

2017 Transportation Technology Deployment Report:

San Joaquin Valley Clean Cities

Expanded Edition

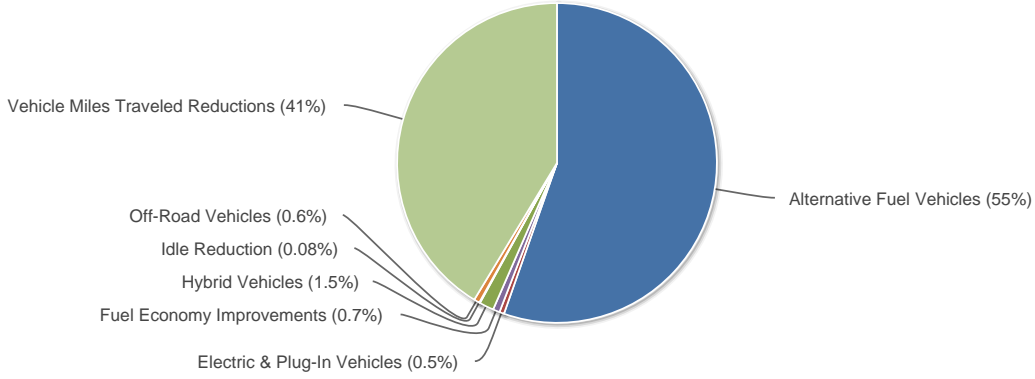
March 2018

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.

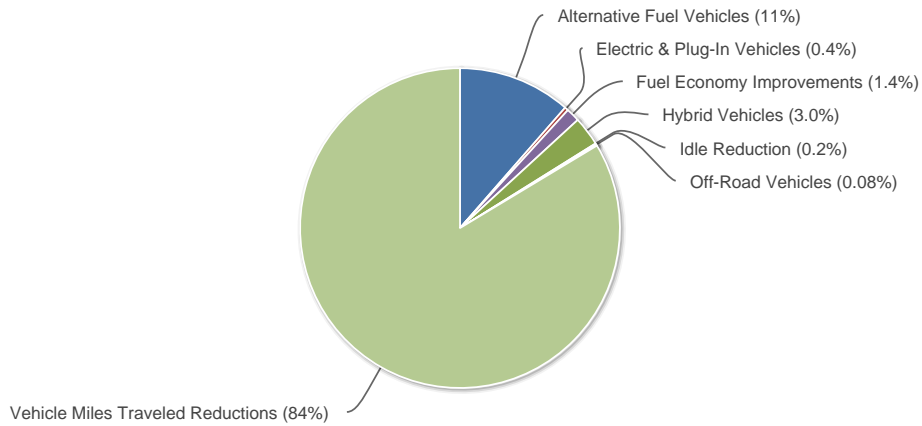
Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory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

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

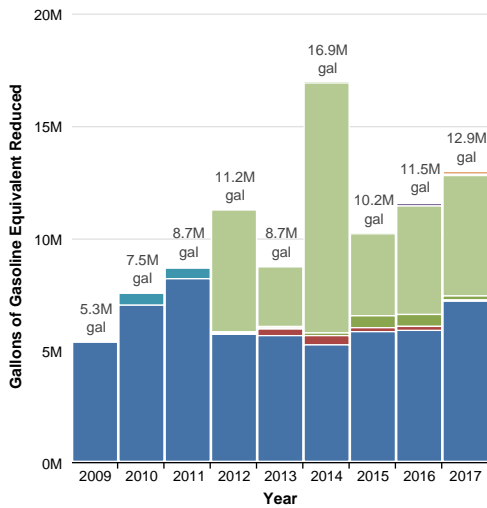
2017 Gallons of Gasoline Equivalent Reduced
12,921,428 gallons



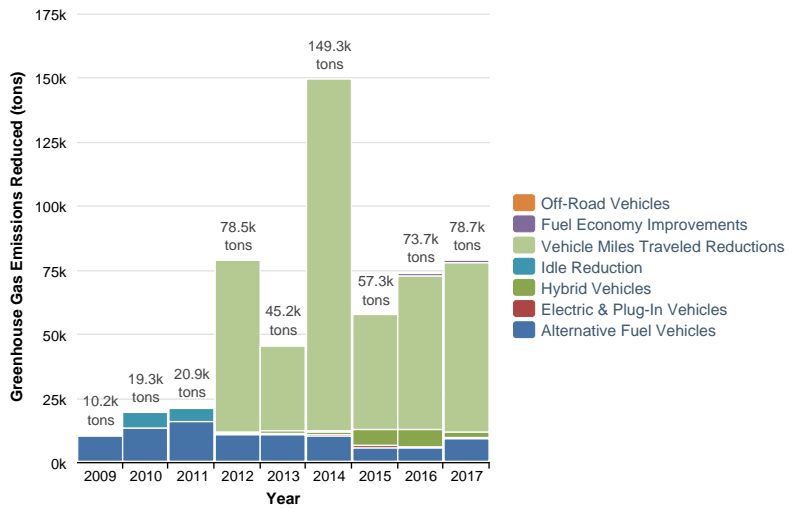
2017 Greenhouse Gas Emissions Reduced
78,660 tons



Historical Gallons of Gasoline Equivalent Reduced

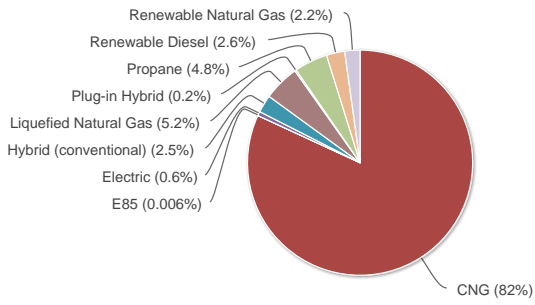


Historical Greenhouse Gas Emissions Reduced



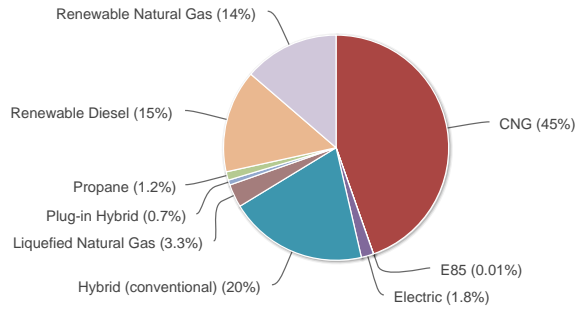
2017 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

7,481,391 gallons



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

11,651 tons



Criteria Pollutant Emissions Reduced

Criteria pollutants are chemicals that have been linked to human health effects and therefore regulated in the Clean Air Act of 1970. 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](http://CleanCitiesUniversity.com).

