

2015 Transportation Technology Deployment Report:

Treasure Valley Clean Cities

Expanded Edition

March 2016



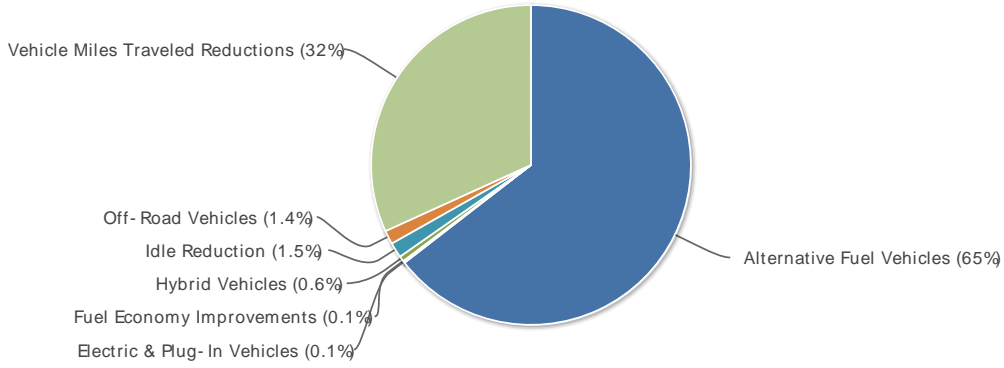
U.S. Department of Energy

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.

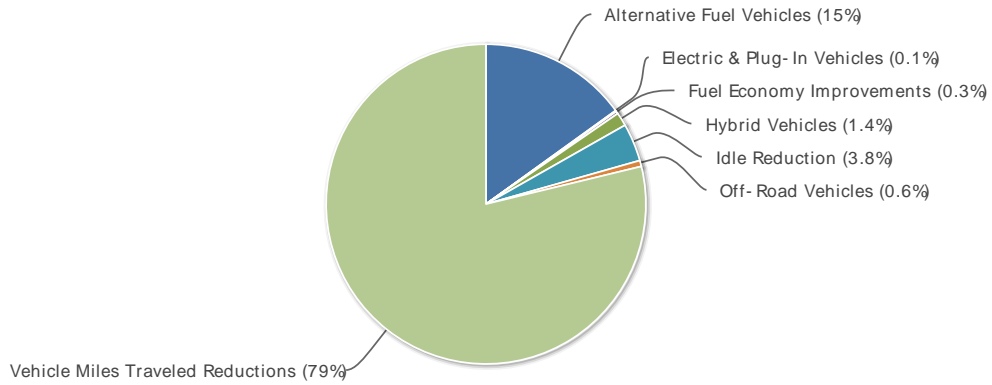
Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory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

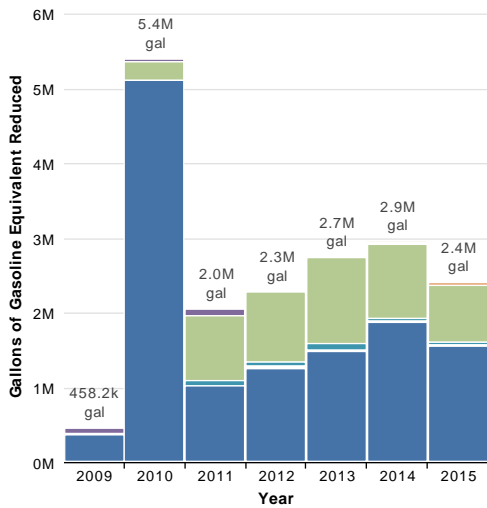
2015 Gallons of Gasoline Equivalent Reduced
2,398,818 gallons



