

2012 Transportation Technology Deployment Report:

San Joaquin Valley Clean Cities

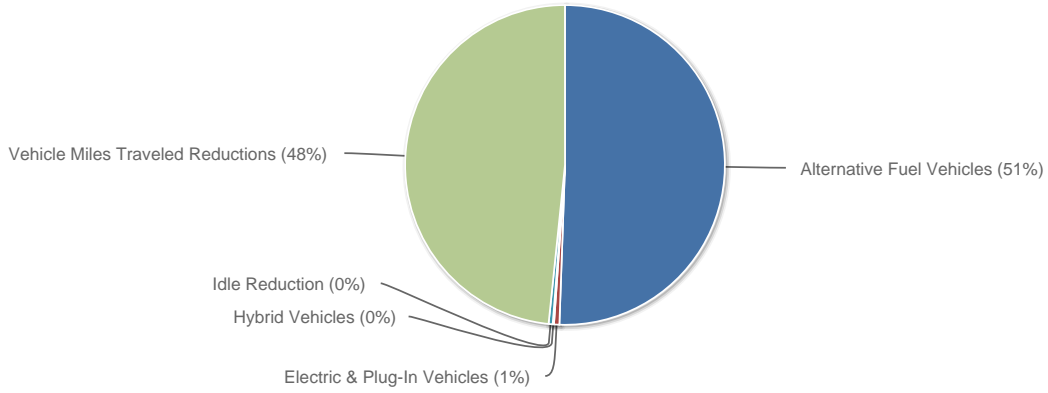
January 2013

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.

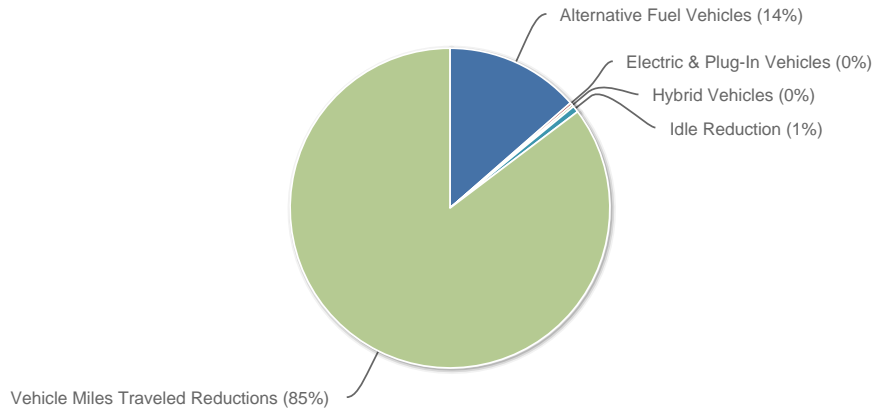
Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory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

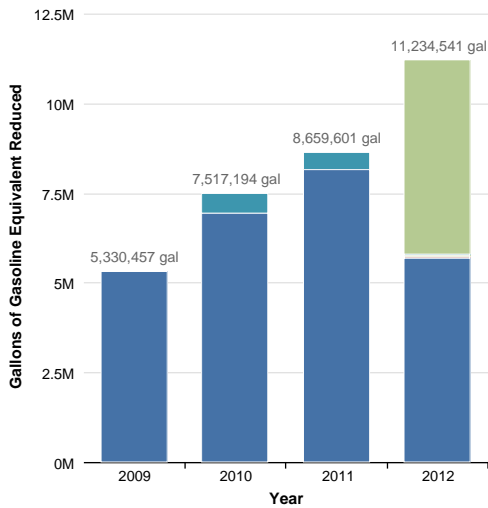
2012 Gallons of Gasoline Equivalent Reduced
11,234,541 gallons



