

2017 Transportation Technology Deployment Report:

Houston-Galveston Clean Cities

Expanded Edition

March 2018

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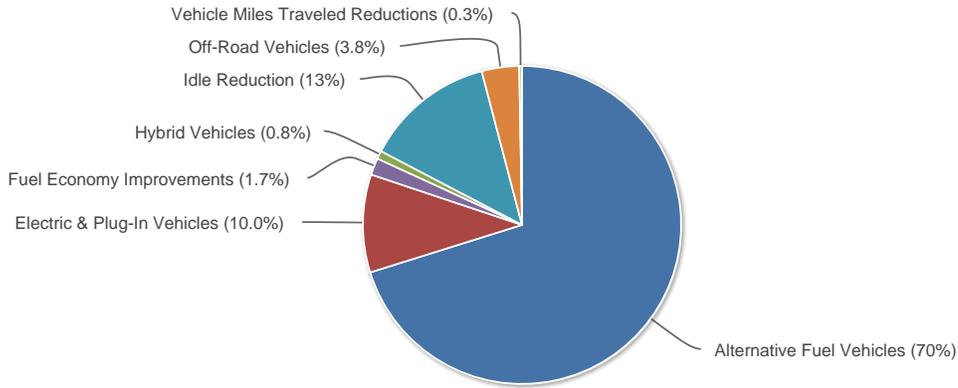
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and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

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

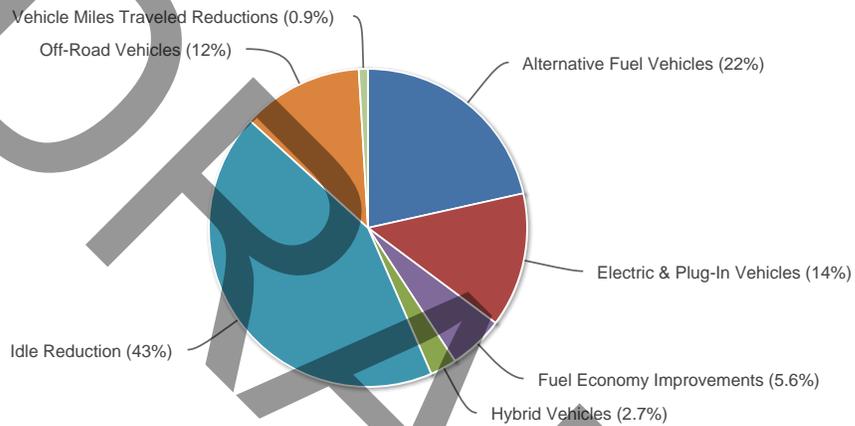
2017 Gallons of Gasoline Equivalent Reduced

31,605,831 gallons

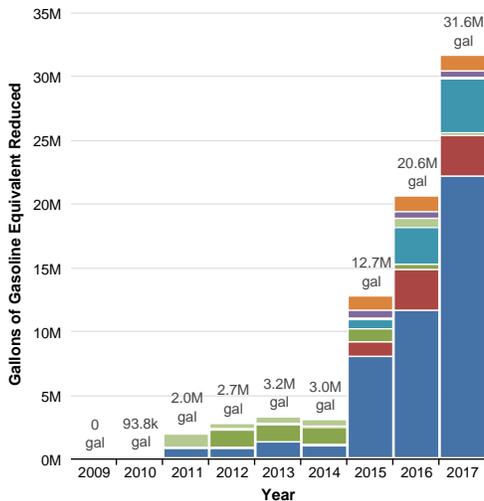


2017 Greenhouse Gas Emissions Reduced

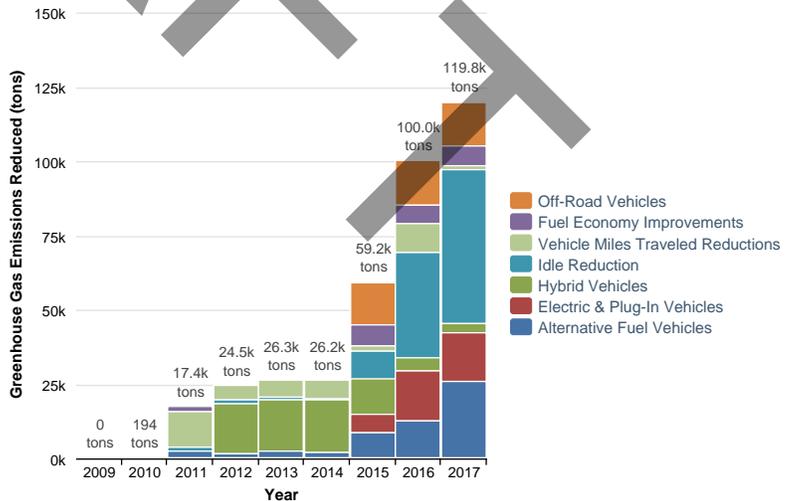
119,757 tons



Historical Gallons of Gasoline Equivalent Reduced

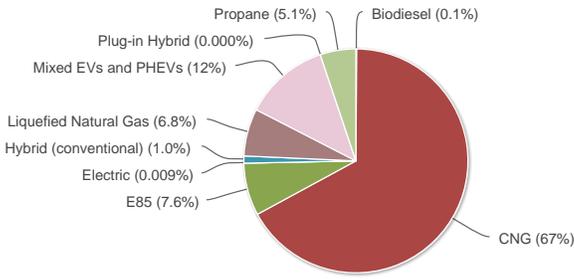


Historical Greenhouse Gas Emissions Reduced



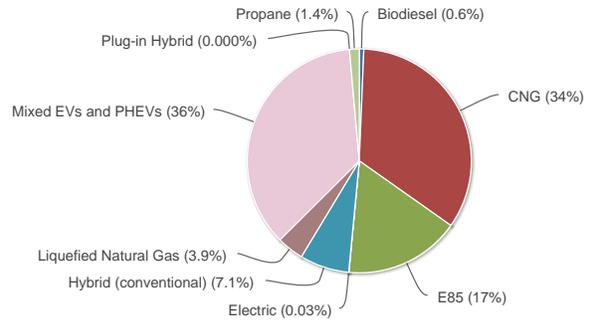
2017 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

25,601,602 gallons



2017 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

45,395 tons



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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. 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. This means that they omit emissions from sources such as electric power plants, refineries, and biofuel feedstock farms (where emissions are sufficiently removed from populations in order to minimize health effects). 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. To learn more about what your emissions numbers mean, please take the Understanding Emissions or Emissions Compliance courses at Clean Cities University.

