

South Bay Cities Council of Governments

September 10, 2018

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – August 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:** 1,665,337 kWh **Goal: Met by 133.7%**

2018 Demand Reduction Goal: 43.21 kW **2018 Status:** 89 kW **Goal: Met by 205.6%**

Energy Leader Partnership – Congratulations to the City of Hawthorne for winning the 2018 Cool Planet Award in the Government & Institutional – Small (Los Angeles County) sector. The SBCCOG’s energy engineer and Hawthorne city staff worked with SCE and the Climate registry to achieve this award.

Our energy engineer and city staff have been actively identifying energy efficiency projects and preparing incentive and rebate applications. As measures and rebates often expire without much notice, it is important to keep moving forward with city projects during this calendar year. In addition, as the environment for energy efficiency is changing it is unclear if incentive and rebates will be available to local governments in 2019 and beyond.

SBCCOG staff has been working with other partnerships, utility partners, and other agencies to try and secure future funding for partnerships and incentive/rebates for local governments. Staff has also been looking into other avenues of future funding. Staff attended a SCE Workshop and a SCG webinar on Third Party Solicitations. These presentations explained how third parties could submit ideas for new types of programs to reach state goals.

The South Bay has a robust “pipeline” of projects specific to electricity (listed below). Note: if projects are in progress and are scheduled to be completed in 2019, the funding is committed by Edison to complete their obligation as long as the city also meets all of their project requirements. (Also in the chart is each city’s Energy Leader Partnership (ELP) program status.)

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
Carson	Gold	Pool Pump VFD	Q3/18	51,758	\$11,646
		LED Streetlights	Q3/18	588,596	\$234,752
		LED Sports Lighters	Q2/19	733,452	\$124,687
El Segundo	Gold	Exterior LED Lighting	Q2/19	184,396	\$31,347
Gardena	Gold	Exterior & Interior Lighting	Q2/19	78,125	\$13,281
		Exterior & Interior Lighting	Q2/19	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	Platinum	Chiller VFD/HVAC Controls	Q1/19	238,000	\$63,645
		Exterior LED Lighting	Q2/19	477,067	\$81,101
		Elevator Motor-Generator Set	Q3/18	121,900	\$29,007
Manhattan Beach	Platinum	LED Sports Lighters	Q2/19	305,597	\$61,119
		Street lights (LS-1 to LS-2 conversion)	Q4/19	517,922	\$103,584
		Exterior LED Lighting	Q4/18	55,305	\$13,890
Palos Verdes Estates	Platinum	LED Lighting	Q2/19	33,739	\$7,240
Rancho Palos Verdes	Platinum	LED LS-1 to LS-2 Conversion	Q4/19	557,976	\$240,992
Redondo Beach	Gold	Exterior LED Lighting	Q2/19	381,513	\$64,857
		LED Lighting	Q1/19	42,311	\$7,193
Rolling Hills	Gold	LED Lighting	Q4/18	9,000	N/A
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	Q2/19	837,954	N/A
		VFD & Pump Motor	Q4/18	172,003	\$29,240
		Interior LED Lighting	Q4/18	16,741	N/A
Total				10,005,409	\$2,116,734

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

2018 Goal: 10,000 therms **2018 Status:** 16,656 therms in pipeline awaiting SCG approval

<i>Agency</i>	<i>Project</i>	<i>Therm Savings</i>	<i>Incentive</i>
City of Inglewood	Replace 3 x boilers	10,800	\$10,800
City of Carson	Hemingway Park pool heaters	5,856	\$5,856
Total		16,656	\$16,656

Energy Management Information – Two important dates for the Energy Management Working Group - September 27 Working Group regular meeting, and November 29 Energy Efficiency/ Energy Leader Recognition Luncheon at the George Nakano Theatre.

