

2017 Transportation Technology Deployment Report:

Lone Star Clean Fuels Alliance (Central
Texas)

Expanded Edition

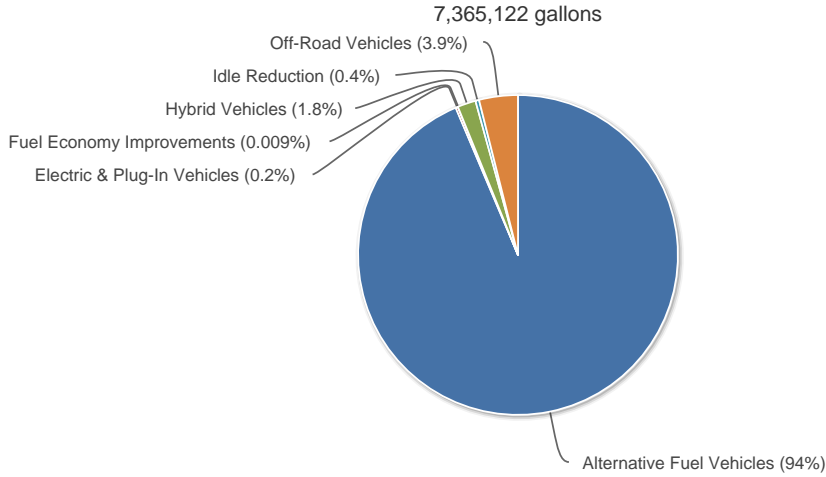
March 2018

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.

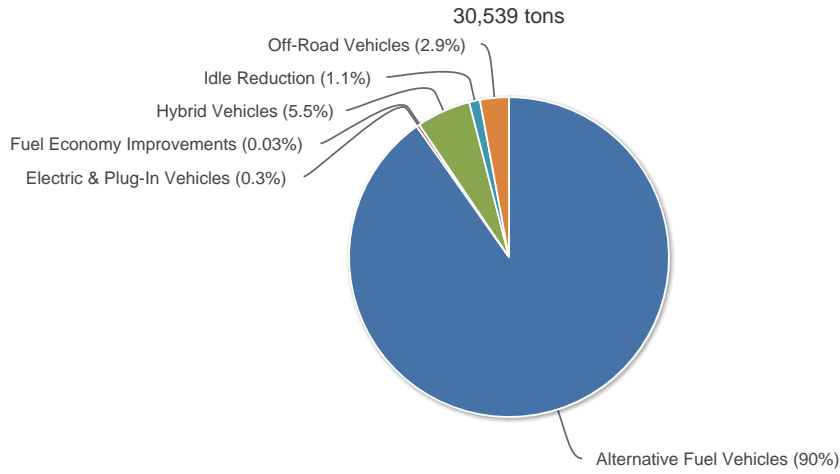
Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory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

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

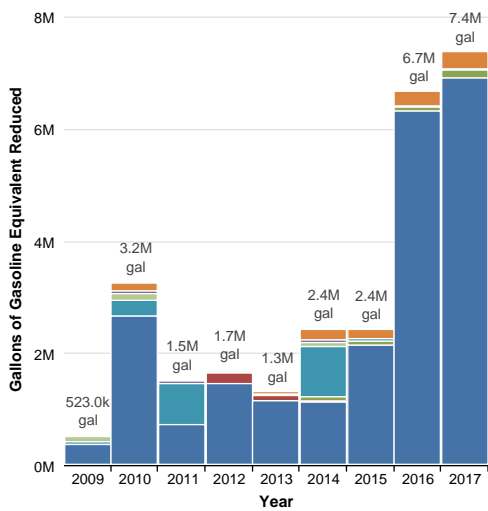
2017 Gallons of Gasoline Equivalent Reduced