Reductions by Fuel Type*	NOx	VOC	CO	PM10	PM2.5
Biodiesel	0 lb	0 lb	0 lb	0 lb	0 lb
CNG - Compressed Natural Gas	794,014 lb	2,627 lb	-3,104,406 lb	12 lb	10 lb
E85 - 85% Ethanol	0 lb	448 lb	0 lb	0 lb	0 lb
Electric (all-electric)	49 lb	50 lb	1,040 lb	2 lb	2 lb
Hybrid (conventional)	9,861 lb	464 lb	-4,508 lb	18 lb	14 lb
LNG - Liquefied Natural Gas	103,150 lb	0 lb	-418,183 lb	0 lb	0 lb
Mixed EVs and PHEVs	11,832 lb	20,241 lb	287,339 lb	451 lb	417 lb
Plug-in Hybrid	2 lb	3 lb	53 lb	0 lb	0 lb
Propane	56,829 lb	-8,587 lb	-229,067 lb	76 lb	39 lb
VMT Reduction (Diesel)	4,767 lb	99 lb	599 lb	138 lb	34 lb
VMT Reduction (Gasoline)	86 lb	137 lb	2,463 lb	34 lb	8 lb
Total:	980,589 lb	15,481 lb	-3,464,670 lb	732 lb	523 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.

COALITION

Houston-Galveston Clean Cities - TX

<http://www.houston-cleancities.org/>

Designated: 09/04/1997

Boundaries: Counties: Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, Waller; Cities of Houston and Galveston

COORDINATORS

	Address	Telephone	Fax
Shelley Whitworth	3555 Timmons Ln, Ste 120 PO Box 22777 (77227) Houston, TX 77027		
Number of coordinators			1
Coordinator(s) hours per week on Clean Cities			30 hours
Other staff hours per week on Clean Cities			20 hours
How long have you been the coordinator?			1 years

OPERATING INFORMATION

Host organization	Council of Governments (COG), Municipal Planning Organization (MPO), or Regional Planning Commission (RPC)
Stakeholders	
Number of stakeholders	130
Number of private stakeholders	110
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?	Online questionnaire to stakeholders (SurveyMonkey, Google Forms, etc)
Has your coalition registered with www.grants.gov ?	Yes

2017 Outside Funding

Stakeholder dues collected	\$0
How much funding is obtained from other sources to cover coalition operating expenses?	\$200
Non-DOE or ARRA grant and matching funds spent in 2017	\$2,997,596
Total non-DOE or ARRA funding in 2017	\$2,997,796

