

2012 Transportation Technology Deployment Report:

Southern California Clean Cities

January 2013

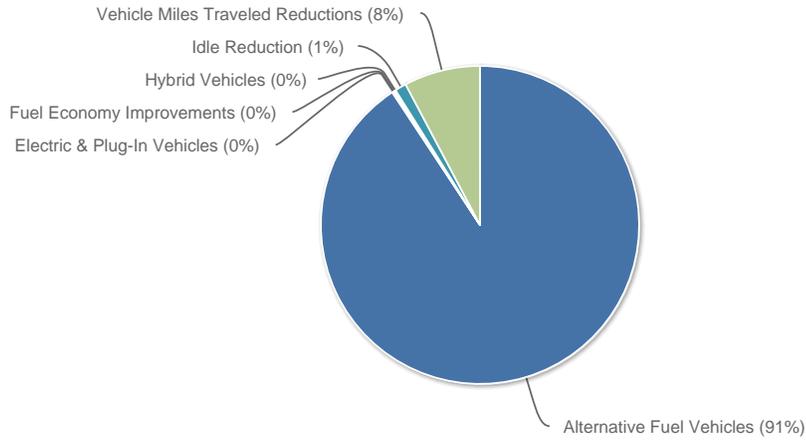
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and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

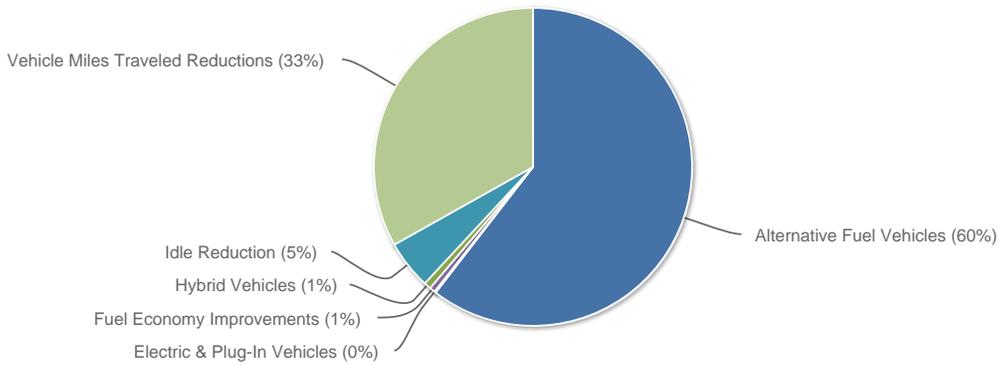
2012 Gallons of Gasoline Equivalent Reduced

