

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
		Exterior LED Lighting	Q2/19	477,067	\$81,101
		Elevator Motor-Generator Set	Q2/18	121,900	\$29,007
Manhattan Beach	Platinum	LED Sports Lighters	Q4/18	305,597	\$61,119
		Exterior LED Lighting	Q2/18	55,305	\$13,890
Palos Verdes Estates	Platinum	LED Lighting	Q4/18	33,739	\$7,240
Rancho Palos Verdes	Platinum	LED LS-1 to LS-2 Conversion	Q2/18	557,976	\$240,992
Redondo Beach	Gold	Exterior LED Lighting	Q2/19	381,513	\$64,857
		LED Lighting	Q2/18	42,311	\$7,193
Torrance	Gold	Exterior LED Lighting	Q2/19	841,894	\$143,122
		LS-1 LED Streetlights	Q4/18	3,679,729	TBD
		Interior LED Lighting	Q3/18	837,954	\$164,370
		VFD & Pump Motor	Q4/18	172,003	\$29,240
		Interior LED Lighting	Q3/18	16,741	\$4,604
Total				10,931,220	\$1,709,673

Energy Management Information – The Energy Management Working Group (EMWG) met May 24 and shared city energy efficiency projects and learned more about the newly required Early Screening Process by SCE. The group also discussed the SoCalGas Direct Install program that includes installation of free measures for city facilities. SBCCOG energy engineer and staff will be following up with city facility staff to fill out information for receiving free measures and to go over other possible therm saving measures.

Beacon Award Program – SBCCOG staff assisted cities in completing applications for the Beacon Award Program. The following seven cities have applications that were submitted: Carson, Hawthorne, Hermosa Beach, Inglewood, Manhattan Beach, Rancho Palos Verdes, and Rolling Hills Estates.

Energy Efficiency Partnership Program – Southern California Gas Company (SCG)

2018 Goal: 10,000 therms **2018 Status:** 10,800 therms

During May the SBCCOG energy engineer worked with the cities of Carson and Inglewood on boiler replacements.

<i>Agency</i>	<i>Project</i>	<i>Therm Savings</i>	<i>Incentive</i>
City of Inglewood	Replace 4 x boilers	10,800	\$10,800
City of Carson	Hemingway Park pool heaters	TBD	TBD

HERO – PACE: SBCCOG continues to promote PACE financing for homeowners. The spreadsheet below covers the activity from each South Bay members' jurisdiction since the launch date through April 2018. Proceeds from HERO for 2018 Q1 = \$442.85. Proceeds for 2018 Q2 are expected in July 2018. Total since program start in 2014 = \$28,039.97. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through April 2018 listed below:

Member	Launch Date	Eligible Housing Units *	Total Applications Received	Applications Approved	Approved Amount	Funded Projects	Funded Amount	Jobs Created***	Energy	Water	Renewable	Solar kW Installed	Annual kWh Saved	Annual CO2 Reduced (Tons)
Carson	5/23/14	21,375	1,888	1,256	\$87,812,803	716	\$ 18,495,741	167	1,206	69	179	414	4,399,500	1,078
El Segundo	5/23/14	4,209	54	45	\$7,715,419	25	\$ 639,286	6	30	6	8	18	168,929	41
Gardena	5/23/14	12,360	670	451	\$31,162,488	248	\$ 6,220,220	56	407	26	40	76	1,186,025	288
Hawthorne	5/23/14	11,621	525	381	\$30,051,774	214	\$ 4,885,356	44	333	11	38	73	1,074,189	262
Hermosa Beach	5/23/14	6,473	55	40	\$8,413,706	19	\$ 395,206	4	20	0	10	23	96,974	26
Inglewood	5/23/14	19,038	1,300	866	\$60,615,728	478	\$ 12,331,357	111	776	50	48	111	2,246,569	544
Lawndale	5/23/14	5,262	150	99	\$7,677,771	48	\$ 1,171,519	11	80	7	12	30	262,875	66
Lomita	5/23/14	4,606	107	90	\$8,605,296	45	\$ 1,070,702	10	70	6	14	39	318,778	79
Manhattan Beach	5/28/15	12,403	90	81	\$18,235,351	40	\$ 1,327,414	12	68	7	26	93	438,949	114
Palos Verdes Estates	5/28/15	5,115	36	32	\$7,062,522	10	\$ 527,780	5	16	3	4	11	78,276	20
Rancho Palos Verdes	5/23/14	14,759	211	187	\$30,298,043	86	\$ 2,342,817	21	134	6	18	62	655,232	158
Redondo Beach	3/24/15	20,292	184	152	\$20,161,910	78	\$ 1,554,437	14	113	3	18	37	428,518	105
Rolling Hills	5/23/14	698	6	6	\$1,631,678	2	\$ 119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,090	43	38	\$7,323,042	21	\$ 706,233	6	29	2	8	35	194,996	49
Torrance	5/23/14	37,899	717	584	\$62,964,315	325	\$ 7,413,962	67	459	32	102	245	1,970,844	488
Total		179,200	6,036	4,308	\$ 389,731,847	2,355	\$ 59,201,668	533	3,743	228	525	1,269	13,521,650	3,317