Reductions by Fuel Type*	NOx	VOC	CO	PM10	PM2.5
CNG - Compressed Natural Gas	236,851 lb	97 lb	-988,881 lb	10 lb	8 lb
E85 - 85% Ethanol	0 lb	1 lb	0 lb	0 lb	0 lb
Electric (all-electric)	2,308 lb	179 lb	1,743 lb	18 lb	17 lb
Hybrid (conventional)	970 lb	372 lb	-388 lb	2 lb	1 lb
LNG - Liquefied Natural Gas	11,047 lb	0 lb	-44,027 lb	0 lb	0 lb
Plug-in Hybrid	55 lb	85 lb	1,556 lb	2 lb	2 lb
Propane	19,644 lb	-1,420 lb	-34,404 lb	135 lb	32 lb
Renewable Diesel	0 lb	0 lb	0 lb	0 lb	0 lb
Renewable Natural Gas	7,751 lb	1 lb	-50,159 lb	0 lb	0 lb
VMT Reduction (Gasoline)	22,346 lb	35,703 lb	640,930 lb	8,964 lb	1,963 lb
Total:	300,972 lb	35,018 lb	-473,631 lb	9,132 lb	2,022 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

San Joaquin Valley Clean Cities - CA

<http://projectcleanair.us/sjvccc/>

Designated: 10/21/1994

Boundaries: Counties: Fresno, Kern, Kings, Madera, Mariposa, Merced, San Joaquin, Stanislaus, Tulare

COORDINATORS

	Address	Telephone	Fax
Linda Urata	c/o Project Clean Air, Inc. 4949 Buckley Way, Suite 206 Bakersfield, CA 93309-5545		

Number of coordinators	1
Coordinator(s) hours per week on Clean Cities	12 hours
Other staff hours per week on Clean Cities	52 hours
How long have you been the coordinator?	18 years

OPERATING INFORMATION

Host organization Nonprofit - Hosted

Stakeholders

Number of stakeholders	335
Number of private stakeholders	30
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes

Explain State Energy Office's support

The California Energy Commission provides incentive and grant funding, often on a competitive basis. Stakeholders may apply for funding.

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, Estimates, 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	\$550
How much funding is obtained from other sources to cover coalition operating expenses?	\$55,641
Non-DOE or ARRA grant and matching funds spent in 2017	\$98,916
Total non-DOE or ARRA funding in 2017	\$155,107

