



South Bay Cities Energy Efficiency Program Quarterly Update

SBCCOG Board of Directors' Meeting
August 28, 2014



Overview

1. Energy Savings Activity
2. SCE Energy Leader Partnership Program
3. SCE Direct Install Program
4. On-Bill Financing










Energy Savings Activity

- Annual Energy Savings Goals 2013-2014
 - SCE 2013 Goal **1,254,082 kWh** and 2014 Goal **2,165,918 kWh**.
 - SCG Goal **10,000 therms** per year.
- Current Project Activity
 - **1,946,461 kWh** savings implemented. Expecting to exceed 2-yr goal by 10%.
 - **52,634 therms** savings implemented. 2-year goal has been EXCEEDED.
- Additional future savings and incentives identified
 - 12.6M kWh savings per year
 - \$2,202,569 cost savings per year
 - 9,741 tons GHG reduced per year
 - \$2,568,772 cash incentives.



Energy Leader Partnership Program

- ELPP offers South Bay Cities financial, technical and marketing support to implement EE and DR.
- City Tier Levels
 - Lawndale, Lomita, Manhattan Beach  Platinum (\$0.12/kWh)
 - El Segundo, Hawthorne, Inglewood, Rancho Palos Verdes  Gold (\$0.09/kWh)
 - 4 Cities  Silver (\$0.06/kWh)
 - 4 Cities  Valued (\$0.03/kWh)
- Cities Likely Moving Up 2015
 - Silver  - Gardena
 - Gold  - Carson, Redondo Beach, Torrance
 - Platinum  - Hermosa Beach



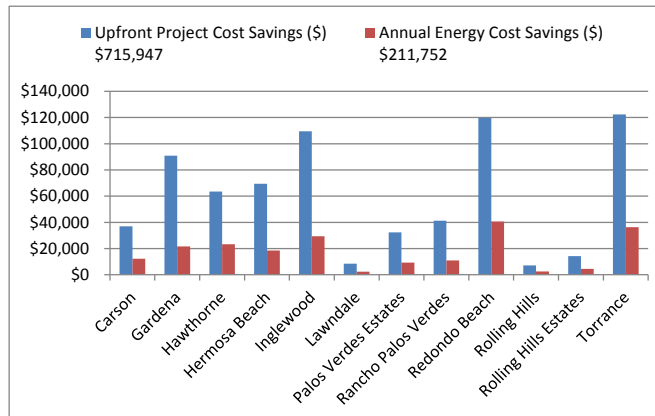
Energy Savings Since 2010

City / District	2010 - Present Achieved Savings / Incentives					ELP Level	
	Annual Savings kWh	Annual Savings Therms	Annual GHG Emissions (tons)	Incentive / DI Cost Savings (\$)	Annual Energy Cost Savings (\$)		
Carson	474,730	1,798	376	\$64,104	\$77,999	Silver	
El Segundo	139,394	0	108	\$17,274	\$25,157	Gold	
Gardena	272,402	0	210	\$114,542	\$36,487	Valued	
Hawthorne	160,806	0	124	\$73,825	\$30,264	Gold	
Hermosa Beach	164,186	0	127	\$78,983	\$24,460	Silver	
Inglewood	1,301,204	0	1,004	\$273,578	\$243,204	Gold	
Lawndale	110,682	6,614	122	\$32,272	\$25,242	PLATINUM	
Lomita	159,281	13	123	\$22,350	\$21,135	PLATINUM	
Manhattan Beach	1,034,689	0	798	\$145,255	\$117,437	PLATINUM	
Palos Verdes Estates	65,497	0	51	\$32,373	\$9,340	Valued	
Rancho Palos Verdes	51,436	0	40	\$41,238	\$10,997	Gold	
Redondo Beach	749,764	467	581	\$165,066	\$91,111	Silver	
Rolling Hills Estates	47,374	0	37	\$15,082	\$8,775	Valued	
City of Rolling Hills	12,050	0	9	\$7,111	\$2,465	Valued	
Torrance	1,172,352	16,902	998	\$265,269	\$187,394	Silver	
Hawthorne USD	0	941	5	\$1,938	\$922	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	84,845	468	\$43,298	\$83,148		
Torrance USD	0	4,108	23	\$4,462	\$4,026		
West Basin MWD	0	911	5	\$990	\$893		
Total	5,915,847	122,861	5,242	\$1,406,991	\$1,006,592		



SCE Direct Install Program

- o FREE Equipment and Installation for Qualified Measures
 - High efficiency fluorescents, motion sensors, screw-in LEDs
 - Work performed by SCE qualified contractors





On-Bill Financing

- Cities can fund qualified energy efficiency projects (gas / electric) at **zero interest** and with **no fees**.
- City will repay loan from SCG or SCE in monthly installments added as a line item on the City's utility bill.
- The loan is **bill neutral**.
- Qualified projects must be eligible for incentives and payback in 10 years or less.
- Loan amounts capped at \$250,000 per service account and \$1M City-wide.
- **3 South Bay Cities Participating**
 - Carson – \$12,616 Loan Amount (Approved)
 - Gardena – \$137,533 Loan Amount (Approved)
 - Hermosa Beach – \$475,002 Loan Amount (Approval Pending)
- Many more South Bay Cities could qualify.

The logo for gse solutions is centered on a red background. It features the word "gse" in a bold, lowercase, sans-serif font, followed by "solutions" in a lighter, lowercase, sans-serif font. To the right of the text is a graphic of several overlapping circles in shades of red, orange, and grey, arranged in a semi-circular pattern.

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