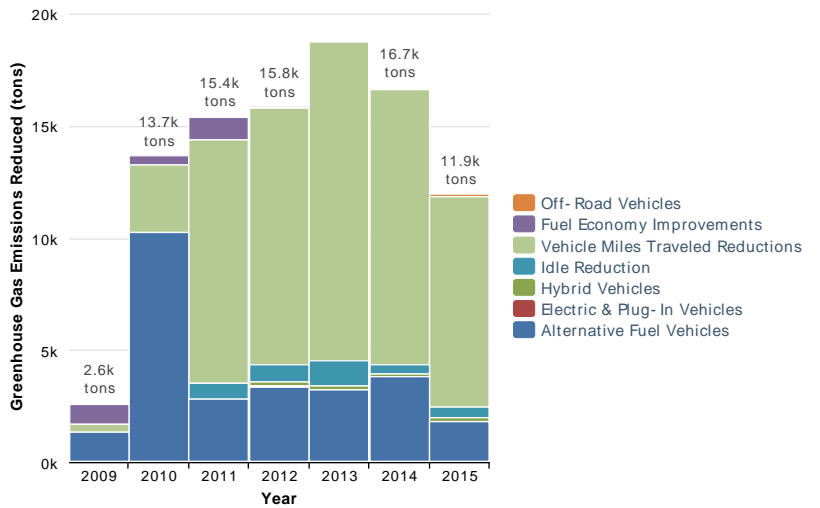
2015 Greenhouse Gas Emissions Reduced
11,922 tons



Historical Gallons of Gasoline Equivalent Reduced



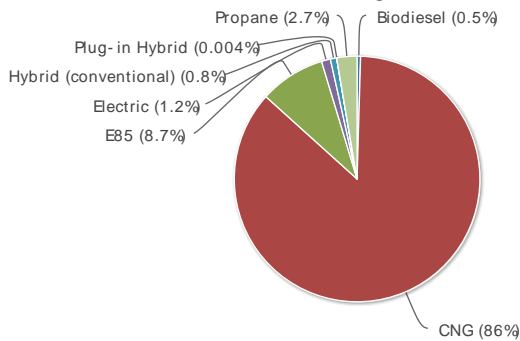
Historical Greenhouse Gas Emissions Reduced



- Off-Road Vehicles
- Fuel Economy Improvements
- Vehicle Miles Traveled Reductions
- Idle Reduction
- Hybrid Vehicles
- Electric & Plug-In Vehicles
- Alternative Fuel Vehicles

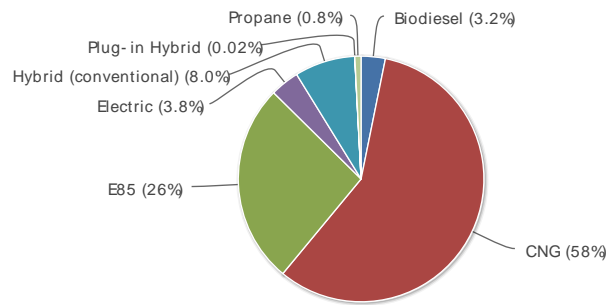
2015 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

1,596,950 gallons



2015 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

2,042 tons



COALITION

Treasure Valley Clean Cities - ID

<http://www.tvcleancities.org>

Designated: 08/22/2006

Boundaries: Counties: Ada, Canyon; City of Boise

COORDINATORS

	Address	Telephone	Fax
Beth Baird	P.O. Box 500 Boise, ID 83701		

Number of coordinators	1
Coordinator(s) hours per week on Clean Cities	6 hours
Other staff hours per week on Clean Cities	1 hours
How long have you been the coordinator?	9 years

OPERATING INFORMATION

Host organization	Nonprofit - Standalone
-------------------	------------------------

Stakeholders

Number of stakeholders	30
Number of private stakeholders	15
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?	Good
How do you obtain most of your data for the survey?	Estimates, Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov ?	Yes

2015 Outside Funding

Stakeholder dues collected	\$0
----------------------------	-----

How much funding is obtained from other sources to cover coalition operating expenses?	\$0
Non-DOE or ARRA grant and matching funds spent in 2015	\$0
Total non-DOE or ARRA funding in 2015	\$0