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
California Vanpool Authority (CalVans) Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	CNG	11	17,600 GGE	16,720 gal	21.7 tons
Central Unified School District (Fresno) Miles traveled per vehicle: 17,838 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	19	100% of time	75,001 gal	63.2 tons
City of Bakersfield Miles traveled per vehicle: 10,000 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	LNG	61	100% of time	269,978 gal	270.8 tons
City of Bakersfield Miles traveled per vehicle: 9,000 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Thermal Patch Truck</i>	Heavy-Duty	Propane	2	100% of time	3,018 gal	1.2 tons
City of Clovis Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	25	85,697 GGE	77,127 gal	64.9 tons
City of Delano Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	7	19,302 GGE	17,372 gal	14.6 tons
City of Delano Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	3	2,719 GGE	2,447 gal	2.1 tons
City of Fresno Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	12	22,224 GGE	20,002 gal	16.8 tons
City of Fresno Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	87	812,701 GGE	731,431 gal	615.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Fresno	Heavy-Duty	CNG	108	1,343,344 GGE	1,209,010 gal	1,018.0 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Fresno	Light-Duty	CNG	7	3,865 GGE	3,672 gal	4.8 tons
Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Fresno	Light-Duty	CNG	3	5,923 GGE	5,627 gal	7.3 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Lemoore	Light-Duty	CNG	2	243 GGE	231 gal	0.3 tons
Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Lemoore	Light-Duty	CNG	2	1,345 GGE	1,278 gal	1.7 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Lindsay	Heavy-Duty	CNG	4	100% of time	4,883 gal	4.1 tons
Miles traveled per vehicle: 13,239 mi Average vehicle fuel economy: 12 MPGde Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Lodi	Heavy-Duty	CNG	6	100% of time	30,172 gal	25.4 tons
Miles traveled per vehicle: 22,724 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Lodi	Heavy-Duty	CNG	15	100% of time	53,879 gal	45.4 tons
Miles traveled per vehicle: 22,724 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Lodi	Heavy-Duty	CNG	4	100% of time	8,800 gal	7.4 tons
Miles traveled per vehicle: 13,123 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Madera	Heavy-Duty	CNG	5	100% of time	682 gal	0.6 tons
Miles traveled per vehicle: 1,849 mi Average vehicle fuel economy: 15 MPGde Market: Government - Local Vehicle type: Truck: No Trailer 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 Madera	Heavy-Duty	CNG	12	100% of time	140,755 gal	118.5 tons
Miles traveled per vehicle: 36,043 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Madera	Light-Duty	CNG	13	100% of time	3,974 gal	5.1 tons
Miles traveled per vehicle: 5,503 mi Average vehicle fuel economy: 18 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Madera	Light-Duty	CNG	8	100% of time	2,951 gal	3.8 tons
Miles traveled per vehicle: 11,066 mi Average vehicle fuel economy: 30 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Manteca	Heavy-Duty	CNG	4	100% of time	33,194 gal	27.9 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data						
City of McFarland	Light-Duty	CNG	1	100% of time	360 gal	0.5 tons
Miles traveled per vehicle: 11,244 mi Average vehicle fuel economy: 23 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data						
City of Merced	Heavy-Duty	CNG	5	100% of time	41,493 gal	34.9 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data						
City of Merced	Light-Duty	CNG	4	100% of time	2,046 gal	2.7 tons
Miles traveled per vehicle: 11,712 mi Average vehicle fuel economy: 17 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data						
City of Modesto	Light-Duty	CNG	1	503 GGE	478 gal	0.6 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van 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 Porterville	Heavy-Duty	CNG	13	183,479 GGE	165,131 gal	139.0 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Porterville	Heavy-Duty	CNG	16	98,108 GGE	88,297 gal	74.3 tons
Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Porterville	Light-Duty	CNG	3	6,297 GGE	5,982 gal	7.7 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Vans</i>						
City of Porterville	Light-Duty	CNG	6	3,249 GGE	3,087 gal	4.0 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Pickups</i>						
City of Riverbank	Heavy-Duty	CNG	4	100% of time	12,523 gal	10.5 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 4 MPGde Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Riverbank	Light-Duty	CNG	11	100% of time	20,070 gal	26.0 tons
Miles traveled per vehicle: 14,596 mi Average vehicle fuel economy: 8 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Riverbank	Light-Duty	CNG	4	100% of time	1,882 gal	2.4 tons
Miles traveled per vehicle: 8,000 mi Average vehicle fuel economy: 17 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Tulare	Heavy-Duty	CNG	8	38,500 GGE	34,650 gal	29.2 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Tulare	Heavy-Duty	LNG	6	72,000 gal	43,157 gal	43.3 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Tulare	Heavy-Duty	LNG	21	122,125 gal	73,202 gal	73.4 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 Tulare	Light-Duty	CNG	14	4,000 GGE	3,800 gal	4.9 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Tulare	Light-Duty	CNG	3	100% of time	1,582 gal	2.0 tons
Miles traveled per vehicle: 11,287 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Visalia	Heavy-Duty	CNG	44	100% of time	221,262 gal	186.3 tons
Miles traveled per vehicle: 22,724 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Wasco	Heavy-Duty	CNG	5	100% of time	3,254 gal	2.7 tons
Miles traveled per vehicle: 2,000 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Clovis Unified School District	Heavy-Duty	CNG	32	64,884 GGE	58,396 gal	49.2 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Long standing SJVCCC Stakeholder.</i>						
Clovis Unified School District	Light-Duty	CNG	1	916 GGE	870 gal	1.1 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
County of Kings	Heavy-Duty	CNG	1	2,252 GGE	2,027 gal	1.7 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Class 6 Truck - Paint Striping</i>						
County of Kings	Heavy-Duty	CNG	1	4,820 GGE	4,338 gal	3.7 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Class 6 Truck - Heated-patch truck</i>						
County of Kings	Light-Duty	CNG	12	754 GGE	716 gal	0.9 tons
Market: Government - Local 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
County of San Joaquin	Heavy-Duty	Renewable Diesel	186	170,199 gal	196,410 gal	1,720.4 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Fresno Unified School District	Heavy-Duty	CNG	63	80% of time	104,561 gal	88.0 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data						
Frito-Lay - Heavy-duty CNG	Heavy-Duty	CNG	20	387,754 GGE	348,979 gal	293.8 tons
Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes Frito-Lay Division Data Only						
Fruitvale School District	Heavy-Duty	CNG	2	100% of time	2,728 gal	2.3 tons
Miles traveled per vehicle: 6,163 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Golden Empire Transit	Heavy-Duty	CNG	111	100% of time	943,243 gal	794.2 tons
Miles traveled per vehicle: 48,000 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 80% National Clean Fleets Partnership: No						
Golden Empire Transit	Light-Duty	CNG	1	100% of time	568 gal	0.7 tons
Miles traveled per vehicle: 12,138 mi Average vehicle fuel economy: 17 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 80% National Clean Fleets Partnership: No						
Kern County Superintendent of Schools	Heavy-Duty	CNG	61	100% of time	161,987 gal	136.4 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Kern County Superintendent of Schools	Heavy-Duty	CNG	1	100% of time	1,257 gal	1.1 tons
Miles traveled per vehicle: 7,500 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Kern County Superintendent of Schools	Heavy-Duty	Propane	2	100% of time	4,215 gal	1.7 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						
Kern County Superintendent of Schools	Light-Duty	CNG	2	100% of time	1,170 gal	1.5 tons
Miles traveled per vehicle: 10,000 mi Average vehicle fuel economy: 17 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Kern High School District	Heavy-Duty	CNG	55	100% of time	120,531 gal	101.5 tons
Miles traveled per vehicle: 9,903 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Kern Transit	Heavy-Duty	CNG	15	50% of time	112,030 gal	94.3 tons
Miles traveled per vehicle: 54,000 mi Average vehicle fuel economy: 4 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Kings Area Rural Transit	Heavy-Duty	CNG	23	261,914 GGE	235,723 gal	198.5 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Kings Canyon Unified School District	Heavy-Duty	CNG	31	50,000 GGE	33,750 gal	28.4 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data						
Kings Canyon Unified School District	Light-Duty	CNG	5	800 GGE	570 gal	0.7 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data						
Lemoore Union High School District	Heavy-Duty	CNG	11	18,526 GGE	16,673 gal	14.0 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Lindsay Unified School District	Heavy-Duty	CNG	2	100% of time	3,161 gal	2.7 tons
<p>Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data</p>						
Schwan's - Medium-duty Propane	Heavy-Duty	Propane	23	100,525 gal	68,488 gal	26.8 tons
<p>Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes</p>						
Sierra Foothill Charter School	Heavy-Duty	Propane	1	4,000 gal	2,725 gal	1.1 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Southern California Gas Company	Light-Duty	CNG	4	65% of time	740 gal	1.0 tons
<p>Miles traveled per vehicle: 13,097 mi Average vehicle fuel economy: 23 MPGge Market: Utility Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No</p>						
Southern California Gas Company	Light-Duty	CNG	26	50% of time	5,824 gal	7.5 tons
<p>Miles traveled per vehicle: 16,127 mi Average vehicle fuel economy: 18 MPGge Market: Utility Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No</p>						
Southwest Transportation Agency (SWTA)	Heavy-Duty	CNG	48	72,076 GGE	64,868 gal	54.6 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Standard School District	Heavy-Duty	CNG	2	100% of time	3,983 gal	3.4 tons
<p>Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Tehachapi Unified School District	Light-Duty	CNG	1	100% of time	682 gal	0.9 tons
Miles traveled per vehicle: 11,712 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>Flatbed truck</i>						
United States Postal Service - Bakersfield	Light-Duty	E85	4	10% of time	426 gal	1.7 tons
Miles traveled per vehicle: 22,500 mi Average vehicle fuel economy: 13 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
UPS - Heavy-duty CNG	Heavy-Duty	CNG	128	872,532 GGE	785,279 gal	661.2 tons
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: Yes <i>This includes class 4-6 package delivery trucks and class 7-8 tractors</i>						
UPS - Heavy-duty Propane	Heavy-Duty	Propane	100	399,110 gal	271,914 gal	106.6 tons
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Visalia Unified School District	Heavy-Duty	Renewable Natural Gas	40	180,000 GGE	162,000 gal	1,582.1 tons
Renewable natural gas source: Animal waste Renewable natural gas location: On-site Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Visalia Unified School District	Light-Duty	Renewable Natural Gas	3	1,200 GGE	1,140 gal	11.1 tons
Renewable natural gas source: Animal waste Renewable natural gas location: On-site Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:			1,607		7,156,431 gal	8,981 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Arvin	Light-Duty	Electric	6	2,348 gal	12.2 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 9,000 mi Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Bakersfield Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 3,000 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	22	3,050 gal	15.9 tons
City of Bakersfield Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 8,000 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	2	270 gal	3.3 tons
City of Clovis Miles traveled per vehicle per year: 2,372 mi Market: Government - Local Vehicle type: Motorcycle Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	5	273 gal	1.4 tons
City of Clovis Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 2,500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	13	1,519 gal	7.9 tons
City of Clovis Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 1,726 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	2	149 gal	0.8 tons
City of Clovis Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 5,155 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	3	154 gal	1.9 tons
City of Coalinga Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	1	75 gal	0.4 tons

