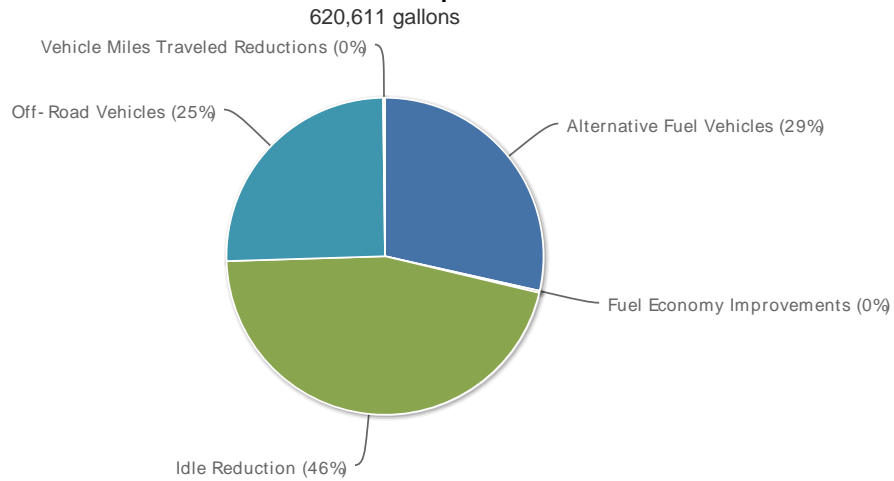
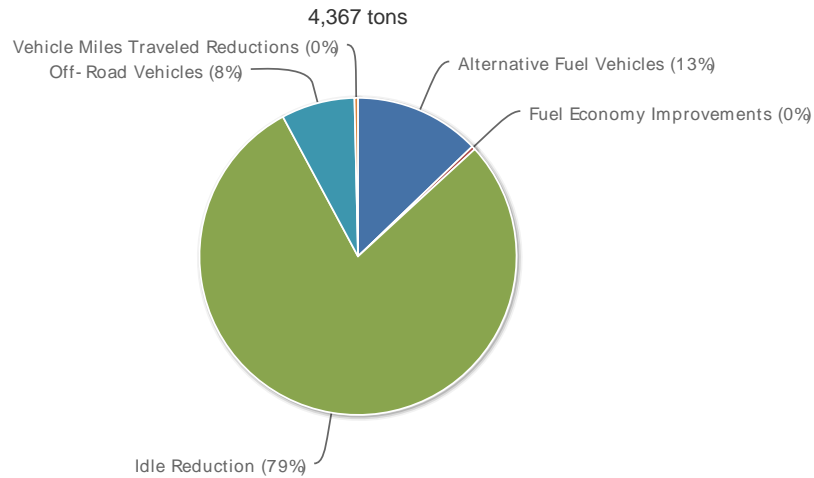


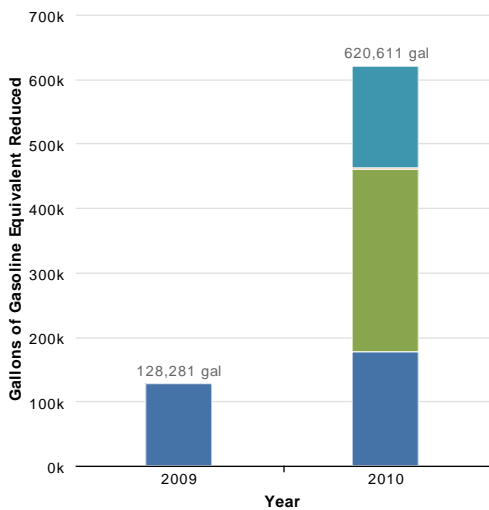
2010 Gallons of Gasoline Equivalent Reduced



