

2019 Transportation Technology Deployment Report:

Utah Clean Cities
Expanded Edition

March 2020



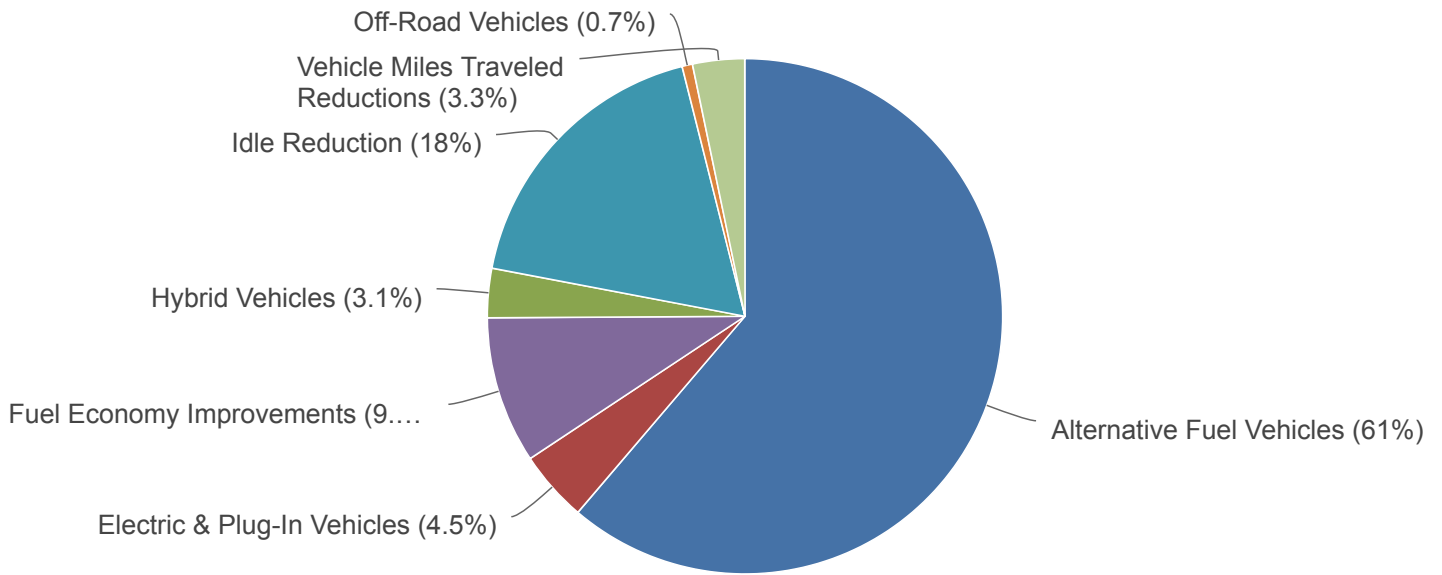
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and 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 .

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

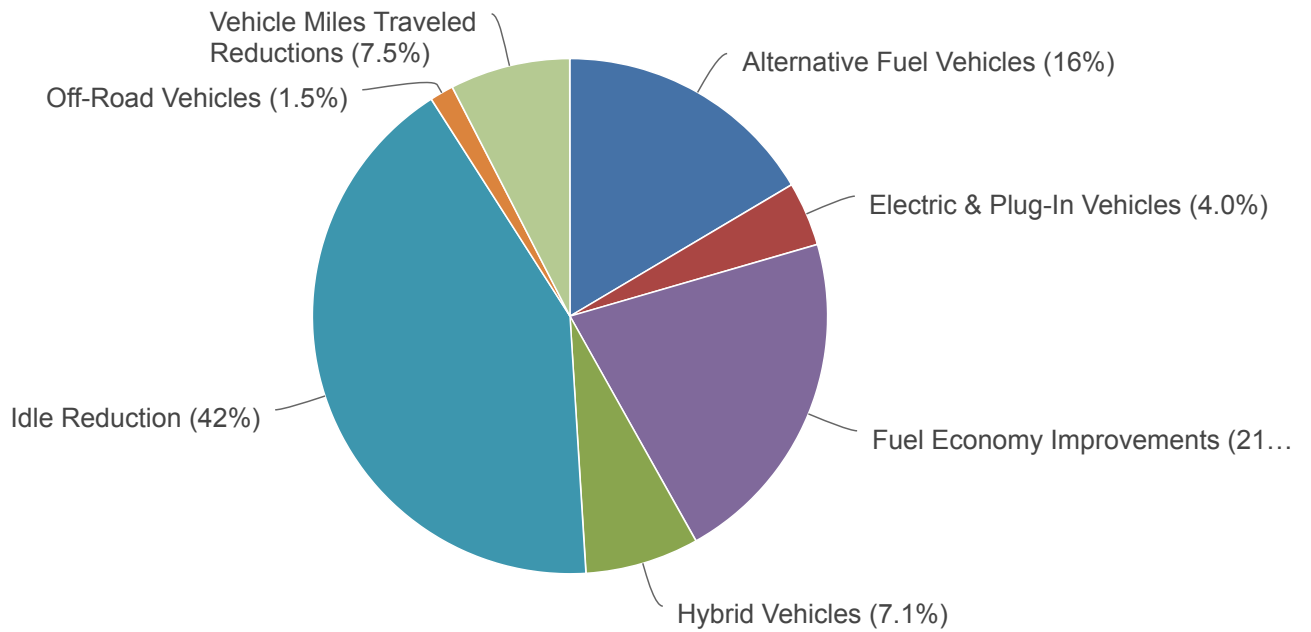
2019 Gallons of Gasoline Equivalent Reduced