2015 data

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Corcoran Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	1	75 gal	0.4 tons
City of Corcoran Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	PHEV	2	299 gal	1.6 tons
City of Delano Average vehicle fuel economy: 45 MPG Miles traveled per vehicle per year: 4,912 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	15	1,510 gal	7.8 tons
City of Fresno Average vehicle fuel economy: 5 MPG Miles traveled per vehicle per year: 34,053 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	1	4,022 gal	49.5 tons
City of Fresno Average vehicle fuel economy: 90 MPG Miles traveled per vehicle per year: 6,782 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	13	2,787 gal	34.3 tons
City of Fresno Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 8,791 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	4	884 gal	10.9 tons
City of Hanford Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 8,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	5	724 gal	8.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Hanford Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 8,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	5	600 gal	3.1 tons
City of Lemoore Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 496 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>4 of 7 vehicles are currently inoperable. Only 3 are currently in use.</i>	Light-Duty	Electric	3	298 gal	1.5 tons
City of Lindsay Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 13,116 mi Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Street legal half ton trucks</i>	Heavy-Duty	Electric	3	5,962 gal	23.9 tons
City of Lindsay Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 10,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	2	924 gal	4.8 tons
City of Lindsay Average vehicle fuel economy: 20 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:	Light-Duty	HEV	2	405 gal	5.0 tons
City of Lindsay Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 10,614 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	8	845 gal	10.4 tons
City of Lodi Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 5,300 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	3	679 gal	3.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Lodi Average vehicle fuel economy: 29 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:	Light-Duty	HEV	1	291 gal	3.6 tons
City of Lodi 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:	Light-Duty	HEV	3	600 gal	7.4 tons
City of Madera Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 3,630 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	4	266 gal	3.3 tons
City of McFarland Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 13,116 mi Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Heavy-Duty	Electric	2	2,981 gal	11.9 tons
City of McFarland Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	4	300 gal	1.6 tons
City of McFarland Miles traveled per vehicle per year: 2,423 mi Market: Government - Local Vehicle type: Motorcycle Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	2	84 gal	0.4 tons
City of Merced Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 55 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	4	33 gal	0.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Merced Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	HEV	26	2,057 gal	25.3 tons
City of Modesto Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	18	900 gal	4.7 tons
City of Modesto Average vehicle fuel economy: 39 MPG Miles traveled per vehicle per year: 10,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	2	422 gal	5.2 tons
City of Porterville Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 3,895 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	5	287 gal	3.5 tons
City of Reedley Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	14	1,050 gal	5.5 tons
City of Reedley Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	HEV	4	317 gal	3.9 tons
City of Selma Miles traveled per vehicle per year: 2,423 mi Market: Government - Local Vehicle type: Motorcycle Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	3	125 gal	0.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Selma Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	HEV	1	79 gal	1.0 tons
City of Shafter Miles traveled per vehicle per year: 11,712 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	3	1,535 gal	8.0 tons
City of Taft Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	1	360 gal	1.9 tons
City of Taft Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	PHEV	1	149 gal	0.8 tons
City of Tulare Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	3	300 gal	1.6 tons
City of Wasco Electricity used: 90 kWh Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	3	13 gal	0.1 tons
Clovis Unified School District Average vehicle fuel economy: 45 MPG Miles traveled per vehicle per year: 8,549 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	15	2,678 gal	33.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Coalinga Huron Unified School District Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	7	525 gal	2.7 tons
Coalinga Huron Unified School District Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 10,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	HEV	2	147 gal	1.8 tons
County of Kern Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 298 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	6	358 gal	1.9 tons
County of Kern Average vehicle fuel economy: 34 MPG Miles traveled per vehicle per year: 4,286 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	2	119 gal	0.6 tons
County of Kings Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 880 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	6	228 gal	1.2 tons
County of Kings Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 9,800 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	55	7,833 gal	96.5 tons
County of Kings Average vehicle fuel economy: 37 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:	Light-Duty	PHEV	3	244 gal	1.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
County of San Joaquin Electricity used: 449 kWh Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	1	64 gal	0.3 tons
County of San Joaquin Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 9,248 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	154	13,915 gal	171.4 tons
County of San Joaquin Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 12,901 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	12	2,250 gal	27.7 tons
Frito-Lay Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 23,000 mi Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 60% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	Electric	5	13,043 gal	52.2 tons
Kern County Superintendent of Schools Average vehicle fuel economy: 30 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:	Light-Duty	HEV	2	216 gal	2.7 tons
Kern County Superintendent of Schools Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 10,614 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	4	752 gal	3.9 tons
Kern High School District Average vehicle fuel economy: 11 MPG Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	208	11,126 gal	57.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Kern High School District Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 5,171 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	5	468 gal	2.4 tons
Kings Canyon Unified School District Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 15,000 mi Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Refrigerated box truck; 2015 data</i>	Heavy-Duty	Electric	1	1,786 gal	7.2 tons
Kings Canyon Unified School District Electricity used: 3,000 kWh Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Heavy-Duty	Electric	2	287 gal	1.1 tons
Kings Canyon Unified School District Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 750 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	8	900 gal	4.7 tons
Kings Canyon Unified School District Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 10,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	HEV	5	5,313 gal	65.4 tons
Kings Canyon Unified School District Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 10,614 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	PHEV	2	291 gal	1.5 tons
Lindsay Unified School District Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>2015 data</i>	Light-Duty	Electric	14	1,050 gal	5.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Lindsay Unified School District Miles traveled per vehicle per year: 11,712 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: 2015 data	Light-Duty	Electric	5	2,558 gal	13.3 tons
Southwest Transportation Agency (SWTA) Average vehicle fuel economy: 39 MPG Miles traveled per vehicle per year: 7,689 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	8	1,086 gal	13.4 tons
Standard School District Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: 2015 data	Light-Duty	PHEV	1	79 gal	0.4 tons
Trans-West Security Average vehicle fuel economy: 37 MPG Miles traveled per vehicle per year: 39,798 mi Market: Corporate Fleet Vehicle type: Patrol Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: 2015 data	Light-Duty	HEV	30	59,879 gal	737.6 tons
UPS - Medium-duty EV Electricity used: 5,543 kWh Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes Workplace Charging Challenge:	Heavy-Duty	Electric	60	471 gal	1.9 tons
Visalia Unified School District Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 3,000 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	5	877 gal	4.6 tons
Visalia Unified School District Average vehicle fuel economy: 37 MPG Miles traveled per vehicle per year: 8,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	3	390 gal	2.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Yosemite National Park	Heavy-Duty	HEV	24	79,666 gal	981.3 tons
Average vehicle fuel economy: 5 MPG Miles traveled per vehicle per year: 10,000 mi Market: National Parks Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Yosemite National Park	Light-Duty	HEV	14	1,017 gal	12.5 tons
Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 5,000 mi Market: National Parks Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Total:			894	249,612 gal	2,610 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Bakersfield	Street sweeper	Alternative fuel or vehicles	CNG	18	13,500 gal	11.4 tons
Fuel used: 15,000 GGE Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Bakersfield	Forklifts	Alternative fuel or vehicles	Electric	1	177 gal	0.7 tons
Fuel used: 2,080 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Bakersfield	Other	Alternative fuel or vehicles	Propane	3	1,022 gal	0.4 tons
Fuel used: 1,500 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Zamboni</i>						
City of Bakersfield	Forklifts	Alternative fuel or vehicles	Propane	9	5,450 gal	2.1 tons
Fuel used: 8,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Bakersfield	Street sweeper	Alternative fuel or vehicles	Propane	2	1,063 gal	0.4 tons
Fuel used: 1,560 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Fresno	Street sweeper	Alternative fuel or vehicles	CNG	22	50,171 gal	42.2 tons
Fuel used: 55,746 GGE Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Lindsay	Other	Alternative fuel or vehicles	Electric	2	42 gal	0.2 tons
Fuel used: 500 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No 2 half ton trucks (not street legal).						
City of Madera	Construction equipment	Alternative fuel or vehicles	CNG	5	900 gal	0.8 tons
Fuel used: 1,000 GGE Percentage from coalition: 100% National Clean Fleets Partnership: No Dump truck						
City of Madera	Street sweeper	Alternative fuel or vehicles	CNG	1	1,440 gal	1.2 tons
Fuel used: 1,600 GGE Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Madera	Forklifts	Alternative fuel or vehicles	Propane	2	69 gal	0.0 tons
Fuel used: 101 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Modesto	Forklifts	Alternative fuel or vehicles	Propane	7	14 gal	0.0 tons
Brake horsepower-hours used: 700 brake horsepower-hours Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Wasco	Forklifts	Alternative fuel or vehicles	Electric	1	8 gal	0.0 tons
Fuel used: 90 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
Golden Empire Transit	Forklifts	Alternative fuel or vehicles	Propane	1	425 gal	0.2 tons
Fuel used: 780 gal Percentage from coalition: 80% National Clean Fleets Partnership: No						
Southwest Transportation Agency (SWTA)	Forklifts	Alternative fuel or vehicles	Propane	1	1,063 gal	0.4 tons
Fuel used: 1,560 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Standard School District	Forklifts	Alternative fuel or vehicles	Electric	1	4 gal	0.0 tons
Brake horsepower-hours used: 95 brake horsepower-hours Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data						
Total:				76	75,348 gal	60 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
County of San Joaquin	10 MPG	13 MPG	587	9,500 mi	88,540 gal	1,090.6 tons
Method: Telematics Vehicle class: Light-Duty Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:			587	9,500 mi	88,540 gal	1,091 tons