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Ada County Fleet-cars Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	E85	6	0 gal	0 gal	0.0 tons
Ada County Fleet - Pickups Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	E85	11	0 gal	0 gal	0.0 tons
Ada County Patrol Cars Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	E85	100	0 gal	0 gal	0.0 tons
BLM/National Interagency Fire Center Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No	Light-Duty	Biodiesel (20%)	10	76 gal	10 gal	0.1 tons
BLM/National Interagency Fire Center Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No	Light-Duty	E85	24	0 gal	0 gal	0.0 tons
Boise State University-fleet pickups/SUVs/vans Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No	Light-Duty	E85	18	0 gal	0 gal	0.0 tons
Canyon County Fleet-cars Miles traveled per vehicle: 30,000 mi Average vehicle fuel economy: 25 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	E85	17	100% of time	12,178 gal	47.5 tons
Canyon County Fleet-transport Miles traveled per vehicle: 30,000 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	E85	21	100% of time	25,073 gal	97.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Canyon County Patrol Cars	Light-Duty	E85	54	100% of time	64,473 gal	251.5 tons
Miles traveled per vehicle: 30,000 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Canyon County- small trucks	Light-Duty	E85	2	100% of time	22 gal	0.1 tons
Miles traveled per vehicle: 639 mi Average vehicle fuel economy: 34 MPG Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boise-fleet cars	Light-Duty	E85	6	0 gal	0 gal	0.0 tons
Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boise-fleet pickups/ SUVs/vans	Light-Duty	E85	99	1,586 gal	917 gal	3.6 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boise-HHW truck	Heavy-Duty	CNG	1	931 GGE	838 gal	0.7 tons
Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boise-patrol cars	Light-Duty	E85	46	37 gal	21 gal	0.1 tons
Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boise- UM truck	Light-Duty	CNG	1	71 GGE	67 gal	0.1 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Caldwell	Light-Duty	CNG	1	70 GGE	67 gal	0.1 tons
Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
CommuterRide vanpool	Light-Duty	E85	107	0 gal	0 gal	0.0 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Fuel Flex International	Light-Duty	E85	2	2,500 gal	1,445 gal	5.6 tons
Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of		GGE Reduced	GHG Reduced
			Vehicles	Fuel Used		
Glenns Ferry School District	Heavy-Duty	CNG	4	1,196 GGE	1,076 gal	0.9 tons
Market: General/Unknown Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
GSA Fleet	Light-Duty	E85	116	0 gal	0 gal	0.0 tons
Market: General/Unknown Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No <i>amount of E85 used in these vehicles is unknown but is likely accounted for in the Sticker Store E85 sales.. A total of 231 GSA Flex fuel vehicles - divided this number between cars and SUV/vans/etc as types are unknown..</i>						
GSA Fleet	Light-Duty	E85	116	0 gal	0 gal	0.0 tons
Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No <i>Unknown gals of E85 used by these vehicles, but is likely accounted for in Sticker Store E85 sales. Total of 231 flex fueled GSA vehicles. This number is divided between cars and SUVs/vans/etc as the types of vehicles are not known. An estimate of GSA owned BLM/NIFC vehicles has been subtracted from GSA total provided..</i>						
Idaho Dept of Environmental Quality	Light-Duty	E85	1	65% of time	29 gal	0.1 tons
Miles traveled per vehicle: 2,100 mi Average vehicle fuel economy: 18 MPG Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No						
Idaho Power-fleet cars	Light-Duty	E85	25	160 gal	60 gal	0.2 tons
Market: Utility Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No						
Idaho Power-fleet pickups/ SUVs/vans	Light-Duty	E85	137	1,601 gal	601 gal	2.3 tons
Market: Utility Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No						
Idaho Power-Heavy Duty	Heavy-Duty	E85	28	389 gal	122 gal	0.3 tons
Market: Utility Vehicle type: Truck: No Trailer Percentage from coalition: 65% National Clean Fleets Partnership: No						
Matheson	Heavy-Duty	CNG	16	0 GGE	0 gal	0.0 tons
Market: USPS Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>amount of fuel used and miles traveled is unknown. gallons of CNG used is included in Republic service HD CNG sales</i>						
Recab	Light-Duty	Biodiesel (100%)	3	3,780 gal	4,835 gal	44.2 tons
Market: Taxis Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Republic Services-pickups	Light-Duty	CNG	2	2,106 GGE	2,001 gal	2.6 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Republic Services-public stations	Heavy-Duty	CNG	30	46,565 GGE	41,909 gal	35.3 tons
Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Estimated number of HD vehicles. Total CNG sold at Republic stations minus the amount reported as used by others who purchased from Republic divided by 2. 1/2 the gals went to LD; 1/2 to HD.</i>						
Republic Services-public stations	Light-Duty	CNG	20	46,565 GGE	44,237 gal	57.3 tons
Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Estimated number of vehicles in this LD category. Total CNG sold by Republic stations minus the amount reported by others who purchased CNG from Republic stations) divided by 2. 1/2 the gals went to LD and 1/2 to HD.</i>						
Republic Services- trash & recycling trucks	Heavy-Duty	CNG	88	956,104 GGE	860,494 gal	724.5 tons
Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Republic Services-trucks	Heavy-Duty	Biodiesel (20%)	3	11,028 gal	2,351 gal	20.6 tons
Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Schwan's Home Service	Heavy-Duty	Propane	8	37,198 gal	25,343 gal	9.9 tons
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Stinker Stores - sales to cars	Light-Duty	E85	32	28,733 gal	16,608 gal	64.8 tons
Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Total gallons of E85 sold at Stinker Stores in the TVCCC area was obtained and gallons purchased by organizations in this survey subtracted. (not yet subtracted for 2015) The total amount of remaining gallons sold was divided evenly between cars and pickup/SUVs and listed as "actual" gallons on this form. The number of vehicles were estimated using calculator at 100 % E-85 use.</i>						
Stinker Stores-sales to pickups/SUVs/vans	Light-Duty	E85	22	28,733 gal	16,608 gal	64.8 tons
Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Total gallons of E85 sold at Stinker Stores in the TVCCC area was obtained and gallons purchased by organizations in this survey subtracted (not yet subtracted for 2015) .The total amount of remaining gallons sold was divided evenly between cars and pickup/SUVs and listed as "actual" gallons on this form. The number of vehicles were estimated using the calculator using 100% E-85 use.</i>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Valley Regional Transit	Heavy-Duty	CNG	65	473,763 GGE	426,387 gal	359.0 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:			1,242		1,547,771 gal	1,794 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Ada County Fleet	Light-Duty	HEV	6	1,255 gal	15.5 tons
Average vehicle fuel economy: 34 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					
BLM/National Interagency Fire Center-cars	Light-Duty	HEV	1	3 gal	0.0 tons
Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 467 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No					
BLM/National Interagency Fire Center-pickups/ SUVs/vans	Light-Duty	HEV	4	8 gal	0.1 tons
Average vehicle fuel economy: 26 MPG Miles traveled per vehicle per year: 206 mi Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No					
Blue Lightening	Light-Duty	Electric	2	961 gal	5.0 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 7,500 mi Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No					
Boise State University-NEVs	Light-Duty	Electric	7	1,092 gal	5.7 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 1,500 mi Market: Government - State Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 65% National Clean Fleets Partnership: No					
Canyon County-motor pool	Light-Duty	HEV	2	621 gal	7.6 tons
Average vehicle fuel economy: 36 MPG Miles traveled per vehicle per year: 10,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No					
Canyon County-NEV	Light-Duty	Electric	1	100 gal	0.5 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 1,003 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Boise-cars Average vehicle fuel economy: 37 MPG Miles traveled per vehicle per year: 3,622 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	HEV	11	734 gal	9.0 tons
City of Boise-pickups/SUVs/vans Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 7,159 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	HEV	22	3,125 gal	38.5 tons
GSA Fleet-cars Average vehicle fuel economy: 39 MPG Miles traveled per vehicle per year: 7,000 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No <i>74 total GSA conventional hybrids. These were divided between cars and SUVs/vans/etc.</i>	Light-Duty	HEV	37	2,566 gal	31.6 tons
GSA Fleet-PHEV Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 2,580 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No	Light-Duty	PHEV	2	56 gal	0.3 tons
GSA Fleet-pickups/SUVs/vans Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 5,000 mi Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No <i>74 total GSA conventional hybrids. These were divided between cars and SUVs/vans/etc.</i>	Light-Duty	HEV	37	1,321 gal	16.3 tons
Idaho Power-cars Average electric fuel economy: - kWh/100mi Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 4,478 mi Market: Utility Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No	Light-Duty	HEV	3	179 gal	2.2 tons