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Air Products	Heavy-Duty	CNG	5	100% of time	100,965 gal	85.0 tons
<p>Miles traveled per vehicle: 91,250 mi Average vehicle fuel economy: 5 MPGde Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Survey response from Trevor Butler.</p>						
Alvin ISD - Buses	Heavy-Duty	Propane	115	359,239 gal	244,750 gal	95.9 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Completed by Mark Swackhamer.</p>						
Alvin ISD - Vans	Light-Duty	Propane	11	8,657 gal	5,243 gal	7.4 tons
<p>Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 80% National Clean Fleets Partnership: No Survey completed by Mark Swackhamer 2/18. Van information via Clean Vehicles database.</p>						
ampCNG LLC (AMP Trillium LLC)	Heavy-Duty	CNG	760	10,500,000 GGE	9,450,000 gal	7,956.9 tons
<p>Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Survey response by Jim Waddle.</p>						
Angleton ISD	Heavy-Duty	Propane	7	20,730 gal	7,062 gal	2.8 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 50% National Clean Fleets Partnership: No Survey Completed by Wes Forbes 2/18.</p>						
Apple Towing Co.	Heavy-Duty	CNG	12	20,190 GGE	14,537 gal	12.2 tons
<p>Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles database. Dave Huber reported 12 trucks with the total CNG usage of 9476 MCF (74764 gallons) via email 2/26/16.</p>						
Argos	Heavy-Duty	CNG	20	93,169 GGE	67,081 gal	56.5 tons
<p>Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki</p>						
BFI Waste Services of Texas	Heavy-Duty	CNG	6	100% of time	16,158 gal	13.6 tons
<p>Miles traveled per vehicle: 9,431 mi Average vehicle fuel economy: 3 MPGde Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 80% National Clean Fleets Partnership: No Reported from Clean Vehicles database by Cameron J. Stawicki 3/18.</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Boyer Inc.	Heavy-Duty	CNG	25	18,000 GGE	12,960 gal	10.9 tons
Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database - Cameron Stawicki - last contact Mark Boyer reported via email 2/17/16.</i>						
Brazos Transit District	Light-Duty	Propane	6	19,609 gal	3,711 gal	5.2 tons
Market: Commuters Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 25% National Clean Fleets Partnership: No <i>Survey response Alivia Youree 2/18.</i>						
Building Products Transport	Heavy-Duty	CNG	7	67,000 GGE	60,300 gal	50.8 tons
Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey completed by Matt Lincoln 2/18.</i>						
City of Houston	Light-Duty	E85	1,923	3,362,605 gal	1,943,586 gal	7,581.9 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey Completed by Marchelle Cain 2/18.</i>						
City of Houston - Heavy Duty	Heavy-Duty	CNG	2	3,665 GGE	3,299 gal	2.8 tons
Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey completed by Marchelle Cain 2/18.</i>						
City of Houston - Light Duty	Light-Duty	Propane	4	100% of time	2,500 gal	3.5 tons
Miles traveled per vehicle: 7,500 mi Average vehicle fuel economy: 12 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey completed by Marchelle Cain 2/18.</i>						
City of Lake Jackson	Heavy-Duty	CNG	43	96,000 GGE	86,400 gal	72.7 tons
Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey completed by Gaye Shockley 2/18.</i>						
City of Lake Jackson	Light-Duty	CNG	23	34,200 GGE	32,490 gal	42.1 tons
Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey completed by Gaye Shockley 2/18.</i>						
Clean Energy Baytown Flying J Station	Heavy-Duty	LNG	400	142,410 gal	68,288 gal	68.5 tons
Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported using Clean Vehicles project database - project 2008-032-TRIM.</i>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Clear Creek ISD	Heavy-Duty	CNG	54	465,000 GGE	418,500 gal	352.4 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Ken Winters 2/18.</p>						
Clear Creek ISD	Heavy-Duty	Propane	53	90 gal	61 gal	0.0 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Ken Winters 2/18.</p>						
CNG 4 America - Maintenance Vehicles	Light-Duty	CNG	5	25,000 GGE	23,750 gal	30.8 tons
<p>Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Confirmed with Robin Cox on 2/18.</p>						
CNG Energy Partners - CNG Stations	Light-Duty	CNG	300	3,000 GGE	713 gal	0.9 tons
<p>Market: General/Unknown Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki</p>						
CNG Energy Partners - CNG Stations	Light-Duty	CNG	300	100% of time	142,862 gal	185.1 tons
<p>Miles traveled per vehicle: 11,048 mi Average vehicle fuel economy: 23 MPGge Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Survey was completed by Robin Cox 2/18.</p>						
Columbia-Brazoria ISD	Heavy-Duty	Propane	11	19,130 gal	13,033 gal	5.1 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki 3/18.</p>						
Conroe ISD	Heavy-Duty	Propane	36	100% of time	103,566 gal	40.6 tons
<p>Miles traveled per vehicle: 13,000 mi Average vehicle fuel economy: 4 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki</p>						
Damon ISD	Heavy-Duty	Propane	3	25,000 gal	17,033 gal	6.7 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Kandace Delaney 2/18.</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Dickinson ISD	Heavy-Duty	Propane	52	165,434 gal	56,355 gal	22.1 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 50% National Clean Fleets Partnership: No Survey completed by STEVE LLOYD II 2/18.</p>						
DX Transportation	Heavy-Duty	CNG	2	100% of time	19,840 gal	16.7 tons
<p>Miles traveled per vehicle: 31,379 mi Average vehicle fuel economy: 4 MPGde Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki</p>						
Fort Bend ISD	Heavy-Duty	CNG	30	10,000 GGE	9,000 gal	7.6 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Chuck Svoboda 2/18.</p>						
Freedom CNG	Light-Duty	CNG	2	2,501 GGE	2,376 gal	3.1 tons
<p>Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed Roger Oldigs 2/18.</p>						
Freedom CNG Station	Light-Duty	CNG	550	2,060,000 GGE	1,957,000 gal	2,535.3 tons
<p>Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Roger Oldigs 2/18.</p>						
Friendswood ISD	Light-Duty	Propane	1	924 gal	699 gal	1.0 tons
<p>Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Dean Lewis.</p>						
Friendswood ISD - Buses	Heavy-Duty	Propane	15	35,914 gal	24,468 gal	9.6 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Dean Lewis 2/18.</p>						
Frito-Lay - Heavy-duty CNG	Heavy-Duty	CNG	36	692,655 GGE	623,390 gal	524.9 tons
<p>Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes Frito-Lay Division Data Only</p>						
Green's Blue Flame Gas Company, Inc	Light-Duty	Propane	16	54,900 gal	41,559 gal	58.7 tons
<p>Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Brian Green 2/18.</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
HEB Grocery	Heavy-Duty	LNG	4	53,318 gal	31,959 gal	32.1 tons
Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Mike Moynahan 2/18.						
Houston Distributing Company- Heavy Trucks	Heavy-Duty	CNG	33	537,053 GGE	483,348 gal	407.0 tons
Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Ken Garland 2/18.						
Houston Distributing Company- Pickup/SUV/Van	Light-Duty	CNG	120	155,026 GGE	147,275 gal	190.8 tons
Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Survey submitted by Ken Garland on 2/18.						
Houston ISD - Buses	Heavy-Duty	Propane	163	558,239 gal	380,328 gal	149.1 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Completed by Andres Monte on 2/18						
Houston ISD - Light Duty	Light-Duty	Propane	20	69,347 gal	52,496 gal	74.2 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Completed by Andres Monte on 2/18.						
Humble ISD - CNG	Heavy-Duty	CNG	37	12,000 GGE	10,800 gal	9.1 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Ariel Rodriquez 2/18.						
Humble ISD - Propane	Heavy-Duty	Propane	47	100% of time	99,055 gal	38.8 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Ariel Rodriquez 2/18.						
Lodge Lumber Co.	Heavy-Duty	CNG	3	30,000 GGE	27,000 gal	22.7 tons
Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by J.W. Lodge 2/18.						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
METRO - Shuttle	Heavy-Duty	CNG	7	35,402 GGE	31,862 gal	26.8 tons
<p>Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Edmond Petry 2/18.</p>						
METRO - Transit Buses	Heavy-Duty	CNG	50	994,074 GGE	894,667 gal	753.3 tons
<p>Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Edmond Petry 2/18.</p>						
NASA	Light-Duty	E85 (blender pump)	2	25% of time	193 gal	0.8 tons
<p>Miles traveled per vehicle: 11,048 mi Average vehicle fuel economy: 17 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Syreeta Watkins 2/18.</p>						
New South Parking	Heavy-Duty	CNG	30	220,000 GGE	198,000 gal	166.7 tons
<p>Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki</p>						
NOVUS Wood Group - Heavy	Heavy-Duty	CNG	2	16,337 GGE	14,703 gal	12.4 tons
<p>Market: General/Unknown Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Roger Oldigs 2/18.</p>						
NOVUS Wood Group - Light	Light-Duty	CNG	5	5,920 GGE	5,624 gal	7.3 tons
<p>Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Roger Oldigs 2/18.</p>						
Parking Company of America	Heavy-Duty	CNG	2	12,000 GGE	2,700 gal	2.3 tons
<p>Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 25% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki</p>						
Park N Fly	Heavy-Duty	CNG	11	30,000 GGE	21,600 gal	18.2 tons
<p>Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 80% National Clean Fleets Partnership: No Survey completed by Dustin Hoepfner 2/18.</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Petroleum Express Inc	Heavy-Duty	Biodiesel (20%)	15	156,010 gal	33,261 gal	291.3 tons
<p>Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki</p>						
Santa Fe ISD	Heavy-Duty	CNG	7	12,779 GGE	11,501 gal	9.7 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by Terry Dickey 2/18.</p>						
Schwan's - Medium-duty Propane	Heavy-Duty	Propane	20	86,005 gal	58,595 gal	23.0 tons
<p>Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes</p>						
Sheldon ISD	Heavy-Duty	Propane	6	20,312 gal	13,839 gal	5.4 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki</p>						
SILVER EAGLE DISTRIBUTORS	Heavy-Duty	CNG	15	43,339 GGE	39,005 gal	32.8 tons
<p>Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by ED PRITCHARD 2/18.</p>						
SILVER EAGLE DISTRIBUTORS	Light-Duty	CNG	65	100% of time	34,283 gal	44.4 tons
<p>Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Survey completed by ED PRITCHARD 2/18.</p>						
Southern Foods Group, LLC (d/b/a Oak Farms Dairy)	Heavy-Duty	CNG	64	100% of time	334,706 gal	281.8 tons
<p>Miles traveled per vehicle: 36,040 mi Average vehicle fuel economy: 6 MPGge Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No</p>						
Southern Foods Group, LLC (dba Oak Farms Dairy)	Heavy-Duty	CNG	64	191,000 GGE	137,520 gal	115.8 tons
<p>Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 80% National Clean Fleets Partnership: No Reported online by Michael Ahart 3/2/16.</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Southern Star Leasing	Heavy-Duty	CNG	20	100% of time	45,841 gal	38.6 tons
