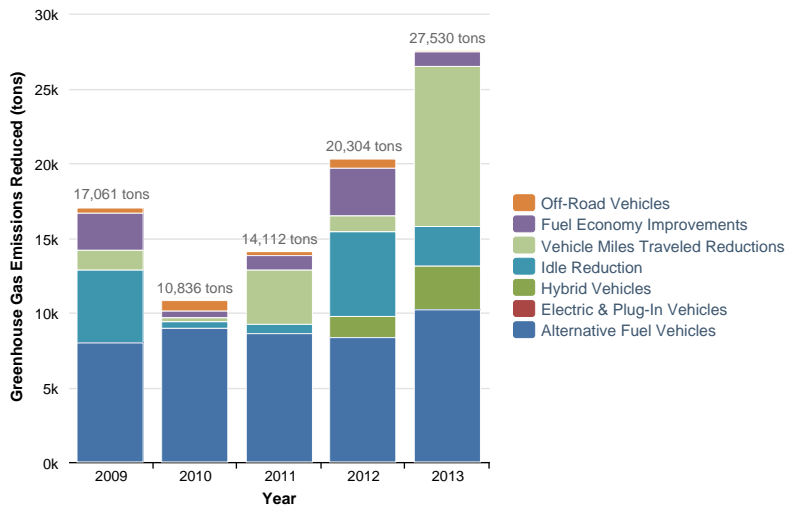
2013 Greenhouse Gas Emissions Reduced
27,530 tons



Historical Gallons of Gasoline Equivalent Reduced



Historical Greenhouse Gas Emissions Reduced



COALITION

Denver Clean Cities - CO

<http://www.denvercleancities.org>

Designated: 09/13/1993

Boundaries: Counties: Adams, Arapahoe, Boulder, Broomfield, Clear Creek, Denver, Douglas, Eagle, Gilpin, Jefferson, Pitkin, Summit; City of Denver

COORDINATORS

	Address	Telephone	Fax
Tyler Svitak	5600 Greenwood Plaza Blvd, Ste 100 Greenwood Village, CO 80111	303-847-0281	303-377-1102
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Number of coordinators			1
Coordinator(s) hours per week on Clean Cities			35 hours
Other staff hours per week on Clean Cities			22 hours
How long have you been the coordinator?			1 years

OPERATING INFORMATION

Host organization	Nonprofit - Hosted
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Stakeholders	
Number of stakeholders	120
Number of private stakeholders	68
Does the State Energy Office provide any financial support to the coalition or stakeholders?	No
How would you rate the quality of the data on your survey?	Excellent
How do you obtain most of your data for the survey?	Coalition records, Paper, e-mail, or spreadsheet questionnaire to stakeholders
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Has your coalition registered with www.grants.gov ?	Yes

2013 Outside Funding

Stakeholder dues collected	\$15,000
How much funding is obtained from other sources to cover coalition operating expenses?	\$12,000
Non-DOE or ARRA grant and matching funds spent in 2013	\$0
Total non-DOE or ARRA funding in 2013	\$27,000