Idaho Power-Plug-ins Average electric fuel economy: - kWh/100mi Average vehicle fuel economy: 104 MPG Miles traveled per vehicle per year: 3,144 mi Market: Utility Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No	Light-Duty	Electric	4	520 gal	2.7 tons
Idaho Power-Trucks Average electric fuel economy: - kWh/100mi Average vehicle fuel economy: 6 MPG Miles traveled per vehicle per year: 13,110 mi Market: Utility Vehicle type: Truck: No Trailer Percentage from coalition: 65% National Clean Fleets Partnership: No	Heavy-Duty	HEV	6	1,886 gal	23.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
ID Dept.of Environmental Quality-cars	Light-Duty	HEV	13	1,498 gal	18.5 tons
Average vehicle fuel economy: 41 MPG Miles traveled per vehicle per year: 8,418 mi Market: Government - State Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No					
Total:			158	15,926 gal	177 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
BLM/National Interagency Fire Center	Forklifts	Alternative fuel or vehicles	Electric	4	849 gal	3.4 tons
Fuel used: 20,000 kWh Percentage from coalition: 50% National Clean Fleets Partnership: No <i>estimated kwh</i>						
BLM/National INteragency Fire Center	Forklifts	Alternative fuel or vehicles	Propane	13	225 gal	0.1 tons
Fuel used: 660 gal Percentage from coalition: 50% National Clean Fleets Partnership: No <i>gals are estimated</i>						
Boise State University	Landscaping and lawn equipment	Alternative fuel or vehicles	Electric	5	662 gal	2.7 tons
Fuel used: 12,000 kWh Percentage from coalition: 65% National Clean Fleets Partnership: No <i>un-licenced NEVs for hauling equipment and material around campus- assume 12 kwh/charge 200 charges/vehicle/yr = 2400 kwh/vehicle</i>						
Canyon County	Other	Alternative fuel or vehicles	E85	1	29 gal	0.1 tons
Fuel used: 60 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Canyon County	Forklifts	Alternative fuel or vehicles	Propane	2	61 gal	0.0 tons
Fuel used: 90 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boise	Forklifts	Alternative fuel or vehicles	Electric	2	849 gal	3.4 tons
Fuel used: 10,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No <i>estimated kwhs</i>						
City of Boise	Forklifts	Alternative fuel or vehicles	Propane	5	273 gal	0.1 tons
Fuel used: 400 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>assume 40 gal/ forklift/yr</i>						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Boise-golf cart like vehicles	Recreational equipment	Alternative fuel or vehicles	Electric	74	12,565 gal	50.3 tons
Fuel used: 148,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No <i>estimate 10 kwh x 200 charges/yr =2000 khw/yr each</i>						
City of Boise-lawnmowers	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	15	4,398 gal	1.7 tons
Fuel used: 6,456 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boise-zambonis	Other	Alternative fuel or vehicles	Propane	2	2,487 gal	1.0 tons
Fuel used: 3,650 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Idaho Power	Construction equipment	Alternative fuel or vehicles	Electric	1	94 gal	0.4 tons
Fuel used: 1,700 kWh Percentage from coalition: 65% National Clean Fleets Partnership: No <i>estimate for kwh</i>						
Idaho Power	Forklifts	Alternative fuel or vehicles	Electric	3	828 gal	3.3 tons
Fuel used: 15,000 kWh Percentage from coalition: 65% National Clean Fleets Partnership: No <i>estimated kwh</i>						
Idaho Power-NEV	Other	Alternative fuel or vehicles	Electric	1	138 gal	0.6 tons
Fuel used: 2,500 kWh Percentage from coalition: 65% National Clean Fleets Partnership: No <i>estimate</i>						
Republic Services	Forklifts	Alternative fuel or vehicles	Propane	1	252 gal	0.1 tons
Fuel used: 370 gal Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
The Cutting Edge	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	5	9,543 gal	3.7 tons
Fuel used: 14,007 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:				134	33,253 gal	71 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Boise State University Method: Telematics Vehicle class: Light-Duty Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No <i>project started late 2015</i>	18 MPG	20 MPG	10	30 mi	1 gal	0.0 tons
Canyon County Fleet-other air inflation system Method: Tires - Auto air inflation systems Vehicle class: Light-Duty Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No	23 MPG	23 MPG	96	20,000 mi	1,855 gal	22.9 tons
Canyon County smaller vehicles Method: Vehicle - Smaller Vehicle class: Light-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No	12 MPG	32 MPG	3	800 mi	125 gal	1.5 tons
CommuteRide Vanpool Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Commuters Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>project started late in 2015</i>	13 MPG	17 MPG	11	2,230 mi	444 gal	5.5 tons
Total:			120	23,060 mi	2,425 gal	30 tons