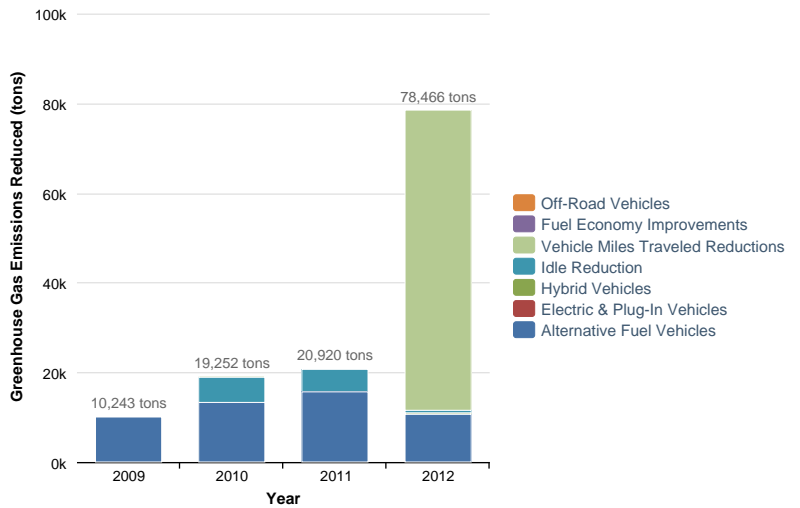
2012 Greenhouse Gas Emissions Reduced
78,466 tons



Historical Gallons of Gasoline Equivalent Reduced



Historical Greenhouse Gas Emissions Reduced



COALITION

San Joaquin Valley Clean Cities - CA

<http://www.valleyleancities.com>

Designated: 10/21/1994

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

COORDINATORS

	Address	Telephone	Fax
Spencer Schluter		661-599-9454	
Linda Urata	c/o Project Clean Air, Inc. 7850 White Ln, Ste E, PMB 362 Bakersfield, CA 93309-5545	661-342-8262	

Number of coordinators	2
Coordinator(s) hours per week on Clean Cities	15 hours
Other staff hours per week on Clean Cities	25 hours
How long have you been the coordinator?	12 years

OPERATING INFORMATION

Host organization	Nonprofit - Hosted
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Stakeholders	
Number of stakeholders	105
Number of private stakeholders	15
Does the State Energy Office provide any financial support to the coalition or stakeholders?	No
How would you rate the quality of the data on your survey?	Good
How do you obtain most of your data for the survey?	Coalition records, Estimates, Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders

Has your coalition registered with www.grants.gov ?	Yes
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2012 Outside Funding

Stakeholder dues collected	\$2,750
How much funding is obtained from other sources to cover coalition operating expenses?	\$500
Non-DOE or ARRA grant and matching funds spent in 2012	\$4,787,627
Total non-DOE or ARRA funding in 2012	\$4,790,877