Miles traveled per vehicle: 17,090 mi Average vehicle fuel economy: 7 MPGde Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Reported using Clean Vehicles database - Cameron Stawicki 3/18.						
Spring Branch ISD	Heavy-Duty	Propane	68	237,290 gal	80,833 gal	31.7 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 50% National Clean Fleets Partnership: No Survey submitted by Robert Lipkind 2/18						
Sprint Waste Services LP	Heavy-Duty	CNG	5	23,449 GGE	21,104 gal	17.8 tons
Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
TXDOT - CNG	Light-Duty	CNG	20	100% of time	7,098 gal	9.2 tons
Miles traveled per vehicle: 12,138 mi Average vehicle fuel economy: 17 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						
TXDOT - Propane	Light-Duty	Propane	30	100% of time	10,647 gal	15.1 tons
Miles traveled per vehicle: 12,138 mi Average vehicle fuel economy: 17 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No						
UPS - Heavy-duty LNG	Heavy-Duty	LNG	70	2,758,296 gal	1,653,323 gal	1,658.3 tons
Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
UPS - Heavy-duty Propane	Heavy-Duty	Propane	33	131,941 gal	89,892 gal	35.2 tons
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
VNG.CO	Light-Duty	CNG	2	1,000 GGE	950 gal	1.2 tons
Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Clean Vehicles Database - Cameron Stawicki						
Waste Connections of Texas, LLC	Heavy-Duty	CNG	24	100% of time	265,553 gal	223.6 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGde Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No Clean Vehicles Inventory						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Waste Corporation of Texas	Heavy-Duty	CNG	40	587,009 GGE	422,646 gal	355.9 tons
Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database - Cameron Stawicki</i>						
Waste Management - Conroe	Heavy-Duty	CNG	65	100% of time	359,602 gal	302.8 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGde Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 50% National Clean Fleets Partnership: No <i>Quarterly information provided by Scott Graefing of Waste Management of 3/21/2017</i>						
Waste Management - Conroe Fueling Station	Heavy-Duty	CNG	140	100% of time	341,781 gal	287.8 tons
Miles traveled per vehicle: 25,594 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No <i>Quarterly information provided by Scott Graefing of Waste Management of 3/21/2017</i>						
WCA Waste	Heavy-Duty	CNG	54	236,554 GGE	212,899 gal	179.3 tons
Market: Utility Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey completed by David Dominguez 2/18.</i>						
Wood Fuel	Heavy-Duty	CNG	2	27,636 GGE	24,872 gal	20.9 tons
Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey completed by Billy Holt 2/18.</i>						
Total:			6,200		22,174,893 gal	25,762 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
CITY OF BAYTOWN	Light-Duty	HEV	5	30 gal	0.4 tons
Average vehicle fuel economy: 42 MPG Miles traveled per vehicle per year: 5,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by David Oyler 2/18.</i>					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Galveston Average vehicle fuel economy: 22 MPG Miles traveled per vehicle per year: 4,816 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by David Smith 2/18.</i>	Light-Duty	HEV	1	16 gal	0.2 tons
City of Houston - All-Electric Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 2,500 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Marchelle Cain 2/18.</i>	Light-Duty	Electric	26	1,857 gal	9.7 tons
City of Houston - Charging Infrastructure - Level 2 Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Marchelle Cain 2/18.</i>	Light-Duty	EV-PHEV	9,896	3,150,672 gal	16,375.6 tons
City of Houston - Hybrids Average vehicle fuel economy: 55 MPG Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Marchelle Cain 2/18.</i>	Light-Duty	HEV	325	89,484 gal	1,102.2 tons
City of Lake Jackson Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 800 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Gaye Shockley 2/18</i>	Light-Duty	HEV	1	14 gal	0.2 tons
CNG Energy Partners Electricity used: 10,000 kWh Market: General/Unknown Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Unable to confirm 2017 numbers.</i>	Light-Duty	EV-PHEV	100	357 gal	1.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Electric Interstate Highway Standards Association Inc - Electric Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 10,000 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Norman Whitton 2/18.</i>	Light-Duty	Electric	2	216 gal	1.1 tons
Electric Interstate Highway Standards Association Inc - Hybrids Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 10,000 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Norman Whitton 2/18.</i>	Light-Duty	HEV	1	45 gal	0.6 tons
Electric Interstate Highway Standards Association Inc - Plug in Hybrid Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 10,000 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Norman Whitton 2/18.</i>	Light-Duty	PHEV	1	36 gal	0.2 tons
Houston ISD - Car Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Cymetria Dillard 2/18.</i>	Light-Duty	HEV	45	9,000 gal	110.9 tons
Houston ISD - Van Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 12,138 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey Completed by Cymetria Dillard 2/18.</i>	Light-Duty	HEV	7	2,137 gal	26.3 tons
Houston METRO - light duty hybrids Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 9,190 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 60% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey response from Edmund Petry not in this survey.</i>	Light-Duty	HEV	28	3,596 gal	44.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
METRO - Shuttle Average vehicle fuel economy: 5 MPG Miles traveled per vehicle per year: 22,829 mi Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Edmund Petry 2/18.</i>	Heavy-Duty	HEV	122	62,779 gal	773.3 tons
NASA Electricity used: 200 kWh Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Syreeta Watkins 2/18.</i>	Light-Duty	Electric	2	29 gal	0.1 tons
Port of Houston Authority Average vehicle fuel economy: 32 MPG Miles traveled per vehicle per year: 10,000 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Bridget Kramer 2/18.</i>	Light-Duty	HEV	1	270 gal	3.3 tons
Port of Houston Authority Average vehicle fuel economy: 46 MPG Miles traveled per vehicle per year: 4,500 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Bridget Kramer 2/18.</i>	Light-Duty	HEV	1	94 gal	1.2 tons
Spring ISD Average vehicle fuel economy: 8 MPG Miles traveled per vehicle per year: 14,176 mi Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed Kevin Kreitz 2/18.</i>	Heavy-Duty	HEV	1	529 gal	6.5 tons
Sunrise Ridge Holdings Inc Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 15,000 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	1	162 gal	0.8 tons
The Woodlands Township Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,287 mi Market: Commuters Vehicle type: Unknown/Other Percentage from coalition: 0% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Survey completed by Chris LaRue 2/18.</i>	Light-Duty	Electric	7	0 gal	0.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
UPS - Medium-duty EV	Heavy-Duty	Electric	18	142 gal	0.6 tons
Electricity used: 1,668 kWh Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes Workplace Charging Challenge:					
UPS - Medium-duty Hybrids	Heavy-Duty	HEV	42	94,907 gal	1,169.0 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:					
<i>UPS indicates that their hybrid vehicles see up to 4x improvement in fuel economy compared to their conventional counterparts.</i>					
Total:			10,633	3,416,372 gal	19,628 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Cheryl K Marine	Ships	Fuel economy improvement	Diesel	1	54,230 gal	672.5 tons
Fuel reduced: 49,012 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Carry over from 2015</i>						
City of Houston	Construction equipment	Idle reduction	Diesel	395	1,040,633 gal	12,904.0 tons
Fuel reduced: 940,499 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Carry over from 2015</i>						
Farrellgas	Forklifts	Alternative fuel or vehicles	Propane	1	55 gal	0.0 tons
Fuel used: 100 gal Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Carry over from 2015</i>						
*J.A.M. Distributing	Ships	Fuel economy improvement	Diesel	1	39,456 gal	489.3 tons
Fuel reduced: 35,659 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Need to confirm the updates for 2016</i>						
Port of Houston Authority	Other	Fuel economy improvement	Diesel	5	55,092 gal	683.2 tons
Fuel reduced: 49,791 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Ken Gathright reported online on 2/18.</i>						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Port of Houston Authority	Forklifts	Alternative fuel or vehicles	Propane	4	545 gal	0.2 tons
Fuel used: 800 gal Percentage from coalition: 100% National Clean Fleets Partnership: No Confirmed with Ken Gathright 2/18						
Southeastern Freight Lines, Inc.	Forklifts	Alternative fuel or vehicles	Propane	55	9,709 gal	3.8 tons
Fuel used: 57,000 gal Percentage from coalition: 25% National Clean Fleets Partnership: No Survey completed by Chip Sheely 2/18.						
TxDOT	Forklifts	Alternative fuel or vehicles	Propane	1	29 gal	0.0 tons
Fuel used: 43 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:				463	1,199,749 gal	14,753 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
All American Fleet	5 MPG	5 MPG	2	6,081 mi	122 gal	1.5 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Clean Vehicles database 3/6						
A.S.A.P. Masonry Supply	7 MPG	7 MPG	2	40,650 mi	422 gal	5.2 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Reported using Clean Vehicles project database:						
Azteca Gunite Co. Inc.	5 MPG	5 MPG	4	53,706 mi	746 gal	9.2 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Reported using Clean Vehicles Database						
BlueLine Rental	4 MPG	4 MPG	1	7,158 mi	186 gal	2.3 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Reported using Clean Vehicles Database						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Boyer Inc. Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported from Clean Vehicles database.</i>	3 MPG	4 MPG	1	3,295 mi	309 gal	3.8 tons
Brazoria County Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported using Clean Vehicles Database.</i>	4 MPG	5 MPG	2	4,317 mi	318 gal	3.9 tons
Brazosport Environmental & Recycling Inc. (subsidiary of Sprint Waste) Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported using Clean Vehicles Database.</i>	3 MPG	5 MPG	4	32,400 mi	16,614 gal	206.0 tons
Brazosport ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported using Clean Vehicles project database.</i>	5 MPG	7 MPG	15	13,181 mi	10,696 gal	132.6 tons
Cherry Concrete Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicle database.</i>	5 MPG	5 MPG	2	52,452 mi	2,281 gal	28.3 tons
Cherry Concrete Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicle database.</i>	5 MPG	5 MPG	2	52,452 mi	2,281 gal	28.3 tons
CITY OF BAYTOWN Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>	15 MPG	42 MPG	4	5,000 mi	857 gal	10.6 tons