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
California Vanpool Authority (CalVans)	Carpooling	Light-Duty	5,340,708 gal	65,785.4 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 7,100 VMT reduction per vehicle being driven less: 17,000 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>568 vans with 15 passengers replace 12.5 cars per van, based on average daily ridership. CalVans also has 19 CNG vans in their fleet. These are noted in the Alternative Fuel & Vehicles section.</i>				
Total:			5,340,708 gal	65,785 tons

IDLE REDUCTION

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
City of Lindsay	8	20 mins/day 192 days/year	0 gal/hr	200 gal	2.5 tons
Type of project: Automatic engine shutoff Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No					
Kings Canyon Unified School District	10	20 mins/day 280 days/year	2 gal/hr	1,400 gal	17.4 tons
Type of project: Other Type of vehicle: Heavy-Duty - Other Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data					
Kings Canyon Unified School District ARB	70	20 mins/day 210 days/year	2 gal/hr	7,350 gal	91.1 tons
Type of project: Other Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 75% National Clean Fleets Partnership: No 2015 data					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Southwest Transportation Agency	92	15 mins/day 200 days/year	1 gal/hr	1,840 gal	22.8 tons
Type of project: Other Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No					
Total:	180			10,790 gal	134 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	1	1
E85 - 85% Ethanol	-	-
Electric Charging Outlets	40	9
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	-	-
Total:	41	10