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
2008 Carry Forward	Heavy-Duty	CNG	674	100% of time	2,219,942 gal	4,176.1 tons
<p>Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No</p> <p><i>Primarily school buses and transit buses from throughout the 9 counties. Reduced by 10% from the 2011 Report to be conservative.</i></p>						
2008 Carry Forward	Heavy-Duty	LNG	125	100% of time	548,947 gal	1,004.4 tons
<p>Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>Located throughout 9 counties. Reduced vehicle number by 10% over the 2011 Report to be conservative.</i></p>						
2010 Carry Forward	Heavy-Duty	LPG	3	100% of time	13,175 gal	27.5 tons
<p>Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>This reflects a 10% reduction in vehicles from the 2011 Report, to be conservative.</i></p>						
2010 Carry Forward	Light-Duty	Biodiesel (100%)	1	75% of time	43 gal	0.4 tons
<p>Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 23 MPG Market: General/Unknown Vehicle type: Car Percentage from coalition: 10% National Clean Fleets Partnership: No</p> <p><i>Private owner, met during biodiesel workshop hosted by the Coalition.</i></p>						
2010 Carry Forward	Light-Duty	CNG	847	100% of time	386,479 gal	727.0 tons
<p>Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: 18 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No</p> <p><i>Vehicle count reduced by 10% from 2011 Report to be conservative.</i></p>						
California Vanpool Authority	Light-Duty	CNG	1	100% of time	655 gal	1.2 tons
<p>Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 9 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No</p>						
City of Bakersfield	Light-Duty	CNG	250	100% of time	148,295 gal	279.0 tons
<p>Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: 12 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Clovis	Heavy-Duty	CNG	16	100% of time	97,464 gal	183.3 tons
<p>Miles traveled per vehicle: 16,516 mi Average vehicle fuel economy: 3 MPGde Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No 2011 Report</p>						
City of Madera	Light-Duty	CNG	36	100% of time	21,902 gal	41.2 tons
<p>Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: 18 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No 2011 Report</p>						
City of Tulare - Public Works	Heavy-Duty	CNG	8	56,000 GGE	53,203 gal	100.1 tons
<p>Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
City of Tulare - Public Works	Heavy-Duty	CNG	3	9,900 GGE	9,406 gal	17.7 tons
<p>Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
City of Tulare - Public Works	Heavy-Duty	LNG	6	67,000 gal	42,012 gal	76.9 tons
<p>Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
City of Tulare - Public Works	Heavy-Duty	LNG	18	90,000 gal	56,433 gal	103.3 tons
<p>Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No Converted six bi-fuel LNG to diesel to comply with CARB rule, particulate filter. Ordered three new LNG refuse trucks.</p>						
City of Tulare - Public Works	Light-Duty	CNG	14	5,300 GGE	5,035 gal	9.5 tons
<p>Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
City of Tulare - Public Works	Light-Duty	E85	60	0 gal	0 gal	0.0 tons
<p>Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Did not run on E85 due to insufficient price spread with gasoline. LY 100% time on E85= 18,620 gallons</p>						
City of Visalia - Transit Division	Heavy-Duty	CNG	12	100% of time	50,371 gal	94.8 tons
<p>Miles traveled per vehicle: 22,724 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Visalia - Transit Division Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	27	581,470 GGE	552,430 gal	1,039.2 tons
County of San Joaquin Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: 12 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No	Light-Duty	CNG	35	100% of time	20,761 gal	39.1 tons
Fresno Unified School District 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	Heavy-Duty	CNG	57	100% of time	157,672 gal	296.6 tons
Golden Empire Transit Miles traveled per vehicle: 35,734 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	88	100% of time	724,874 gal	1,363.6 tons
Golden Empire Transit 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	Heavy-Duty	CNG	19	100% of time	68,246 gal	128.4 tons
Kern County Superintendent of Schools 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	Heavy-Duty	CNG	54	100% of time	149,373 gal	281.0 tons
Kern Regional Transit Miles traveled per vehicle: 52,000 mi Average vehicle fuel economy: 12 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	21	100% of time	100,689 gal	189.4 tons
Kings Canyon Unified Miles traveled per vehicle: 2,500 mi Average vehicle fuel economy: 14 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No	Light-Duty	CNG	5	100% of time	580 gal	1.1 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Kings Canyon Unified School District	Heavy-Duty	CNG	25	100% of time	17,980 gal	33.8 tons
<p>Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 12 MPGde Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 65% National Clean Fleets Partnership: No</p>						
Kings County Transit	Heavy-Duty	CNG	16	100% of time	109,172 gal	205.4 tons
<p>Miles traveled per vehicle: 37,000 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>Kings County opened a CNG station in their yard in 2012, fully operational in January 2013. 14 slow-flow stations, fuel from Southern California Gas Company. Changes to the CMAQ program negatively and drastically impacted planned purchases of vehicles. One bus on order in 2013; Prop 1B funding.</i></p>						
Southern California Gas Company	Light-Duty	CNG	4	65% of time	962 gal	1.8 tons
<p>Miles traveled per vehicle: 13,097 mi Average vehicle fuel economy: 23 MPGge Market: Utility Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No</p> <p><i>Report 2011</i></p>						
Southern California Gas Company	Light-Duty	CNG	26	50% of time	7,571 gal	14.2 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: 65% National Clean Fleets Partnership: No</p> <p><i>2011 Report</i></p>						
Southwest Transportation Agency	Heavy-Duty	CNG	42	116,294 GGE	110,486 gal	207.8 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>SWTA operates a L/CNG station on-site.</i></p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Standard Middle School District	Heavy-Duty	CNG	2	100% of time	5,532 gal	10.4 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						
Total:			2,495		5,679,689 gal	10,654 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
2010 Carry Forward	Light-Duty	Electric	180	57,090 gal	185.4 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Vehicle count reduction of 10% taken from 2011 Report to be conservative. Primarily local governments and schools/colleges/universities due to work in this arena conducted by the SJVCCC and its stakeholders.</i>					
City of Bakersfield	Light-Duty	Electric	100	694 gal	2.3 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 1,000 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 25% National Clean Fleets Partnership: No					
City of Tulare - Public Works	Light-Duty	Electric	3	67 gal	0.2 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 800 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No					
City of Visalia - Transit Division	Heavy-Duty	HEV	6	9,115 gal	112.3 tons
Average vehicle fuel economy: 6 MPG Miles traveled per vehicle per year: 81,343 mi Market: National Parks Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No					
Kern Regional Transit	Heavy-Duty	HEV	4	12 gal	0.2 tons
Average vehicle fuel economy: 4 MPG Miles traveled per vehicle per year: 25 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No					
Kings Canyon Unified School District	Heavy-Duty	Electric	1	2,570 gal	3.7 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 12,000 mi 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	GGE Reduced	GHG Reduced
Kings Canyon Unified School District	Heavy-Duty	HEV	5	5,532 gal	68.1 tons
Average vehicle fuel economy: 12 MPG Miles traveled per vehicle per year: 12,000 mi Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No					
Standard Middle School District	Light-Duty	Electric	2	111 gal	0.4 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 2,000 mi Market: Government - Local Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No					
Total:			301	75,192 gal	372 tons