11,938,169 gallons

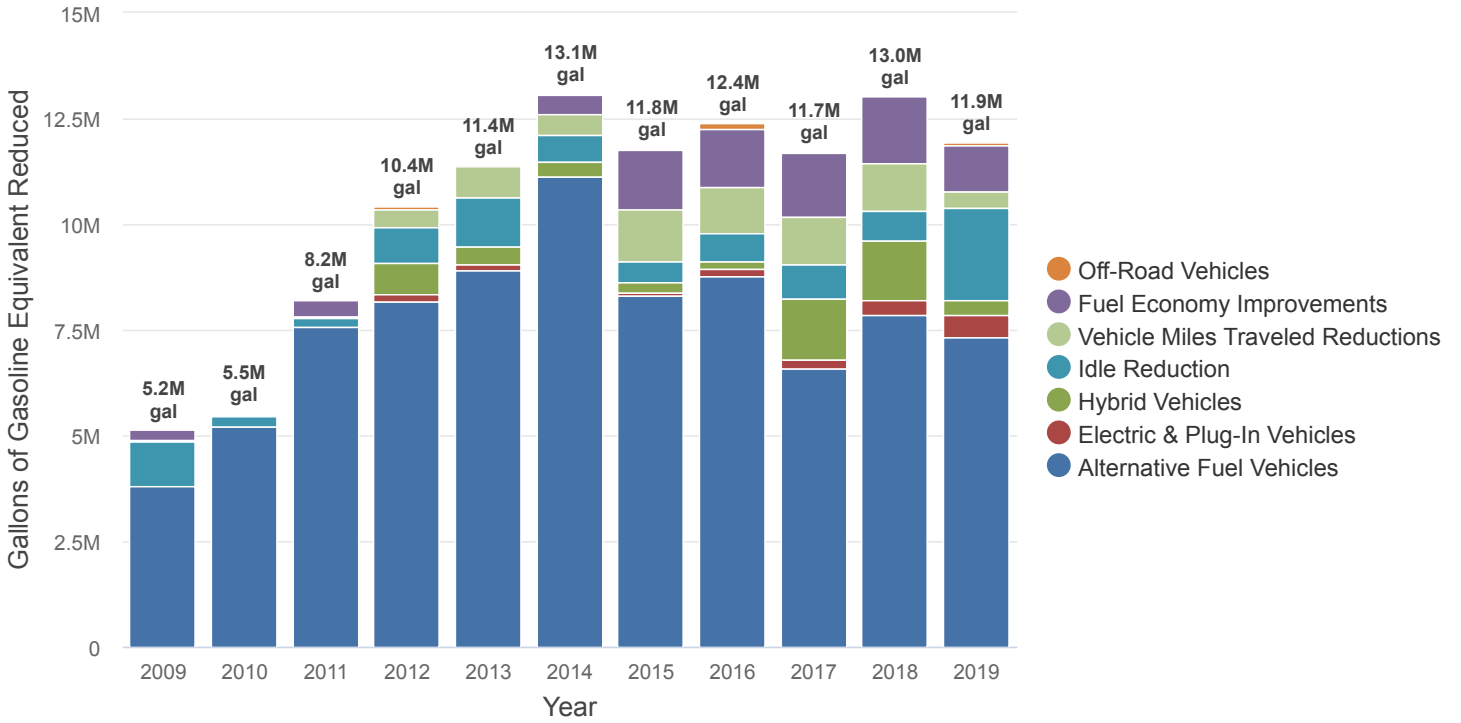


2019 Greenhouse Gas Emissions Reduced

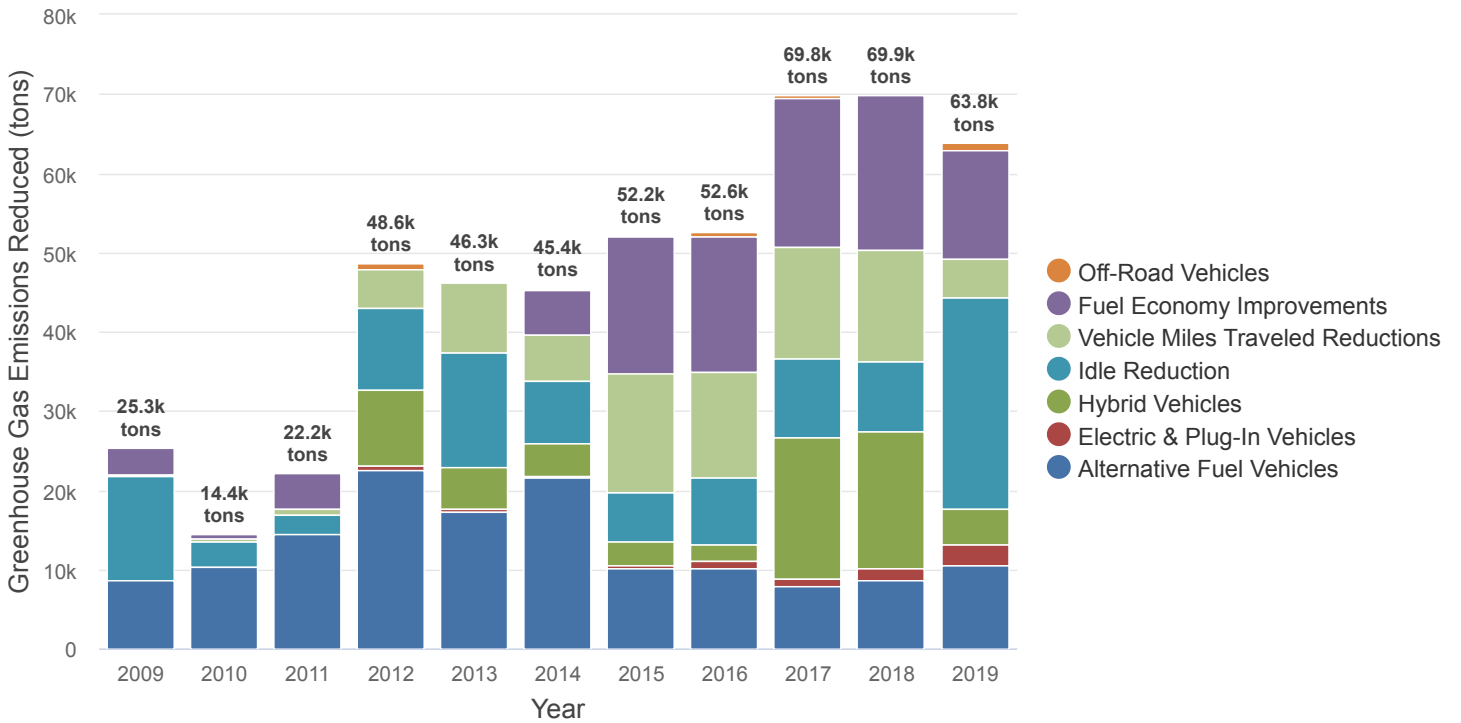
63,772 tons



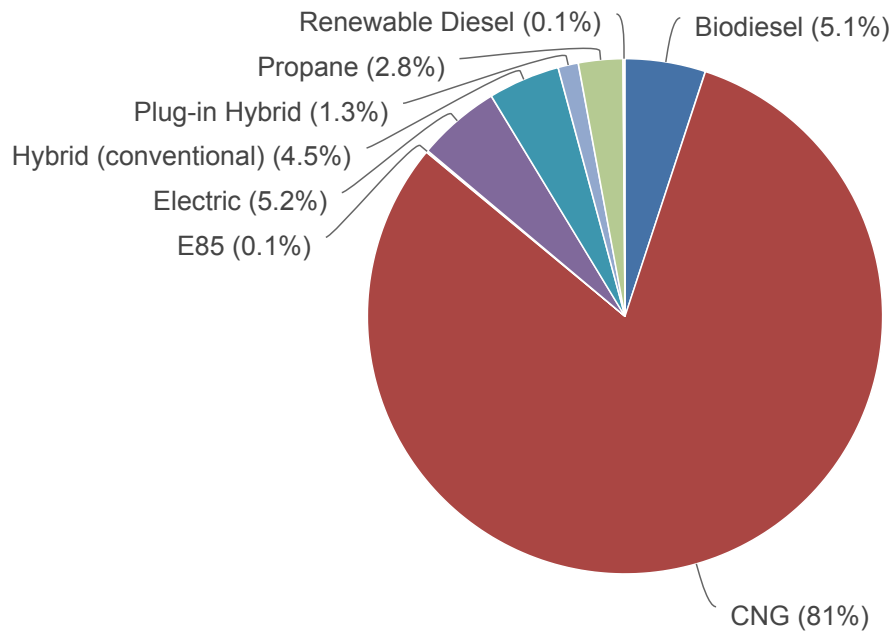
Historical Gallons of Gasoline Equivalent Reduced



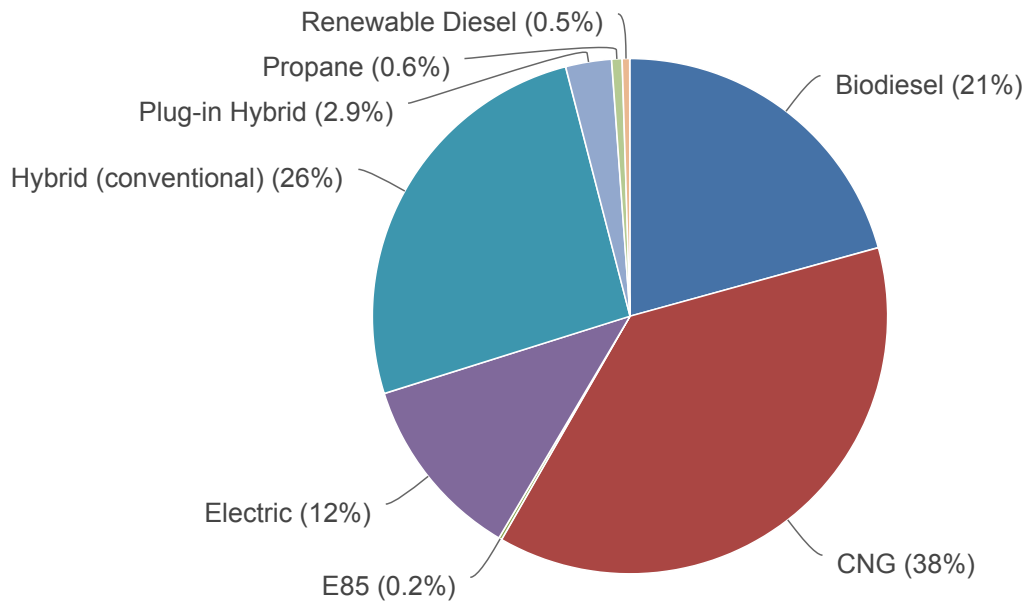
Historical Greenhouse Gas Emissions Reduced



2019 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects
8,214,956 gallons



2019 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects
17,640 tons



Criteria Pollutant Emissions Reduced

Criteria pollutants are chemicals that have been linked to human health effects and therefore regulated in the Clean Air Act of 1970. Criteria pollutants include nitrogen oxides (NOx) and volatile organic compounds (VOC), both precursors to ozone pollution or smog. They also include particulate matter (PM) grouped into 10 and 2.5 micron sizes. The Clean Cities annual report calculates them using the same assumptions and default values as AFLEET 2016, with some adjustments to fit specific data inputs. They are quantified at vehicle tailpipes, as those are the emissions contributing to the regulated "ambient" air quality of a given city. Upstream emissions from electric power plants, refineries, and biofuel feedstock farms are not included in this summary since those operations typically do not take place in or near population centers where the vehicles are operated and health effects can be documented. When a specific pollutant surpasses a given threshold for a given area, the area is considered to be in "nonattainment" for that pollutant. Nonattainment areas for given pollutants can be viewed at www.epa.gov/green-book. Carbon Monoxide benefits are not included since no Clean Cities coalitions are in nonattainment areas for CO. To learn more about what your emissions numbers mean, please take the Understanding Emissions or Emissions Compliance courses at [Clean Cities University](http://CleanCitiesUniversity.com).