40,746,533 gallons

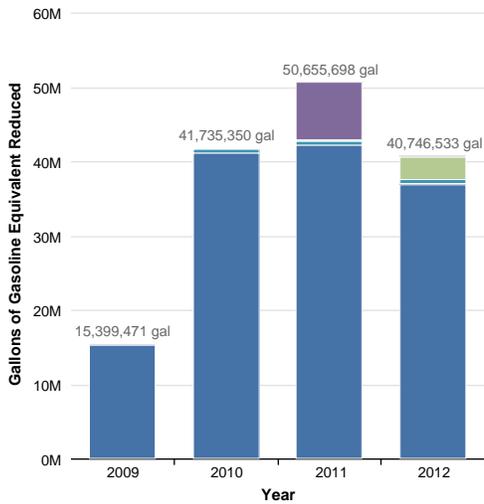


2012 Greenhouse Gas Emissions Reduced

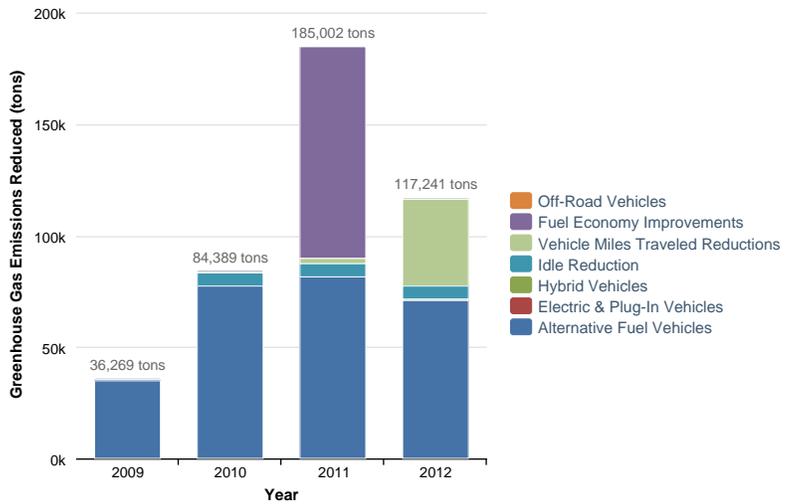
117,241 tons



Historical Gallons of Gasoline Equivalent Reduced



Historical Greenhouse Gas Emissions Reduced



COALITION

Southern California Clean Cities - CA

<http://www.scag.ca.gov/cleancities/>

Designated: 03/01/1996

Boundaries: Counties: Imperial, Los Angeles, Orange, San Bernardino, Ventura

COORDINATORS

	Address	Telephone	Fax
Matt Horton	818 W 7th St, 12th Fl Los Angeles, CA 90017	213-236-1980	213-236-9699

Number of coordinators	1
Coordinator(s) hours per week on Clean Cities	10 hours
Other staff hours per week on Clean Cities	3 hours
How long have you been the coordinator?	3 years

OPERATING INFORMATION

Host organization	Council of Governments (COG), Municipal Planning Organization (MPO), or Regional Planning Commission (RPC)
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Stakeholders

Number of stakeholders	206
Number of private stakeholders	35
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?	Estimates, Online questionnaire to stakeholders (SurveyMonkey, Google Forms, etc), Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov?	Yes

2012 Outside Funding

Stakeholder dues collected	\$0
How much funding is obtained from other sources to cover coalition operating expenses?	\$0
Non-DOE or ARRA grant and matching funds spent in 2012	\$0
Total non-DOE or ARRA funding in 2012	\$0