FUEL ECONOMY

Vehicle Miles Traveled Reductions

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
CalVans	Carpooling	Light-Duty	5,433,333 gal	66,926.3 tons
Fuel: Gasoline Fuel economy: 14 MPG Number of vehicles: 326 VMT reduction per vehicle: 225,000 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Vanpooling, to be precise. Each vanpool replaces (on average) 10 vehicles on the road, with a 2-way commute of 90 miles, 250 days per year.</i>				
Total:			5,433,333 gal	66,926 tons

IDLE REDUCTION

Truck Stop Electrification

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
Convoy - Bakersfield Bruce's Truck Stop	19	465 hrs/year	4,891 gal	52.3 tons
Percentage from coalition: 50% National Clean Fleets Partnership: No <i>This business faced difficulty and the service was shut down for a time. Hopefully the drop in usage has stabilized.</i>				
Convoy - Love's Ripon	37	1,110 hrs/year	22,716 gal	242.8 tons
Percentage from coalition: 50% National Clean Fleets Partnership: No				

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
Convoy - Pilot, Madera	20	728 hrs/year	8,053 gal	86.1 tons
Percentage from coalition: 50%				
National Clean Fleets Partnership: No				
Total:	76		35,660 gal	381 tons

Other Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Kings Canyon Unified School District per Title 13 CCR Article Y Sect.2480	80	20 mins/day 200 days/year	2 gal/hr	10,667 gal	132.3 tons
Type of project: Policies					
Type of vehicle: School Bus					
Percentage from coalition: 100%					
National Clean Fleets Partnership: No					
<i>shutting bus off manually during loading and unloading.</i>					
Total:	80			10,667 gal	132 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	1	3
E85 - 85% Ethanol	-	-
Electric Chargers	-	-
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
LPG - Liquefied Petroleum Gas	-	-
Total:	1	3