Reductions by Technology*	NOx	VOC**	PM10	PM2.5
CNG - Compressed Natural Gas	167,582 lb	2,757 lb	3 lb	2 lb
E85 - 85% Ethanol	0 lb	27 lb	0 lb	0 lb
Electric (all-electric)	10,066 lb	9,134 lb	280 lb	259 lb
Hybrid (conventional)	164 lb	447 lb	0 lb	0 lb
Plug-in Hybrid	8,318 lb	4,489 lb	149 lb	138 lb
Propane	7,419 lb	-298 lb	30 lb	11 lb
VMT Reduction (Diesel)	9,768 lb	204 lb	283 lb	70 lb
VMT Reduction (Gasoline)	1,054 lb	1,684 lb	423 lb	93 lb
Total:	204,371 lb	18,444 lb	1,168 lb	572 lb

* This table accounts for criteria pollutants from alternative fuel vehicle, hybrid vehicle, and VMT reduction projects only. It does not include fuel economy, idle reduction, or off-road projects. Negative values indicate an increase in emissions.

** VOC is interchangeable with NMOG (non-methane organic gases) and NMHC (non-methane hydrocarbons) for all purposes relevant to the Clean Cities suite of technologies.

COALITION

Utah Clean Cities - UT
<http://www.utahcleancities.org>

Designated: 10/03/1994

Boundaries: Entire state of Utah except Tribal Lands

COORDINATORS

	Address	Telephone	Fax
Tammie Bostick	451 S State St, Ste 145 Salt Lake City, UT 84111	801-580-1922	

Number of coordinators	1
Coordinator(s) hours per week on Clean Cities	40 hours
Other staff hours per week on Clean Cities	40 hours
How long have you been the coordinator?	5 years

OPERATING INFORMATION

Coalition organizational structure Standalone nonprofit (self-managed)

Stakeholders

Number of stakeholders	350
Number of private stakeholders	200
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?	Coalition records, Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov?	Yes

2019 Outside Funding

Stakeholder dues collected	\$34,900
How much funding is obtained from other sources to cover coalition operating expenses?	-
Non-DOE or ARRA grant and matching funds spent in 2019	\$10,000
Total non-DOE or ARRA funding in 2019	\$44,900