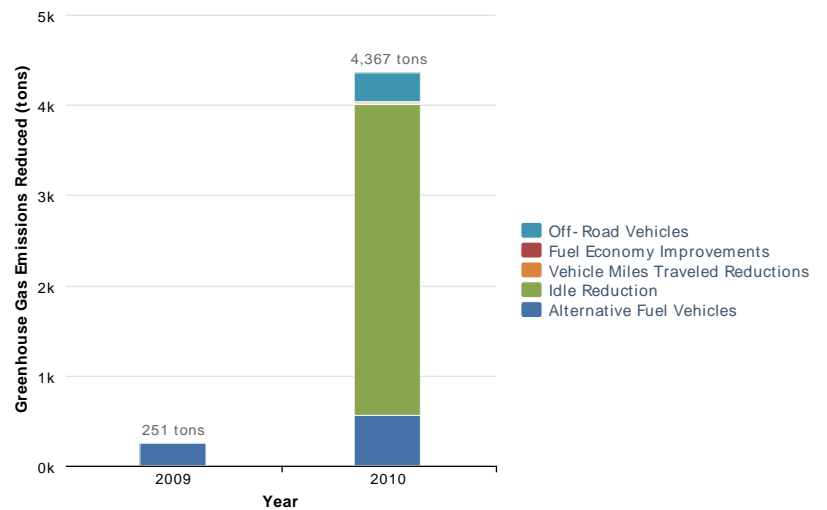
2010 Greenhouse Gas Emissions Reduced



Historical Gallons of Gasoline Equivalent Reduced



Historical Greenhouse Gas Emissions Reduced



COALITION

Rogue Valley Clean Cities - OR

<http://www.roguevalleycleancities.org>

Designated: 10/18/1994

Boundaries: Jackson County

COORDINATORS

	Address	Telephone	Fax
Sue Kupillas	1744 E. McAndrews, Suite H Medford, OR 97504	541-245-0770	541-245-0880
Number of coordinators			-
Coordinator(s) hours per week on Clean Cities			15 hours
Other staff hours per week on Clean Cities			-
How long have you been the coordinator?			3 years

OPERATING INFORMATION

Stakeholders

Number of stakeholders	120
Number of private stakeholders	80
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes
Explain State Energy Office's support	
Rick Wallace has attended a meeting and explained State Energy Tax Credits.	
How would you rate the quality of the data on your survey?	Good
How do you obtain most of your data for the survey?	Coalition records, Estimates, Survey stakeholders by phone
Has your coalition registered with www.grants.gov ?	Yes

2010 Outside Funding

Stakeholder dues collected	\$0
How much funding is obtained from other sources to cover coalition operating expenses?	\$100
Non-DOE or ARRA grant and matching funds spent in 2010	\$0
Total non-DOE or ARRA funding in 2010	\$100

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Odyssey Day	10/15/2010	Media Event	100%	60,000
Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: General Fleets, Government, Public, Transit, Utility <i>Media coverage included newspaper, two radio talk shows; 3 television stations. We also had an electronic readerboard at the event but showing the event a week in advance. The outdoor event was held in the parking lot of Lava Lanes, a bowling alley with great visibility. A steady stream of people came through to hear about the electric, propane, CNG vehicles and to try them out.</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Stakeholders Meeting featuring PPL Technology: Hybrid electric vehicles Audience: Public, Transit, Utility, Waste <i>Pacific Power talked about the availability of power supply if a certain percentage of the population buys electric plug in vehicles. The discussion was also about the possibility of extending the public electric plug in stations to Southern Oregon and where the stations might be located. City representatives as well as State and private were available at the meeting and in a conference call.</i>	06/10/2010	Meeting - Other	100%	25
Propane demonstration Technology: Alternative fuel vehicles Audience: General Fleets, Government, Public, Transit, Utility, Waste <i>Blue Star Propane President gave a power point presentation on their propane company, current facilities and proposal for fueling cars in the near future. November 2010 is their target date for opening the first card lock fueling station. There is interest by several fleets to convert to propane because of the recent advancements in the technology.</i>	08/12/2010	Meeting - Other	100%	25
Hellgate Excursions Technology: Alternative fuel vehicles Audience: General Fleets, Government, Public, Transit, Utility, Waste <i>Travis Hamlyn gave a power point presentation on his innovative work to convert his gas jet boat engines to propane. He has invested in engine design and successful trials. The technology is not available in the United States for Marine applications, boats, so Travis and Hellgate are developing it. He is working with the Coast Guard and is talking to cruise lines about thier interest in propane engines. The coalition will help him with contacts.</i>	04/08/2010	Meeting - Other	100%	25
Building Green Garages Technology: Alternative fuel vehicles, Fuel economy improvements, Hybrid electric vehicles Audience: General Fleets, Government, Public, Utility, Other <i>Building Green Garages, Plumbing your garage for electric or natural gas vehicles. Sponsored by Rogue Valley Clean Cities March 10, 2010, RVTD Translink Building, Medford, Oregon</i> <i>Featuring:</i> <i>Brian Verpauskus, Nissan North America (See the presentation in PDF)</i> <i>Smokey Stover, CLN NGV Tech (See the presentation in PDF) (See Fuel Maker Pricing and Installation Guides in PDF)</i> <i>Rick Wallace, Oregon Department of Energy (See the presentation in PDF)</i> <i>Dennis Clements, Oregon Building Division (See the presenation in PDF) (Read OAR 918.333 in PDF and the ESVE Rate/Kilowatt in PDF)</i>	03/10/2010	Meeting - Stakeholder	100%	200
Zero Race Technology: Alternative fuel vehicles, Fuel economy improvements Audience: General Fleets, Government, Public <i>Hosted round the world Zero Race carbon nuetral electric vehicle race. News coverage noted on our website(see www.roguevalleycleancities.org). Included wide area coverage from TV, Radio and Newspapers.</i>	11/14/2010	Media Event	75%	50,000
Total:				110,275