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
City of Houston - Light Duty Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	14 MPG	16 MPG	428	10,000 mi	38,214 gal	470.7 tons
City of Lake Jackson Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	22 MPG	45 MPG	4	15,000 mi	1,394 gal	17.2 tons
City of Lake Jackson Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	18 MPG	40 MPG	4	15,000 mi	2,029 gal	25.2 tons
Conroe ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	4 MPG	6 MPG	25	13,000 mi	33,270 gal	412.6 tons
Crosby ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	4 MPG	7 MPG	7	16,384 mi	10,877 gal	134.9 tons
Danbury ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	6 MPG	7 MPG	1	5,389 mi	128 gal	1.6 tons
Dayton ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	6 MPG	6 MPG	3	18,859 mi	163 gal	2.0 tons

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Dual Green Consulting	5 MPG	6 MPG	30	20,000 mi	36,882 gal	457.3 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>						
DXI Industries, Inc.	6 MPG	7 MPG	10	50,000 mi	5,674 gal	70.4 tons
Method: Tires - Low-rolling resistance Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>						
E-Source Holdings, LLC	4 MPG	4 MPG	1	2,820 mi	73 gal	0.9 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>						
Faust Distributing	6 MPG	7 MPG	5	5,605 mi	1,390 gal	17.2 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>						
First Call Delivery LLC	6 MPG	6 MPG	1	66,197 mi	888 gal	11.0 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported using Clean Vehicles Database.</i>						
Fort Bend County	6 MPG	6 MPG	11	15,419 mi	487 gal	6.0 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>						
Goose Creek ISD	5 MPG	8 MPG	9	15,313 mi	10,166 gal	126.1 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						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
H E B Grocery	7 MPG	7 MPG	125	140,000 mi	80,342 gal	996.3 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
High Island ISD - Bus	6 MPG	8 MPG	1	13,343 mi	510 gal	6.3 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No</p> <p>Clean Vehicles Database.</p>						
High Island ISD - SUV	10 MPG	17 MPG	1	16,904 mi	575 gal	7.1 tons
<p>Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 80% National Clean Fleets Partnership: No</p> <p>Clean Vehicles Database.</p>						
Houston ISD - Biodiesel Buses	4 MPG	7 MPG	32	10,475 mi	31,790 gal	394.2 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No</p> <p>Clean Vehicles Database.</p>						
HTMS Inc.	5 MPG	7 MPG	1	51,575 mi	3,715 gal	46.1 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 80% National Clean Fleets Partnership: No</p> <p>Clean Vehicles Database.</p>						
*Huffman ISD	7 MPG	28 MPG	2	31,537 mi	5,898 gal	73.1 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No</p> <p>Clean Vehicles Database June 7, 2016.</p>						
Hull-Daisetta ISD	4 MPG	4 MPG	2	6,737 mi	350 gal	4.3 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No</p> <p>Clean Vehicles Database.</p>						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
*Humble ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database and Survey.</i>	7 MPG	7 MPG	5	7,414 mi	167 gal	2.1 tons
Isbell Equipment Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	4 MPG	6 MPG	3	22,163 mi	5,163 gal	64.0 tons
Jetco Delivery, Inc. Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	5 MPG	8 MPG	19	20,909 mi	27,446 gal	340.3 tons
Klein ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database.</i>	7 MPG	8 MPG	2	23,704 mi	915 gal	11.3 tons
Lazer Construction Inc. Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database 2016</i>	3 MPG	3 MPG	1	17,741 mi	616 gal	7.6 tons
Liberty ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>	6 MPG	8 MPG	4	10,348 mi	2,221 gal	27.5 tons
Lodge Lumber Co. Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>	12 MPG	15 MPG	1	30,000 mi	553 gal	6.9 tons