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Ace Recycling and Disposal	Light-Duty	CNG	1	100% of time	689 gal	0.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 11,991 mi Average vehicle fuel economy: 17 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 verified numbers. Reporting numbers are still accurate since this fleet fuels at public refueling facilities and all CNG fuel providers have submitted fuel dispensed reports for 2019. ACE disposal owns their own private refueling stations. The GGE is not included in Dominion Energy numbers.</i>						
Ace Recycling and Disposal	Heavy-Duty	CNG	104	804,822 GGE	724,340 gal	609.9 tons
Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 verified numbers. Reporting numbers are still accurate since this fleet fuels at public refueling facilities and all CNG fuel providers have submitted fuel dispensed reports for 2019. ACE disposal owns their own private refueling stations. The GGE is not included in Dominion Energy numbers.</i>						
Blue Star Gas	Light-Duty	Propane	56	50% of time	3,033 gal	4.3 tons
Miles traveled per vehicle: 2,850 mi Average vehicle fuel economy: 17 MPGge Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Canyons School District	Heavy-Duty	CNG	10	100% of time	25,554 gal	21.5 tons
Miles traveled per vehicle: 10,000 mi Average vehicle fuel economy: 4 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 numbers remain the same</i>						
Division of Administrative Services - DAS	Heavy-Duty	CNG	33	100% of time	63,899 gal	53.8 tons
Miles traveled per vehicle: 7,000 mi Average vehicle fuel economy: 3 MPGde Market: Government - State Vehicle type: Bus: Transit Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Division of Administrative Services - DAS	Light-Duty	CNG	22	50% of time	4,813 gal	6.2 tons
Miles traveled per vehicle: 7,000 mi Average vehicle fuel economy: 12 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Division of Administrative Services - DAS	Light-Duty	CNG	7	100% of time	3,063 gal	4.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 7,000 mi Average vehicle fuel economy: 12 MPGge Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No 2019 Verified Numbers						
Division of Administrative Services - DAS	Light-Duty	E85	1,637	10% of time	3,850 gal	15.0 tons
Miles traveled per vehicle: 970 mi Average vehicle fuel economy: 16 MPG Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No 2019 Verified Numbers. GSA has several flex fuel vehicles, however due to the low availability of Ethanol, the vehicles often run on gas.						
Dominion Energy	Heavy-Duty	CNG	75	51,069 GGE	45,962 gal	38.7 tons
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Dominion Energy	Heavy-Duty	CNG	75	43,071 GGE	38,764 gal	32.6 tons
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Dominion Energy	Light-Duty	CNG	6	5,831 GGE	5,539 gal	7.2 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Dominion Energy	Light-Duty	CNG	3,500	50% of time	1,962,617 gal	2,542.6 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 11 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No GGE displaced 2,260.176 throughout the company owned public refueling stations						
Dominion Energy	Light-Duty	CNG	7	1,329 GGE	1,263 gal	1.6 tons
Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Dominion Energy Fleet	Light-Duty	CNG	190	100% of time	166,567 gal	215.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 15,254 mi Average vehicle fuel economy: 17 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Intermountain Healthcare	Light-Duty	CNG	30	11,201 GGE	7,981 gal	10.3 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No Verified numbers in 2017, these are bi-fuel in the Homecare department - fuel maker the CNG provider.						
Intermountain Healthcare	Light-Duty	CNG	27	10,540 GGE	7,510 gal	9.7 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No 2017 verified, these are bi-fuel in the Homecare department - fuel maker the CNG provider.						
Intermountain Healthcare	Light-Duty	CNG	5	8,529 GGE	6,077 gal	7.9 tons
Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Verified numbers in 2017. These are dedicated Civics used for Courier traveling 360 days, 300 miles a day- fuel maker the provider						
Iron County School District	Light-Duty	Propane	11	100% of time	17,868 gal	25.3 tons
Miles traveled per vehicle: 14,749 mi Average vehicle fuel economy: 5 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No 2018 Verified Numbers						
Jordan School District	Light-Duty	CNG	2	100% of time	121 gal	0.2 tons
Miles traveled per vehicle: 1,810 mi Average vehicle fuel economy: 30 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Jordan School District	Light-Duty	CNG	1	100% of time	63 gal	0.1 tons
Miles traveled per vehicle: 388 mi Average vehicle fuel economy: 6 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers. Jordan School District has its own CNG station. Dominion Energy reported only their CNG stations.						
Jordan School District	Heavy-Duty	CNG	115	100% of time	71,962 gal	60.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 9,841 mi Average vehicle fuel economy: 17 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Lancer Energy (formerly D and S NGV Services)	Light-Duty	CNG	1	100% of time	667 gal	0.9 tons
Miles traveled per vehicle: 10,000 mi Average vehicle fuel economy: 15 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Lancer Energy (formerly D and S NGV Services)	Light-Duty	CNG	3	50% of time	1,000 gal	1.3 tons
Miles traveled per vehicle: 10,000 mi Average vehicle fuel economy: 15 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Momentum Recycling	Heavy-Duty	CNG	5	35,488 GGE	23,954 gal	20.2 tons
Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Park City Municipal	Heavy-Duty	Biodiesel (95%)	34	95% of time	384,925 gal	3,370.8 tons
Miles traveled per vehicle: 34,012 mi Average vehicle fuel economy: 3 MPG Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 reported data from Park City</i>						
Park City School District	Heavy-Duty	Propane	2	100% of time	7,084 gal	2.8 tons
Miles traveled per vehicle: 17,500 mi Average vehicle fuel economy: 4 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Rio Tinto	Light-Duty	CNG	51	17,132 GGE	12,206 gal	15.8 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Rio Tinto	Light-Duty	CNG	4	420 GGE	299 gal	0.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake City	Heavy-Duty	CNG	66	222,471 GGE	200,224 gal	168.6 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake City	Heavy-Duty	CNG	31	100% of time	254,967 gal	214.7 tons
Miles traveled per vehicle: 22,300 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 numbers verified</i>						
Salt Lake City	Light-Duty	Biodiesel (5%)	595	409,814 gal	26,212 gal	239.9 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 verified. All biodiesel vehicles in this fleet alternative B5 (6 mos of the year) B20 (6 mos of the year). They reported total GGE dispensed for both blends. Reporting their light duty numbers with B5 and their heavy duty numbers with B20.</i>						
Salt Lake City International Airport	Heavy-Duty	Biodiesel (20%)	44	1,490 gal	318 gal	2.8 tons
Market: Airport Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake City International Airport	Heavy-Duty	Biodiesel (20%)	69	1,841 gal	393 gal	3.4 tons
Market: Airport Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake City International Airport	Heavy-Duty	CNG	43	427,507 GGE	384,756 gal	324.0 tons
Market: Airport Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake City International Airport	Heavy-Duty	CNG	9	13,336 GGE	12,002 gal	10.1 tons
Market: Airport Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2018 Verified Numbers</i>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Salt Lake City International Airport	Light-Duty	Biodiesel (20%)	14	328 gal	84 gal	0.8 tons
Market: Airport Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake Community College	Heavy-Duty	CNG	5	100% of time	7,266 gal	6.1 tons
Miles traveled per vehicle: 12,958 mi Average vehicle fuel economy: 7 MPGde Market: Government - State Vehicle type: Truck: No Trailer Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake Community College	Heavy-Duty	Renewable Diesel	6	100% of time	9,895 gal	86.7 tons
Miles traveled per vehicle: 13,116 mi Average vehicle fuel economy: 7 MPG Market: Government - State Vehicle type: Bus: Shuttle Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake Community College	Light-Duty	Biodiesel (20%)	12	100% of time	3,958 gal	36.2 tons
Miles traveled per vehicle: 13,116 mi Average vehicle fuel economy: 7 MPG Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake Community College	Light-Duty	CNG	21	100% of time	10,743 gal	13.9 tons
Miles traveled per vehicle: 11,712 mi Average vehicle fuel economy: 17 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Salt Lake County Fleet	Heavy-Duty	CNG	51	100% of time	733,589 gal	617.7 tons
Miles traveled per vehicle: 26,000 mi Average vehicle fuel economy: 2 MPGde Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers. They own their own CNG station.</i>						
Schwan's - Propane	Heavy-Duty	Propane	19	75,084 gal	51,155 gal	20.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes <i>Includes 2 Light HD Class 3 vehicles.</i>						
Semi-Service	Light-Duty	CNG	164	90,490 GGE	85,966 gal	111.4 tons
Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>90,490 GGE dispensed. This fuel usage is attributed to the general public of which there are over 15000 registered CNG vehicle (the total numbers). Dominion energy only reported their own CNG stations.</i>						
Sysco	Heavy-Duty	CNG	5	7,024 GGE	6,322 gal	5.3 tons
Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Numbers Verified</i>						
Unitah School District	Heavy-Duty	CNG	17	100% of time	23,283 gal	19.6 tons
Miles traveled per vehicle: 17,329 mi Average vehicle fuel economy: 7 MPGde Market: Government - State Vehicle type: Bus: School Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
University of Utah	Heavy-Duty	CNG	16	100% of time	38,606 gal	32.5 tons
Miles traveled per vehicle: 22,679 mi Average vehicle fuel economy: 8 MPGde Market: Government - State Vehicle type: Bus: Shuttle Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers.</i>						
University of Utah	Light-Duty	E85 (blender pump)	33	85% of time	3,481 gal	13.6 tons
Miles traveled per vehicle: 6,500 mi Average vehicle fuel economy: 23 MPG Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
University of Utah	Light-Duty	E85 (blender pump)	9	85% of time	949 gal	3.7 tons
Miles traveled per vehicle: 6,500 mi Average vehicle fuel economy: 23 MPG Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
UPS - Heavy-duty CNG	Heavy-Duty	CNG	151	983,651 GGE	885,286 gal	745.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: Yes <i>This includes class 4-6 package delivery trucks and class 7-8 tractors</i>						
UTA	Heavy-Duty	CNG	47	472,313 GGE	318,811 gal	268.4 tons
Market: Commuters Vehicle type: Bus: Transit Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2018 Verified Numbers.</i>						
Utah Food Services	Light-Duty	Propane	7	3,362 gal	2,545 gal	3.6 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Washington City	Light-Duty	CNG	28	1,294 GGE	1,229 gal	1.6 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers.</i>						
Waste Management - Heavy-duty CNG	Heavy-Duty	CNG	77	564,307 GGE	507,877 gal	427.6 tons
Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Weber State University	Heavy-Duty	CNG	6	35% of time	3,840 gal	3.2 tons
Miles traveled per vehicle: 13,000 mi Average vehicle fuel economy: 6 MPGde Market: Government - State Vehicle type: Bus: Shuttle Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Weber State University	Light-Duty	CNG	1	50% of time	100 gal	0.1 tons
Miles traveled per vehicle: 4,000 mi Average vehicle fuel economy: 15 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Zion National Park	Heavy-Duty	Propane	39	283,021 gal	144,617 gal	56.7 tons
Market: National Parks Vehicle type: Bus: Shuttle Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Total:			7,599		7,310,140 gal	10,518 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Dixie National Forest Average vehicle fuel economy: 41 MPG Miles traveled per vehicle per year: 11,236 mi Market: National Parks Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2017 Verified Numbers	Light-Duty	HEV	1	154 gal	1.9 tons
Hill Air Force Base Average vehicle fuel economy: 73 MPG Miles traveled per vehicle per year: 9,000 mi Market: Government - Federal Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers	Light-Duty	PHEV	1	189 gal	1.0 tons
Intermountain Healthcare Average vehicle fuel economy: 37 MPG Miles traveled per vehicle per year: 58,300 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - These vehicles are used for Courier high mileage vehicles that travel 365 days/yr- same as 2016 verified	Light-Duty	PHEV	2	1,372 gal	7.1 tons
Packsizes Miles traveled per vehicle per year: 7,958 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers	Light-Duty	Electric	10	3,430 gal	17.8 tons
Packsizes Average vehicle fuel economy: 47 MPG Miles traveled per vehicle per year: 16,731 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers	Light-Duty	HEV	58	21,181 gal	260.9 tons
Packsizes Average vehicle fuel economy: 59 MPG Miles traveled per vehicle per year: 9,441 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers	Light-Duty	PHEV	59	14,568 gal	75.7 tons
Park City	Heavy-Duty	Electric	12	136,048 gal	544.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average electric fuel economy: 167 kWh/100mi Miles traveled per vehicle per year: 34,012 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
Rio Tinto	Light-Duty	PHEV	1	124 gal	0.6 tons
<p>Average vehicle fuel economy: 46 MPG Miles traveled per vehicle per year: 5,819 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
Rio Tinto	Light-Duty	PHEV	1	12 gal	0.1 tons
<p>Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 3,782 mi Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
Rocky Mountain Power	Heavy-Duty	PHEV	23	32,775 gal	131.2 tons
<p>Average vehicle fuel economy: 10 MPG Miles traveled per vehicle per year: 25,000 mi Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2018 Verified Numbers</p>					
Rocky Mountain Power	Light-Duty	PHEV	4	591 gal	3.1 tons
<p>Average vehicle fuel economy: 23 MPG Miles traveled per vehicle per year: 13,138 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2018 Verified Numbers</p>					
Salt Lake City	Light-Duty	HEV	259	71,928 gal	886.0 tons
<p>Average vehicle fuel economy: 58 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
Salt Lake City	Light-Duty	Electric	31	14,686 gal	76.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Miles traveled per vehicle per year: 11,370 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>					
Salt Lake City International Airport	Light-Duty	Electric	4	1,333 gal	6.9 tons
Miles traveled per vehicle per year: 4,000 mi Market: Airport Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>					
Salt Lake City International Airport	Light-Duty	HEV	9	3,675 gal	45.3 tons
Average vehicle fuel economy: 27 MPG Miles traveled per vehicle per year: 20,258 mi Market: Airport Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>					
Salt Lake Community College	Light-Duty	Electric	3	1,066 gal	5.5 tons
Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>					
Salt Lake Community College	Light-Duty	HEV	7	1,458 gal	18.0 tons
Average vehicle fuel economy: 58 MPG Miles traveled per vehicle per year: 11,370 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>					
Salt Lake County Environmental Health Department	Light-Duty	HEV	12	1,759 gal	21.7 tons
Average vehicle fuel economy: 51 MPG Miles traveled per vehicle per year: 9,600 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2018 Verified Numbers</i>					
Salt Lake County Fleet	Light-Duty	Electric	4	667 gal	3.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average electric fuel economy: 25 kWh/100mi Miles traveled per vehicle per year: 4,000 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
Salt Lake County Fleet	Light-Duty	HEV	51	6,375 gal	78.5 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 15,000 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
Salt Lake County Fleet	Light-Duty	PHEV	1	52 gal	0.3 tons
<p>Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 4,000 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
Snowbird	Heavy-Duty	Electric	1	238 gal	1.0 tons
<p>Miles traveled per vehicle per year: 11,048 mi Market: Corporate Fleet Vehicle type: Bus: Shuttle Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
University of Utah	Light-Duty	HEV	30	7,391 gal	91.0 tons
<p>Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
University of Utah	Light-Duty	Electric	3	1,421 gal	7.4 tons
<p>Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: - 2019 Verified Numbers</p>					
University of Utah	Light-Duty	PHEV	2	555 gal	2.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
<p>Average vehicle fuel economy: 58 MPG Miles traveled per vehicle per year: 11,370 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p> <p><i>2019 Verified Numbers</i></p>					
Utah Paper Box	Light-Duty	Electric	50	4,738 gal	24.6 tons
<p>Average electric fuel economy: 25 kWh/100mi Miles traveled per vehicle per year: 11,370 mi Market: Commuters Vehicle type: Car Percentage from coalition: 20% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p> <p><i>2018 Verified Numbers</i></p>					
Utah Public	Light-Duty	Electric	2,695	258,886 gal	1,345.6 tons
<p>Average electric fuel economy: 30 kWh/100mi Miles traveled per vehicle per year: 11,244 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 20% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p> <p><i>2019 Verified Numbers-- We subtracted the all the fleet reported numbers from over 3,588 EVs. These vehicles most likely represent the public. UCCC has worked extensively to promote EVs through the work of our EV task force and partner organization Leaders for Clean Air. We have also assisted with the installation of EVSE through grant work. To capture that effort we are reporting on registered EV vehicles in Utah 20% contribution.</i></p>					
Utah Public	Light-Duty	PHEV	1,280	54,424 gal	282.9 tons
<p>Average vehicle fuel economy: 42 MPG Miles traveled per vehicle per year: 11,244 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 20% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p> <p><i>2019 Verified Numbers-- We subtracted the all the fleet reported numbers from over 3,588 EVs. These vehicles most likely represent the public. UCCC has worked extensively to promote EVs through the work of our EV task force and partner organization Leaders for Clean Air. We have also assisted with the installation of EVSE through grant work. To capture that effort we are reporting on registered EV vehicles in Utah 20% contribution.</i></p>					
Utah Transit Authority	Heavy-Duty	Electric	3	3,365 gal	13.5 tons
<p>Electricity used: 30,486 kWh Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p> <p><i>2019 Verified Numbers</i></p>					
Utah Transit Authority	Heavy-Duty	HEV	54	255,682 gal	3,149.4 tons
<p>Average vehicle fuel economy: 5 MPG Miles traveled per vehicle per year: 45,467 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: -</p> <p><i>2019 Verified Numbers</i></p>					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Weber State University Miles traveled per vehicle per year: 24,000 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>	Light-Duty	Electric	2	1,500 gal	7.8 tons
Weber State University Average vehicle fuel economy: 42 MPG Miles traveled per vehicle per year: 4,500 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>	Light-Duty	PHEV	6	216 gal	1.1 tons
Zion National Park Average electric fuel economy: 11 kWh/100mi Miles traveled per vehicle per year: 500 mi Market: National Parks Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>	Light-Duty	Electric	2	32 gal	0.2 tons
Zion National Park Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 3,406 mi Market: National Parks Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>	Light-Duty	HEV	5	275 gal	3.4 tons
Zion National Park Average vehicle fuel economy: 42 MPG Miles traveled per vehicle per year: 1,416 mi Market: National Parks Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>	Light-Duty	HEV	5	88 gal	1.1 tons
Zion National Park Average vehicle fuel economy: 68 MPG Miles traveled per vehicle per year: 7,600 mi Market: National Parks Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No Workplace Charging Challenge: - <i>2019 Verified Numbers</i>	Light-Duty	PHEV	2	281 gal	1.5 tons
Total:			4,693	902,536 gal	7,119 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
ACE Disposal	Forklifts	Alternative fuel or vehicles	Electric	2	509 gal	2.0 tons
Fuel used: 6,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
ACE Disposal	Forklifts	Alternative fuel or vehicles	Propane	1	1,363 gal	0.5 tons
Fuel used: 2,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Salt Lake City International Airport	Construction equipment	Alternative fuel or vehicles	Electric	36	21 gal	0.1 tons
Fuel used: 250 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Salt Lake City International Airport	Forklifts	Alternative fuel or vehicles	Propane	10	354 gal	0.1 tons
Fuel used: 520 gal Percentage from coalition: 100% National Clean Fleets Partnership: No 2019 Verified Numbers						
Utah Transit Authority	Railroads	Idle reduction	Gasoline	18	77,079 gal	949.4 tons
Fuel reduced: 77,079 gal Percentage from coalition: 100% National Clean Fleets Partnership: No UTA's Trax Service - Salt Lake County mpg is calculated using GGE						
Weber State University	Landscaping and lawn equipment	Alternative fuel or vehicles	Electric	1	33 gal	0.1 tons
Fuel used: 520 kWh Percentage from coalition: 75% National Clean Fleets Partnership: No 2019 Verified Numbers						
Total:				68	79,360 gal	952 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
ACE Disposal	4 MPG	5 MPG	125	11,000 mi	46,709 gal	579.2 tons
Method: Driver training Vehicle class: Heavy-Duty Market: Utility Vehicle type: Truck: Refuse Percentage from coalition: 75% National Clean Fleets Partnership: No 2019 Continued Project						
Canyons School District	4 MPG	6 MPG	178	10,000 mi	173,781 gal	2,154.9 tons