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Beaumont	Light-Duty	CNG	4	13,000 GGE	3,088 gal	5.8 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Beaumont	Light-Duty	E85	18	100% of time	2,148 gal	5.4 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Burbank	Heavy-Duty	CNG	62	100% of time	68,069 gal	128.0 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Burbank	Light-Duty	CNG	27	100% of time	3,675 gal	6.9 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Calabasas	Light-Duty	CNG	3	100% of time	572 gal	1.1 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Cathedral City	Light-Duty	CNG	7	100% of time	953 gal	1.8 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Cathedral City	Heavy-Duty	CNG	8	100% of time	8,783 gal	16.5 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Chino	Light-Duty	E85	22	100% of time	2,626 gal	6.6 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Chino	Heavy-Duty	CNG	5	100% of time	5,489 gal	10.3 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Clean Energy	Heavy-Duty	CNG	4	5,000 GGE	1,188 gal	2.2 tons
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Clean Energy	Light-Duty	CNG	124	100,000 GGE	23,751 gal	44.7 tons
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Covina	Light-Duty	CNG	2	100% of time	272 gal	0.5 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Culver City Transportation Dept.	Light-Duty	CNG	23	2,000 GGE	475 gal	0.9 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Culver City Transportation Dept.	Heavy-Duty	CNG	77	185,000 GGE	43,940 gal	82.7 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Dana Point	Light-Duty	CNG	1	100% of time	238 gal	0.4 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 12 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Dana Point	Light-Duty	E85	5	100% of time	746 gal	1.9 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 12 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Downey	Heavy-Duty	LPG	7	80,000 gal	14,800 gal	30.9 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Foothill Transit	Heavy-Duty	CNG	262	3,454,000 GGE	3,281,501 gal	6,173.0 tons
Market: Corporate Fleet Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No 2011 carryover						
Irvine	Light-Duty	CNG	48	100% of time	6,533 gal	12.3 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Irvine	Heavy-Duty	CNG	7	100% of time	7,685 gal	14.5 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
L.A. County	Heavy-Duty	CNG	25	100% of time	27,447 gal	51.6 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
L.A. County	Heavy-Duty	LPG	67	74,000 gal	13,690 gal	28.6 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
L.A. County	Light-Duty	CNG	32	100% of time	4,355 gal	8.2 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
L.A. County	Light-Duty	E85	1,000	119,000 gal	16,639 gal	41.6 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
L.A. County	Heavy-Duty	E85	1,641	1,530,000 gal	213,932 gal	534.7 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
LA MTA	Heavy-Duty	CNG	2,223	33,437,987 GGE	27,002,825 gal	50,796.6 tons
Market: Corporate Fleet Vehicle type: Bus: Transit Percentage from coalition: 85% National Clean Fleets Partnership: No <i>The Large and Unusual panel changed the % contribution to 85%. Caley Johnson will send you an email explaining why and actions that can be taken to increase this value next year.</i>						
La Verne	Heavy-Duty	CNG	1	3,000 GGE	713 gal	1.3 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
La Verne	Light-Duty	CNG	8	4,000 GGE	950 gal	1.8 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Laguna Hills	Light-Duty	Biodiesel (20%)	4	100% of time	169 gal	1.6 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Malibu	Light-Duty	CNG	1	100% of time	191 gal	0.4 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Montclair	Light-Duty	CNG	8	100% of time	1,089 gal	2.0 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Montclair	Heavy-Duty	CNG	1	100% of time	1,098 gal	2.1 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Monterey Park	Heavy-Duty	CNG	8	5,000 GGE	1,188 gal	2.2 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Moorpark	Heavy-Duty	CNG	3	100% of time	1,647 gal	3.1 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 12 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Norwalk	Heavy-Duty	CNG	14	100% of time	7,685 gal	14.5 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 12 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
OCTA	Heavy-Duty	CNG	318	100% of time	2,095,544 gal	3,942.1 tons
Miles traveled per vehicle: 35,734 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No 2011 carryover						
OCTA	Heavy-Duty	LNG	228	100% of time	1,502,466 gal	2,748.9 tons
Miles traveled per vehicle: 35,734 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No 2011 carryover						
Onmitrans	Heavy-Duty	CNG	172	2,500,000 GGE	1,187,573 gal	2,234.0 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No						
Ontario	Heavy-Duty	LPG	2	2,000 gal	370 gal	0.8 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Ontario	Heavy-Duty	CNG	69	300,000 GGE	71,254 gal	134.0 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Ontario	Light-Duty	CNG	4	3,000 GGE	713 gal	1.3 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Ontario	Light-Duty	E85	69	100% of time	10,295 gal	25.7 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 12 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Orange	Light-Duty	E85	61	100% of time	9,101 gal	22.7 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 12 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Rancho Cucamonga	Heavy-Duty	CNG	9	100% of time	9,881 gal	18.6 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Rancho Cucamonga	Light-Duty	CNG	1	100% of time	136 gal	0.3 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Redondo Beach	Light-Duty	CNG	5	2,000 GGE	475 gal	0.9 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Redondo Beach	Heavy-Duty	CNG	8	9,000 GGE	2,138 gal	4.0 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
SANBAG	Heavy-Duty	CNG	167	1,005,098 GGE	477,451 gal	898.2 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 50% National Clean Fleets Partnership: No						
San Bernardino	Heavy-Duty	LNG	63	500,000 gal	78,380 gal	143.4 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
San Bernardino	Light-Duty	CNG	12	100% of time	1,633 gal	3.1 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
San Bernardino	Light-Duty	LPG	3	700 gal	130 gal	0.3 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
San Bernardino	Heavy-Duty	CNG	13	100% of time	14,273 gal	26.8 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Santa Clarita	Light-Duty	CNG	15	3,000 GGE	713 gal	1.3 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Santa Clarita	Heavy-Duty	CNG	46	500,000 GGE	118,757 gal	223.4 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Santa Monica- Big Blue Bus	Heavy-Duty	Biodiesel (99%)	60	710,000 gal	178,361 gal	1,634.4 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Santa Monica- Big Blue Bus	Heavy-Duty	LNG	99	100% of time	163,097 gal	298.4 tons