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	-	-
E85 - 85% Ethanol	-	-
Electricity	-	2

Fuel	Public Stations	Private Stations
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
LPG - Liquefied Petroleum Gas	-	1
Total:	0	3

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Fuel Provider Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Blue Star Gas <i>Miles traveled per vehicle: 17,500 mi Average vehicle fuel economy: - MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100%</i>	Light-Duty	LPG	4	100% of time	3,867 gal	8.1 tons
Blue Star Gas <i>Miles traveled per vehicle: 10,000 mi Average vehicle fuel economy: - MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100%</i>	Light-Duty	LPG	1	100% of time	442 gal	0.9 tons
Brammo inc <i>Miles traveled per vehicle: 12,500 mi Average vehicle fuel economy: - MPGge Market: General/Unknown Vehicle type: Motorcycle Percentage from coalition: 100%</i> <i>Brammo manufactures 100% electric motorcycles. This vehicle is used to commute daily year round and as a test bed for the development of the product. It sees a significant amount of miles driven each week.</i>	Light-Duty	Electricity	1	100% of time	111 gal	0.4 tons
City of Central Point <i>Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: - MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100%</i> <i>One NEV is used by Police Volunteers for neighborhood patrol/vacation checks. the second is used by the Parks dept as a service vehicle.</i>	Light-Duty	NEV	2	100% of time	558 gal	1.8 tons
City of Eagle Point <i>Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: - MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100%</i>	Light-Duty	CNG	1	100% of time	605 gal	1.1 tons
City of Medford <i>Miles traveled per vehicle: 12,362 mi Average vehicle fuel economy: - MPGde Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 75%</i> <i>CMAQ grant for purchase of vehicle</i>	Heavy-Duty	CNG	1	100% of time	1,332 gal	2.5 tons
City of Medford <i>Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: - MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 40%</i> <i>We are working with the City council now, this vehicle was purchased while coalition was dormant but influenced by earlier work of the coalition</i>	Light-Duty	E85	4	50% of time	391 gal	1.0 tons

Fleet/Fuel Provider Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Medford	Light-Duty	E85	1	50% of time	77 gal	0.2 tons
<p>Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: - MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 40%</p> <p><i>Purchased while coalition was dormant, but influenced by earlier coalition</i></p>						
City of Phoenix, OR	Light-Duty	CNG	1	100% of time	605 gal	1.1 tons
<p>Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: - MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100%</p>						
Jackson County	Heavy-Duty	Biodiesel (99%)	1	100% of time	1,319 gal	12.1 tons
<p>Miles traveled per vehicle: 12,362 mi Average vehicle fuel economy: - MPG Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 75%</p>						
Jackson County Airport Authority	Light-Duty	NEV	1	100% of time	139 gal	0.5 tons
<p>Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: - MPGge Market: Airport Vehicle type: Unknown/Other Percentage from coalition: 50%</p> <p><i>Used for transporting passengers (ADA) from parking to terminal and back when requested. Also used for general runabout for airport operation. Discussion with airport director revealed that the airport is very interested in plug in electric vehicles to use for the entire facility. RVCCC will be working with the Director, Bern Case on the feasibility of grant opportunities to purchase full electric vehicles for the airport.</i></p>						
Jackson County Motor Pool	Light-Duty	CNG	2	1,610 GGE	1,530 gal	2.9 tons
<p>Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100%</p>						
Jackson County Motor Pool	Light-Duty	CNG	8	50% of time	2,086 gal	3.9 tons
<p>Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: - MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100%</p>						
Privately owned LPG conversions	Light-Duty	LPG	4	100% of time	1,210 gal	2.5 tons
<p>Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: - MPGge Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 50%</p>						
Rising Phoenix Biofuels	Heavy-Duty	Biodiesel (99%)	1	100% of time	98 gal	0.9 tons
<p>Miles traveled per vehicle: 500 mi Average vehicle fuel economy: - MPG Market: Utility Vehicle type: Unknown/Other Percentage from coalition: 100%</p>						