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
City of Bakersfield Green Waste to Hydrogen	01/01/2017, 12/31/2017	Meeting - Other	100%	5
Technology: Electric vehicles, Hydrogen Audience: Government <i>The SJVCCC Coordinator continues to work with the City of Bakersfield Waste Management Department (Kevin Barnes) to seek funding for a project to convert greenwaste to Hydrogen for fuel and electricity generation. A local cogeneration plant (Delano) closed down, that used 300 tons per day of greenwaste from local communities and US Forest Service lands. The City of Bakersfield now is seeking a way to dispose of 21 tons per day of greenwaste in an environmental manner. The SJVCCC Coordinator talked with the Hydrogen Council at the 2017 ACT Expo, and followed up with them. The SJVCCC Coordinator and Mr. Barnes communicate when a new technology or funding source has been identified. This work will continue until a resolution can be found. This project could produce fuel for hydrogen stations in the Valley, such as the one at Harris Ranch. Similar projects could make use of the remaining waste now diverted from landfills and from the cogen. Conversations with numerous biofuels facilities have also occurred, including CalResources and Crimson. They are currently at capacity.</i>				
City of Arvin Grant Writer Meeting	01/01/2017, 12/31/2017	Meeting - Other	100%	1
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Natural gas vehicles, Vehicle miles traveled reduction Audience: Government <i>Met with the new grant writer for the City of Arvin to discuss projects, funding opportunities, grant writing. Assisted with grant applications to the San Joaquin Valley Air Pollution Control District, EVgo Stubup program, and the Rose Foundation. Secured funding for 10 EV Charging Stations and 4 electric vehicles for the City of Arvin. Assisted Arvin with other grants, including a grant to plant trees and create a bike/pedestrian path in a local park that links residences to schools and city facilities, such as the library and City Hall. (VMT reduction project).</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
CarbonBlu and Calstarts San Joaquin Valley Clean Transportation Center fleet outreach	01/01/2017, 08/25/2017	Meeting - Other	100%	20
<p>Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction</p> <p>Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other</p> <p><i>Through a grant from the California Energy Commission, CarbonBlu is able to provide a free brief fleet analysis to public and private fleet operators. The SJVCCC Coordinator and Program Manager are providing CarbonBlu with fleet manager contacts and background information, in some cases setting up meetings and making introductions. The SJVCCC also has followed up with the fleets to determine how we may be of assistance. Attended a meeting between CarbonBlu and Southern California Gas Company. CarbonBlu also forged a relationship with the California Trucking Association. Unfortunately these contacts did not lead to fleet analyses or fleet projects. Therefore the Calstart SJVCTC cancelled their contract with CarbonBlu.</i></p>				
Workplace Charging Workshop at Mercy Hospital in Bakersfield	02/24/2017	Workshop held by coalition	100%	90
<p>Technology: Electric vehicles, Hybrid electric vehicles</p> <p>Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility</p> <p><i>SJVCCC partnered with 3 other agencies (KCCD, Kern COG, SJVAPCD on a Workplace Charging Workshop held in the Founders Hall at Mercy Hospital in Bakersfield. The hospital has a charging station for its employees. The SJVCCC purchased new feather banners that say EVent and have the SJVEVP logo. There were several panels of speakers, and vendors promoted EV Charging, VMT reductions and vehicles were on display.</i></p> <p><i>Accomplishments and Outcomes to date:</i></p> <p><i>i) Created outreach banners which have been used at EV events all 2017</i></p> <p><i>ii) 20 speakers, 6 vendors, several vehicles and 70 participants attended the Workplace Charging Workshop on February 18th at Mercy Hospital in Bakersfield.</i></p> <p><i>iii) Resulting projects: Bakersfield City School District charging stations</i></p> <p><i>iv) Resulting partnerships: Chargepoint new contact; Jim Burke Ford provided vehicles for an E85 Station Opening in June.</i></p>				
First Responder EV Training and Pilot new curriculum module	03/15/2017	Workshop held by coalition	100%	30
<p>Technology: Electric vehicles</p> <p>Audience: Government, Other</p> <p><i>The SJVCCC received two grants to work with West Virginia University Alternative Fuel Training Center to add a module to the First Responder's Curriculum that addresses electric-power motorcycles. A workshop was held on March 15, 2017 in Tehachapi. 2 Trainers from WVU gave the course. Nine firefighters and police personnel attended the course, one being the Kern County Fire Department trainer who works with numerous personnel in the small incorporated cities of Kern and the Kern County Fire Department. We estimate that we reached 30 people in and following the workshop. Additional first responders were reached during the outreach for the event, as we advertised it to fire departments and police departments throughout the San Joaquin Valley. They have requested another workshop to be held further North.</i></p>				
Bakersfield College Hackathon	03/18/2017	Literature Distribution	50%	150
<p>Technology: E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction</p> <p>Audience: Other</p> <p><i>Provided information on air quality, the SJVCCC, the SJVEP and alternative fuel vehicles and incentives, ridesharing and VMT programs for literature distribution at the BC Hackathon.</i></p>				
2017 Tune In and Tune Up Events	03/18/2017, 12/02/2017	Literature Distribution	100%	2,000
<p>Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction</p> <p>Audience: General Public</p> <p><i>Former Coordinator Roger Teschner runs this program for Valley Clean Air Now and the San Joaquin Valley Air Pollution Control District. On a single day, individuals bring in their cars (up to 525 cars processed each event) for a free smog check and a coupon for repairs, if needed. The SJVCCC has booths at the Bakersfield event to promote vehicle maintenance, bicycling, transit, alternative fuel and hybrid vehicles, and ridesharing. Local smog check and tune up facilities also have booths. Low-income car insurance providers and health care clinics also participate. Events are held throughout the San Joaquin Valley. There are numerous Tune In and Tune Up events over the year, but the Kern County location is the only one where the SJVCCC distributes literature. The TITU program added the PASS program - offering discounts on pre-owned vehicles at CarMax to individuals who scrapped their polluting vehicles. Project Clean Air, Inc. conducted the first publicly-funded car scrapping program in the 1990s.</i></p>				
2017 Bakersfield Green Expo and Beautiful Bakersfield Clean-Up Day	04/22/2017	Literature Distribution	10%	2,000
<p>Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction</p> <p>Audience: General Public, Government, Private Fleets, Utility, Waste</p> <p><i>In 2017, we created an EVent Zone at the Green Expo with 8 or more vehicles displayed by local car dealers. CommuteKern, Golden Empire Transit, Kern Regional Transit, and the SJVCCC distribute information, the American Lung Association, Valley Clean Air Now, and the San Joaquin Valley Air Pollution Control District also disseminate information. The event features trash pickup and the City of Bakersfield's waste hauler fleet includes alternative fuel vehicles. PG&E has a large presence at this event - with volunteers and literature. Center for Sustainable Energy promoted the California Clean Vehicle Rebate Program and brought a Volt.</i></p>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
2017 Bakersfield College Garden Fest	04/22/2017	Literature Distribution	75%	500
<p>Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: General Public</p> <p><i>Melissa Iger, one of the event coordinators, is a Blue Sky Partner stakeholder, representing the Tree Foundation of Kern. The Blue Sky Partners distribute literature at this event, representing CommuteKern, local transit agencies, Bike Bakersfield, Valley Clean Air Now, the American Lung Association, Kern Green, the Valley Air District, and of course the San Joaquin Valley Clean Cities Coalition.</i></p>				
2017 Celebrate CSUB!	04/29/2017	Literature Distribution	100%	1,000
<p>Technology: Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Transit, Other</p> <p><i>California State University, Bakersfield hosts this event for the public and students each year. They have EV Charging Stations on campus and electric vehicles in use on campus that the SJVCCC helped find grants to purchase. CSUB works with the local transit agencies to provide transportation for students and with Kern COG (Commute Kern) to promote ridesharing. The campus continues to promote their parking lot solar panels which generate 1.5 mW. CSUB is making plans to update the on-campus transit center, and the SJVCCC met with university staff in 2017 to assist with planning and looking for funding. The CSUB Campus now operates a bikeshare program for its students, staff and faculty.</i></p>				
Western Region Coordinators Meeting at 2017 ACT Long Beach	05/01/2017	Meeting - Other	5%	20
<p>Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Private Fleets, Other</p> <p><i>The SJVCCC Coordinator attended meeting of California (Western Region) Coordinators in Long Beach, CA where the coordinators made collaborative plans for petroleum displacement.</i></p>				
Bike Bakersfield Bike to Work Month, Week, and Day	05/01/2017, 05/31/2017	Media Event	5%	60
<p>Technology: Vehicle miles traveled reduction Audience: General Public</p> <p><i>SJVCCC staff and stakeholders hosted commuter stands along the main bike path through Bakersfield, providing snacks, support, and information on alternatives to driving alone in traditional cars. Promote alt fuels, CNG transit buses, cycling, CSUB Bikeshare program.</i></p>				
2017 ACT Expo in Long Beach California	05/01/2017, 05/02/2017, 05/03/2017, 05/04/2017	Conference participation	1%	100
<p>Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other</p> <p><i>Coalition stakeholders worked at or had their own vendor booths in the Expo Hall. Numerous stakeholders attended the ACT Expo.</i></p>				
Meet with stakeholder Revolution CNG	05/03/2017	Meeting - Stakeholder	100%	2
<p>Technology: Natural gas vehicles Audience: Other</p> <p><i>Meet with the owners of Revolution CNG (station installers) to learn about projects they have in the San Joaquin Valley. Discuss prospects for station updates, new locations, funding.</i></p>				
GreenPower Manufacturing Facility Groundbreaking in Porterville	06/02/2017	Media Event	100%	1,000
<p>Technology: Electric vehicles Audience: General Public, Government, Private Fleets, Transit</p> <p><i>GreenPower broke ground on its new manufacturing facility in Porterville, California. The SJVCCC coordinator and Brenda Turner attended the event, networking with other attendees (about 300 people). Brenda wrote an article about the event which was distributed in the San Joaquin Valley Clean Transportation Center Newsletter. The article and information was also posted online and sent out via email, thereby increasing the reach. As a media event, this event was covered by local media. In 2017, GreenPower has become a valuable stakeholder in the SJVCCC, participating in numerous events with their electric buses and in SJVEVP planning meetings.</i></p>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
E85 Station Opening at Shell Station in Bakersfield, CA	06/23/2017	Media Event	100%	20,000
Technology: E85 Audience: General Public <i>We worked with Pearson Fuels to host a Ribbon Cutting and media event at the Shell station at Gosford and White Lane in Bakersfield. The SJVCCC coordinated with local entities on the event. Jim Burke Ford displayed pickup trucks that run on E85. We coordinated the presentation of proclamations by local dignitaries (State and US Congress representatives, County Supervisors). Pearsons sent out postcards advertising that E85 would be sold for 85 cents/gallon on June 23rd. Cars were lined up around the block and into the neighboring parking lot. Local television news covered the event. The SJVCCC distributed information during the event, both at a booth and by handing information to people in line.</i>				
San Joaquin Valley Natural Gas Partnership (a SJVCCC Subcommittee) Listen and Learn Workshops	07/19/2017, 11/14/2017	Workshop held by coalition	100%	60
Technology: Natural gas vehicles Audience: <i>Listen and Learn workshop held in partnership with the San Joaquin Valley Clean Transportation Center on July 19, 2017 at the Kern County Superintendent of Schools Transportation Facility at 705 South Union, Bakersfield. Pape Kenworth salesman Doug Mayes also spoke at the event. Scott Feiber of KCSOS gave a facility tour. Southern California Gas, and several fleets attended. We wanted to educate on vehicles, fueling options, Prop 1B funding and HVIP funding.</i> <i>It provided a good opportunity to hear from fleet operators about the obstacles to purchasing CNG vehicles and coordinating vehicle availability with fiscal year and grant funding cycles. (1) The following day (July 20), Southern California Gas Company and the SJVCTC met with the San Joaquin Valley Air Pollution Control District in Fresno to discuss the issue of grant contracts terminating prior to the availability of retrofit kits being certified by CARB for use on new model year vehicle platforms. The SJVAPCD agreed to extend the contracts, which will allow the Kern County Superintendent of Schools to move forward with two years' worth of white fleet vehicle purchases that have been on hold. I do not know the extent of the issue across 8 counties at this reporting deadline. (2) An additional issue involving Ford E350 and 450 vehicles and CARB CNG upfit certifications will still need to be resolved. (3) The SJVAPCD is also interested in addressing another issue: off-road farm vehicles are currently not eligible for incentive funding. Yet these yard goats, transfer trucks, and other diesel trucks and tractors are very old (1980s) and exempt from air quality regulations. The farms are expressing interest in incentive dollars to replace these vehicles and working with their contractors to replace vehicles as well.</i> <i>A second workshop was held on November 11, 2017 at Harris Ranch, Coalinga, CA in partnership with Calstart's San Joaquin Valley Clean Transportation Center. Agendas and presentations are posted at http://projectcleanair.us/sjvngp/sjvngp-events/cng-listen-learn/.</i> <i>The SJVNGP Executive Leadership selected a logo designed for the partnership by the Saba Agency.</i>				
US DOE Clean Cities Conference and Training	08/21/2017, 08/22/2017, 08/23/2017, 08/24/2017	Meeting - Other	5%	80
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: <i>Attendee and panelist at the US DOE Clean Cities Conference in Denver, CO.</i>				
CommuteKern Rideshare Week Kick-Off Luncheon - Table	08/31/2017	Literature Distribution	100%	60
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Transit, Utility, Other <i>SJVCCC Table at the eTrip luncheon to promote the National Drive Electric Week and LiveSmart Fair in Bakersfield on September 16, 2017. Also promotes alternative fuel vehicles, vanpools and transit to San Joaquin Valley Air Pollution Control District eTrip employers. eTrip is a program for worksites of 100 or more employees, who must encourage ridesharing and electric vehicles to reduce commute-related air pollution. The luncheon was held to kick off the 2017 Rideshare Week (first week in October) activities, in order to give time to the workplaces to coordinate on-site events and to register participants.</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
LiveSmart Fair and NDEW Best.Drive.EVer Media Campaign	09/01/2017, 09/16/2017	Advertisement	100%	40,000