Vehicle Miles Traveled Reductions

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Ada County-employee bus and vanpool use Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 30 VMT reduction per vehicle: 4,800 mi Percentage from coalition: 75% National Clean Fleets Partnership: No	Mass transit	Light-Duty	4,909 gal	60.5 tons
Ada County-employee carpooling Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 30 VMT reduction per vehicle: 4,800 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Carpooling	Light-Duty	6,545 gal	80.6 tons

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Ada County-employee walking & biking Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 30 VMT reduction per vehicle: 2,400 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Non-motorized locomotion (e.g., bicycles)	Light-Duty	3,273 gal	40.3 tons
Boise Green Bike Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 12,211 VMT reduction per vehicle: 2 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Non-motorized locomotion (e.g., bicycles)	Light-Duty	1,277 gal	15.7 tons
Boise State Campus Shuttle Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 35 VMT reduction per vehicle: 376 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Other	Heavy-Duty	598 gal	7.4 tons
Boise State University-carpooling Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 9 VMT reduction per vehicle: 3,960 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Carpooling	Light-Duty	1,620 gal	20.0 tons
Boise State University- mass transit Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 263 VMT reduction per vehicle: 4,160 mi Percentage from coalition: 50% National Clean Fleets Partnership: No	Mass transit	Light-Duty	24,865 gal	306.3 tons
City of Boise dept bicycles Fuel: Gasoline Fuel economy: 20 MPG Number of vehicles: 10 VMT reduction per vehicle: 270 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>10 mi/wk X 27 wk/yr estimate</i>	Non-motorized locomotion (e.g., bicycles)	Light-Duty	135 gal	1.7 tons
City of Boise-employee bus and vanpool use Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 15 VMT reduction per vehicle: 4,800 mi Percentage from coalition: 75% National Clean Fleets Partnership: No	Mass transit	Light-Duty	2,455 gal	30.2 tons
City of Boise-employee carpooling Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 6 VMT reduction per vehicle: 5,000 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Carpooling	Light-Duty	1,364 gal	16.8 tons

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
City of Boise-employee walking & biking Fuel: Gasoline Fuel economy: 22 MPG Number of vehicles: 21 VMT reduction per vehicle: 1,250 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Non-motorized locomotion (e.g., bicycles)	Light-Duty	1,193 gal	14.7 tons
Commuteride vanpool Fuel: Gasoline Fuel economy: 20 MPG Number of vehicles: 755 VMT reduction per vehicle: 18,821 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Other	Light-Duty	710,493 gal	8,751.7 tons
Idaho Power Fuel: Gasoline Fuel economy: 23 MPG Number of vehicles: 56 VMT reduction per vehicle: 2,431 mi Percentage from coalition: 65% National Clean Fleets Partnership: No <i>includes all forms of alternative transportation; no breakdown is available.</i>	Other	Light-Duty	3,915 gal	48.2 tons
Total:			762,642 gal	9,394 tons

IDLE REDUCTION

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Canyon County Type of project: Onboard batteries Type of vehicle: Other Percentage from coalition: 100% National Clean Fleets Partnership: No	54	50 mins/day 365 days/year	0 gal/hr	1,643 gal	20.4 tons
City of Boise-Be Idle-free Boise Community Campaign Type of project: Other Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No	150	2 mins/day 365 days/year	0 gal/hr	365 gal	4.5 tons
City of Boise-fleet policy Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No	1,534	1 mins/day 260 days/year	0 gal/hr	1,329 gal	16.5 tons
Idaho Dept.of Environmental Quality-Clean Air Zone Community Partners Type of project: Other Type of vehicle: Light-Duty Percentage from coalition: 65% National Clean Fleets Partnership: No <i>number of vehicles estimated</i>	25	4 mins/day 365 days/year	1 gal/hr	198 gal	2.5 tons