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>						
Canyons School District	4 MPG	8 MPG	25	9,000 mi	30,008 gal	372.1 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 project continued</i>						
Dominion Energy	10 MPG	11 MPG	1,465	15,501 mi	86,209 gal	1,061.9 tons
Method: Driver training Vehicle class: Light-Duty Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 project continued</i>						
Lancer Energy	23 MPG	25 MPG	10	12,000 mi	417 gal	5.1 tons
Method: Driver training Vehicle class: Light-Duty Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Continued Project</i>						
Momentum Recycling	3 MPG	3 MPG	7	4,000 mi	738 gal	9.1 tons
Method: Driver training Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Internal training have continued through 2019.</i>						
Rocky Mountain Power - Pacificorp	8 MPG	9 MPG	2,076	21,283 mi	603,309 gal	7,481.1 tons
Method: Telematics Vehicle class: Heavy-Duty Market: Utility Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Continued Project</i>						
Salt Lake City	25 MPG	58 MPG	259	8,500 mi	50,103 gal	617.2 tons
Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 continued project</i>						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Salt Lake City International Airport Method: Vehicle - Smaller Vehicle class: Light-Duty Market: Airport Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>	15 MPG	26 MPG	6	18,000 mi	3,046 gal	37.5 tons
Salt Lake City International Airport Method: Vehicle - Switch to diesel Vehicle class: Heavy-Duty Market: Airport Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>	15 MPG	22 MPG	15	12,000 mi	2,947 gal	36.5 tons
Salt Lake County Method: Telematics Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Numbers</i>	10 MPG	15 MPG	51	26,000 mi	48,906 gal	606.4 tons
Sysco Method: Tires - Auto air inflation systems Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>2018 numbers remain the same</i>	5 MPG	6 MPG	85	10,000 mi	25,080 gal	311.0 tons
UTA Method: Driver training Vehicle class: Heavy-Duty Market: Commuters Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Continued</i>	5 MPG	5 MPG	507	39,832 mi	27,977 gal	346.9 tons
Weber State University Method: Cylinder deactivation Vehicle class: Light-Duty Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>	11 MPG	18 MPG	1	4,300 mi	114 gal	1.4 tons
Total:			4,810	201,416 mi	1,099,344 gal	13,621 tons