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Minola's Place of Texas	15 MPG	19 MPG	1	16,847 mi	189 gal	2.3 tons
<p>Method: Vehicle - Smaller Vehicle class: Light-Duty Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database</p>						
MZTech Inc.	4 MPG	6 MPG	8	30,556 mi	19,635 gal	243.5 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database</p>						
N.E.C. Construction	3 MPG	6 MPG	1	21,004 mi	3,151 gal	39.1 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database</p>						
Orbital Traction	5 MPG	5 MPG	1	50 mi	0 gal	0.0 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 25% National Clean Fleets Partnership: No Clean Vehicles Database</p>						
Overland Express	5 MPG	6 MPG	14	21,195 mi	14,258 gal	176.8 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database</p>						
Park N Fly	8 MPG	8 MPG	26	50,000 mi	9,589 gal	118.9 tons
<p>Method: Telematics Vehicle class: Heavy-Duty Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 80% National Clean Fleets Partnership: No 2017 Survey and Clean Vehicles Database</p>						
Pasadena ISD	4 MPG	7 MPG	14	12,608 mi	15,741 gal	195.2 tons
<p>Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database</p>						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Pearland ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No 2017 Survey and Clean Vehicles Database	4 MPG	6 MPG	3	11,078 mi	2,304 gal	28.6 tons
Southern Foods Group, LLC (dba Oak Farms Dairy) Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database	7 MPG	7 MPG	250	33,000 mi	38,864 gal	481.9 tons
Splendora ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database	6 MPG	8 MPG	4	6,961 mi	1,400 gal	17.4 tons
Sun Coast Resources Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database	5 MPG	6 MPG	5	63,157 mi	7,167 gal	88.9 tons
Tandem Lamarr Trucking & Excavating Inc. Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database	4 MPG	5 MPG	2	14,311 mi	1,600 gal	19.8 tons
Texas City ISD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database	5 MPG	5 MPG	1	9,539 mi	272 gal	3.4 tons
Texas Department of Transportation Method: Telematics Vehicle class: Light-Duty Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database	8 MPG	10 MPG	300	10,000 mi	60,000 gal	739.1 tons

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Texas Serenity Academy	4 MPG	4 MPG	2	5,289 mi	547 gal	6.8 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>						
Texas TransEastern	6 MPG	7 MPG	6	52,347 mi	3,508 gal	43.5 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>						
T & L Leasing	4 MPG	5 MPG	1	7,798 mi	388 gal	4.8 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>						
Tree Connection Inc.	3 MPG	5 MPG	3	25,827 mi	9,144 gal	113.4 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>						
Trimac Transportation	5 MPG	6 MPG	4	74,979 mi	10,277 gal	127.4 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>						
Tri-Star Web Graphics	8 MPG	11 MPG	1	2,568 mi	75 gal	0.9 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>						
Waller ISD	8 MPG	8 MPG	40	8,861 mi	111 gal	1.4 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Clean Vehicles Database</i>						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Walsh & Albert Company, Ltd Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database	5 MPG	9 MPG	1	49,460 mi	3,945 gal	48.9 tons
Winwood Motor Company Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 80% National Clean Fleets Partnership: No Clean Vehicles Database	7 MPG	9 MPG	1	21,020 mi	647 gal	8.0 tons
WOOD AND MULCH SERVICES INC Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 25% National Clean Fleets Partnership: No Clean Vehicles Database	4 MPG	5 MPG	7	25,000 mi	1,579 gal	19.6 tons
Total:			1,473	1,515,980 mi	541,120 gal	6,702 tons

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Air Product Fuel type of vehicles driven less: Diesel Fuel economy of vehicles driven less: 25 MPG Number of vehicles driven less: 25 VMT reduction per vehicle being driven less: 85 mi Percentage from coalition: 25% National Clean Fleets Partnership: No Survey	Route Optimization	Heavy-Duty	24 gal	0.3 tons
asap masonry supply, inc. Fuel saved: 500 gallons Percentage from coalition: 100% National Clean Fleets Partnership: No Survey	Route Optimization	Heavy-Duty	553 gal	6.9 tons
CITY OF BAYTOWN Fuel saved: 7,000 gallons Percentage from coalition: 100% National Clean Fleets Partnership: No Survey	Route Optimization	Heavy-Duty	7,745 gal	96.0 tons
City of Houston Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 30 MPG Number of vehicles driven less: 120 VMT reduction per vehicle being driven less: 525 mi Percentage from coalition: 100% National Clean Fleets Partnership: No Survey	Carpooling	Light-Duty	2,100 gal	25.9 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Galena Park Independent School District Fuel type of vehicles driven less: Diesel Fuel economy of vehicles driven less: 9 MPG Number of vehicles driven less: 4 VMT reduction per vehicle being driven less: 6,000 mi Percentage from coalition: 80% National Clean Fleets Partnership: No	Route Optimization	Heavy-Duty	2,360 gal	29.3 tons
METRO STAR Vanpool Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 8,380 VMT reduction per vehicle being driven less: 25 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Carpooling	Light-Duty	9,337 gal	115.0 tons
Petroleum Express Inc Fuel saved: 4,718 gallons Percentage from coalition: 100% National Clean Fleets Partnership: No	Route Optimization	Heavy-Duty	5,220 gal	64.7 tons
Port of Houston Authority Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 26 MPG Number of vehicles driven less: 35 VMT reduction per vehicle being driven less: 40 mi Fuel type of additional vehicles: Gasoline Fuel economy of additional vehicles: 12 MPG Number of additional vehicles: 5 VMT per additional vehicle: 14,797 mi Percentage from coalition: 100% National Clean Fleets Partnership: No	Vanpooling	Light-Duty	-6,112 gal	-75.3 tons
Southern Foods Group, LLC (dba Oak Farms Dairy) Fuel saved: 40,000 gallons Percentage from coalition: 80% National Clean Fleets Partnership: No	Route Optimization	Heavy-Duty	35,407 gal	439.1 tons
Sprint Waste Services LP Fuel saved: 20,000 gallons Percentage from coalition: 100% National Clean Fleets Partnership: No	Route Optimization	Heavy-Duty	22,129 gal	274.4 tons
Texas Serenity Academy Fuel saved: 256 gallons Percentage from coalition: 100% National Clean Fleets Partnership: No	Route Optimization	Heavy-Duty	283 gal	3.5 tons
Tomball Independent School District Fuel saved: 2,000 gallons Percentage from coalition: 80% National Clean Fleets Partnership: No	Route Optimization	Heavy-Duty	1,770 gal	22.0 tons
TxDOT - Carpooling Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 72 VMT reduction per vehicle being driven less: 2,873 mi Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Based on participants in the TxDOT CAP program.</i>	Carpooling	Light-Duty	7,355 gal	90.6 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
TxDOT - Mass Transit	Mass transit	Light-Duty	915 gal	11.3 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 4 VMT reduction per vehicle being driven less: 5,147 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Based on participants in the TxDOT CAP program.</i>				
TxDOT - Non-motorized	Non-motorized locomotion (e.g., bicycles)	Light-Duty	12 gal	0.1 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 4 VMT reduction per vehicle being driven less: 67 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Based on participants in the TxDOT CAP program.</i>				
TxDOT - Telecommute	Telecommute	Light-Duty	95 gal	1.2 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 1 VMT reduction per vehicle being driven less: 2,143 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Based on participants in the TxDOT CAP program.</i>				
Total:			89,195 gal	1,105 tons

IDLE REDUCTION

Truck Stop Electrification

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
IdleAir - Baytown (Conoco)	17	66 hrs/year	1,232 gal	13.2 tons
Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Confirmed by Evelyn Winther.</i>				
IdleAir - Baytown (Loves)	45	941 hrs/year	46,829 gal	500.6 tons
Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Confirmed by Evelyn Winther.</i>				
Total:	62		48,061 gal	514 tons