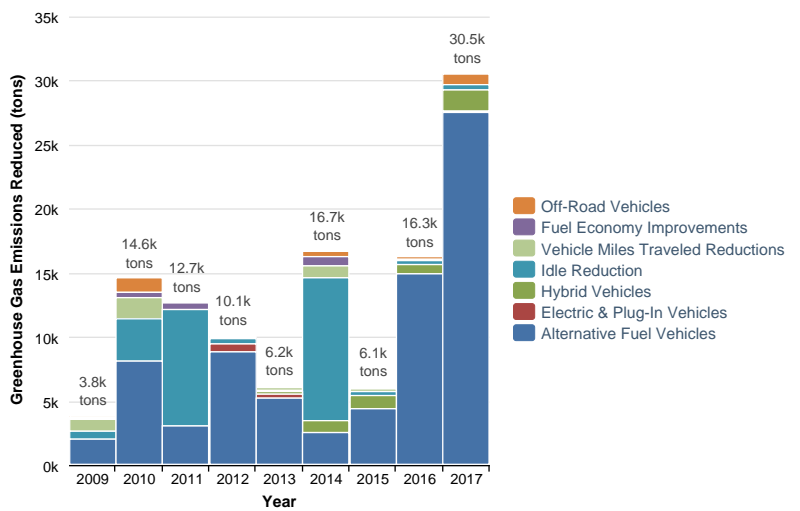
2017 Greenhouse Gas Emissions Reduced



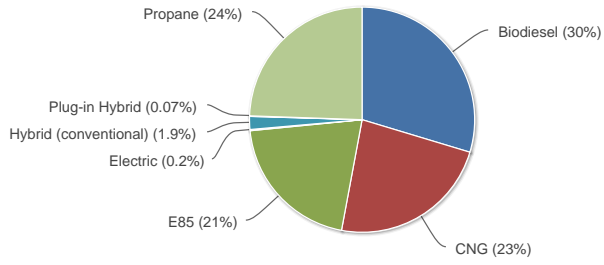
Historical Gallons of Gasoline Equivalent Reduced



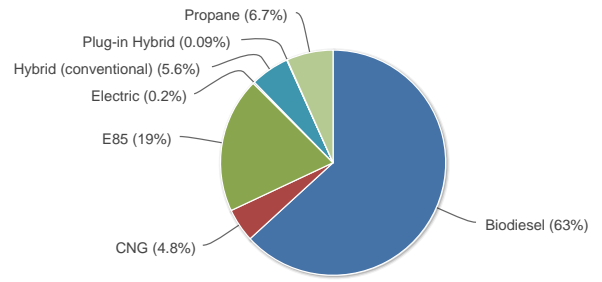
Historical Greenhouse Gas Emissions Reduced



2017 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects
7,338,086 gallons



2017 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects
30,204 tons



COALITION

Lone Star Clean Fuels Alliance (Central Texas) - TX

<http://www.lonestarcfa.org>

Designated: 04/18/1994

Boundaries: Bastrop, Caldwell, Hays, Travis, Williamson Counties; Fort Hood; City of Temple, Texas

COORDINATORS

	Address	Telephone	Fax
Elizabeth Munger	PO Box 30045 Austin, TX 78755		
Number of coordinators			1
Coordinator(s) hours per week on Clean Cities			15 hours
Other staff hours per week on Clean Cities			15 hours
How long have you been the coordinator?			1 years

OPERATING INFORMATION

Host organization	Nonprofit - Standalone
Stakeholders	
Number of stakeholders	90
Number of private stakeholders	20
Does the State Energy Office provide any financial support to the coalition or stakeholders?	No
How would you rate the quality of the data on your survey?	Excellent
How do you obtain most of your data for the survey?	Coalition records, Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov?	Yes

2017 Outside Funding

Stakeholder dues collected	\$8,000
How much funding is obtained from other sources to cover coalition operating expenses?	\$19,388
Non-DOE or ARRA grant and matching funds spent in 2017	\$126,650
Total non-DOE or ARRA funding in 2017	\$154,038