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Clear the Air Challenge	Other	Light-Duty	195,295 gal	2,405.6 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
<p>Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 25 MPG Number of vehicles driven less: 5,357 VMT project per vehicle being driven less: 1,302 mi Percentage from coalition: 70% National Clean Fleets Partnership: No</p> <p><i>The Clear the Air Challenge is a month long behavioral change campaign that promotes trip chaining, carpooling, public transit, walking, biking, etc. to eliminate unnecessary vehicle trips. The challenge is in its 10th year. In 2016, 4,320 Utahns participated eliminated 2,502,901 miles. UCCC was an original partner in this effort and was instrumental in moving it statewide in 2012. We are still active in promoting the challenge and collaborate with the new challenge hosts (salt lake business chamber).</i></p>				
Momentum Recycling	Route Optimization	Heavy-Duty	1,328 gal	16.5 tons
<p>Fuel saved: 1,200 gallons Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>2019 Continued</i></p>				
Rocky Mountain Power - Pacificorp	Route Optimization	Heavy-Duty	154,949 gal	1,921.4 tons
<p>Fuel type of vehicles driven less: Diesel Fuel economy of vehicles driven less: 7 MPG Number of vehicles driven less: 1,192 VMT project per vehicle being driven less: 1,120 mi Percentage from coalition: 75% National Clean Fleets Partnership: No</p> <p><i>2019 Continued</i></p>				
Rocky Mountain Power - Pacificorp	Mass transit	Light-Duty	13,661 gal	168.3 tons
<p>Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 21 MPG Number of vehicles driven less: 45 VMT project per vehicle being driven less: 8,500 mi Percentage from coalition: 75% National Clean Fleets Partnership: No</p> <p><i>Employee Transit Passes- This project continued in 2019</i></p>				
Snowbird	Route Optimization	Heavy-Duty	1,245 gal	15.4 tons
<p>Fuel type of vehicles driven less: Diesel Fuel economy of vehicles driven less: 16 MPG Number of vehicles driven less: 30 VMT project per vehicle being driven less: 2,000 mi Percentage from coalition: 30% National Clean Fleets Partnership: No</p> <p><i>2019 Continued Project</i></p>				
Snowbird	Car sharing (e.g., Zipcar)	Light-Duty	7,500 gal	92.4 tons
<p>Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 20 MPG Number of vehicles driven less: 200 VMT project per vehicle being driven less: 2,500 mi Percentage from coalition: 30% National Clean Fleets Partnership: No</p> <p><i>2019 Project continued</i></p>				
Utah Food Services	Telecommute	Light-Duty	1,624 gal	20.0 tons
<p>Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 24 MPG Number of vehicles driven less: 16 VMT project per vehicle being driven less: 2,436 mi Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>2019 Verified Numbers</i></p>				
Utah Transit Authority	Mass transit	Light-Duty	14,000 gal	172.4 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Fuel saved: 20,000 gallons Percentage from coalition: 70% National Clean Fleets Partnership: No				
Total:			389,601 gal	4,812 tons

IDLE REDUCTION

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
ACE Recycling	144	360 mins/day 365 days/year	1 gal/hr	418,723 gal	5,192.2 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 verified numbers</i>					
Canyons School District	178	10 mins/day 180 days/year	0 gal/hr	768 gal	9.5 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Continued in 2019</i>					
Idle Reduction Ordinance- Cottonwood Heights	25,064	3 mins/day 52 days/year	0 gal/hr	8,537 gal	105.9 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idle Reduction Ordinance- Draper City, UT	51,085	3 mins/day 106 days/year	0 gal/hr	35,468 gal	439.8 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idle Reduction Ordinance- Holladay, UT	23,031	3 mins/day 48 days/year	0 gal/hr	7,241 gal	89.8 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idle Reduction Ordinance- Logan City	31,000	3 mins/day 65 days/year	0 gal/hr	29,469 gal	365.4 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idle Reduction Ordinance- Park City	5,634	3 mins/day 12 days/year	0 gal/hr	443 gal	5.5 tons

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idle Reduction Ordinance- Salt Lake City	147,883	3 mins/day 308 days/year	0 gal/hr	298,339 gal	3,699.5 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idle Reduction Ordinance- Sandy City, UT	65,322	3 mins/day 136 days/year	0 gal/hr	58,189 gal	721.6 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idle Reduction Ordinance- Town of Alta	288	3 mins/day 1 days/year	0 gal/hr	2 gal	0.0 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idle Reduction Policy - Zion National Park	20,000	5 mins/day 42 days/year	0 gal/hr	16,506 gal	204.7 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 90% National Clean Fleets Partnership: No <i>20,000 vehicles every day of the year is less than half of total visitors (<40%), and all visitors are able to receive idle free educational material upon entry and see information online. As well as park signage.</i> <i>2019 Verified Numbers</i>					
Idle Reduction Regulation- Salt Lake County	453,365	2 mins/day 365 days/year	0 gal/hr	722,588 gal	8,960.2 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Idling Reduction Ordinance- Murray City	37,250	3 mins/day 52 days/year	0 gal/hr	18,886 gal	234.2 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 50% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Jordan School District	115	20 mins/day 227 days/year	0 gal/hr	2,872 gal	35.6 tons

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Jordan School District	260	7 mins/day 227 days/year	0 gal/hr	2,272 gal	28.2 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Lancer Energy	6	3 mins/day 180 days/year	0 gal/hr	24 gal	0.3 tons
Type of project: Other Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Momentum Recycling	11	30 mins/day 365 days/year	1 gal/hr	2,409 gal	29.9 tons
Type of project: Other Type of vehicle: Heavy-Duty - Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Project started- will be continued as they are seeing large improvements</i>					
Rio Tinto	423	3 mins/day 365 days/year	3 gal/hr	23,159 gal	287.2 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Kennecott reports to UCCC in total GGE Reduced. 2019 Verified Numbers</i>					
Salt Lake Airport	744	30 mins/day 365 days/year	0 gal/hr	47,523 gal	589.3 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					
Salt Lake City Fleet	1,658	20 mins/day 365 days/year	0 gal/hr	98,844 gal	1,225.7 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019- Verified Numbers</i>					
Sysco	127	18 mins/day 323 days/year	2 gal/hr	23,382 gal	289.9 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 100% National Clean Fleets Partnership: No <i>2019 Verified Numbers</i>					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Turn Your Key Be Idle Free Utah	36,000	3 mins/day 365 days/year	0 gal/hr	172,134 gal	2,134.5 tons
<p>Type of project: Other Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>Increased exposure due to UCAIR messaging at the state level in partnership with UCCC. 2019 Verified Numbers</i></p>					
UPS	733	30 mins/day 260 days/year	1 gal/hr	41,165 gal	510.5 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 80% National Clean Fleets Partnership: Yes</p> <p><i>2018 Verified Numbers</i></p>					
Utah Food Services	12	15 mins/day 365 days/year	1 gal/hr	657 gal	8.1 tons
<p>Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>2019 Verified Numbers</i></p>					
Utah Idle Free Schools	2,880	21 mins/day 250 days/year	1 gal/hr	126,000 gal	1,562.4 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>2019 Verified Numbers</i></p>					
Utah Transit Authority	18	30 mins/day 210 days/year	1 gal/hr	1,588 gal	19.7 tons
<p>Type of project: Auxiliary power unit (APU) Type of vehicle: Heavy-Duty - Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>UTA uses wayside power to turn off the head engine power on the locomotives. Wayside power stations draw electricity from the grid to power the HVAC and lighting of the passenger cars, which eliminated the consumption of 54,116 gallons of diesel in 2016.</i></p>					
Total:	903,231			2,157,189 gal	26,750 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	-	6
E85 - 85% Ethanol	-	-
Electric Charging Outlets: Level 1 & Level 2	415	-
Electric Charging Outlets: DC Fast Chargers	66	4
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	-	-

Fuel	Public Stations	Private Stations
Total:	481	10

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
EV Program Smart Mobility	01/02/2019, 01/16/2019, 02/13/2019, 03/13/2019	Meeting - Stakeholder	100%	26
<p>Technology: Electric vehicles, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Utility, Other <i>Skype phone conference to talk about EV integration with stakeholders- Project follow up</i></p>				
Hydrogen Meeting Discussion	01/04/2019	Meeting - Stakeholder	100%	25
<p>Technology: Fuel economy improvements, Hydrogen Audience: Government, Private Fleets, Transit, Utility, Other <i>Panel participant</i></p>				
Climate Symposium Educational Meeting	01/07/2019	Meeting - Other	25%	50
<p>Technology: Biodiesel, Electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Other <i>Finalize the committee's mission, objectives, and structure.</i></p>				
Summit County Solar Project Completion and Blue Sky Award	01/09/2019	Media Event	50%	100
<p>Technology: Electric vehicles Audience: General Public, Government, Private Fleets, Transit, Utility, Other <i>Project completion milestone and award event.</i></p>				
UCAIR Partners meeting	01/04/2019, 01/11/2019, 01/25/2019, 02/08/2019, 03/08/2019, 04/12/2019, 05/10/2019, 06/14/2019, 07/12/2019, 08/09/2019, 09/13/2019, 10/11/2019, 11/08/2019, 12/13/2019	Meeting - Stakeholder	25%	50
<p>Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other <i>UCAIR Partners meeting, presentations from UCCC</i></p>				
Climate Change Education	01/17/2019, 01/27/2019, 02/25/2019, 03/25/2019, 03/27/2019	Workshop Held By Coalition	100%	30
<p>Technology: Biodiesel, Electric vehicles, Idle reduction, Natural gas vehicles, Propane Audience: General Public, Other <i>STEM outreach and climate change work groups</i></p>				
UCC and Dominion Energy Meeting	01/15/2019	Meeting - Stakeholder	100%	5