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Alpine Waste and Recycling	Heavy-Duty	CNG	27	248,000 GGE	235,614 gal	443.2 tons
Market: General/Unknown Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Amerigas	Light-Duty	LPG	1	100% of time	357 gal	0.7 tons
Miles traveled per vehicle: 5,000 mi Average vehicle fuel economy: 14 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Amerigas	Light-Duty	LPG	2	3,500 gal	2,590 gal	5.4 tons
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Boulder County	Heavy-Duty	Biodiesel (20%)	163	192,686 gal	39,115 gal	358.4 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Boulder County	Light-Duty	LPG	5	730 gal	540 gal	1.1 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Boulder Valley School District	Heavy-Duty	Biodiesel (5%)	270	290,087 gal	14,722 gal	134.9 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Boulder Valley School District	Heavy-Duty	CNG	8	8,202 GGE	7,792 gal	14.7 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
City and County of Denver	Heavy-Duty	Biodiesel (5%)	740	1,325,834 gal	67,286 gal	616.6 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City and County of Denver	Light-Duty	CNG	7	12,676 GGE	12,043 gal	22.7 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City and County of Denver	Light-Duty	E85	126	25,750 gal	14,402 gal	36.0 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City and County of Denver	Light-Duty	LPG	22	8,766 gal	6,487 gal	13.5 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Arvada	Heavy-Duty	Biodiesel (20%)	45	18,400 gal	3,735 gal	34.2 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Heavy-Duty	Biodiesel (20%)	39	40,380 gal	8,197 gal	75.1 tons
Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Light-Duty	Biodiesel (20%)	5	3,685 gal	898 gal	8.7 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Light-Duty	Biodiesel (20%)	18	2,241 gal	546 gal	5.3 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Light-Duty	CNG	1	24 GGE	23 gal	0.0 tons
Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Light-Duty	E85	3	381 gal	213 gal	0.5 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Light-Duty	E85	17	307 gal	172 gal	0.4 tons
Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boulder	Light-Duty	Biodiesel (20%)	110	48,792 gal	5,943 gal	57.6 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No						
City of Boulder	Light-Duty	E85	144	46,129 gal	12,900 gal	32.2 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No						
City of Boulder	Light-Duty	LPG	2	248 gal	92 gal	0.2 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Englewood	Heavy-Duty	Biodiesel (5%)	106	71,031 gal	3,605 gal	33.0 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Englewood	Heavy-Duty	CNG	9	500 GGE	475 gal	0.9 tons
Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Englewood	Light-Duty	E85	65	56,080 gal	31,366 gal	78.4 tons
Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Lakewood	Heavy-Duty	Biodiesel (5%)	116	86,807 gal	4,405 gal	40.4 tons
Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
Colorado Corn	Light-Duty	E85	2	1,394 gal	195 gal	0.5 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 25% National Clean Fleets Partnership: No						
Colorado Corn	Light-Duty	E85	1	500 gal	70 gal	0.2 tons
Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No						
Colorado State Fleet	Heavy-Duty	Biodiesel (20%)	22	9,680 gal	1,474 gal	13.5 tons
Market: Government - State Vehicle type: Bus: Shuttle Percentage from coalition: 75% National Clean Fleets Partnership: No						
Colorado State Fleet	Heavy-Duty	CNG	17	36,666 GGE	26,126 gal	49.1 tons
Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 75% National Clean Fleets Partnership: No						
Colorado State Fleet	Light-Duty	Biodiesel (20%)	150	36,818 gal	6,727 gal	65.2 tons
Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
Colorado State Fleet	Light-Duty	CNG	42	35,885 GGE	25,570 gal	48.1 tons
Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Colorado State Fleet Market: Government - State Vehicle type: Patrol Car Percentage from coalition: 75% National Clean Fleets Partnership: No	Light-Duty	E85	250	85,937 gal	36,048 gal	90.1 tons
Colorado State Fleet Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No	Light-Duty	E85	200	61,764 gal	25,908 gal	64.8 tons
Colorado State Fleet Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No	Light-Duty	E85	303	88,970 gal	37,321 gal	93.3 tons
Colorado State Fleet Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No	Light-Duty	E85	13	11,764 gal	4,935 gal	12.3 tons
DIA Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	60	895,554 GGE	850,828 gal	1,600.5 tons
DIA Market: Airport Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	CNG	134	80,215 GGE	76,209 gal	143.4 tons
DIA Market: Airport Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	CNG	18	3,468 GGE	3,295 gal	6.2 tons
Encana Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No	Light-Duty	CNG	200	192,120 GGE	91,263 gal	171.7 tons
Foothills Park and Recreation Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	LPG	1	56 gal	41 gal	0.1 tons
GSA, Fleet Management Division Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 65% National Clean Fleets Partnership: No	Heavy-Duty	E85	1,425	153,201 gal	55,695 gal	139.2 tons
Kum and Go Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	E85	10,763	5,363,396 gal	749,937 gal	1,874.6 tons

The only information available for this entry was the total gallons of alternative fuel sold by the station. The rest is estimated conservatively.