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Austin I.S.D. Miles traveled per vehicle: 11,197 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	Propane	6	100% of time	11,799 gal	4.6 tons
Capital Area Rural Transportation Services Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	Propane	27	100,823 gal	68,691 gal	26.9 tons
City of Austin Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Fire trucks</i>	Heavy-Duty	Biodiesel (20%)	109	859,625 gal	183,272 gal	1,604.9 tons
City of Austin Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Class 2 - EMS</i>	Heavy-Duty	Biodiesel (20%)	94	792,223 gal	168,902 gal	1,479.1 tons
City of Austin Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	Biodiesel (20%)	520	2,052,390 gal	437,570 gal	3,831.8 tons
City of Austin Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	Biodiesel (20%)	122	2,424,066 gal	516,811 gal	4,525.7 tons
City of Austin Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Haulers, dump trucks, water tankers</i>	Heavy-Duty	Biodiesel (20%)	547	3,331,036 gal	710,177 gal	6,219.0 tons
City of Austin Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Sweeper</i>	Heavy-Duty	CNG	1	10,778 GGE	9,700 gal	8.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Austin	Heavy-Duty	CNG	45	1,456,184 GGE	1,310,566 gal	1,103.5 tons
Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Austin	Heavy-Duty	CNG	4	438 GGE	394 gal	0.3 tons
Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Austin	Heavy-Duty	Propane	2	26,288 gal	17,910 gal	7.0 tons
Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Passenger bus, trailer mount</i>						
City of Austin	Light-Duty	Biodiesel (20%)	143	290,721 gal	74,378 gal	680.6 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Austin	Light-Duty	CNG	2	866 GGE	823 gal	1.1 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Austin	Light-Duty	E85	537	2,070,607 gal	1,196,811 gal	4,668.8 tons
Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Austin	Light-Duty	E85	1,284	41% of time	227,047 gal	885.7 tons
Miles traveled per vehicle: 9,103 mi Average vehicle fuel economy: 13 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>1,586,086 gallons of E85 used; 2,304,590 gallons of unleaded used in 1,284 vehicles.</i>						
City of Austin	Light-Duty	E85	31	43% of time	4,092 gal	16.0 tons
Miles traveled per vehicle: 6,479 mi Average vehicle fuel economy: 13 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>40,590 gallons of E85 used by Tahoes and service trucks; 53,411 gallons of unleaded gasoline used in 31 vehicles.</i>						
City of Austin	Light-Duty	Propane	51	80% of time	40,497 gal	57.2 tons
Miles traveled per vehicle: 16,973 mi Average vehicle fuel economy: 17 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Propane/unleaded gasoline vehicles used 360,007 gge of propane and 91,713 gallons of unleaded gasoline.</i>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Austin	Light-Duty	Propane	135	36% of time	19,409 gal	27.4 tons
Miles traveled per vehicle: 6,829 mi Average vehicle fuel economy: 17 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Bi-fuel propane/unleaded gasoline; 465,632 GGE of propane and 838,934 gallons of unleaded used in 135 pickups.</i>						
City of Austin Aviation	Heavy-Duty	CNG	17	97,097 GGE	87,387 gal	73.6 tons
Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Austin Aviation	Heavy-Duty	Propane	17	105,000 gal	71,537 gal	28.0 tons
Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Cedar Park	Light-Duty	Propane	9	5,872 gal	4,445 gal	6.3 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Georgetown	Light-Duty	Propane	3	3,072 gal	1,163 gal	1.6 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						
City of Pflugerville	Heavy-Duty	Propane	1	100% of time	878 gal	0.3 tons
Miles traveled per vehicle: 5,000 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of San Marcos	Light-Duty	E85 (blender pump)	69	10% of time	2,452 gal	9.6 tons
Miles traveled per vehicle: 7,500 mi Average vehicle fuel economy: 13 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of San Marcos	Light-Duty	E85 (blender pump)	132	10% of time	7,481 gal	29.2 tons
Miles traveled per vehicle: 7,500 mi Average vehicle fuel economy: 8 MPG Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Temple	Heavy-Duty	CNG	23	153,759 GGE	138,383 gal	116.5 tons
Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Temple Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	Propane	13	6,891 gal	5,216 gal	7.4 tons
CNG4America Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	CNG	300	43,657 GGE	41,474 gal	53.7 tons
CNG4America - Austin Location Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	CNG	3	343 GGE	326 gal	0.4 tons
Eanes ISD Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	Propane	25	83,366 gal	56,797 gal	22.3 tons
Leander I.S.D. Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Fuel used for 2017 increased for the same number of buses because the ISD did not have 64 buses during all of 2016.</i>	Heavy-Duty	Propane	64	231,084 gal	157,437 gal	61.7 tons
Pinnacle Propane Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	Propane	46	1,600,000 gal	1,211,200 gal	1,712.0 tons
Propane Council of Texas Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	Propane	1	853 gal	646 gal	0.9 tons
Schwan's - Medium-duty Propane Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes	Heavy-Duty	Propane	14	62,549 gal	42,615 gal	16.7 tons
