

South Bay Cities Council of Governments

April 8, 2019

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – March 2019

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

Climate Adaptation

Currently under development – sub-regional vulnerability assessment sections: introduction, climate projections, and water sector analysis. Cities have received an update on the progress of the assessment and have been invited to provide feedback on the SBCCOG’s indicators for the social vulnerability index. Sections of the vulnerability assessment will be released one at a time to cities for review beginning in May 2019.

The CivicSpark Fellow has been working with UCLA’s Sustainable LA Grand Challenge to develop the biodiversity/ecosystem section of the vulnerability assessment. SBCCOG Staff and Climate Fellow are still in consultation with USGS and USC Sea Grant regarding sea level rise projections. The SBCCOG will convene city planners of coastal cities to solicit their feedback on scenarios. USGS will provide a package of the sea level rise GIS layers once the scenarios are confirmed.

Energy Efficiency

SBCCOG staff attended the SCE/SCG All Partner Meeting in March. The timeline for Requests for Abstracts has been pushed back and there is no new date for release. SBCCOG staff continues to seek out and meet with third parties to find synergies for future energy efficiency work. SBCCOG staff also continues to work with cities on the park lighting bulk purchase.

Energy Efficiency Partnership Program – Southern California Edison (SCE)

2019 Energy Saving Goal: 1,459,446 kWh **2018 Status:** 228,755 kWh% of **GOAL: 15.7%**

2019 Demand Reduction Goal: 256 kW **2019 Status:** 24 kW% **GOAL: 9.3%**

The South Bay continues to have a robust “pipeline” of projects specific to electricity (listed below). Note: if projects are in progress and are scheduled to be completed in 2019, SCE is committed to complete their funding obligations as long as the city also meets all of their project requirements. (Also, listed 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	Platinum	LED Streetlights	Q2/19	588,596	\$234,752
		LED Sports Lighters	Q4/19	733,452	\$124,687

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
El Segundo	Gold	Exterior LED Lighting	Q4/19	184,396	\$31,347
Gardena	Gold	Exterior & Interior Lighting	Q4/19	78,125	\$13,281
		Exterior & Interior Lighting	Q2/19	284,534	\$24,626
Hawthorne	Platinum	Exterior LED Lighting	Q4/19	194,254	\$38,851
Hermosa Beach	Platinum	Exterior LED Lighting	Q4/19	29,574	\$5,915
		LS-1 LED Streetlights	Q2/19	212,423	\$100,000
Inglewood	Platinum	Chiller VFD/HVAC Controls	Q2/19	238,000	\$63,645
		Exterior LED Lighting	Q4/19	477,067	\$81,101
Manhattan Beach	Platinum	LED Sports Lighters	Q4/19	305,597	\$61,119
		Street lights (LS-1 to LS-2 conversion)	Q4/19	517,922	\$103,584
Palos Verdes Estates	Platinum	LED Lighting	Q4/19	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	Q4/19	381,513	\$64,857
		LED Lighting	Q4/19	42,311	\$7,193
Rolling Hills	Gold	LED Lighting	Q2/19	9,000	N/A
Torrance	Gold	Exterior LED Lighting	Q2/19	841,894	\$143,122
		LS-1 LED Streetlights	Q2/19	3,679,729	\$1,183,310
		Interior LED Lighting	Q4/19	837,954	N/A
		VFD & Pump Motor	Q2/19	172,003	\$29,240
		Interior LED Lighting	Q2/19	16,741	N/A
Total				10,204,377	\$2,458,862

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

2019 Goal: 10,000 therms **2019 Status:** 0 therms installed **GOAL: 0%**

Agency	Project	Therm Savings	Incentive
Torrance USD	Pool heaters	TBD	TBD
City of Torrance	Space heating boiler	TBD	TBD
Total		0	0

SCE/SCG Strategic Plan Funding: The SBCCOG Energy Engineer continued to work with cities to complete benchmarking. Currently Carson and Torrance are taking advantage of this program. The final report has been started – currently analyzing data. The project is expected to be completed in fall 2019.