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Aldine ISD	715	15 mins/day 191 days/year	2 gal/hr	68,283 gal	846.7 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey Response</i>					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Alvin ISD	200	10 mins/day 180 days/year	0 gal/hr	2,640 gal	32.7 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Response</p>					
Angleton Independent School District	61	360 mins/day 180 days/year	0 gal/hr	32,073 gal	397.7 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Response</p>					
Argos	21	18 mins/day 365 days/year	1 gal/hr	993 gal	12.3 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 80% National Clean Fleets Partnership: No</p>					
asap masonry supply, inc.	2	13 mins/day 260 days/year	1 gal/hr	95 gal	1.2 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
Barbers Hill ISD	45	30 mins/day 177 days/year	1 gal/hr	1,593 gal	19.8 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No Reported by Becky Nelson online 2/1/16.</p>					
Brazosport Independent School District	73	23 mins/day 177 days/year	1 gal/hr	2,477 gal	30.7 tons
<p>Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Response</p>					
Building Products Transport	7	360 mins/day 365 days/year	0 gal/hr	5,979 gal	74.1 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Response</p>					
Central Freight Line	950	60 mins/day 365 days/year	1 gal/hr	277,400 gal	3,439.8 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Truck: Long-Haul Percentage from coalition: 80% National Clean Fleets Partnership: No</p>					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
City of Baytown	300	480 mins/day 208 days/year	2 gal/hr	998,400 gal	12,380.4 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Response					
City of Conroe	58	180 mins/day 180 days/year	1 gal/hr	26,309 gal	326.2 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Other Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Response					
City of Galveston	300	10 mins/day 180 days/year	0 gal/hr	2,808 gal	34.8 tons
Type of project: Other Type of vehicle: Light-Duty Percentage from coalition: 80% National Clean Fleets Partnership: No					
City of Sugar Land	100	20 mins/day 100 days/year	1 gal/hr	2,667 gal	33.1 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 80% National Clean Fleets Partnership: No					
Clear Creek ISD	300	10 mins/day 230 days/year	1 gal/hr	8,907 gal	110.4 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Survey Response					
Columbia-Brazoria ISD	40	15 mins/day 180 days/year	1 gal/hr	720 gal	8.9 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No					
Conroe Independent School District	521	30 mins/day 180 days/year	1 gal/hr	20,753 gal	257.3 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No Engines automatically shut off after 5 minutes. Most drivers have continuous routes that do not require much idling. Addition 2/3/16: Official idle reduction policy in place.					
DXI Industries, Inc.	10	20 mins/day 250 days/year	1 gal/hr	922 gal	11.4 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Long-Haul Percentage from coalition: 100% National Clean Fleets Partnership: No					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Faust Distributing Company	50	30 mins/day 260 days/year	1 gal/hr	5,200 gal	64.5 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 80% National Clean Fleets Partnership: No Reported by Max Faust.</p>					
Fort Bend ISD	450	10 mins/day 177 days/year	1 gal/hr	6,638 gal	82.3 tons
<p>Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
Friendswood Independent School District	12	30 mins/day 176 days/year	1 gal/hr	1,056 gal	13.1 tons
<p>Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Reported by Dean Lewis.</p>					
Galena Park Independent School District	10	10 mins/day 180 days/year	1 gal/hr	150 gal	1.9 tons
<p>Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Estimates used for "Average Days Per Year that Idling Is Reduced" and "Average Gallons of Fuel Saved Per Vehicle Per Hour."</p>					
Galveston ISD	43	15 mins/day 187 days/year	3 gal/hr	6,673 gal	82.7 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
*HEB Grocery	120	14 mins/day 365 days/year	0 gal/hr	3,958 gal	49.1 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Long-Haul Percentage from coalition: 100% National Clean Fleets Partnership: No Mike Moynahan reported through online survey</p>					
Houston Distributing Company	28	40 mins/day 365 days/year	1 gal/hr	7,539 gal	93.5 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Long-Haul Percentage from coalition: 100% National Clean Fleets Partnership: No Reported online by Ken Garland. 'Average days per year that idling is reduced' & 'Average gallons of fuel saved per vehicle per hour by not idling' use default value.</p>					
Houston ISD	1,120	30 mins/day 132 days/year	1 gal/hr	36,960 gal	458.3 tons
<p>Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No Confirmed by Andres Montes via Survey</p>					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Houston ISD	1,120	17 mins/day 180 days/year	1 gal/hr	28,560 gal	354.1 tons
<p>Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>The vehicles includes buses using biodiesel and LPG.</i></p>					
Humble ISD	149	10 mins/day 180 days/year	0 gal/hr	1,967 gal	24.4 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey Response</i></p>					
KIPP Houston Public Schools	202	10 mins/day 175 days/year	32 gal/hr	152,335 gal	1,889.0 tons
<p>Type of project: Driver training Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Survey Response</i></p>					
Klein ISD	296	10 mins/day 180 days/year	0 gal/hr	4,323 gal	53.6 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>same as 2016. reported by Karen.</i></p>					
Lodge Lumber Co.	8	10 mins/day 235 days/year	1 gal/hr	263 gal	3.3 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
Magnolia ISD	148	10 mins/day 180 days/year	0 gal/hr	2,162 gal	26.8 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
METRO	1,223	360 mins/day 305 days/year	1 gal/hr	2,170,947 gal	26,920.2 tons
<p>Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Confirmed by Edmond Petry</i></p>					
MSR Houston	1	30 mins/day 274 days/year	20 gal/hr	2,192 gal	27.2 tons
<p>Type of project: Driver training Type of vehicle: Light-Duty Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Survey Response</i></p>					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
NOVUS Wood Group	2	60 mins/day 250 days/year	1 gal/hr	216 gal	2.7 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 80% National Clean Fleets Partnership: No					
Park N Fly	26	60 mins/day 30 days/year	3 gal/hr	2,340 gal	29.0 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Other Percentage from coalition: 100% National Clean Fleets Partnership: No					
Pearland ISD	125	5 mins/day 180 days/year	0 gal/hr	913 gal	11.3 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No					
Petroleum Express Inc	13	5 mins/day 364 days/year	1 gal/hr	379 gal	4.7 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Other Percentage from coalition: 80% National Clean Fleets Partnership: No					
Santa Fe ISD	48	15 mins/day 180 days/year	1 gal/hr	2,160 gal	26.8 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey Response</i>					
Southern Foods Group, LLC (dba Oak Farms Dairy)	200	360 mins/day 305 days/year	1 gal/hr	158,112 gal	1,960.6 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported online by Michael Ahart 3/2/16. Used prepopulated estimates for Average minutes of idling, Average days per year, and Average gallons of fuel saved. "Use of automatic transmission, speed limiters, driver training, tire inflation systems. I am not able to provide the number of hours or fuel saved specifically as a result any or all of these technologies or training."</i>					
Spring Branch ISD	266	10 mins/day 250 days/year	1 gal/hr	11,083 gal	137.4 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey Response</i>					
Spring ISD	232	30 mins/day 174 days/year	1 gal/hr	20,184 gal	250.3 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Survey Response</i>					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Sprint Waste Services LP	50	30 mins/day 75 days/year	0 gal/hr	622 gal	7.7 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Long-Haul Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Estimated by Jim</i>					
Texas Department of Transportation	300	30 mins/day 300 days/year	2 gal/hr	27,000 gal	334.8 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 30% National Clean Fleets Partnership: No <i>Mike Stollings reported online 2/29/2016.</i>					
Texas Serenity Academy	12	20 mins/day 196 days/year	0 gal/hr	305 gal	3.8 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No					
Tomball ISD	162	10 mins/day 180 days/year	0 gal/hr	2,366 gal	29.3 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No					
Waller Independent School District	90	10 mins/day 176 days/year	1 gal/hr	1,056 gal	13.1 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported by Steve Underhill 1/19/16.</i>					
WCA Waste	230	360 mins/day 365 days/year	1 gal/hr	25,080 gal	311.0 tons
Type of project: Direct heat with thermal storage cooling Type of vehicle: Heavy-Duty - Truck: Refuse Percentage from coalition: 5% National Clean Fleets Partnership: No					
WOOD AND MULCH SERVICES INC	7	30 mins/day 200 days/year	1 gal/hr	470 gal	5.8 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Other Percentage from coalition: 80% National Clean Fleets Partnership: No					
Wood Fuel	2	60 mins/day 250 days/year	1 gal/hr	216 gal	2.7 tons
Type of project: Driver training Type of vehicle: Heavy-Duty - Truck: Delivery Percentage from coalition: 80% National Clean Fleets Partnership: No <i>Reported by Roger Oldigs over the phone 2/3/16.</i>					
Total:	10,448			4,136,442 gal	51,293 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	2	-
E85 - 85% Ethanol	-	-
Electric Charging Outlets	-	-
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	-	-
Total:	2	0