* Eligible housing units based off Total Single Family Homes minus 5 units or more from the Department of Finance City/County Population and Housing Estimates, 1/1/2013.

*** 1 job for every \$117,000 invested.

YGRENE – PACE:

The SBCCOG also receives funding for Ygrene activities in the South Bay in return for promoting PACE. Ygrene payments to the SBCCOG for 2018 through Q1 are \$719.85 with a total of \$7,207.71 since 2016 when program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through April 2018 is listed below:

Property Type	District	Launch Date	Totals						
			# of Homes Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount
	Carson	10/6/2015	3	570	\$40,318,290	0	\$0	3	\$39,015
	El Segundo	12/15/2015	0	14	\$2,213,266	0	\$0	0	\$0
	Gardena	7/12/2016	0	194	\$13,621,144	1	\$16,238	0	\$0
	Hawthorne	10/13/2015	0	206	\$15,332,210	0	\$0	0	\$0
	Inglewood	8/8/2017	1	141	\$11,891,629	1	\$75,000	1	\$29,460
	Lomita	8/26/2015	0	19	\$2,122,009	0	\$0	0	\$0
	Redondo Beach	1/19/2016	1	23	\$3,616,048	0	\$0	1	\$28,492
	Rolling Hills Estates	10/13/2015	0	14	\$2,953,038	0	\$0	0	\$0
	Torrance	10/13/2015	0	107	\$13,983,376	2	\$289,376	0	\$0

Property Type	District	Residential					
		# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount
	Carson	569	\$40,255,953	0	\$0	3	\$39,015
	El Segundo	14	\$2,213,266	0	\$0	0	\$0
	Gardena	192	\$13,546,751	1	\$16,238	0	\$0
	Hawthorne	202	\$14,865,247	0	\$0	0	\$0
	Inglewood	134	\$11,469,277	0	\$0	1	\$29,460
	Lomita	17	\$1,445,368	0	\$0	0	\$0
	Redondo Beach	23	\$3,616,048	0	\$0	1	\$28,492
	Rolling Hills Estates	14	\$2,953,038	0	\$0	0	\$0
	Torrance	99	\$10,590,847	1	\$55,376	0	\$0

Property Type	District	Commercial						
		# of Homes Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount
	Carson	0	1	\$62,337	0	\$0	0	\$0
	El Segundo	-	-	-	-	-	-	-
	Gardena	0	2	\$74,394	0	\$0	0	\$0
	Hawthorne	0	4	\$466,963	0	\$0	0	\$0
	Inglewood	0	7	\$422,353	1	\$75,000	0	\$0
	Lomita	0	2	\$676,641	0	\$0	0	\$0
	Redondo Beach	-	-	-	-	-	-	-
	Rolling Hills Estates	-	-	-	-	-	-	-
	Torrance	0	8	\$3,392,529	1	\$234,000	0	\$0

South Bay Green Business Assist Program (formerly Green Building Challenge)

SBCCOG staff conducted outreach to businesses in Manhattan Beach during the month of May. This month's e-newsletter includes articles on the new online GBAP business survey, along with information on reducing air leaks. Participants by city: Torrance (35), Lawndale (26), Redondo Beach (16), El Segundo (15), Gardena (15), Hawthorne (15), Carson (12), Inglewood (10), Manhattan Beach (8), Palos Verdes Estates (7), Rancho Palos Verdes (7), Hermosa Beach (5), Rolling Hills Estates (4), Lomita (3), Lennox (2), and Los Angeles County – Community of Westmont (1) for a total of 181 businesses in the program as of the end of May 2018.