Texas Health & Human Services Commission Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No	Heavy-Duty	Biodiesel (10%)	2	0 gal	0 gal	0.0 tons
Texas Health & Human Services Commission Market: Government - State Vehicle type: Bus: Shuttle Percentage from coalition: 50% National Clean Fleets Partnership: No	Heavy-Duty	Biodiesel (10%)	3	0 gal	0 gal	0.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of		GGE Reduced	GHG Reduced
			Vehicles	Fuel Used		
Texas Health & Human Services Commission	Heavy-Duty	Biodiesel (10%)	3	0 gal	0 gal	0.0 tons
Market: Government - State Vehicle type: Truck: Semi-trailer Percentage from coalition: 50% National Clean Fleets Partnership: No						
Texas Health & Human Services Commission	Heavy-Duty	Propane	1	100% of time	334 gal	0.1 tons
Miles traveled per vehicle: 3,500 mi Average vehicle fuel economy: 6 MPGde Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No <i>This is a pickup truck above 10,000 lbs.</i>						
Texas Health & Human Services Commission	Light-Duty	Biodiesel (10%)	6	0 gal	0 gal	0.0 tons
Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						
Texas Health & Human Services Commission	Light-Duty	E85	79	0 gal	0 gal	0.0 tons
Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						
Texas Health & Human Services Commission	Light-Duty	E85	14	0 gal	0 gal	0.0 tons
Market: Government - State Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No						
Texas Health & Human Services Commission	Light-Duty	Propane	1	100% of time	44 gal	0.1 tons
Miles traveled per vehicle: 1,500 mi Average vehicle fuel economy: 17 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						
Texas State University	Light-Duty	CNG	6	0 GGE	0 gal	0.0 tons
Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						
Texas State University	Light-Duty	E85	117	15% of time	1,491 gal	5.8 tons
Miles traveled per vehicle: 3,587 mi Average vehicle fuel economy: 13 MPG Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						
The University of Texas at Austin	Light-Duty	E85	4	180 gal	104 gal	0.4 tons
Market: Government - State 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
The University of Texas at Austin	Light-Duty	E85	161	54,552 gal	31,531 gal	123.0 tons
Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
The University of Texas at Austin	Light-Duty	Propane	1	156 gal	59 gal	0.1 tons
Market: Government - State Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No						
Travis County	Light-Duty	E85 (blender pump)	372	10% of time	33,487 gal	130.6 tons
Miles traveled per vehicle: 19,000 mi Average vehicle fuel economy: 13 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No E-10						
Travis County	Light-Duty	Propane	9	623 gal	472 gal	0.7 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:			5,176		6,895,806 gal	27,549 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Austin Energy	Light-Duty	PHEV	1	428 gal	2.2 tons
Electricity used: 3,000 kWh Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Austin I.S.D.	Heavy-Duty	Electric	1	832 gal	3.3 tons
Miles traveled per vehicle per year: 5,240 mi Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
City of Austin	Heavy-Duty	HEV	2	441 gal	5.4 tons
Average vehicle fuel economy: 95 MPG Miles traveled per vehicle per year: 8,730 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: Service trucks					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Austin Average vehicle fuel economy: 95 MPG Miles traveled per vehicle per year: 6,157 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>417,503 gallons of unleaded gasoline used.</i>	Light-Duty	HEV	234	32,859 gal	404.7 tons
City of Austin Average vehicle fuel economy: 95 MPG Miles traveled per vehicle per year: 6,522 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>55,490 gallons of unleaded gasoline also used.</i>	Light-Duty	PHEV	32	4,760 gal	24.7 tons
City of Georgetown Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 1,622 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	1	15 gal	0.2 tons
City of Georgetown Average vehicle fuel economy: 33 MPG Miles traveled per vehicle per year: 12,138 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	11	1,881 gal	23.2 tons
City of Pflugerville Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 4,000 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	1	91 gal	1.1 tons
City of San Marcos Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 7,800 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	7	1,243 gal	15.3 tons
Electric Cab of North America Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 6,167 mi Market: Taxis Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	30	10,336 gal	53.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Texas State University Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 3,587 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	13	1,090 gal	5.7 tons
The University of Texas at Austin Average vehicle fuel economy: 79 MPG Miles traveled per vehicle per year: 3,040 mi Market: Government - State Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	9	416 gal	5.1 tons
The University of Texas at Austin Average vehicle fuel economy: 126 MPG Miles traveled per vehicle per year: 2,268 mi Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	5	287 gal	3.5 tons
Travis County Average vehicle fuel economy: 22 MPG Miles traveled per vehicle per year: 8,650 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	16	3,595 gal	44.3 tons