Miles traveled per vehicle: 35,734 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Santa Monica- Big Blue Bus	Heavy-Duty	CNG	40	100% of time	65,898 gal	124.0 tons
Miles traveled per vehicle: 35,734 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Schwan's Home Service, Inc.	Heavy-Duty	LPG	14	75,000 gal	13,875 gal	29.0 tons
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: Yes						
Simi Valley	Heavy-Duty	CNG	11	154,542 GGE	36,706 gal	69.0 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Simi Valley	Light-Duty	CNG	11	28,182 GGE	6,694 gal	12.6 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Torrance- transit	Heavy-Duty	CNG	25	100% of time	27,447 gal	51.6 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Victor Valley Transit Authority	Light-Duty	CNG	4	4,000 GGE	950 gal	1.8 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
Victor Valley Transit Authority	Heavy-Duty	CNG	49	400,000 GGE	95,006 gal	178.7 tons
Market: Corporate Fleet Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No						
Whittier	Heavy-Duty	CNG	14	60,000 GGE	14,251 gal	26.8 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Total:			7,344		36,953,713 gal	70,893 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Bell Gardens	Light-Duty	HEV	6	494 gal	6.1 tons
Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Brawley Average vehicle fuel economy: 33 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	HEV	8	422 gal	5.2 tons
Burbank Average vehicle fuel economy: 33 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	HEV	8	422 gal	5.2 tons
Calabasas Average vehicle fuel economy: 62 MPG Miles traveled per vehicle per year: 11,788 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No <i>Volt mpg calculated from http://gm-volt.com/2010/11/24/official-2011-chevrolet-volt-epa-fuel-economy-released/</i>	Light-Duty	PHEV	9	746 gal	4.3 tons
Covina Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>NEV, 2011 carryover</i>	Light-Duty	Electric	2	198 gal	0.6 tons
Culver City Transportation Dept. Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 10% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	HEV	17	462 gal	5.7 tons
Dana Point Average vehicle fuel economy: 62 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>Volt mpg calculated from http://gm-volt.com/2010/11/24/official-2011-chevrolet-volt-epa-fuel-economy-released/</i>	Light-Duty	PHEV	8	747 gal	4.3 tons
Downey Average vehicle fuel economy: 38 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	HEV	1	61 gal	0.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Foothill Transit Average vehicle fuel economy: 9 MPG Miles traveled per vehicle per year: 23,814 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Heavy-Duty	PHEV	3	1,098 gal	6.3 tons
Gardena Average vehicle fuel economy: 12 MPG Miles traveled per vehicle per year: 23,814 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Heavy-Duty	HEV	53	29,094 gal	358.4 tons
Gardena Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	Electric	3	297 gal	1.0 tons
Irvine Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	Electric	9	892 gal	2.9 tons
L.A. County Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	HEV	475	30,706 gal	378.2 tons
LA MTA Average vehicle fuel economy: 62 MPG Miles traveled per vehicle per year: 11,432 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>Volt mpg calculated from http://gm-volt.com/2010/11/24/official-2011-chevrolet-volt-epa-fuel-economy-released/</i>	Light-Duty	PHEV	280	26,129 gal	150.0 tons
La Verne Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	HEV	2	129 gal	1.6 tons
Malibu Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,788 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	HEV	3	163 gal	2.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Moorpark Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,788 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	Electric	2	286 gal	0.9 tons
Norwalk Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	HEV	12	776 gal	9.6 tons
Onmitrans Average vehicle fuel economy: 20 MPG Miles traveled per vehicle per year: 23,814 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Heavy-Duty	HEV	3	2,306 gal	28.4 tons
Redondo Beach Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	HEV	7	453 gal	5.6 tons
San Bernardino Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	HEV	2	165 gal	2.0 tons
Santa Monica- Big Blue Bus Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 35,734 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Heavy-Duty	Electric	5	14,456 gal	20.7 tons
Simi Valley Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	HEV	4	259 gal	3.2 tons
So. Cal. Regional Rail Authority Average vehicle fuel economy: 62 MPG Miles traveled per vehicle per year: 11,432 mi Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>Volt mpg calculated from http://gm-volt.com/2010/11/24/official-2011-chevrolet-volt-epa-fuel-economy-released/</i>	Light-Duty	PHEV	13	1,213 gal	7.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Ventura Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	HEV	3	204 gal	2.5 tons
Ventura Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	Light-Duty	Electric	1	99 gal	0.3 tons
Vernon Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 project carryover</i>	Light-Duty	HEV	5	340 gal	4.2 tons
West Covina Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	HEV	18	1,040 gal	12.8 tons
West Hollywood Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	Electric	6	595 gal	1.9 tons
Whittier Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 11,432 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No <i>2011 carryover</i>	Light-Duty	HEV	3	194 gal	2.4 tons
Total:			971	114,445 gal	1,034 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Beaumont Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	10 MPG	20 MPG	2	10,000 mi	250 gal	3.1 tons
Brawley Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	24 MPG	33 MPG	8	11,432 mi	260 gal	3.2 tons
Gardena Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	20 MPG	40 MPG	6	5,000 mi	188 gal	2.3 tons
Montebello Bus lines Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover	6 MPG	10 MPG	45	11,432 mi	9,487 gal	117.6 tons
Moorpark Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 project carryover	6 MPG	8 MPG	3	30,509 mi	1,055 gal	13.1 tons
Norwalk Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	10 MPG	20 MPG	24	1,000 mi	332 gal	4.1 tons
Pico Rivera Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No	20 MPG	40 MPG	3	11,666 mi	219 gal	2.7 tons
SANBAG Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No	10 MPG	20 MPG	202	10,000 mi	27,938 gal	346.4 tons