Fleet/Fuel Provider Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Rising Phoenix Biofuels	Light-Duty	Biodiesel (99%)	1	100% of time	2,723 gal	26.4 tons
<p>Miles traveled per vehicle: 45,000 mi Average vehicle fuel economy: - MPG Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100%</p>						
Rising Phoenix Biofuels	Light-Duty	Biodiesel (99%)	0	16,606 gal	20,024 gal	194.0 tons
<p>Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100%</p> <p><i>Rising Phoenix sold 16,606 gallons of B 99.9 during 2010. Thi89s was used in light duty/heavy duty and off road applications in Jackson County.</i></p>						
Rising Phoenix Biofuels	Light-Duty	Biodiesel (99%)	2	100% of time	4,653 gal	45.1 tons
<p>Miles traveled per vehicle: 48,000 mi Average vehicle fuel economy: - MPG Market: General/Unknown Vehicle type: Car Percentage from coalition: 100%</p>						
Rogue Valley Transit District	Heavy-Duty	CNG	15	142,227 GGE	135,124 gal	254.2 tons
<p>Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100%</p> <p><i>RVTD also sold 993 gge's of CNG to members of the public during 2010 for a variety of vehicles.</i></p>						
Total:			51		176,895 gal	560 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Barefoot Motors	Farm equipment		Electricity	1	77 gal	0.1 tons
<p>Fuel used: 1,000 kWh Percentage from coalition: 100%</p> <p><i>Unfortunately Barefoot Motors succumbed to the poor economy and closed in October 2010</i></p>						
Blue Star Gas	Farm equipment		LPG	0	156,880 gal	327.5 tons
<p>Fuel used: 212,000 gal Percentage from coalition: 100%</p> <p><i>Propane sold for agricultural and wood products handling equipment by Blue Star Gas. Number of vehicles is not know by the provider of this information.</i></p>						
Total:				1	156,957 gal	328 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
City of Central Point	8 MPG Gasoline	36 MPG Gasoline	1	12,000 mi	1,267 gal	15.6 tons
Method: Vehicle - Hybrid Vehicle class: Light-Duty Market: Vehicle type: Percentage from coalition: 100%						
Total:			1	12,000 mi	1,267 gal	16 tons

Vehicle Miles Traveled Reductions

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Advanced Business Teleservices, Inc	Mass transit	Light-Duty	1,250 gal	15.4 tons
Fuel: Gasoline Fuel economy: 25 MPG Number of vehicles: 5 VMT reduction per vehicle: 6,250 mi Percentage from coalition: 100%				
Total:			1,250 gal	15 tons

IDLE REDUCTION

Truck Stop Electrification

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
Molie's Truck Stop	24	2,400 hrs/year	31,866 gal	340.6 tons
Percentage from coalition: 50%				
Total:		24	31,866 gal	341 tons

Onboard Idle Reduction

Fleet Name	Number of Vehicles	Equipment Usage per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Gordon trucking	149	1,830 hrs/year	1 gal/hr	247,395 gal	3,047.3 tons
Equipment: Auxiliary power unit (APU) Percentage from coalition: 100%					
R.B. Browns Trucking Co	2	1,830 hrs/year	1 gal/hr	3,321 gal	40.9 tons
Equipment: Auxiliary power unit (APU) Percentage from coalition: 100%					
Valley Freightliner	1	1,830 hrs/year	1 gal/hr	1,660 gal	20.5 tons
Equipment: Auxiliary power unit (APU) Percentage from coalition: 100%					
Total:		152		252,376 gal	3,109 tons