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Electric vehicles Audience: Government, Private Fleets				
Work Electric Meeting	01/22/2019	Meeting - Other	100%	5
Technology: Electric vehicles, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Other <i>Meeting to discuss the WestSmart EV Grant- Work Electric Program, objectives, and promotion.</i>				
Coordinator Council Training	01/10/2019	Workshop Held By Coalition	100%	5
Technology: Electric vehicles Audience: Other				
Clean Cities Council Agenda	01/28/2019	Meeting - Other	100%	30
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Other <i>Welcome new members and discuss roles.</i>				
Energy Summit Preparation Round Table Discussion	01/29/2019	Meeting - Stakeholder	100%	6
Technology: Biodiesel, E85, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Other <i>Advisory board meeting to prepare for the Energy Summit.</i>				
Air Quality Monitoring Murray Schools	01/30/2019	Meeting - Stakeholder	100%	2
Technology: Idle reduction Audience: Other <i>Meeting with Murray on Air Monitoring Project.</i>				
iREV Meetings	01/31/2019	Meeting - Stakeholder	100%	39
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste, Other <i>iREV project planning and partnership meetings</i>				
Hydrogen and CNG Meeting Discussion	02/05/2019	Meeting - Stakeholder	100%	3
Technology: Hydrogen, Natural gas vehicles Audience: Private Fleets, Other <i>Meeting to catch up on new work with CNG and Hydrogen. Membership renewal and outreach planning with current hydrogen group and OED & UCC.</i>				
Executive Board Committee Meeting	02/06/2019, 02/12/2019	Meeting - Stakeholder	100%	5
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Other				
Sandy City	02/20/2019	Meeting - Stakeholder	100%	6
Technology: Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Other <i>Work electric, EVSE, and 2019 partnership and project planning</i>				
Climate Change Workshop	02/25/2019, 02/27/2019	Workshop Held By Coalition	100%	50
Technology: E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Other <i>Education and Outreach Event</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Transportation Energy Partners- Energy Independence Summit	02/11/2019, 02/12/2019, 02/13/2019, 02/14/2019, 02/15/2019	Conference Participation	80%	500
Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: General Public, Government, Other				
<i>Energy Summit</i>				
Path to a Positive Utah Declaration	02/26/2019	Meeting - Stakeholder	30%	50
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public, Government, Other				
SLCOEHD and UCC School Air Monitoring Review and Planning	01/14/2019	Meeting - Stakeholder	100%	10
Technology: Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Government, Private Fleets, Other				
<i>Air monitoring</i>				
Climate Meeting	02/27/2019	Meeting - Other	25%	50
Technology: Electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Other				
Sandy City	03/06/2019	Meeting - Stakeholder	100%	6
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Other				
<i>Follow-up meeting</i>				
SLC EOP	03/08/2019	Meeting - Stakeholder	100%	5
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Government				
<i>Meeting to discuss relevant EOP's for SLC for the iREV project.</i>				
Dominion Energy Preparation Meeting	03/05/2019, 03/06/2019, 03/07/2019	Meeting - Stakeholder	100%	5
Technology: Electric vehicles, Natural gas vehicles Audience: Private Fleets, Utility, Other				
<i>Stakeholder preparation meeting.</i>				
Clean Air and EV meeting	03/12/2019	Meeting - Stakeholder	100%	5
Technology: Electric vehicles, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Government, Other				
Corridor and FHWA Discussion with UCCC	03/13/2019	Meeting - Stakeholder	100%	2
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Other				
<i>A discussion to define solid pathway to the REV West project and some good first steps for Utah and regional states.</i>				
Regional Meeting GTSE	03/18/2019	Meeting - Stakeholder	100%	5
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Other				
RNG Customer Planning Meeting	03/21/2019	Meeting - Stakeholder	100%	8
Technology: Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles Audience: Utility				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
ACE Meeting Technology: Natural gas vehicles Audience: Transit, Waste <i>highlight ACE as a regional example of a green fleet in use</i>	03/25/2019	Meeting - Stakeholder	100%	4
Clean Cities VW Discussion Technology: Electric vehicles, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Government <i>Clean Cities coordinators will discuss the status of VW Settlement activities in their states. (The discussion is currently limited to coordinators and any coalition staff working on activities related to the VW Settlement.)</i>	03/27/2019	Meeting - Stakeholder	100%	12
ACT Expo 2019 Clean Cities Committee Call Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Private Fleets, Transit, Utility, Waste, Other <i>Continuing planning calls to plan ACT Expo</i>	02/04/2019, 03/04/2019, 03/18/2019, 03/27/2019, 03/27/2019, 04/10/2019	Meeting - Stakeholder	80%	25
iREV Meetings Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste, Other <i>iREV project planning and partnership meetings</i>	03/28/2019	Meeting - Stakeholder	100%	35
LFCA & Park City "On the Move" Planning Call Technology: Electric vehicles, Hybrid electric vehicles Audience: Transit, Other <i>Description: Initial Planning Call for Park City's "On the Move" Month of June</i>	04/03/2019	Meeting - Stakeholder	100%	6
Packsize EV and Workplace Charging Tour Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Vehicle miles traveled reduction Audience: Government, Other	08/21/2019	Workshop Held By Coalition	100%	250
Clean Cars Standard News Conference Technology: Fuel economy improvements, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other	08/28/2019	Media Event	75%	2,500
Jordan School District Case Study Meeting Technology: Fuel economy improvements, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Transit	08/28/2019	Meeting - Stakeholder	100%	15
Idle Free Declaration Reading Event Technology: Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other <i>12th Annual Idle Free Utah Governor's Declaration Press Event</i>	09/16/2019	Media Event	100%	3,000
TEP- DOE Meeting Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government	09/29/2019, 09/30/2019, 10/01/2019	Meeting - Stakeholder	100%	20
Legislative Round Table Event	04/04/2019, 04/09/2019	Workshop Held By Coalition	100%	100

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste <i>UCC April board meeting & stakeholder workshop- Legislative Round Table with UCC board members. Primary Focus: Public and Private Partnerships for current funding, incentives, grants and collaborations with Advanced Fuels in Utah and the Northwest Region.</i>				
UDOT Meeting	04/11/2019	One-on-One Fleet Outreach	100%	4
Technology: Biodiesel, Electric vehicles, Hydrogen, Natural gas vehicles Audience: Government				
Salt Lake City Sustainability Meeting	01/07/2019, 02/04/2019, 03/04/2019, 04/08/2019, 05/06/2019, 06/03/2019, 07/08/2019, 08/05/2019, 09/02/2019, 10/07/2019, 11/04/2019, 12/09/2019	Meeting - Other	50%	10
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government <i>On-going SLCGreen Sustainability Meetings</i>				
UCAN All Network Meeting	04/10/2019	Meeting - Stakeholder	75%	150
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Private Fleets, Transit <i>Spring 2019 UCAN All Network Meeting.</i>				
Utah Governor's Office of Energy Development Meetin	04/17/2019	Meeting - Stakeholder	100%	4
Technology: Electric vehicles, Natural gas vehicles, Propane Audience: Government				
ACT Expo- Panel Medium - and Heavy-Duty Electric Truck Technology Showcase Part I - MD and HD Component Electrification Showcase	04/19/2019	Workshop Held By Coalition	50%	1,500
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other <i>UCC Moderated Panel</i>				
Pacificorps, WestSmart EV Meeting	04/19/2019	Meeting - Stakeholder	100%	10
Technology: Electric vehicles, Hybrid electric vehicles Audience: Government, Private Fleets, Utility				
Advanced Technology Conference- ACT EXPO	04/22/2019, 04/23/2019, 04/24/2019, 04/25/2019, 04/26/2019	Conference Participation	100%	4,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other <i>UCC tabled and moderated a panel for ACT Expo</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Kane County, Kanab, Zion National Park Alternative Fuel Fleet Meeting	04/08/2019, 04/11/2019, 04/22/2019, 05/30/2019, 06/03/2019, 06/06/2019, 06/11/2019, 08/06/2019, 10/24/2019, 12/12/2019, 12/12/2019, 12/16/2019, 12/20/2019	Meeting - Stakeholder	100%	100
<p>Technology: Electric vehicles Audience: General Public, Government, Private Fleets, Transit <i>Ongoing meetings with Kanab City and Kane County regarding EV Shuttle System through Zion National Park.</i></p>				
Governor's Motor Vehicle Review Committee	04/23/2019, 11/14/2019	Meeting - Stakeholder	50%	40
<p>Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government</p>				
Tour of New UTA Electric buses and Charging Infrastructure	04/29/2019	Meeting - Stakeholder	50%	20
<p>Technology: Electric vehicles Audience: Government, Private Fleets, Transit</p>				
GTSE 2019- Women Driving the Future of Transportation: Take a Tour with These Advanced Transportation Leaders	04/18/2019, 05/03/2019, 05/07/2019, 05/21/2019, 05/22/2019, 05/23/2019, 05/24/2019	Conference Participation	50%	3,000
<p>Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other</p>				
Lyon EV Buses Stakeholder Meeting	05/06/2019	Meeting - Stakeholder	100%	2
<p>Technology: Electric vehicles Audience: Transit</p>				
EV 101 Training Workshop- Dealership Engagement	05/07/2019	Workshop Held By Coalition	100%	25
<p>Technology: Electric vehicles, Hybrid electric vehicles Audience: Private Fleets, Transit, Other</p>				
Cactus & Tropicals EV Fleet Meeting for Work Electric	05/07/2019	One-on-One Fleet Outreach	100%	4
<p>Technology: Electric vehicles Audience: Private Fleets</p>				
Park City Electric Vehicle Ride & Drive	05/07/2019, 06/07/2019	Workshop Held By Coalition	100%	70
<p>Technology: Electric vehicles Audience: General Public, Government, Private Fleets, Utility</p>				
Utah Emergency Training Exercise- Natural Gas Disruption	05/08/2019	Conference Participation	25%	200