Travis County Average vehicle fuel economy: 22 MPG Miles traveled per vehicle per year: 15,865 mi Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	10	4,992 gal	61.5 tons
Travis County Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 4,250 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	7	1,240 gal	15.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
UPS - Medium-duty Hybrids	Heavy-Duty	HEV	39	88,684 gal	1,092.4 tons
Average vehicle fuel economy: 24 MPG Miles traveled per vehicle per year: 18,742 mi Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes Workplace Charging Challenge:					
UPS indicates that their hybrid vehicles see up to 4x improvement in fuel economy compared to their conventional counterparts.					
Total:			419	153,188 gal	1,762 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Austin I.S.D.	Forklifts	Alternative fuel or vehicles	Propane	1	19 gal	0.0 tons
Fuel used: 28 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Austin I.S.D.	Other	Alternative fuel or vehicles	Propane	24	2,459 gal	1.0 tons
Fuel used: 3,609 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Propane mowers</i>						
Benchmark Landscaping	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	35	10,492 gal	4.1 tons
Fuel used: 30,800 gal Percentage from coalition: 50% National Clean Fleets Partnership: No						
City of Austin	Construction equipment	Alternative fuel or vehicles	Biodiesel (20%)	218	26,992 gal	236.4 tons
Fuel used: 126,604 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Excavators, sweepers, loaders, skid steers</i>						
City of Austin	Construction equipment	Alternative fuel or vehicles	Biodiesel (20%)	198	58,350 gal	511.0 tons
Fuel used: 273,687 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Austin	Other	Alternative fuel or vehicles	CNG	8	118,701 gal	99.9 tons
Fuel used: 131,890 GGE Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Sweepers</i>						
City of Austin	Construction equipment	Alternative fuel or vehicles	HEV Diesel	1	885 gal	11.0 tons
Fuel reduced: 800 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Loader</i>						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Austin	Forklifts	Alternative fuel or vehicles	Propane	6	2,517 gal	1.0 tons
Fuel used: 3,694 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Trucksters and forklifts</i>						
City of Austin	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	67	58,085 gal	22.8 tons
Fuel used: 85,256 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Mowers, forklifts</i>						
City of Cedar Park	Forklifts	Alternative fuel or vehicles	Propane	1	30 gal	0.0 tons
Fuel used: 44 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Georgetown	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	2	22 gal	0.0 tons
Fuel used: 66 gal Percentage from coalition: 50% National Clean Fleets Partnership: No						
City of Pflugerville	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	1	181 gal	0.1 tons
Fuel used: 265 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of San Marcos	Forklifts	Alternative fuel or vehicles	Propane	4	290 gal	0.1 tons
Fuel used: 425 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of San Marcos	Other	Alternative fuel or vehicles	Propane	1	645 gal	0.3 tons
Fuel used: 946 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Stripe Machine</i>						
Leander I.S.D.	Forklifts	Alternative fuel or vehicles	Propane	1	82 gal	0.0 tons
Fuel used: 120 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Texas State University	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	6	134 gal	0.1 tons
Fuel used: 392 gal Percentage from coalition: 50% National Clean Fleets Partnership: No						
The University of Texas at Austin	Recreational equipment	Alternative fuel or vehicles	Electric	214	573 gal	2.3 tons
Fuel used: 13,500 kWh Percentage from coalition: 50% National Clean Fleets Partnership: No						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
The University of Texas at Austin	Construction equipment	Alternative fuel or vehicles	Propane	16	5,668 gal	2.2 tons
Fuel used: 16,640 gal Percentage from coalition: 50% National Clean Fleets Partnership: No						
The University of Texas at Austin	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	4	1,630 gal	0.6 tons
Fuel used: 4,784 gal Percentage from coalition: 50% National Clean Fleets Partnership: No						
Travis County	Landscaping and lawn equipment	Alternative fuel or vehicles	Electric	17	50 gal	0.2 tons
Fuel used: 590 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
Travis County	Forklifts	Alternative fuel or vehicles	Electric	1	4 gal	0.0 tons
Fuel used: 51 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
Travis County	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	9	967 gal	0.4 tons
Fuel used: 1,420 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Travis County	Forklifts	Alternative fuel or vehicles	Propane	3	317 gal	0.1 tons
Fuel used: 465 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:				838	289,092 gal	894 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Austin I.S.D.	6 MPG	6 MPG	6	11,197 mi	184 gal	2.3 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Austin I.S.D.	6 MPG	13 MPG	1	5,240 mi	460 gal	5.7 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Plug-in Hybrid school bus						
Total:			7	16,437 mi	645 gal	8 tons