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
M.D. Anderson Cancer Center Outreach <i>Technology:</i> Propane <i>Audience:</i> General Public	01/27/2017	Literature Distribution	100%	1,050
Houston Rockets & Atlanta Basketball <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	02/02/2017	Literature Distribution	100%	15,958
Rice University & University of Texas El Paso Basketball <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	02/28/2017	Literature Distribution	100%	5,000
Houston Rockets & Utah Basketball <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	03/08/2017	Literature Distribution	100%	19,673
Houston Rockets Latin Festival <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	03/08/2017	Literature Distribution	100%	3,500
Houston Rockets & Cleveland Basketball <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	03/12/2017	Literature Distribution	100%	20,562
University of Houston & Texas Southern University Baseball <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	03/22/2017	Literature Distribution	100%	5,000
Houston Rockets & Golden State Basketball <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	03/28/2017	Literature Distribution	100%	19,596
Houston Rockets & Denver Basketball <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	04/05/2017	Literature Distribution	100%	14,770
Houston Rockets & Detroit Basketball <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public	04/07/2017	Literature Distribution	100%	15,979

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Houston Rockets & Minnesota Basketball Technology: Vehicle miles traveled reduction Audience: General Public	04/08/2017	Literature Distribution	100%	14,809
NASA/JSC Safety, Health & Environmental Fair Technology: Vehicle miles traveled reduction Audience: General Public, Government	04/19/2017	Conference participation	100%	300
CBRE Energy & Transportation Fair Technology: Vehicle miles traveled reduction Audience: General Public	04/20/2017	Literature Distribution	100%	150
University of Houston & University of Connecticut Baseball Technology: Vehicle miles traveled reduction Audience: General Public	05/05/2017	Literature Distribution	100%	1,386
VW Settlement Activities and Meetings Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: General Public, Government, Private Fleets, Transit, Other <i>Participation through the year in VW Settlement discussions with various interested parties.</i>	05/09/2017, 06/19/2017, 08/10/2017	Media Event	100%	200
Rice University & Middle Tennessee State University Baseball Technology: Vehicle miles traveled reduction Audience: General Public	05/13/2017	Literature Distribution	100%	2,445
Bike to Work Day Events Technology: Vehicle miles traveled reduction Audience: General Public <i>H-GAC & Parkway Bike to Work Day, Energy Corridor Bike to Work Day, and City of Houston Bike to Work Day.</i>	05/18/2017, 05/19/2017	Literature Distribution	100%	570
City of Houston & Council members regarding CNG Technology: Electric vehicles, Hybrid electric vehicles Audience: Government	05/24/2017	Conference participation	100%	100
Greater Houston Natural Gas Vehicle Alliance Road Rally Technology: Natural gas vehicles Audience: General Public, Transit	06/08/2017	Media Event	100%	500
Gulf Coast Association for Pupil Transportation Technology: Electric vehicles, Propane Audience: Government <i>School bus demonstration at meeting of school bus fleet managers.</i>	06/13/2017	Meeting - Other	20%	50
VW Settlement Workshop Technology: Biodiesel, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: General Public, Government, Transit, Other	06/19/2017	Conference participation	100%	200
Greater Houston Natural Gas Vehicle Association and Natural Gas Clean Cities Stakeholders Technology: Natural gas vehicles Audience: Other	08/10/2017	Meeting - Stakeholder	100%	100

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
KUBE TV & Commute Solutions Football events <i>Technology:</i> Vehicle miles traveled reduction <i>Audience:</i> General Public <i>Distribute Materials and Live appearance</i>	10/12/2017, 11/03/2017	Media Event	100%	4,000
Grand Opening for Alameda Fuels CNG Station <i>Technology:</i> Natural gas vehicles <i>Audience:</i> Private Fleets, Transit	11/02/2017	Media Event	100%	200
Clean Cities Technologies Conference <i>Technology:</i> Biodiesel, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane <i>Audience:</i> Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other	11/14/2017	Workshop held by coalition	100%	70
Total:				146,168

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
FHWA/TxDOT CMAQ <i>Length of grant:</i> 4 <i>Year grant began:</i> 2017 <i>Sources of the grant:</i> Congestion Mitigation and Air Quality Improvement (CMAQ) Program <i>Purpose:</i> HD Diesel Replacement and alternative fuel infrastructure	\$3,040,000	\$700,000	\$3,740,000	\$2,234,154	\$175,000	\$2,409,154
Supplemental Environmental Funds <i>Length of grant:</i> 2 <i>Year grant began:</i> 2017 <i>Sources of the grant:</i> Other Federal Agency <i>Technologies:</i> Biodiesel Blends <i>Purpose:</i> School bus replacement	\$588,442	-	\$588,442	\$588,442	\$0	\$588,442
Total:	\$3,628,442	\$700,000	\$4,328,442	\$2,822,596	\$175,000	\$2,997,596