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
U.S. EPA Clean Truck Workshop	02/29/2012	Meeting - Other	100%	75
Technology: Hybrid electric vehicles				
Audience: Delivery, Government, Private Fleets, Utility, Other				
<i>US EPA West Coast Diesel Collaborative and the San Joaquin Valley Air Pollution Control District hosted an all-day workshop and reception at The Padre Hotel in Bakersfield, CA. The SJVCCC Coordinator assisted with logistics, provided a sound-system for the meeting room, set up an information table outside the meeting room, and helped with the invitation list and the nametags. Numerous public and private fleet operators attended this workshop on medium and heavy-duty trucks, and discussed how to help accelerate their deployment throughout California as well as the San Joaquin Valley.</i>				
US EPA Clean Truck Vehicle Showcase and Media Conference	02/29/2012	Media Event	100%	150
Technology: Alternative fuel vehicles, Hybrid electric vehicles				
Audience: Delivery, Government, Private Fleets, Public, Transit, Utility, Other				
<i>Put together by the SJVCCC Coordinator and the SJVAPCD Public Information Officer, this media event and SJVCCC Stakeholder event was held in conjunction with the US EPA Clean Truck workshop held at the Padre Hotel in Bakersfield. The speakers included US EPA Region 9 Director Jared Blumenfeld and SJVAPCD APCO Seyed Sadredin. Vehicles displayed included a Fed Ex hybrid panel delivery truck and a Cocal Cola hybrid delivery truck. Attendees were invited to ride the electric school bus courtesy of Kings Canyon Unified School District and to climb inside the electric Transit Connect provided by Azure Dynamics. As a point of comparison, local dealerships displayed light-duty hybrid vehicles next to the larger hybrid vehicles. Coverage from local media included print and television. US DOE publications were distributed at the event. In addition to the attendees, additional persons were reached through the media coverage of the event.</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Electric Vehicle Workshops	03/17/2012, 07/21/2012	Meeting - Other	100%	100
<p>Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: Public</p> <p><i>The public was invited to learn about the latest in electric vehicle technology, talk to EV owners, and find out about valuable rebates for their purchase at an electric vehicle rebate workshops sponsored by the SJVCCC Stakeholder San Joaquin Valley Air Pollution Control District and the California Center for Sustainable Energy and held in Fresno in March and in Modesto in July. The SJVCCC provided US DOE literature at the Modesto workshop and was represented by stakeholder American Chevrolet during the event.</i></p>				
2012 Green Expo	04/14/2012	Literature Distribution	100%	5,000
<p>Technology: Alternative fuel vehicles, Fuel economy improvements, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: Government, Private Fleets, Public</p> <p><i>Toyota North and Bill Wright Toyota and Jim Burke Ford displayed Hybrid vehicles. The coalition southern chapter, Blue Sky Partners, hosted a booth that featured information on public transit (GET is 100% CNG and Kern Regional Transit has CNG in the fleet), ridesharing (Kern Commuter Connection), alternate fuels, bicycling (Bike Bakersfield), tree planting, Air Quality and health (Valley Air District and American Lung Assn.). The Green Expo features the largest student recycled-material art competition in the United States.</i></p>				
Bakersfield College Garden Fest	04/21/2012	Literature Distribution	100%	500
<p>Technology: Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Government, Public</p> <p><i>Melissa Iger, one of the event coordinators, is a Blue Sky Partner stakeholder, representing the Tree Foundation of Kern. The event features "green cars". The Blue Sky Partners distribute literature at this event.</i></p>				
American Lung Association Healthy Air Walk	04/21/2012	Literature Distribution	100%	1,000
<p>Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Public</p> <p><i>This is a fundraiser for the local Kern chapter of the ALA. The Blue Sky Partners distributed information on health, air quality, and programs to reduce the number of single occupant vehicles on the road, and alternative fuel vehicles' role in improving air quality.</i></p>				
Grimmway Farms Employee Picnic	04/22/2012	Literature Distribution	100%	5,000
<p>Technology: Fuel economy improvements, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: Private Fleets, Public</p> <p><i>Blue Sky Partners distributed literature at this annual employee event.</i></p>				
Bakersfield Women's Business Conference	04/25/2012	Conference participation	100%	1,500
<p>Technology: Fuel economy improvements, Vehicle miles traveled reduction Audience: Private Fleets, Public</p> <p><i>Distributed literature from the SJVCCC and Kern Commuter Connection and Kern Energy Watch to the attendees.</i></p>				
CSUB Celebrates!	04/28/2012	Literature Distribution	100%	750
<p>Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Government, Private Fleets, Public, Transit</p> <p><i>California State University, Bakersfield hosts this event for the public and students each year. They have electric vehicles in use on campus that the SJVCCC helped find grants to purchase and CSUB works with the local transit agencies to provide transportation for students and with Kern COG to promote ridesharing. We have worked with them to improve service, and are talking with them about a bike-share program and a car-share program. The campus continues to promote their parking lot solar panels which generate 1.5 mW. The SJVAPCD offers a trade-in on gasoline lawnmowers in exchange for electric lawnmowers. The Kern Energy Watch program worked with the CSUB Sustainability Club to distribute thousands of CFL lightbulbs.</i></p>				
Safe Routes to Schools - Walk and Roll to School! Bakersfield, CA, Kern County	05/07/2012, 05/08/2012, 05/09/2012, 05/10/2012, 05/11/2012	Literature Distribution	100%	10,000
<p>Technology: Idle reduction, Vehicle miles traveled reduction Audience: Government, Public</p> <p><i>More than literature distribution - this event asks students and their families to try a clean and safe commute for one week, during Clean Air Month. Part of the Safe Routes to Schools program administered by Bike Bakersfield, the week is an outgrowth of the Clean Air Commute Week started by the Blue Sky Partners. The outreach has components that include outreach to schools, students and families, media, electeds, school district officials. Components include bicycling, walking, idle reduction, and carpooling. Each day we participate at a different school site. May 9th was celebrated as Bike to School Day throughout Kern County.</i></p>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
EVS26: US DOE meeting during the event and VIP event during the workshop Technology: Hybrid electric vehicles Audience: Government, Public <i>EVS26 was held at the Los Angeles Convention Center. The SJVCCC along with other coalitions, worked with the PEVC and others to host VIPs during the event. The SJVCCC Coordinator updated an invitation list of electeds in 67 cities and 8 counties for the VIP event. This is the approximate outreach to 500 as noted. The SJVCCC Coordinator attended the EVS26 event, the US DOE meeting during the event, and the VIP portion of the event.</i>	05/07/2012	Conference participation	100%	500
Aera Energy Green Workshop Technology: Hybrid electric vehicles, Vehicle miles traveled reduction Audience: Public, Other <i>Kern Green organized a green expo type event at the Aera Energy corporate offices in Bakersfield. Kern Commuter Connections, local transit, and other stakeholders participated in this event by distributing literature, including SJVCCC-provided handouts.</i>	05/10/2012	Literature Distribution	25%	150
Alternative Clean Transportation Expo (ACT) Long Beach Technology: Alternative fuel vehicles, Fuel blends Audience: Public <i>ACT Expo united technology providers & OEMs with fleet reps responsible for writing specs & ordering vehicles for companies/agencies across the country, as well as the real buyers looking to make their next investment in technology & equipment. Mark Gilio assisted at a booth at the event. Coordinator assisted with Clean Cities preparations prior to the event.</i>	05/15/2012, 05/16/2012, 05/17/2012	Conference participation	100%	5,000
PEV Readiness Workshop Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: Government <i>This event was hosted at the San Joaquin Valley Air Pollution Control District in Fresno. Attendees could attend by videoteleconference in Bakersfield and Modesto. The SJVCCC Coordinator participated in the event organization phase and served as a panelist. US DOE literature on EVs was distributed at the event.</i>	05/15/2012	Workshop held by coalition	100%	70
Bike to Work Day and Commuter Stands Technology: Idle reduction, Vehicle miles traveled reduction Audience: Public, Transit <i>May was celebrated as Bike to Work Month with May 16th as Bike to Work Day. Outreach in advance of this week included television, yard signs, print media, newsletters, emails, and in-person speaking presentations to worksites and community organizations. Bike Bakersfield and the Valley Air District are the primary partners in this event. Golden Empire Transit also plays a significant role. Commuter stands to distribute water and small thank yous (like lip balm) are set up along the bike path to thank cyclists for commuting by cycling.</i>	05/16/2012	Meeting - Other	100%	5,000
Amgen Tour of California Time Trials Technology: Vehicle miles traveled reduction Audience: Public <i>Bike Bakersfield hosted a bike-valet service during the Amgen Tour of California Time Trials held near Bakersfield College. The SJVCCC Coordinator distributed literature at the valet headquarters and helped staff the valet service booth.</i>	05/17/2012	Literature Distribution	25%	100
Bike Bakersfield Bike Fest, Bakersfield Technology: Idle reduction, Vehicle miles traveled reduction Audience: Public, Transit <i>May 14-18 was celebrated as Bike to Work Week, culminating in the Bike Fest sponsored by Bike Bakersfield. The SJVCCC, Kern Commuter Connection and the Valley Air District are the primary partners in this event.</i>	05/19/2012	Literature Distribution	100%	250
Tune In and Tune Up Event Technology: Fuel economy improvements, Idle reduction Audience: Public <i>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 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. Events are held throughout the San Joaquin Valley. There are numerous Tune In and Tune Up events over the year, but this is the only one where the SJVCCC distributes literature.</i>	07/14/2012	Literature Distribution	100%	600