Water Conservation

West Basin Municipal Water District Programs (West Basin) *Contract year is Sept. 1, 2017 through Aug. 31, 2018*

Task 1. Educational Outreach Support

Exhibit Events

Contract goals: 100 exhibit events, presentations, etc.

Status of goal: 68 exhibit events, presentations, etc.

Task 1 has been revised by West Basin to now include Water Bottle Filling Station Program and to schedule presentations by West Basin staff at SBCCOG committee meetings, if and when possible.

Water Bottle Filling Station Program

Status: SBCCOG staff is focusing efforts on Inglewood, LA County unincorporated (West Athens, Westmont, Lennox), and Lawndale.

Task 2. Support for Workshops & Events

Educational Classes

Contract goals: minimum of 12 and a maximum of 24

Status of goals: 4 completed; staff is currently identifying locations to hold Turf Removal classes

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 5 completed GOAL MET

Greywater Workshops

Contract goal: 10 workshops: 5 symposiums and 5 technical workshops (2 in each Director's division)

Status of goal: 8 workshops completed: 2/15/18 and 2/27/18 in Redondo Beach; 3/14/18 and 3/20/18 in Inglewood; 4/11/18 and 4/18/18 in Culver City (for El Segundo residents); and 5/16/18 and 5/22/18 in Hawthorne; 2 workshops scheduled: 6/13/18 and 6/20/18 in Carson

Water Harvest

Contract goal: support West Basin with Water Harvest Event

Status of goal: completed; event was held October 14, 2017 GOAL MET

Task 3. Cash for Kitchens

Contract goal: target up to 75 commercial kitchens

Status of goal: 18 water surveys completed; no surveys were conducted in May as we are waiting for the revised flyer to be completed.

Task 4. Disadvantaged Community (DAC) Water-Energy Initiative Program (Clothes-Washer)

Contract goal: provide outreach to DAC areas within West Basin's service area and provide free installation of high-efficiency showerheads, faucet aerators, and clothes washers.

Status of goal: SBCCOG staff continues with outreach efforts to develop contacts for this program.

Task 5. Translation Services

Contract goal: as needed

Status of goal: no translation services were provided in the month of May.

Torrance Water

Task 1: Support for educational classes (California Friendly Landscape Training (CFLT) or Turf Removal (TR))

Class and community events

Contract goal: as requested

Status of goal: 3 CFLT classes completed; 2 scheduled: 6/30/18 (CFLT), and 9/8/18 (TR). Torrance will be hosting the City Yard Open House on 6/2/18. Torrance has also scheduled 2 classes with WRD that we are promoting: 7/14/18 WRD Edible Gardening class and 8/11/18 WRD Sustainable Landscaping Design Class

Task 2: Cash for Kitchens

Contract goal: 10 new commercial kitchens; 10 follow-up site visits

Status of goal: 4 water surveys completed in May.

SBCCOG staff continues to conduct outreach, schedule appointments, and conduct water assessments.

MWD Caucus Meeting

The May meeting featured a presentation by West Basin Engineering Staff about the West Basin MWD Environmental Impact Report for its Ocean Desalination Project.

Water Replenishment District of Southern California (WRD) Contract year is March 21, 2018-June 30, 2019.

SBCCOG staff promoted WRD programs through the SBCCOG's information kiosk, e-newsletter, and community events including promotion of the 11th Annual Groundwater Festival to held May 12, 2018 at their headquarters in Lakewood and the Naming Ceremony for their Groundwater Reliability Improvement Project (GRIP) on May 24, 2018. The GRIP facility was named the Albert Robles Center for Water Recycling & Environmental Learning.

Sanitation Districts of LA County (LACSD) Contract year is January 1-December 31, 2018

Contract goals: Schedule up to 5 Sanitation Districts-related presentations

Status of goals: 2 have been completed: 3/20/18 and 4/19/18; SBCCOG staff continues to reach out to community organizations to schedule presentations

Los Angeles Department of Water and Power (LADWP) Contract year is January 1-December 31, 2018

Contract goals:

- 8-12 targeted special exhibit events; *Status of goal:* 5 completed; 1 scheduled: Sunday, 6/24/18 – Seal Day, Marine Mammal Care Center, San Pedro
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training given 3/15/18
- 6-8 commercial kitchens to be identified for water assessments and conservation training; *Status of goal:* SBCCOG staff in process of identifying potential commercial kitchens