IDLE REDUCTION

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Bastrop I.S.D.	80	360 mins/day 180 days/year	0 gal/hr	21,032 gal	260.8 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 50% National Clean Fleets Partnership: No Idle reduction software on all buses					
Eanes ISD	25	10 mins/day 180 days/year	0 gal/hr	330 gal	4.1 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No					
Leander I.S.D	254	15 mins/day 180 days/year	0 gal/hr	5,029 gal	62.4 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No					
Total:	359			26,391 gal	327 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	-	-
E85 - 85% Ethanol	-	-
Electric Charging Outlets	87	10
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	-	-
Total:	87	10

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
LSCFA Board of Directors Meetings	01/04/2017, 04/05/2017, 07/05/2017, 10/04/2017	Meeting - Other	100%	6
Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: LSCFA Board of Directors Meeting				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Alt Fuel Vehicle and Fuel Safety Training in Temple, Texas Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Government <i>Partnered with Virginia Clean Cities</i>	02/01/2017	Workshop held by coalition	50%	60
Clean Air Force Board Meetings Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, General Public, Government, Private Fleets, Transit, Utility	02/02/2017, 11/01/2017	Meeting - Stakeholder	25%	40
Energy Independence Week Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government	02/12/2017, 02/13/2017, 02/14/2017, 02/15/2017	Conference participation	75%	35
Legislative Luncheon Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: General Public, Government, Private Fleets, Utility	03/02/2017	Workshop held by coalition	100%	51
Clean Air Force Ozone Season Kickoff Breakfast Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Transit, Utility	05/01/2017	Workshop held by coalition	75%	20
VW Settlement Webinar with Mayor Adler Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste <i>Hosted by Mayor Adler & Council Member Kitchen</i>	05/31/2017	Meeting - Stakeholder	75%	55
Local Legislator Outreach Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Government <i>Disseminated information to City Councils & County Judges & Staffers about LSCFA and invitations to Fleet Day at the Track ride & drive and First Responder Training AFV Vehicle Viewing. Electronical & hard copy information and phone and email invites.</i>	06/06/2017, 07/14/2017	Meeting - Other	100%	35
Meeting with Pinnacle Propane Technology: Propane Audience: Airport, Delivery, Government, Private Fleets <i>Discuss propane use and outreach.</i>	06/20/2017	Meeting - Stakeholder	100%	1
Clean Air Champion Award presented to Texas Legislators Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste <i>LSCFA presented "Clean Air Champion Award"</i>	06/22/2017, 12/19/2017	Meeting - Stakeholder	100%	131
Fleet Day at the Track at the Circuit of the Americas Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste	06/22/2017	Workshop held by coalition	100%	125
VW Settlement workshop Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Government, Private Fleets <i>LSCFA Clean Cities presentation - "Available Alt Fuel Technologies under VW Settlement"</i>	06/26/2017	Conference participation	75%	125