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Statewide Energy Efficiency Colaborative - Best Practices Forum, Los Angeles, CA Technology: Alternative fuel vehicles Audience: Government <i>The Local Government Commission hosted this forum attended by utility, government, and private industry representatives who work to improve energy efficiency in local government operations. The SJVCCC Coordinator served as a panelist to discuss PEV readiness by local governments, along a speaker from Southern California Edison and others. US DOE EV and alt fuels literature was distributed to all of the conference attendees, not only the ones who attended the workshop (about 50).</i>	07/19/2012	Conference participation	100%	150
Tehachapi Mountain Festival Technology: Alternative fuel vehicles, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: Private Fleets, Public	08/18/2012, 08/19/2012	Literature Distribution	100%	800
SJVCCC Stakeholders' Meetings Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Delivery, Government, Public, Transit, Utility, Waste, Other	09/11/2012	Meeting - Stakeholder	100%	40
International Walk and Ride to School Day- Bakersfield, CA Technology: Idle reduction, Vehicle miles traveled reduction Audience: Public, Other <i>Bike Bakersfield, Kern Commuter Connection (Kern COG) are the primary stakeholders promoting this day as a Safe Routes to School outreach. This is celebrated during Rideshare Week, held throughout Kern County. The event is held at numerous school sites, with youth encouraged to walk or ride their bikes to school.</i>	10/05/2012	Media Event	100%	6,000
Total:				42,735

