



# **South Bay Cities Energy Efficiency Quarterly Program Update**

**SBCCOG Board of Directors Meeting  
January 24, 2013**



## Overview

1. Achieved Energy Savings 2010-2012
2. Energy Savings Outlook 2013-2014
3. Initiatives 2013-2014



## Achievements 2010-2012

- Exceeded Energy Savings Goals:
  - SCE 2011 KPI Goal by 30%.
  - SCE 2012 Stretch Goal by 5%.
  - SCG 2010-2012 Goal by 134%. **Only LG Partnership to do so.**
- Achieved 4M kWh & 70k therms savings per year.
- Received \$594,768 in utility incentives.
- Saved \$651,944 in **annual** energy costs.
- Reduced just over 3,550 tons of CO<sub>2</sub>e emissions, an equivalency of 635 passenger vehicles per year.



# City / District Achievements

City / District	2010-2012 Achieved Savings / Incentives					ELP Level
	Annual Savings kWh	Annual Savings Therms	Annual GHG Emissions (tons)	Incentive (\$)	Annual Energy Cost Savings (\$)	
Carson	412,391	1,058	324	\$26,408	\$65,088	Silver
El Segundo	139,394	0	108	\$17,274	\$25,157	Silver
Gardena	118,432	0	91	\$23,678	\$14,765	Valued
Hawthorne	47,010	0	36	\$10,282	\$6,922	Gold
Hermosa Beach	45,994	0	35	\$9,475	\$5,958	Silver
Inglewood	592,525	0	457	\$104,574	\$82,954	Silver
Lawndale	97,136	6,614	111	\$23,790	\$20,081	Valued
Lomita	143,681	0	111	\$19,746	\$20,115	Gold
Manhattan Beach	1,034,689	0	798	\$145,255	\$144,856	Silver
Palos Verdes Estates	0	0	0	\$0	\$0	Valued
Rancho Palos Verdes	0	0	0	\$0	\$0	Silver
Redondo Beach	502,018	467	390	\$40,495	\$70,740	Silver
Rolling Hills Estates	0	0	0	\$0	\$0	Valued
City of Rolling Hills	0	0	0	\$0	\$0	Valued
Torrance	968,885	1,543	756	\$134,976	\$135,986	Silver
Hawthorne USD	0	646	4	\$1,000	\$633	N/A
Inglewood USD	0	3,876	21	\$6,000	\$3,798	
Manhattan Beach USD	0	2,386	13	\$1,980	\$2,338	
PV USD	0	48,605	268	\$24,384	\$47,633	
Torrance USD	0	4,108	23	\$4,462	\$4,026	
West Basin MWD	0	911	5	\$990	\$893	
<b>Total</b>	<b>4,102,155</b>	<b>70,214</b>	<b>3,552</b>	<b>\$594,768</b>	<b>\$651,944</b>	



## Energy Savings Outlook 2013-2014

- Energy Savings Goals:
  - SCE 1,700,000 kWh per year.
  - SCG 20,000 therms over two years.
- Current Project Activity:
  - 1,135,174 kWh savings underway. 67% of 2013 goal.
  - 26,927 therms savings in progress. 2-year goal exceeded.
- Numerous energy audit efforts are underway.



## Initiatives 2013-2014

- Continue to promote energy efficiency to municipalities, schools and special districts.
  - "At a Glance" quarterly progress reports to City Managers.
  - Training workshops: Lighting, HVAC, RCx, EE/Water Procurement.
- Developing municipal energy efficiency and water conservation procurement policy.
- Investigating procurement and upgrade options for utility-owned street lights.
- SCE incentive structure has been revised to promote LED lighting solutions.
  - Increasing LED incentive from \$0.05/kWh to \$0.08/kWh.
  - Decreasing incentives from \$0.05/kWh to \$0.03/kWh for other lighting technologies – fluorescent and induction.

The logo for gse solutions features the company name in a white, lowercase, sans-serif font. The text is centered and partially overlaid by a cluster of overlapping, semi-transparent red circles of varying sizes, creating a dynamic, organic shape behind the letters.

# gse solutions

PHONE 760 214 6805

EMAIL [gstevens@gse-solutions.com](mailto:gstevens@gse-solutions.com)

ADDRESS 800 Grand Avenue, Suite B8B  
Carlsbad, California 92008