

South Bay Cities Council of Governments

July 26, 2018

TO: SBCCOG Board of Directors

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

SUBJECT: Environmental Activities Report – June 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:** 912,575 **Goal:** 73.3% achieved

2018 Demand Reduction Goal: 43.21 kW **2018 Status:** 89 kW **Goal:** Met by 205%

Energy Leader Partnership – Invited by our SCE and SCG partners, SBCCOG energy staff attended the Annual Statewide Energy Efficiency Forum that provided education, best practices, and networking opportunities designed to help local governments save energy and reduce greenhouse gas emissions in their communities. Staff was able to meet with utility and CPUC representatives as well as 3rd party providers to discuss the future of energy efficiency for municipal facilities.

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
		Exterior LED Lighting	Q2/19	477,067	\$81,101

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
		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	\$933,037
		Interior LED Lighting	Q3/18	837,954	N/A
		VFD & Pump Motor	Q4/18	172,003	\$29,240
		Interior LED Lighting	Q3/18	16,741	N/A
Total				10,931,220	\$2,473,736

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

2018 Goal: 10,000 therms **2018 Status:** 10,800 therms in pipeline awaiting SCG approval

Agency	Project	Therm Savings	Incentive
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 May 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 May 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	1,902	1,262	\$88,261,735	720	\$ 18,554,620	167	1,213	69	179	414	4,408,445	1,080
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	672	453	\$31,290,071	249	\$ 6,242,662	56	408	26	40	76	1,187,586	289
Hawthorne	5/23/14	11,621	529	382	\$30,165,212	218	\$ 4,953,806	45	340	12	38	73	1,092,359	266
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	1,306	870	\$60,897,591	481	\$ 12,392,282	112	780	51	48	111	2,250,029	545
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	109	90	\$8,605,296	46	\$ 1,143,207	10	74	6	14	39	323,538	80
Manhattan Beach	5/28/15	12,403	90	81	\$18,235,351	41	\$ 1,346,576	12	70	7	26	93	442,439	115
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	212	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	22	\$ 773,815	7	29	2	10	46	210,979	55
Torrance	5/23/14	37,899	720	586	\$63,228,658	325	\$ 7,413,962	67	459	32	102	245	1,970,844	488
Total		179,200	6,068	4,323	\$ 390,968,006	2,370	\$ 59,571,612	537	3,768	230	527	1,280	13,578,019	3,332

* 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 May 2018 is listed below:

Property Type		Totals (Residential + Commercial)							Residential (Only)							Commercial (Only)							
Jurisdiction	Launch Date	# of Properties Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount	# of Properties Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount	# of Properties Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount	
Carson	10/6/2015	3	16	\$675,607	8	\$389,722	3	\$101,936	3	16	\$675,607	8	\$389,722	3	\$101,936	-	-	-	-	-	-	-	-
Gardena	1/12/2016	0	5	\$637,245	1	\$73,001	0	\$0	0	4	\$157,245	1	\$73,001	0	\$0	0	1	\$480,000	0	\$0	0	\$0	
Hawthorne	10/13/2015	0	5	\$752,193	3	\$274,209	0	\$0	0	4	\$410,401	3	\$274,209	0	\$0	0	1	\$341,793	0	\$0	0	\$0	
Inglewood	8/8/2017	2	9	\$557,336	7	\$323,000	2	\$89,983	2	8	\$482,336	6	\$248,000	2	\$89,983	0	1	\$75,000	1	\$75,000	0	\$0	
Redondo Beach	1/19/2016	0	1	\$157,330	1	\$157,330	0	\$0	0	1	\$157,330	1	\$157,330	0	\$0	-	-	-	-	-	-	-	
Torrance	10/13/2015	0	1	\$121,330	1	\$121,330	0	\$0	0	1	\$121,330	1	\$121,330	0	\$0	-	-	-	-	-	-	-	
	Totals	5	37	\$ 2,901,042	21	\$ 1,338,593	5	\$ 191,919	5	34	\$ 2,004,250	20	\$ 1,263,593	5	\$ 191,919	0	3	\$ 896,793	1	\$ 75,000	0	\$ 0	

South Bay Green Business Assist Program

SBCCOG and City of Torrance staff met to discuss potential collaboration on the City's Green Business Network program. SBCCOG staff conducted a business outreach walk in Lawndale with Council Member Jim Osborne and met with businesses in Manhattan Beach. In addition, SBCCOG staff is in process of reaching out to current participating businesses to complete a revised survey. 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 June 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: 79 exhibit events, presentations, etc.

Task 1 has been revised by West Basin to 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: After SBCCOG staff focused efforts in Inglewood, the City has submitted an application for a Water Bottle Filling Station at Darby Park. City of Lawndale is expected to submit an application in the new FY 2018-2019 program year.

Task 2. Support for Workshops & Events

Educational Classes

Contract goals: minimum of 12 and a maximum of 24

Status of goals: 4 completed; staff finalized 5 locations to hold Turf Removal classes between the months of August 2018 and March 2019.

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 5 completed GOAL MET; SBCCOG staff is working with West Basin staff to begin to identify locations and dates for rain barrel giveaway events in the 2018-2019 contract year.

