

South Bay Cities Council of Governments

June 28, 2018

TO: SBCCOG Board of Directors

FROM: Jacki Bacharach, SBCCOG Executive Director
Kim Fuentes, Deputy Executive Director

SUBJECT: Environmental Activities Report – May 2018

Adherence to Strategic Plan:

Goal A: Environment, Transportation, and Economic Development. Facilitate, implement, and/or educate members and others about environmental, transportation, and economic development programs that benefit the South Bay.

I. PROGRAMS - TECHNOLOGY, PLANNING, & RESEARCH

Energy Efficiency

Energy Efficiency Partnership Program – Southern California Edison (SCE)

2018 Energy Saving Goal: 1,245,812 kWh **2018 Status:** 892,880 **Goal:** 71.7% achieved

2018 Demand Reduction Goal: 78 kW **2018 Status:** 83 kW **Goal:** Met by 106.7%

Energy Leader Partnership - The SBCCOG staff along with our energy engineer received information on April 6 that a SCE LED exterior light measure would be expiring April 30. SBCCOG engineer submitted applications for seven of our cities for the SCE LED exterior light measures by the deadline. In May, SCE rejected the applications because of a new, and unknown to the SBCCOG, Early Screening Documentation process that SCE had recently instituted. SBCCOG Deputy and Executive Directors worked with SCE and obtained reinstatement for all of the applications.

The following is a list of “pipeline” projects specific to electricity. Each city’s Energy Leader Partnership (ELP) program status is also included.

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
Carson	Gold	Lighting/Pool Boiler/Water Heater/VFD	Q2/18	28,578	\$6,144
		Pool Pump VFD	Q3/18	51,758	\$11,646
		Exterior & Interior Lighting	Q3/18	729,931	\$156,667
		LED Streetlights	Q2/18	588,596	\$234,752
		LED Sports Lighters	Q4/18	733,452	\$124,687
El Segundo	Gold	Exterior LED Lighting	Q2/19	184,396	\$31,347
Gardena	Gold	Exterior & Interior Lighting	Q4/18	78,125	\$13,281
		Exterior & Interior Lighting	Q4/18	284,534	\$24,626
Hawthorne	Platinum	Exterior LED Lighting	Q2/19	194,254	\$38,851
Hermosa Beach	Platinum	Exterior LED Lighting	Q4/18	29,574	\$5,915
		LS-1 LED Streetlights	Q4/18	212,423	\$100,000
Inglewood	Gold	Chiller VFD/HVAC Controls	Q1/19	291,870	\$115,022

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		1/12/2016	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

Transportation

Vanpool Program (Contract period Feb. 1, 2013 – Nov. 30, 2018)

Contract goals: 72 outreach events; 18 information/formation meetings

Status of goals: 231 outreach events **GOAL MET**: 12 information/formation meetings

In May, collateral materials were distributed at 5 SBCCOG outreach events. 1 meeting, in support of Vanpool formation, took place during this time-period with Green Commuter in support of their EV vanpool efforts at Aerospace Corp in El Segundo. SBCCOG Staff continued follow up and outreach formation support with Enterprise contacts. SBCCOG staff began a review of opportunities and innovations that could be incorporated into the next MOU extension for the program this Fall.

Metro Express Lanes (MEL) (Contract period Aug. 1, 2015 – Jul. 31, 2018)

Contract goal: 30 outreach events; 2 presentations (This goal is dependent upon the availability of the mobile van).

Status of goal: 283 community events and 14 presentations completed. In addition, 25 SBESC e-newsletter articles have been facilitated by SBCCOG staff. **Goal met**

SBCCOG continues to send multiple invitations and notices to Metro staff about future South Bay MEL events that would be of value for the summer holiday season.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

The following chart provides an overview of all registration events held in May 2018:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
5/16/2018	Rainwater / Greywater Class and Workshop – Hawthorne	27/101	Door Hanger: 45, Flyer: 16, Newspaper: 3, Online Calendar: 5, Other Social Media: 1, Postcard: 7, SBESC Email: 11, West Basin Social Media: 2, West Basin Website: 6, Word of Mouth: 5	JZL
5/19/2018	Rain Barrel Distribution – Inglewood (400 rain barrels distributed)	225/351	Comm. Org./Event: 6, Door Hanger: 188, Flyer: 62, Newspaper: 3, Online Calendar: 6, Other Social Media: 4, Postcard: 27, SBESC Email: 18, West Basin Social Media: 5, West Basin Website: 12, Word of Mouth: 20	CW, MS

Outreach Events

- 3 community events in May
- 2 presentations in May

Calendar year-to-date through May 2018:

- 24 community events
- 3 business events
- 8 presentations
- 1 SCE Seminar 1 employee
- 2 residential workshops
- 1 employee event

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
 - Twitter: 134 followers total, 1,700 impressions* month of May
 - Facebook: 69 likes total, 40 impressions month of May
- SBESC -- Totals for Social Media (*top tweet – right*)
 - Twitter: 525 followers total, 2,300 impressions* month of May
 - Facebook: 694 likes total, 357 impressions month of May
 - LinkedIn: 119 followers total, 89 impressions month of May

**Impressions: the number of times a post has been viewed*

Press Releases/Press Interviews/Articles/Network TV

"*Making Your Home Healthier & More Comfortable the Energy & Water Efficiency Way,*" May 29, 2018 sent to cities, chambers, and media

Earned Print Media/Online Media/Cable TV

"*West Basin Cash For Kitchens Program,*" Hawthorne Chamber of Commerce, May 31, 2018

Volunteer Program

Status of Program: 123.30 hours for May 2018; 2018 thus far = 530.55 hours

Grand total as of 5/31/18: 18,205.98 (starting April 2008)

Top Tweet earned 598 impressions

Mayor and City Council members of the City of #RollingHills were recently awarded the Gold Energy Leader recognition certificate by the SBCCOG & @SCE for their #energysaving achievement!
pic.twitter.com/djxp8tVjp5



↗ 1 ❤ 4

Top Tweet earned 286 impressions

Choose a better, greener, sunscreen...
ow.ly/LQ2c30jSIQF #greentip #EcoMonday

❤ 1