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 July 2018. Proceeds from HERO for 2018 Q2 = \$568.84. Proceeds for 2018 Q3 are expected in October 2018. Total since program start in 2014 = \$28,608.81. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through July 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	1,937	1,275	\$89,287,928	728	\$ 18,775,037	169	1,231	69	181	419	4,509,344	1,103
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	687	459	\$31,838,293	251	\$ 6,272,233	57	411	26	40	76	1,205,562	292
Hawthorne	5/23/14	11,621	542	390	\$30,763,609	221	\$ 5,032,186	45	344	12	42	79	1,105,564	270
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	1,321	875	\$61,387,391	482	\$ 12,438,589	112	783	51	48	111	2,252,091	545
Lawndale	5/23/14	5,262	154	102	\$7,969,553	49	\$ 1,224,893	11	83	7	12	30	265,505	67
Lomita	5/23/14	4,606	113	92	\$8,773,994	46	\$ 1,143,207	10	74	6	14	39	323,538	80
Manhattan Beach	5/28/15	12,403	91	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	215	188	\$30,447,832	86	\$ 2,342,817	21	134	6	18	62	655,232	158
Redondo Beach	3/24/15	20,292	186	153	\$20,285,594	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	45	40	\$7,727,160	23	\$ 868,135	8	29	3	10	46	210,979	55
Torrance	5/23/14	37,899	730	595	\$64,274,314	328	\$ 7,528,531	68	464	32	104	255	2,014,237	499
Total		179,200	6,172	4,373	\$ 395,814,344	2,389	\$ 60,208,552	542	3,804	231	535	1,300	13,758,182	3,376

* 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 Q2 are \$1,101.70 with a total of \$7,589.56 since 2016 when program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through July 2018 is listed below:

Property Type	Totals (Residential + Commercial)							
	Jurisdiction	# of Properties Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount
El Segundo		1	0	\$154,711	0	\$0	1	\$22,515
Gardena		0	2	\$184,902	2	\$184,902	0	\$0
Hawthorne		2	0	\$310,685	0	\$0	2	\$53,302
Inglewood		1	0	\$0	0	\$0	1	\$53,850
Redondo Beach		1	0	\$157,330	0	\$0	1	\$19,839
Torrance		0	2	\$107,472	1	\$107,472	0	\$0
Totals		5	4	\$915,099	3	\$292,373	5	\$149,506

South Bay Green Business Assist Program (GBAP)

SBCCOG was awarded both City of Torrance and City of Hawthorne CA Green Business Network contracts. Kick off meetings were held with each city, and appointments have been scheduled. The first audit, under this program, was conducted in Hawthorne. Golden State Water and West Basin Municipal Water District have renewed sponsorship of the GBAP. Participants by city: Torrance (35), Lawndale (26), Redondo Beach (16), El Segundo (15), Gardena (15), Hawthorne (16), 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 182 businesses in the program as of the end of August 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: 89 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 dependent on West Basin schedule and need.

Water Bottle Filling Station Program

Status: West Basin has continued the funding of this program; new funding cycle began July 1st. Public sites will have the opportunity to install two (2) water bottle filling stations for the same Tax ID # (changed from only one allowed in previous funding cycle). SBCCOG staff received updated program materials during August and has begun to disseminate the information.

Task 2. Support for Workshops & Events

Educational Classes

Contract goals: minimum of 12 and a maximum of 24

Status of goals: 5 completed; West Basin put task on hold as they were waiting for new classes offered through MWD. SBCCOG staff continued to work on scheduling to prepare for when the new classes would be offered. The first of the new classes is the Landscape Transformation which took place on August 29th in Carson. An additional 4 classes have been scheduled between September 2018 and March 2019 but they will be for the contract year of 2018-2019.

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 5 completed -- **GOAL MET**; SBCCOG staff is working with West Basin staff to finalize 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 -- **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: 48 water surveys completed; 11 surveys were conducted in the month of August. The program was on-hold by West Basin for four months; however, the overall program goal that overlaps our contract years is 200 by December 31, 2019. Staff is on track to meet overall program goals.

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 August.

Torrance Water Contract year is July 1, 2018 through June 30, 2019

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 hosted a WRD Edible Gardening class on 7/14/18

and a Sustainable Landscaping Design class on 8/11/18; both classes were promoted through all of the SBCCOG and SBESC media channels.