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Torrance-Transit	4 MPG	8 MPG	10	35,734 mi	12,356 gal	153.2 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No 2011 carryover						
Total:			303	126,773 mi	52,084 gal	646 tons

Vehicle Miles Traveled Reductions

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Cluver City Transportation Dept	Carpooling	Light-Duty	6,674 gal	82.2 tons
Fuel saved: 66,740 gallons Percentage from coalition: 10% National Clean Fleets Partnership: No (2011 carryover) Employee Compressed Work Weeks & Rideshare Program: 111,420 commute trips reduced annually. Est. fuel gallons saved is over 66,740.				
Culver City Transportation Dept	Other	Heavy-Duty	4,897 gal	60.7 tons
Fuel saved: 44,259 gallons Percentage from coalition: 10% National Clean Fleets Partnership: No (2011 project carryover) Long-haul refuse operation was contracted to outside agency. Over 40,000 gallons in diesel fuel no longer purchased by the City.				
Downey	Non-motorized locomotion (e.g., bicycles)	Light-Duty	238 gal	2.9 tons
Fuel: Gasoline Fuel economy: 21 MPG Number of vehicles: 20 VMT reduction per vehicle: 1,000 mi Percentage from coalition: 25% National Clean Fleets Partnership: No				
Downey	Carpooling	Light-Duty	2,738 gal	33.7 tons
Fuel: Gasoline Fuel economy: 21 MPG Number of vehicles: 230 VMT reduction per vehicle: 1,000 mi Percentage from coalition: 25% National Clean Fleets Partnership: No				
LA Metro	Carpooling	Light-Duty	3,140,056 gal	38,678.4 tons
Fuel: Gasoline Fuel economy: 21 MPG Number of vehicles: 1,162 VMT reduction per vehicle: 113,496 mi Percentage from coalition: 50% National Clean Fleets Partnership: No metro's vanpooling program.				
Norwalk	Mass transit	Light-Duty	143 gal	1.8 tons
Fuel: Gasoline Fuel economy: 21 MPG Number of vehicles: 8 VMT reduction per vehicle: 1,500 mi Percentage from coalition: 25% National Clean Fleets Partnership: No				
Total:			3,154,746 gal	38,860 tons

IDLE REDUCTION

Onboard Idle Reduction

Fleet Name	Number of Vehicles	Equipment Usage per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Foothill Transit Equipment: Auxiliary power unit (APU) Percentage from coalition: 100% National Clean Fleets Partnership: No 2011 project carryover	274	1,830 hrs/year	1 gal/hr	454,941 gal	5,603.8 tons
Rancho Cucamonga Equipment: Auxiliary power unit (APU) Percentage from coalition: 100% National Clean Fleets Partnership: No 2011 project carryover	10	1,830 hrs/year	1 gal/hr	16,604 gal	204.5 tons
Total:	284			471,544 gal	5,808 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	1	-
CNG - Compressed Natural Gas	2	-
E85 - 85% Ethanol	-	-
Electric Chargers	26	-
Hydrogen	-	-
LNG - Liquefied Natural Gas	1	-
LPG - Liquefied Petroleum Gas	-	-
Total:	30	0