Technology: Electric vehicles, Hybrid electric vehicles
Audience: General Public

Leading up to our National Drive Electric Week event on September 16, 2017, the SJVCCC launched a Media Campaign. Channel 17 ran the paid ad, a PSA, and hosted our representative on Sunrise 17 the week of the event. Spectrum also provided prime placement and PSAs. The reach on Spectrum was 15.5% with 2.0 impressions per person.

MARKETING & OUTREACH SUMMARY Total campaign - \$5,718 including printing of fliers and banner and EIG Solar Radio Budget

KGET-TV 17	Television	\$1,000		
Spectrum	Television	\$1,200		
KGFM	Radio	\$1,080		
Bakersfield Californian	Newspaper	\$525		
Project Clean Air	Facebook	Internet	FREE	
EV Perks	Facebook	Internet	\$50	
Greater Bakersfield Chamber of Commerce	EBlast	\$383		

Our partners also promoted the event using their radio, print, and social media budgets.

A two-page flier was professionally designed and printed for the LiveSmart Fair. More than 1,100 copies of the flier were distributed and posted throughout the area at Starbucks, schools (including the Cal State Bakersfield campus), businesses and grocery stores. Kern Federal Credit Union handed out 200 copies to members during the week before the fair. Copies also were handed out to local health leaders attending a Lung Association training event. Commute Kern distributed fliers to 50 attendees at a Rideshare Week kickoff luncheon and also to 80 businesses, including the fliers along with its Rideshare Week materials. In total, 850 fliers were distributed by Commute Kern. Urner's and Urner's Zs Please location had 100 fliers to give to customers along with an in-store sign advertising the event.

In addition, a large banner was printed and put on poles at Urner's parking lot, where it was visible to drivers coming off of the Highway 99 exit at White Lane. The banner went up after their Labor Day sale.

Energy Independence Group, a local solar company that was a sponsor, ran an ad in two local neighborhood publications covering the Seven Oaks and Rio Bravo areas. N2 Publishing does a "Healthy Living" article in each issue and we were able to submit for free a 500-word article and a photo that ran in the same issue as well. The deadline was quite early – July 28 – for the September issue.

Other marketing efforts included putting the event on several community calendars. Attendees were surveyed as to how they heard about the event. A total of 40 responses were obtained, with most saying their learned about the event on the Internet or Facebook, followed by television, radio and newspaper ads as well as seeing the flier.

2017 NDEW Event Media Interview KGET TV 17 at Sunrise	09/12/2017	Media Event	100%	25,000
Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen Audience: General Public SJVCCC Program Manager Brenda Turner appeared on KGET TV17 at Sunrise to promote the 2017 NDEW Best Drive EVer event at Urner's Appliance Store in Bakersfield. Estimated audience reach.				

Bakersfield College Public Health 101 - SJVCCC Coordinator Guest Lecturer	09/12/2017	Meeting - Other	100%	30
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Technology: Biodiesel, E85, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction
Audience: Other

The SJVCCC Coordinator is working with a Bakersfield College instructor to create the air quality component of the new Public Health Curriculum. The Coordinator was a guest lecturer on air quality, health, and steps to improve air quality - reducing emissions in the transportation sector. Several college students became interested in setting up campus programs that support alternative means of transportation. A few college students volunteered at the National Drive Electric Week event in Bakersfield. A few were paid to work at the AppleFest event in Tehachapi.