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Noble Energy Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No	Light-Duty	CNG	85	106,250 GGE	50,472 gal	94.9 tons
Republic Services Market: General/Unknown Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	60	514,953 GGE	489,235 gal	920.3 tons
Roaring Fork Transportation Authority Market: General/Unknown Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	11	71,356 GGE	67,792 gal	127.5 tons
UPS Commerce City, Andy Grzelak Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes	Heavy-Duty	CNG	184	1,042,525 GGE	990,459 gal	1,863.2 tons
Veolia Transportation Miles traveled per vehicle: 40,000 mi Average vehicle fuel economy: 12 MPGge Market: Taxis Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: Yes	Light-Duty	LPG	100	65% of time	216,667 gal	452.3 tons
Waste Management Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: Yes	Heavy-Duty	CNG	26	208,000 GGE	197,612 gal	371.7 tons
Total:			16,118		4,477,397 gal	10,217 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Arvada Average vehicle fuel economy: 31 MPG Miles traveled per vehicle per year: 4,452 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	HEV	15	966 gal	11.9 tons
Boulder County Average vehicle fuel economy: 44 MPG Miles traveled per vehicle per year: 11,318 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	HEV	37	10,158 gal	125.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Boulder Valley School District Average vehicle fuel economy: 7 MPG Miles traveled per vehicle per year: 22,412 mi Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	HEV	3	1,755 gal	21.6 tons
City and County of Denver Miles traveled per vehicle per year: 2,008 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	Electric	3	281 gal	0.9 tons
City and County of Denver Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 6,074 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	HEV	162	21,381 gal	263.4 tons
City of Boulder Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 4,500 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No	Light-Duty	Electric	2	273 gal	0.9 tons
City of Boulder Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 1,742 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No <i>Vehicle type unknown, so fuel economy estimated.</i>	Light-Duty	Electric	1	53 gal	0.2 tons
City of Englewood Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 8,000 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	HEV	2	175 gal	2.2 tons
Colorado State Fleet Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 20,000 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No	Light-Duty	HEV	179	90,816 gal	1,118.6 tons
Colorado State Fleet Average vehicle fuel economy: 76 MPG Miles traveled per vehicle per year: 20,000 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No	Light-Duty	PHEV	3	2,056 gal	11.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Foothills Park and Recreation Electricity used: 5,519 kWh Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Zamboni ice resurfacers</i>	Light-Duty	Electric	2	563 gal	1.8 tons
Foothills Park and Recreation Miles traveled per vehicle per year: 1 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Off-road utility vehicle, miles traveled unknown</i>	Light-Duty	Electric	1	0 gal	0.0 tons
GSA Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 1,500 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No <i>Miles traveled per year based on 2012.</i>	Light-Duty	Electric	5	295 gal	1.0 tons
GSA Average vehicle fuel economy: 37 MPG Miles traveled per vehicle per year: 7,788 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No <i>Miles traveled based on 2012.</i>	Light-Duty	HEV	182	15,157 gal	186.7 tons
GSA Average vehicle fuel economy: 37 MPG Miles traveled per vehicle per year: 3,000 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No <i>Unknown miles traveled per vehicle per year.</i>	Light-Duty	PHEV	2	64 gal	0.4 tons
Town of Superior Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 12,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	Electric	1	730 gal	2.4 tons
Town of Superior Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 14,000 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	HEV	1	259 gal	3.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Veolia Transportation	Light-Duty	HEV	27	95,298 gal	1,173.9 tons
Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 56,620 mi Market: Taxis Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: Yes					
Total:			628	240,282 gal	2,926 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Arvada	Landscaping and lawn equipment	Alternative fuel or vehicles	Biodiesel (20%)	25	1,522 gal	13.9 tons
Fuel used: 7,497 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Construction equipment	Alternative fuel or vehicles	Biodiesel (20%)	38	2,668 gal	24.5 tons
Fuel used: 13,144 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Colorado State Fleet	Construction equipment	Fuel economy improvement	Diesel	4	3,688 gal	45.7 tons
Fuel reduced: 6,666 gal Percentage from coalition: 50% National Clean Fleets Partnership: No						
Foothills Park and Recreation	Other	Alternative fuel or vehicles	Electric	2	563 gal	0.8 tons
Fuel used: 5,519 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
Foothills Parks and Recreation	Recreational equipment	Alternative fuel or vehicles	Electric	1	1 gal	0.0 tons
Fuel used: 5 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No <i>The kWh are unknown.</i>						
Total:				70	8,441 gal	85 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Colorado State Fleet	17 MPG	21 MPG	113	21,000 mi	19,941 gal	245.6 tons
Method: Cylinder deactivation Vehicle class: Light-Duty Market: Government - State Vehicle type: Patrol Car Percentage from coalition: 75% National Clean Fleets Partnership: No						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Colorado State Fleet	17 MPG	23 MPG	253	19,000 mi	55,324 gal	681.5 tons
Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
Total:			366	40,000 mi	75,265 gal	927 tons