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
First Responder Train the Trainer Workshops Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Government, Private Fleets <i>Worked with North Central Texas Council of Governments; NAFTC provided class materials and a trainer.</i>	07/25/2017, 07/26/2017	Workshop held by coalition	100%	14
Texas Natural Gas Foundation's Legislative Update and VW Settlement Conference Technology: Natural gas vehicles Audience: Government, Private Fleets	07/27/2017	Conference participation	50%	95
Lone Star Clean Fuels Alliance Monthly Newsletter Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: General Public, Government, Private Fleets, Transit, Utility, Waste	10/04/2017, 11/03/2017, 12/05/2017	Advertisement	100%	180
Outreach to Texas State Energy Conservation Office Technology: Electric vehicles, Fuel economy improvements, Propane Audience: Government	10/23/2017	Meeting - Stakeholder	100%	1
Clean Air Coalition Awards Luncheon Technology: Fuel economy improvements, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Government, Private Fleets, Transit, Utility	11/15/2017	Meeting - Stakeholder	50%	55
Outreach to Capital Area Council of Governments Technology: Fuel economy improvements, Idle reduction, Vehicle miles traveled reduction Audience: Government	12/05/2017	Meeting - Stakeholder	100%	5
Outreach to Texas Natural Gas Foundation Technology: Natural gas vehicles Audience: Other	12/05/2017	Meeting - Stakeholder	100%	1
Conference of Urban Counties - VW Settlement Workshop Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Government, Private Fleets	12/13/2017	Meeting - Stakeholder	50%	40
Fleet Managers Brown Bag Luncheon Technology: Biodiesel, E85, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane Audience: Airport, Government, Private Fleets	12/14/2017	Workshop held by coalition	100%	15
Total:				1,090

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2017	Matching Funds Spent in 2017	Total Project Funding Spent in 2017
North Central Texas Council of Governments Length of grant: 2 Year grant began: 2016 Sources of the grant: Department of Energy Partners: NAFTC provided trainers and manuals for both courses Technologies: CNG - Compressed Natural Gas, Electricity, LNG - Liquefied Natural Gas, Propane Purpose: Train the Trainer for First Responders at highway incidents involving alt fuel vehicles <i>Lone Star coordinated, marketed and hosted the training in August, 2016 and July, 2017.</i>	\$25,200	\$6,300	\$31,500	\$12,600	\$3,150	\$15,750

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2017	Matching Funds Spent in 2017	Total Project Funding Spent in 2017
Texas Commission on Environmental Quality	\$400,000	\$0	\$400,000	\$123,500	\$0	\$123,500
Length of grant: 2 Year grant began: 2017 Sources of the grant: State Government Partners: City of Austin Technologies: CNG - Compressed Natural Gas Purpose: Upgrade and expand CNG fueling station <i>Funds were added to Fleet Services Capital Budget for 2017</i>						
Total:	\$425,200	\$6,300	\$431,500	\$136,100	\$3,150	\$139,250