Energy Management Working Group:

Topics covered at the March EMWG meeting included a Time of Use/Rate Change presentation by SCE; energy efficiency project review and city sharing; status of the South Bay vulnerability assessment; Strategic Plan project update; and General Assembly feedback. The next meeting is scheduled for May 23, 2019.

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 February 2019. Proceeds from HERO for 2018 Q4 = \$601.18. Proceeds for 2019 Q1 are expected in late April 2019. Total since program start

in 2014 = \$29,847.34. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through February 2019 is 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	5/23/2014	21,478	2,014	1,307	\$91,796,084	749	\$19,322,664	174	1,262	75	187	436	4,624,670	1,132
El Segundo	5/23/2014	4,227	55	45	\$7,715,419	25	\$639,286	6	30	6	8	18	170,939	41
Gardena	5/23/2014	12,413	718	469	\$32,612,420	258	\$6,426,661	58	422	27	42	82	1,275,838	309
Hawthorne	5/23/2014	11,772	563	400	\$31,661,416	229	\$5,263,267	47	359	12	44	88	1,168,192	286
Hermosa Beach	5/23/2014	6,514	56	41	\$8,626,909	19	\$395,206	4	20	0	10	23	93,199	25
Inglewood	5/23/2014	19,071	1,359	892	\$63,058,216	495	\$12,885,384	116	813	54	48	111	2,356,137	569
Lawndale	5/23/2014	5,272	162	106	\$8,337,878	51	\$1,367,357	12	89	7	12	30	282,859	71
Lomita	5/23/2014	4,619	115	93	\$8,855,153	48	\$1,187,680	11	77	6	14	39	325,459	80
Manhattan Beach	5/28/2015	12,444	95	81	\$18,235,351	41	\$1,346,576	12	70	7	26	93	442,439	115
Palos Verdes Estates	5/28/2015	5,123	38	34	\$7,516,281	10	\$527,780	5	16	3	4	11	78,276	20
Rancho Palos Verdes	5/23/2014	14,837	225	196	\$31,726,684	90	\$2,608,491	24	153	7	20	71	728,626	176
Redondo Beach	3/24/2015	20,477	190	155	\$20,585,717	79	\$1,561,997	14	115	3	18	37	442,331	108
Rolling Hills	5/23/2014	706	6	6	\$1,631,678	2	\$119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/2014	3,104	46	40	\$7,727,160	23	\$868,135	8	29	3	10	46	210,979	55
Torrance	5/23/2014	37,971	743	603	\$65,265,862	337	\$7,780,491	70	482	32	106	258	2,072,451	513
Total		180,028	6,385	4,468	\$ 405,352,229	2,456	\$ 62,300,612	561	3,939	242	549	1,344	14,273,392	3,498

* 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 Q4 are \$1,861.73 with a total of \$8,349.59 since 2016 when the program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through February 2019 is listed below:

District	# of Apps	Jobs Created	Gallons of Water Saved	Annual Gallons of Water Saved	Economic Stimulus	Lifetime CO2 Reduced or Abated (Mtons)	Lifetime KWh Saved	Annual kWh Saved	Annual CO2 Reduced or Abated (Mtons)
Carson	2	0	0	0	\$21,248	10	60,708	1,518	0.25
Gardena	0	0	0	0	\$0	0	0	0	0.00
Hawthorne	1	0	0	0	\$0	0	0	0	0.00
Inglewood	3	2	518,400	20,851	\$292,500	140	814,291	27,203	4.71
Redondo Beach	1	0	0	0	\$0	0	0	0	0.00
Torrance	1	0	0	0	\$64,250	31	183,573	6,119	1.03
Total	8	2	518,400	20,851	\$377,998	181	1,058,571	34,839	6

CA Green Business Network (CAGBN) & South Bay Green Business Assist Program (GBAP):

CAGBN – During the month of March SBCCOG staff assisted CAGBN cities of Hawthorne and Torrance with remaining reporting, follow-up, and information needed for new contracts. Staff worked with Torrance on final details for promotional video of green certified businesses. Staff also worked with Hawthorne Mayor Pro Tem Valentine on the coordination and planning of the City Council presentation of certificates for green certified businesses for the April 23 city council meeting.