Vehicle Miles Traveled Reductions

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Bike to Work Day	Non-motorized locomotion (e.g., bicycles)	Light-Duty	22,959 gal	282.8 tons
Fuel: Gasoline Fuel economy: 23 MPG Number of vehicles: 27,896 VMT reduction per vehicle: 19 mi Percentage from coalition: 100% National Clean Fleets Partnership: No				
City of Boulder	Car sharing (e.g., Zipcar)	Light-Duty	39 gal	0.5 tons
Fuel: Gasoline Fuel economy: 23 MPG Number of vehicles: 1 VMT reduction per vehicle: 1,742 mi Percentage from coalition: 50% National Clean Fleets Partnership: No <i>Employee EgoCarShare Program</i>				
City of Boulder	Other	Light-Duty	52,953 gal	652.3 tons
Fuel: Gasoline Fuel economy: 30 MPG Number of vehicles: 611 VMT reduction per vehicle: 5,200 mi Percentage from coalition: 50% National Clean Fleets Partnership: No <i>Employee Education for non-SOV use - 47% non-SOV of 1,300 employees</i>				
Colorado State Fleet	Car sharing (e.g., Zipcar)	Light-Duty	132,353 gal	1,630.3 tons
Fuel: Gasoline Fuel economy: 17 MPG Number of vehicles: 250 VMT reduction per vehicle: 12,000 mi Percentage from coalition: 75% National Clean Fleets Partnership: No				
Colorado State Fleet	Carpooling	Light-Duty	132,353 gal	1,630.3 tons
Fuel: Gasoline Fuel economy: 17 MPG Number of vehicles: 250 VMT reduction per vehicle: 12,000 mi Percentage from coalition: 75% National Clean Fleets Partnership: No				
Colorado State Fleet	Mass transit	Light-Duty	264,706 gal	3,260.6 tons
Fuel: Gasoline Fuel economy: 17 MPG Number of vehicles: 500 VMT reduction per vehicle: 12,000 mi Percentage from coalition: 75% National Clean Fleets Partnership: No				

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Colorado State Fleet	Telecommute	Light-Duty	264,706 gal	3,260.6 tons
Fuel: Gasoline Fuel economy: 17 MPG Number of vehicles: 500 VMT reduction per vehicle: 12,000 mi Percentage from coalition: 75% National Clean Fleets Partnership: No				
Total:			870,068 gal	10,717 tons

IDLE REDUCTION

Onboard Idle Reduction

Fleet Name	Number of Vehicles	Equipment Usage per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Colorado State Fleet	13	250 hrs/year	1 gal/hr	2,697 gal	33.2 tons
Equipment: Direct-fire heater Percentage from coalition: 75% National Clean Fleets Partnership: No					
Colorado State Fleet	18	250 hrs/year	1 gal/hr	3,734 gal	46.0 tons
Equipment: Direct heat with thermal storage cooling Percentage from coalition: 75% National Clean Fleets Partnership: No					
Colorado State Fleet	3	200 hrs/year	1 gal/hr	498 gal	6.1 tons
Equipment: Auxiliary power unit (APU) Percentage from coalition: 75% National Clean Fleets Partnership: No					
Encana Fleet	193	1,830 hrs/year	1 gal/hr	160,225 gal	1,973.6 tons
Equipment: Auxiliary power unit (APU) Percentage from coalition: 50% National Clean Fleets Partnership: No					
Foothills Park and Recreation District	3	30 hrs/year	0 gal/hr	50 gal	0.6 tons
Equipment: Direct-fire heater Percentage from coalition: 100% National Clean Fleets Partnership: No					
Total:		230		167,205 gal	2,060 tons

Other Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Colorado State Fleet	10	120 mins/day 30 days/year	30 gal/hr	13,500 gal	167.4 tons
Type of project: Idle reduction programs Type of vehicle: Light-Duty Percentage from coalition: 75% National Clean Fleets Partnership: No					
Colorado State Fleet	50	60 mins/day 250 days/year	0 gal/hr	4,688 gal	58.1 tons
Type of project: Other Type of vehicle: Light-Duty Percentage from coalition: 75% National Clean Fleets Partnership: No <i>Telematics</i>					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Colorado State Fleet	25	60 mins/day 300 days/year	1 gal/hr	5,625 gal	69.8 tons
Type of project: Other Type of vehicle: Other Percentage from coalition: 75% National Clean Fleets Partnership: No <i>Telematics</i>					
Foothills Park and Recreation District	73	60 mins/day 365 days/year	1 gal/hr	17,053 gal	211.5 tons
Type of project: Idle reduction programs Type of vehicle: Other Percentage from coalition: 100% National Clean Fleets Partnership: No					
Foothills Park and Recreation District	58	30 mins/day 365 days/year	1 gal/hr	7,410 gal	91.9 tons
Type of project: Idle reduction programs Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No					
Total:	216			48,275 gal	599 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	1
CNG - Compressed Natural Gas	-	-
E85 - 85% Ethanol	-	2
Electric Chargers	3	7
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
LPG - Liquefied Petroleum Gas	-	-
Total:	3	10