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Sandy City Alternative Fuel Fleet Adoption Meetings	02/20/2019, 03/05/2019, 05/14/2019, 08/08/2019, 10/18/2019	Meeting - Stakeholder	100%	30
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Transit, Utility, Waste <i>Ongoing meetings with Sandy City to support Alternative Fuel Vehicle adoption, expansion and conversion.</i>				
Low No Grant 2019 - Meeting with Utah Transit Authority	05/09/2019	Meeting - Stakeholder	80%	10
Technology: Electric vehicles, Hybrid electric vehicles Audience: Transit				
ACE Recycling Open House & Ribbon Cutting	05/10/2019	Media Event	50%	1,000
Technology: Natural gas vehicles Audience: Waste				
UTA -RNG Meeting with Dominion Energy	05/15/2019	Meeting - Stakeholder	100%	25
Technology: Natural gas vehicles Audience: Transit				
Northwest Regional Meeting @ GTSE	05/20/2019	Meeting - Stakeholder	100%	20
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government <i>UCC Led NW Regional Clean Cities Annual Meeting at GTSE</i>				
Salt Lake City Airport Stakeholder Alternative Fuel Fleet Adoption Meeting	05/31/2019	Meeting - Stakeholder	100%	6
Technology: Biodiesel, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Airport				
CORWest Inter-mountain EV Corridor Meetings	03/13/2019, 05/15/2019, 05/31/2019, 06/04/2019, 06/10/2019, 06/14/2019, 10/30/2019, 11/06/2019, 11/22/2019, 11/25/2019, 12/04/2019	Meeting - Stakeholder	100%	35
Technology: Electric vehicles, Hybrid electric vehicles Audience: Government, Private Fleets, Transit, Other				
Park City Business Energy and Climate Symposium	06/07/2019	Workshop Held By Coalition	100%	20
Technology: Electric vehicles Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Red Butte Gardens- Event and AFV Adoption Meeting	06/12/2019	Meeting - Stakeholder	100%	5

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Electric vehicles, Hybrid electric vehicles Audience: Private Fleets				
Sandy City Ribbon Cutting for EV Chargers	06/12/2019	Media Event	50%	2,000
Technology: Electric vehicles Audience: General Public, Government, Private Fleets				
Clean Air Caucus Meeting	06/18/2019	Meeting - Stakeholder	25%	50
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
UT State Board of Education CNG/RNG Bus Meeting & Workshop	06/19/2019	Workshop Held By Coalition	100%	30
Technology: Biodiesel, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Private Fleets, Transit				
Yellow Cab & Electrification UCC and SLC AFV Adoption	07/08/2019	Meeting - Stakeholder	100%	8
Technology: Electric vehicles, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Private Fleets				
TEP Board Retreat	07/16/2019, 07/17/2019, 07/18/2019, 07/19/2019, 07/20/2019	Meeting - Stakeholder	100%	50
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Other				
Holladay City AFV Adoption Meeting	07/02/2019, 07/31/2019	One-on-One Fleet Outreach	100%	10
Technology: Electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Government				
Park City EV Bus Tour	08/19/2019	Workshop Held By Coalition	100%	40
Technology: Electric vehicles Audience: Government, Other				
Transportation Energy Partners Board & Meetings	03/12/2019, 03/22/2019, 04/05/2019, 04/12/2019, 04/19/2019, 04/30/2019, 05/03/2019, 05/10/2019, 05/17/2019, 06/04/2019, 06/25/2019, 07/03/2019, 07/31/2019, 08/07/2019, 08/21/2019, 09/18/2019, 09/24/2019, 09/25/2019, 10/16/2019	Meeting - Stakeholder	90%	8

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Other <i>Ongoing meetings/calls for coordination of TEP and Clean Cities mission</i>				
Utah Clean Cities' Working Board of Trustees Meeting	01/29/2019, 02/12/2019, 03/12/2019, 04/09/2019, 07/09/2019, 10/08/2019	Meeting - Stakeholder	100%	20
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Other				
Fleet Savers RNG AFV Adoption Meeting	07/19/2019	Meeting - Stakeholder	100%	8
Technology: Natural gas vehicles Audience: Private Fleets				
ARUP AFV Fleet Adoption Meetings	07/23/2019, 07/30/2019, 08/08/2019, 10/03/2019, 10/11/2019, 11/11/2019	Meeting - Stakeholder	100%	30
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Private Fleets, Other				
Utah Foundations AFV Fleet Meeting	07/30/2019	Meeting - Stakeholder	100%	20
Technology: Biodiesel, Electric vehicles, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Other				
Cedar City AFV Adoption Meeting	08/07/2019	One-on-One Fleet Outreach	100%	4
Technology: Electric vehicles Audience: Government				
2019 Salt Lake City: Clean Cities Coordinator Training Workshop	08/19/2019, 08/20/2019, 08/21/2019, 08/22/2019, 08/23/2019	Conference Participation	100%	300
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Other				
ACE Recycling CNG/ RNG Refuse Tour	08/21/2019	Workshop Held By Coalition	100%	350
Technology: Fuel economy improvements, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Government, Other				
Utah Transit Authority Listening Session Discussion	08/29/2019	Workshop Held By Coalition	100%	20
Technology: Electric vehicles, Fuel economy improvements, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Transit				
Solar Power International Workshop - EV 101	09/11/2019, 09/23/2019	Conference Participation	100%	50
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other <i>UCC led and moderated an EV 101 workshop in the SPI Conference</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
SELECT Annual Conference	09/17/2019, 09/18/2019	Conference Participation	25%	1,000
Technology: Electric vehicles, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste				
Intermountain Western Alternative Fuel Corridor Convening	09/24/2019, 10/30/2019, 11/06/2019	Meeting - Stakeholder	75%	200
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Utah Outdoor Summit--Clean Air on our Public Lands Summit	10/03/2019, 10/22/2019, 10/23/2019, 10/24/2019	Conference Participation	50%	1,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other <i>UCC speaker at Conference in the Clean Air in our Public Lands Panel</i>				
Dell/EMC Lunch & Learn for Workplace Charging	10/11/2019, 10/29/2019	Workshop Held By Coalition	100%	50
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Utility, Other				
ACE Recycling Listening Session	10/15/2019	Workshop Held By Coalition	100%	10
Technology: Fuel economy improvements, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Waste				
Salt Lake County AFV Adoption Meeting	11/07/2019, 12/10/2019	Meeting - Stakeholder	100%	4
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Private Fleets, Other				
Fleet Savers Ribbon Cutting Event	11/13/2019	Media Event	100%	400
Technology: Natural gas vehicles Audience: Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
100 Best Fleets! UCC Presentation	11/19/2019	Meeting - Stakeholder	75%	30
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste				
ZION 100! Year Birthday Celebration	12/19/2019	Conference Participation	10%	300
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Transit, Utility				
Washington City AFV Adoption Meeting	11/20/2019	One-on-One Fleet Outreach	100%	10
Technology: E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Other				
Western University Transportation Graduate Class Presentation	12/03/2019	Meeting - Other	100%	30
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Total:				23,372

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2019	Matching Funds Spent in 2019	Total Project Funding Spent in 2019
West Smart Grant	\$318,000	\$10,000	\$328,000	\$86,060	\$10,000	\$96,060
Additional grant money added since start: \$0 Additional matching funds added since start: \$0 Length of grant: 4 years Year grant began: 2016 Sources of the grant: U.S. Department of Energy Partners: Pacificorp, USU, UCCC, Treasury Valley CC, Drive Oregon, Yellowstone Teton CC, Technologies: Electricity Purpose: Provide EV funding for charging stations and education outreach <i>Utah Clean Cities is developing the Work Electric Workplace Charging and Fleet Deployment portion of the grant including sub-recipient Clean Cities in our region: Wyoming, Oregon, and parts of Idaho with Wyoming's grant. Nevada University is also a partner. Primary goal is build infrastructure with EV's and EVSE.</i> <i>3 year grant for EV charging stations in Utah and education outreach in Utah, Idaho, Oregon, ans Nevada for a total of \$4.5 Million to implement.</i>						
Total:	\$318,000	\$10,000	\$328,000	\$86,060	\$10,000	\$96,060