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2012	Matching Funds Spent in 2012	Total Project Funding Spent in 2012
ARB AB118 HVIP Length of grant: 1 Year grant began: 2012 Sources of the grant: None of the above Partners: Kings Canyon Unified School District Technologies: Electricity Purpose: Hybrids and Electric <i>5 yrs of records to be tracked</i>	\$190,000	-	\$190,000	\$190,000	\$0	\$190,000
Cal Trans Length of grant: 3 Year grant began: 2012 Sources of the grant: None of the above Partners: Kern Regional Transit Technologies: CNG - Compressed Natural Gas Purpose: CNG Buses	\$1,006,254	\$424,150	\$1,430,404	\$335,418	\$141,383	\$476,801
FTA Length of grant: 3 Year grant began: 2012 Sources of the grant: None of the above Partners: City of Visalia - Transit Division Technologies: CNG - Compressed Natural Gas Purpose: CNG Buses	\$660,000	\$0	\$660,000	\$220,000	\$0	\$220,000
FTA Length of grant: 3 Year grant began: 2012 Sources of the grant: None of the above Partners: City of Visalia - Transit Division Technologies: CNG - Compressed Natural Gas Purpose: CNG Buses	\$3,187,200	\$652,800	\$3,840,000	\$1,062,400	\$217,600	\$1,280,000

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2012	Matching Funds Spent in 2012	Total Project Funding Spent in 2012
Fresno Cog FHWA CMAQ Length of grant: 1 Year grant began: 2012 Sources of the grant: None of the above Partners: Kings Canyon Unified School District Technologies: Electricity Purpose: 3 buses <i>5 yrs of records to be tracked</i>	\$632,914	-	\$632,914	\$632,914	\$0	\$632,914
Fresno County Transportation Authority Measure C Length of grant: 1 Year grant began: 2012 Sources of the grant: State Energy Office Partners: Kings Canyon Unified School District Technologies: Electricity, Other Purpose: diesel (\$100,689) and hybrid funds, only hybrid vehicles reported <i>5 yrs. of records to be tracked</i>	\$435,902	-	\$435,902	\$435,902	\$0	\$435,902
Sacramento Metro Air Quality Management District Length of grant: 1 Year grant began: 2012 Sources of the grant: None of the above Partners: Kings Canyon Unified School District Technologies: Electricity Purpose: Hybrid Electric School bus <i>5 yrs of records to be tracked, US DERA Funding</i>	\$55,000	-	\$55,000	\$55,000	\$0	\$55,000
San Joaquin Valley Air Pollution Control District (LESBP) Length of grant: 1 Year grant began: 2012 Sources of the grant: None of the above Partners: Kings Canyon Unified School District Technologies: B100 - 100 percent Biodiesel, CNG - Compressed Natural Gas, Electricity Purpose: 11 replacement buses, 3 additional buses and 5 new cng, utility vehicles <i>5 yrs of records to be tracked; LESB=Low Emission School Bus Program</i>	\$1,340,010	\$157,000	\$1,497,010	\$1,340,010	\$157,000	\$1,497,010
Total:	\$7,507,280	\$1,233,950	\$8,741,230	\$4,271,644	\$515,983	\$4,787,627