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Earth Day	04/20/2013, 04/22/2013	Literature Distribution	10%	1,000
Technology: Alternative fuel vehicles Audience: General Public Clean Cities 20th Anniversary Event: No <i>Hosted booth, showcased vehicles, or had materials at 4 Earth Day events</i>				
Light Rail Opening	04/27/2013	Literature Distribution	5%	2,000
Technology: Vehicle miles traveled reduction Audience: General Public Clean Cities 20th Anniversary Event: No <i>Attended W Line opening for Light Rail and hosted booth. Thousands of attendees</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Green Transportation Conference	04/30/2013	Conference participation	30%	400
<p>Technology: Alternative fuel vehicles, Fuel economy improvements, Hybrid electric vehicles Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste Clean Cities 20th Anniversary Event: Yes</p> <p><i>Promoted event through garnering sponsorships, recruiting attendees, speaking. Filmed much of 20th anniversary CCTV video at the conference and organized interviews</i></p>				
Technical Review of Clean Cities EV Readiness Projects	05/01/2013	Conference participation	5%	500
<p>Technology: Alternative fuel vehicles Audience: Airport, Delivery, Government, Private Fleets, Utility Clean Cities 20th Anniversary Event: No</p> <p><i>Went to Knoxville, TN to present on findings of Project FEVER</i></p>				
RMFMA Spring Show	05/15/2013	Conference participation	10%	200
<p>Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste Clean Cities 20th Anniversary Event: No</p> <p><i>Had booth at Rocky Mountain Fleet Manager Association spring meeting. Spoke at the meeting about Clean Cities.</i></p>				
Statewide Clean Cities Stakeholder Meeting	07/12/2013	Meeting - Stakeholder	60%	40
<p>Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste Clean Cities 20th Anniversary Event: No</p> <p><i>Hosted the statewide clean cities stakeholder meeting at NREL in conjunction with southern and northern colorado clena cities</i></p>				
BYD Press Event	08/28/2013	Media Event	80%	600
<p>Technology: Alternative fuel vehicles Audience: Airport, General Public, Transit Clean Cities 20th Anniversary Event: No</p> <p><i>Organized press event for new electric bus route taking guests between the airport and local hotels.</i></p>				
National Plug-in Day	09/26/2013, 09/28/2013	Meeting - Other	100%	500
<p>Technology: Alternative fuel vehicles Audience: General Public Clean Cities 20th Anniversary Event: Yes</p> <p><i>DMCCC received award from City of Denver for 20th anniversary. Held press ride-and-drive event the Wednesday before which resulted in several media stories</i></p>				
Green Fleet Expo	10/01/2013, 10/02/2013	Conference participation	100%	400
<p>Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility Clean Cities 20th Anniversary Event: No</p> <p><i>Partnered with the GFX to distribute information and promote the conference through email blasts and social media promotion. Reported reach of 400 is all of those who received communication through newsletters, social media.</i></p>				
Quarterly Stakeholder Meeting	10/16/2013	Meeting - Stakeholder	100%	15
<p>Technology: Alternative fuel vehicles Audience: Government, Private Fleets, Transit, Utility, Waste Clean Cities 20th Anniversary Event: No</p>				
Environmental Leadership Breakfast	10/17/2013	Meeting - Other	10%	300
<p>Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste, Other Clean Cities 20th Anniversary Event: No</p> <p><i>Held booth at Environmental Leadership Program awards breakfast hosted by Colorado Department of Public Health and Environment.</i></p>				
Total:				5,955

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
Clean Energy Economy for the Region	\$45,000	\$0	\$45,000	\$23,532	\$0	\$23,532
<p>Length of grant: 1 Year grant began: 2013 Sources of the grant: Department of Energy, State Government, Foundation or Nonprofit Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, LNG - Liquefied Natural Gas, LPG - Liquefied Petroleum Gas Purpose: Increase alternative fuel use in Colorado fleets</p> <p><i>DOE grant awarded to Colorado Energy Office for increased alternative fuel education and use. Refuel Colorado Fleets is a section of the grant that focuses on energy coaching and fleet audits for public and private fleets in targeted Colorado counties throughout the state. DMCCC was contracted to conduct fleet audits and participate in energy coaching for a region of the state.</i></p>						
Colorado Energy Office	\$27,500	-	\$27,500	\$13,400	\$0	\$13,400
<p>Length of grant: 1 Year grant began: 2013 Sources of the grant: Department of Energy, State Government Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, LNG - Liquefied Natural Gas, LPG - Liquefied Petroleum Gas Purpose: Create website for Refuel Colorado</p> <p><i>DMCCC was contracted to author content for the Refuel Colorado website and continue to maintain/update the site. The content has been written but the site has yet to be constructed.</i></p>						
Total:	\$72,500	\$0	\$72,500	\$36,932	\$0	\$36,932