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Stakeholder meeting Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Government, Public	02/02/2012	Meeting - Stakeholder	100%	45
SCAG General Assembly/ Clean Cities display Technology: Alternative fuel vehicles, Fuel economy improvements Audience: Government, Transit	04/05/2012	Meeting - Stakeholder	100%	600
SCAG Clean Cities Newsletter Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Public, Transit, Utility, Waste, Other	05/01/2012	Literature Distribution	100%	200
MINDDRIVE Technology: Alternative fuel vehicles, Fuel economy improvements Audience: Government, Public	06/06/2012	Media Event	100%	100
SCAG Clean Cities Newsletter Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Public, Transit, Utility, Waste	09/03/2012	Literature Distribution	100%	200

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Altcar Expo	09/28/2012	Conference participation	100%	500
Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: Government, Public, Transit, Utility				
SCAG Clean Cities Newsletter	10/02/2012	Literature Distribution	100%	200
Technology: Alternative fuel vehicles, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Public, Transit, Utility, Waste				
Clean Accross America	10/11/2012	Meeting - Stakeholder	100%	50
Technology: Alternative fuel vehicles, Fuel blends, Fuel economy improvements, Vehicle miles traveled reduction Audience: Government, Public				
Total:				1,895

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
DOE	\$130,000	-	\$130,000	\$43,333	\$0	\$43,333
Length of grant: 3 Year grant began: 2009 Sources of the grant: American Recovery and Reinvestment Act Partners: Ryder Inc., GNA, San Bernardino Associated Governments Technologies: CNG - Compressed Natural Gas Purpose: Deploy over 200 heavy-duty LNG trucks in Southern CA and construct two LNG refueling stations <i>San Bernardino Associated Governments Project: Alternative fuel project will deploy over 200 heavy-duty LNG trucks in Southern California and construct two LNG refueling stations in San Bernardino and will allow the fleet to add additional LNG vehicles in the future. DOE estimates that the over 200 LNG trucks will help displace more than 2.6 million gallons of petroleum annually.</i>						
DOE	\$100,000	-	\$100,000	\$50,000	\$0	\$50,000
Length of grant: 2 Year grant began: 2012 Sources of the grant: Department of Energy Partners: SCAQMD Technologies: Electricity Purpose: EV readiness						
DOE	\$75,000	-	\$75,000	\$25,000	\$0	\$25,000
Length of grant: 3 Year grant began: 2012 Sources of the grant: American Recovery and Reinvestment Act Partners: South Coast Air Quality Management District, UPS Technologies: LNG - Liquefied Natural Gas Purpose: Complete LNG fueling corridor linking LNG fueling structure in SoCA to station in in Utah <i>South Coast Air Quality Management District's UPS Ontario-Las Vegas LNG Corridor Expansion Project. The project will complete a long-planned regional liquid natural gas (LNG) fueling corridor across the southwestern U.S., making the final connection between the existing public access LNG fuel infrastructure in Southern California and the LNG fuel stations being developed in Utah. DOE estimates that the 48 trucks alone will help displace approximately 1.25 million gallons of petroleum annually.</i>						
DOE	\$100,000	-	\$100,000	\$33,333	\$0	\$33,333
Length of grant: 3 Year grant began: 2009 Sources of the grant: American Recovery and Reinvestment Act Partners: CC Coalitions of City of Long Beach, City of Los Angeles, Coachella Valley & Western Riverside , Sou Technologies: CNG - Compressed Natural Gas, LNG - Liquefied Natural Gas Purpose: Replace approx, 200 diesel drayage trucks at the Ports of Los Angeles and Long Beach w/CNG& LNG trucks <i>Heavy-Duty Natural Gas Drayage Truck Replacement Initiative. The project will replace approx 200 diesel Drayage trucks at the Ports of Los Angeles and Long Beach with LNG trucks. DOE estimates that the project will help displace an estimated 1.8 million gallons of petroleum annually.</i>						
Total:	\$405,000	\$0	\$405,000	\$151,667	\$0	\$151,667