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Idaho Dept.of Environmental Quality-Clean Air Zone school buses Type of project: Other Type of vehicle: School Bus Percentage from coalition: 65% National Clean Fleets Partnership: No <i>Statewide, but vast majority in the Coalition area.</i>	483	20 mins/day 180 days/year	1 gal/hr	22,604 gal	280.3 tons
Idaho Power- APU Type of project: Auxiliary power unit (APU) Type of vehicle: Other Percentage from coalition: 65% National Clean Fleets Partnership: No	1	100 mins/day 300 days/year	1 gal/hr	325 gal	4.0 tons
Idaho Power-Auto shut off Type of project: Automatic engine shutoff Type of vehicle: Other Percentage from coalition: 65% National Clean Fleets Partnership: No	16	100 mins/day 300 days/year	1 gal/hr	5,200 gal	64.5 tons
Idaho Power- Direct heat Type of project: Direct heat with thermal storage cooling Type of vehicle: Light-Duty Percentage from coalition: 65% National Clean Fleets Partnership: No	4	140 mins/day 300 days/year	1 gal/hr	1,820 gal	22.6 tons
Idaho Power Onboard batteries Type of project: Onboard batteries Type of vehicle: Other Percentage from coalition: 65% National Clean Fleets Partnership: No	6	120 mins/day 300 days/year	1 gal/hr	2,925 gal	36.3 tons
Republic Services Type of project: Other Type of vehicle: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: Yes	100	10 mins/day 261 days/year	0 gal/hr	392 gal	4.9 tons
Total:	2,373			36,801 gal	456 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	-	-
E85 - 85% Ethanol	-	-
Electric Charging Outlets	2	7
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	-	-
Total:	2	7

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
AFV emissions webinar Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Government	01/28/2015	Media Event	10%	3
VMT reduction planning Technology: Vehicle miles traveled reduction Audience: <i>10 at meeting, but general public is the target when program is rolled out.</i>	02/11/2015	Meeting - Other	10%	10
May in Motion Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Delivery, Government, Private Fleets, Utility, Other <i>March 17 as the into day with booths. Coalition information was provided for packets supplied to participating organizations and businesses in May. .</i>	03/17/2015	Literature Distribution	25%	100
Stakeholders meeting - natural gas produciton and uses in Idaho Technology: Natural gas vehicles Audience: General Public, Government, Private Fleets, Transit, Utility, Waste	04/14/2015	Meeting - Stakeholder	100%	25
Green Fest booth Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public	04/18/2015	Literature Distribution	100%	200
Stakeholders Meeting- Evs and battery reseach with Jim Fracfort Technology: Electric vehicles Audience: Government, Private Fleets, Transit, Utility, Waste	04/28/2015	Meeting - Stakeholder	100%	20
City of Boise Fleet meeting Technology: Electric vehicles Audience: Government	05/26/2015	Meeting - Other	50%	5
Hewlett Packard-Earth Day/Family event Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public, Other	06/11/2015	Literature Distribution	25%	50
GEM car demonstrian Technology: Electric vehicles Audience: Government, Private Fleets	06/18/2015	Workshop held by coalition	100%	10
Idaho Asso. for Pupil Transportation Conference Technology: Propane Audience: Other	06/24/2015	Conference participation	100%	30
Greenspeed student solar go- kart race Technology: Electric vehicles Audience: Other <i>Actual activity type wasn't on the list, so I chosen one that might do. Generally it was an event supported by the Coalition; no booths; there was media but not directed at TVCCC.</i>	07/11/2015	Workshop held by coalition	20%	30
EV charging Information Brown Bag Technology: Electric vehicles Audience: Government	08/21/2015	Workshop held by coalition	100%	12
Drive Electric Week event Technology: Electric vehicles Audience: General Public	09/20/2015	Literature Distribution	20%	300

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Meeting with Matheson Technology: Natural gas vehicles Audience: Private Fleets	09/24/2015	Meeting - Other	50%	6
Total:				801