Task 2: Cash for Kitchens

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

Status of goal: 1 follow-up site visit completed

Water Replenishment District of Southern California (WRD) *Contract year is March 21, 2018-June 30, 2019.* SBCCOG staff finalized arrangements with WRD to present a Spanish-language Edible Gardening Workshop in Lennox on August 18th. Due to low registration, the class was postponed. SBCCOG staff has located another venue in Lennox and is working with WRD staff to coordinate a new date. Ongoing promotion of WRD programs continues through the SBCCOG's information kiosk, SBESC e-newsletter, and the Green Building Assist Program e-newsletter.

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; 2 have been scheduled: 10/9/18 and 11/01/18.

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:* 7 completed; staff has identified additional events in Wilmington and Harbor City. Plans are to exhibit at the San Pedro Farmers Market in September or October.
- 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:* 4 water surveys completed; three surveys were conducted in the month of August.

Transportation

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

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

Status of goals: 249 outreach events - **GOAL MET**; 14 information/formation meetings

In August, collateral materials were distributed at five SBCCOG outreach events. SBCCOG staff, on behalf of the Wedgewood Real Estate Investment Company, conducted a geo-matching analysis for future vanpool formation meetings. Discussions continue to support CSUDH's efforts to re-establish their vanpool program. In addition, SBCCOG staff continued to support the City of Torrance's efforts to facilitate new vanpool formation. SBCCOG Staff continued follow-up and outreach formation support with Enterprise contacts.

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: 310 community events and 14 presentations completed. In addition, 27 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 Labor Day events and future South Bay Rideshare events this Fall.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

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

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
8/29/2018	Landscape Transformation Class - Carson	67/150	Door Hanger: 8, Flyer: 24, Online Calendar: 2, Other Social Media: 17, SBESC Email: 65, West Basin Social Media: 15, West Basin Website: 8, Word of Mouth: 11	GF

Outreach Events

- 3 community events in August
- 1 residential workshop in August
- 1 SCE Seminar in August

Calendar year-to-date through August 2018:

- 36 community events
- 3 business events
- 10 presentations
- 4 SCE Seminar 1 employee
- 4 residential workshops
- 1 networking opportunity
- 1 employee event

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
 - Twitter: 156 followers total, 70 impressions* month of August
 - Facebook: 71 likes total, 145 impressions month of August
- SBESC -- Totals for Social Media (*top tweet – right*)
 - Twitter: 538 followers total, 5,200 impressions* month of August
 - Facebook: 718 likes total, 12,250 impressions month of August
 - LinkedIn: 120 followers total, 60 impressions month of August

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

Press Releases/Press Interviews/Articles/Network TV

"Moving Toward Zero Waste Workshop," August 28, 2018 sent to cities, chambers, and media

Volunteer Program

Status of Program: 89.5 hours for August 2018; 2018 thus far = 828.60 hours

Grand total as of 8/31/18: 18,504.03 (starting April 2008)

The date for the Volunteer Recognition is November 15, just prior to start of the November Board of Directors meeting in the Client Theater. All Board members are invited and encouraged to attend. Staff is seeking gifts for the volunteers from our partners. Partners have also been invited to the Volunteer Recognition.

Top Tweet earned 50 impressions

Thousands of individuals and families have been helped through the @CountyofLA dynamic Countywide movement to combat and prevent homelessness. See the significant steps being made to advance their efforts through the Impact Dashboard: homeless.lacounty.gov/impact-dashboa...

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Top Tweet earned 1,684 impressions

#FREE Sustainable Landscape Design Class via @WRDsocal & @TorranceCA this Saturday: ow.ly/QHno30lkf3B
pic.twitter.com/uRkfZvj8f2

FREE Sustainable Landscape Design Class

TIME: 9:00AM - 12:00PM

WHERE: Madrona Marsh Preserve and Nature Center
3201 Plaza del Amo
Torrance, CA 90503
(310) 782-3989

WHEN: Saturday, August 11, 2018

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