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
LiveSmart Fair and NDEW Best.Ride.EVer at Urner's in Bakersfield Technology: Electric vehicles, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: General Public <i>The SJVCCC partnered with EV Perks and Urner's Appliances to host the first-ever LiveSmart Fair and NDEW event. Urner's is located at the freeway interchange next to the Bakersfield Auto Mall. Drivers were able to drive EVs either on the highway or on surface streets, depending on their comfort level. The route takes drivers right past the Auto Mall.</i> <i>Smart living is healthy living. Urner's promoted energy efficient appliances in their store. Booth participants promoted Rideshare, Solar, Energy Efficiency, Bicycling for every day transportation, and Electric Vehicle incentives. The PEV Collaborative and others sponsored National Drive Electric Week event. Nearly 100 EV test drives took place at this family-friendly event.</i> Results: <ul style="list-style-type: none"> • 123 test drives and rides: 84 drivers, 39 riders • Makes/models available for test drive: Chevy Bolt (2); BMW i3, BMW 330e; and FIAT 500e (2); Ford Fusion Energi (2), Hyundai Sonata, Toyota Prius Prime. A traditional Hyundai Ionique was displayed with the EV collateral on hand. • The Chevy Bolt was the participant favorite. • More than 50% of respondents had no previous experience with EVs • Quiet Ride (78%), It Was Fun (61%), Nice Style & Comfort (57%), and Great Performance (51%) were top features liked by respondents • 64% of respondents said they were very or somewhat likely to consider buying an EV before driving one; 87% said the same after driving one; 28% of participants who participated in the event are planning on purchasing or leasing a car in the next 12 months; 21 participants (28%) came to the event planning to purchase or lease an EV Partners: <ul style="list-style-type: none"> • Kern Council of Governments • San Joaquin Valley Electric Vehicle Partnership (a committee of the San Joaquin Valley Clean Cities Coalition) • Project Clean Air • EV Perks Urner's Appliances PEV Collaborative / Charge Across Town <i>The local EV owners club brought eleven (11) static cars for display, including a Chevy Bolt, Chevy Spark, Mercedes B-Class EV, Nissan Leaf, Tesla Model S.</i> <i>The event was heavily marketed and advertised by local partners leading up to the event. Volunteers from Bakersfield College and CSU Bakersfield assisted during the event with set-up, clean-up, and logistics. The event featured a deep media campaign which is listed separately in the 2017 Annual Report.</i>	09/16/2017	Media Event	100%	300
VW Electrify America Stakeholder Kick-off Meeting at Fresno Council of Governments Technology: Electric vehicles Audience: Other <i>The SJVCCC successfully advocated for Electrify America (EA) to select the City of Fresno as a Metro Community to invest \$1-\$2 million in its first cycle of settlement spending. The Coordinator and several stakeholders were invited to participate in the kick-off meeting. EA will build charging stations, conduct public outreach, and help develop the EV market in the Fresno Metro Area and throughout the County of Fresno.</i>	10/04/2017	Meeting - Other	100%	15
Best.Drive.EVer at the Tehachapi AppleFest Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets, Transit <i>Each year, the Tehachapi AppleFest draws 10,000 people over the course of two days. The event has featured a car show for many years along one block of downtown Tehachapi. In 2017, the SJVCCC contacted the event organizers and were granted an entire block of downtown Tehachapi to host a Best.Drive.EVer Ride and Drive Event. Four dealerships participated. Participants were incentivized with a "Test Drive For Tacos" campaign. Southern California Edison amongst others sponsored the event. The SJVCCC also hosted a Kids Zone with educational materials and fun crafts. Picnic tables were set up to allow people to sit and eat their "fair food" right next to the EVs. We worked with local volunteers and notified the Police Department of our routes.</i> <i>The event was marketed on all of AppleFest marketing efforts. Our press release was picked up by two local newspapers. The partners also used our Social Media and Website platforms to promote the event. Banners and signs promoted the event at AppleFest. Fliers were distributed to local businesses to place in their windows and on their counters at least two weeks prior to the event.</i> <i>A total of 51 Ride and Drives were completed at AppleFest. The event slowed down in the afternoon and a few dealerships left the event early as they had travelled more than 40 miles to participate. Tehachapi only has one public charging station, so range during and following the event was a concern.</i> # A majority of the survey respondents (56%) had no experience with electric cars. # More than a third (37%) of those surveyed indicated they came to the event intending to buy or lease an EV, and 56% said they were likely to consider buying or leasing an EV after the test drive. # Nearly 78% had a very positive or somewhat positive view of EVs after taking a test drive, increasing from just under 62% prior to driving an EV. # The quiet ride was the feature liked most, followed by being fun, style and comfort, and great performance as other positive EV features.	10/08/2017	Conference participation	75%	5,000

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
2017 AWMA Golden Empire Chapter Technical Conference	10/12/2017	Conference participation	75%	150
<p>Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Utility, Other</p> <p><i>The Golden Empire Chapter of the Air and Waste Management Association hosts this annual Technical Conference. SJVEVP stakeholders attended. The SJVCCC Program Manager Brenda Turnier is on the hosting committee.</i></p>				
Greater Bakersfield Chamber of Commerce Business Conference and Expo	10/26/2017	Literature Distribution	40%	500
<p>Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Delivery, General Public, Government, Private Fleets, Transit, Utility, Other</p> <p><i>The SJVCCC Coordinator and Ollie Danner of EV Perks distributed literature regarding electric vehicle charging stations and local incentives during the Greater Bakersfield Chamber of Commerce Business Expo. Resulted in 3 contacts that day seeking help with potential EV Charging Station projects at local retail establishments. The SJVCCC parent nonprofit, Project Clean Air, Inc. is a member of the Chamber of Commerce.</i></p> <p><i>The 2017 Business Conference & Expo took place on Thursday, Oct. 26, from 3pm to 8pm at the Rabobank Convention Center, 1001 Truxtun Ave The event included a vendor fair, select workshops and keynote speaker, celebrity Nia Peeples.</i></p> <p><i>"The Greater Bakersfield Chamber and the Kern County Hispanic Chamber are two of the largest and broadest business organizations in the community," said Nick Ortiz, president/CEO of the Greater Bakersfield Chamber of Commerce. "Partnering to host this high-caliber event will not only be a chance for both our memberships, but the entire business community, to see what's trending in local industry sectors as well as the latest products and services available."</i></p>				
Total:				98,173

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
CEC - Clean Transportation Centers: SJVCTC	\$1,200,000	\$200,000	\$1,432,000	\$23,872	-	\$23,872
<p>Additional grant money added since start \$32,000 Additional matching funds added since start \$0 Length of grant: 4 Year grant began: 2015 Sources of the grant: Department of Energy, State Government Partners: CalStart, San Joaquin Valley Air Pollution Control District, Southern California Gas Company Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, Fuel Economy Improvements, H2 - Hydrogen, LNG - Liquefied Natural Gas, Propane Purpose: Establish the San Joaquin Valley Clean Transportation Center.</p> <p><i>The SJVCTC will be based in Fresno, CA and develop alternative fuel projects and seek grant and other funding, host a symposium, carry out education and outreach activities, advocacy for alt fuel partners in the region.</i></p>						
Rose Foundation	\$50,000	\$100,000	\$150,000	\$25,000	\$53,916	\$78,916
<p>Additional grant money added since start \$0 Additional matching funds added since start \$0 Length of grant: 2 Year grant began: 2016 Sources of the grant: State Government Technologies: Electricity Purpose: To develop the market for electric vehicles in Kern County.</p> <p><i>Supports all efforts to deploy vehicles and infrastructure throughout Kern County.</i></p>						

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
SJVAPCD Charge Up! EV Charger Incentive Program Length of grant: 4 Year grant began: 2015 Sources of the grant: None of the above Technologies: Electricity Purpose: This program provides funding for public agencies and businesses in the Valley to install EV charging. <i>Program started in 2015, but had a slow start so was not reported previously. This program will support existing EV owners and encourage the growth of the clean technology in the Valley.</i>	\$1,300,000	-	\$1,300,000	-	-	\$0
Southern California Gas Company Length of grant: 1 Year grant began: 2017 Sources of the grant: None of the above Partners: San Joaquin Valley Clean Transportation Center - CALSTART Technologies: CNG - Compressed Natural Gas, LNG - Liquefied Natural Gas Purpose: Fund projects focused on clean air, energy or water. <i>2016 Environmental Champions Award Deliverables:</i> <i>-Work with existing L/CNG fleets to add vehicles</i> <i>-Establish new L/CNG fleets</i> <i>-Work to establish new stations and increase capacity at existing stations</i> <i>-Celebrate fleet success stories at community events and generate media coverage (target of four events -- one per county -- during the year)</i>	\$20,000	-	\$20,000	\$20,000	\$0	\$20,000
Total:	\$2,570,000	\$300,000	\$2,870,000	\$68,872	\$53,916	\$122,788