Greywater Workshops

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

Status of goal: 10 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); 5/16/18 and 5/22/18 in Hawthorne; and 6/13/18 and 6/20/18 in Carson -- GOAL MET

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: 24 water surveys completed; Six surveys were conducted in the month of June.

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 June.

Torrance Water

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

Class and community events (*This goal is dependent upon West Basin establishing classes*).

Contract goal: as requested

Status of goal: 4 CFLT/TR/Greywater classes completed; 1 scheduled: 9/8/18 (Greywater). Torrance hosted the City Yard Open House on 6/2/18. Torrance has also scheduled 2 classes with WRD that the SBCCOG is promoting: 1) 7/14/18 WRD Edible Gardening class and 2) 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: 10 water surveys completed in June; 10 follow-up site visits completed. GOAL MET.

MWD Caucus Meeting

At the June meeting there was a presentation by Brad Coffey, Metropolitan Water District Group Manager, Water Resource Management that included an overview of water conservation legislation signed by Governor Brown May 31, 2018. The legislation focuses on urban water use efficiency and drought planning under the banner "Conservation is a California Way of Life." Mr. Coffey also gave an evaluation of the regional storage portfolio; an update on the Local Resource Program; and conservation and outreach activities in disadvantaged communities.

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

Promotion of WRD programs continues through the SBCCOG's information kiosk, SBESC e-newsletter, the Green Building Assist Program e-newsletter, and community events. SBCCOG staff is working with WRD staff to schedule a Spanish-language Edible Gardening Workshop in Lennox.

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; 1 has been scheduled: 10/9/18. 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:* 6 completed
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training 3/15/18 - GOAL MET
- 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; water assessments are scheduled to begin in July.

Transportation

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

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

Status of goals: 242 outreach events - GOAL MET: 13 information/formation meetings

In June, collateral materials were distributed at 11 SBCCOG outreach events. In addition, 1 meeting was held with California State University Dominguez Hills (CSUDH) in support of restarting their EV vanpool efforts. SBCCOG leveraged work on the South Bay Workforce Investment Board's Flexible Work Study to establish new contacts at 5 large South Bay employers and will conduct follow-up to assess vanpool interest. SBCCOG Staff continued follow up and outreach formation support with Enterprise contacts. SBCCOG staff reviewed and drafted opportunities and innovations to the existing Vanpool Scope of Work in support of proposed extension to the Metro MOU this Fall.

Metro Express Lanes (MEL) (Contract period Aug. 1, 2015 – Jul. 31, 2019)

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

Status of goal: 294 community events and 14 presentations completed. In addition, 26 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 June 2018:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
6/13/2018	Rainwater / Greywater Class and Workshop – Carson	27/68	Community Org./Event: 1, Door Hanger: 27, Flyer: 10, Online Calendar: 4, Other Social Media: 8, Postcard: 7, SBESC Email: 11, West Basin Social Media: 5, West Basin Website: 5, Word of Mouth: 7, Walk-In: 14	ML
6/30/2018	California Friendly Landscape Training – Torrance	76/161	Email: 87; Flyer: 7; Friend or Family: 8; Local Publication: 6, Social Media: 3, Website: 23, Other: 27	MS

Outreach Events

- 8 community events in June
- 2 presentations in June
- 1 SCE Seminar in June

Calendar year-to-date through June 2018:

- 32 community events
- 3 business events
- 10 presentations
- 2 SCE Seminar 1 employee
- 2 residential workshops
- 1 employee event

Media

Social Media

- **SBCCOG** -- Totals for Social Media (SBCCOG) (*top tweet – right*)
 - Twitter: 145 followers total, 943 impressions* month of June
 - Facebook: 69 likes total, 40 impressions month of June
- **SBESC** -- Totals for Social Media (*top tweet – right*)
 - Twitter: 529 followers total, 5,000 impressions* month of June
 - Facebook: 704 likes total, 1,536 impressions month of June
 - LinkedIn: 120 followers total, 66 impressions month of June

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

Press Releases/Press Interviews/Articles/Network TV

"South Bay Environmental Services Center to host a Volunteer Training & Recruitment event," June 4, 2018 sent to cities, chambers, and media
"West Basin Cash for Kitchen Program," June 28, 2018 sent to cities and chambers

Earned Print Media/Online Media/Cable TV

"West Basin Cash for Kitchens Program," Hawthorne Chamber of Commerce Weekly Newsletter June 6, 13, 20, and 17, 2018
"Recruitment: South Bay Environmental Services Center hosts a Volunteer Training and Recruitment event," June 22, 2018
"Certify your green business in Hawthorne," City of Hawthorne Recycle Newsletter, Summer 2018

Volunteer Program

Status of Program: 121.80 hours for June 2018; 2018 thus far = 652.35 hours
Grand total as of 6/30/18: 18,327.78 (starting April 2008)

Volunteer training was held on June 28th. 21 people attended.

Top Tweet earned 95 impressions

Be safe **#SBESC**
twitter.com/SCE/status/100...

Top Tweet earned 1,597 impressions

.@WestBasin's "Cash for Kitchens" offers a free water-use survey 4 restaurant & kitchen facilities to determine eligibility to receive new high-efficiency equipment, installation of the equipment, & removal of old equipment, all FREE of charge! ow.ly/6SRQ30khoM8 #SouthBay pic.twitter.com/GTxRTmIC67