CAGBN:

SBCCOG staff continues to provide information on sustainability actions to local businesses. In addition, as businesses are certified through Hawthorne and Torrance, they also become GBAP participants. GBAP by city: Torrance (45), Lawndale (26), Hawthorne (24), Redondo Beach (16), El Segundo (15), Gardena (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 200 businesses in the program as of the end of March 2019.

Water Conservation

West Basin Municipal Water District Programs (West Basin) Contract year is Sept. 1, 2018 through June 30, 2019*

**The West Basin contract is for 10 months to align with the SBCCOG July 1 – June 30 fiscal year.*

Task 1. Educational Outreach Support

Exhibit Events

Contract goals: 100 exhibit events, presentations, etc.

Status of goal: completed 7 in March for a total of 54 exhibit events, presentations, etc.

Water Bottle Filling Station Program

Contract goals: To assist with identifying locations for stations.

Status: Public sites are eligible to install two (2) water bottle filling stations for the same Tax ID # (changed from only one allowed in previous funding cycle). In March, SBCCOG staff promoted the program at the Energy Management Working Group attended by facilities managers; sent an e-mail to Public Works Directors, and followed-up with the following cities and school districts: City of Manhattan Beach, City of Gardena, City of Inglewood, City of Malibu, Los Angeles County Sanitation District, Palos Verdes Peninsula High School, Environmental Charter High School, Lennox School District, and Redondo Union High School.

SBCCOG staff will provide information about the program at the following meetings in April - City Manager's Meeting, Infrastructure Working Group Meeting, and Park Directors Meeting. In addition, SBCCOG staff, is promoting this program through social media.

Task 2. Support for Workshops & Events

Educational Classes

Contract goals: minimum of 5 and a maximum of 8

Status of goals: 4 completed; working with WB to schedule next class

SBCCOG staff worked in conjunction West Basin staff to schedule Landscape Transformation (Turf Removal) classes (MWD class offering).

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 4 completed; 1 scheduled

The next rain barrel event is Morningside High School in Inglewood as the site for the May 4, 2019 event in Division II.

Greywater Workshops:

Contract goal: 5 workshops

Status of goal: 0 workshops completed

SBCCOG is working with West Basin staff to identify locations and dates in the Spring for the greywater workshops.

Task 3. Cash for Kitchens:

Contract goal: target 200 commercial kitchens by Dec. 2019 this goal overlaps contract years

Status of goal: 56 water surveys completed; No surveys were conducted in the month of March. SBCCOG is waiting for WBMWD staff to provide new program specifics.

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

Contract goal: provide outreach to DAC communities within West Basin's service area and provide free installation of 500 high-efficiency showerheads, 1,500 faucet aerators, and 500 clothes washers.

Status of goal: SBCCOG staff will be assisting West Basin with this program when it is rolled out in the next month. West Basin is developing the application process and identifying a company to deliver the washing machines to qualified households.

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 Torrance establishing classes).

Contract goal: as requested

Status of goal: 10 CFLT/TR/Greywater classes completed. A CFLT class was held on March 23rd at West High School. Torrance has scheduled 1 class per month between March and September 2019.

Task 2: Cash for Kitchens

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

Status of goal: 2 water surveys completed; 2 follow-up site visits completed.

SBCCOG staff conducted an outreach walk in the City of Torrance.

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

Ongoing promotion of WRD programs continues through the SBCCOG's information kiosk, e-newsletters, and other social media channels for the month of March. WRD and Torrance Water are collaborating for 3 new classes - June Sustainable Landscape Design; August Irrigation Basics; and September Edible Gardening. The April SBCCOG Partners meeting will be held offsite at WRD headquarters.

Sanitation Districts of LA County (LACSD) Contract year is January 1-June 30, 2019

The Sanitation Districts has requested our contract be aligned with the fiscal year.

Contract goals: Schedule up to 2-3 Sanitation Districts-related presentations

Status of goals: 1; SBCCOG staff is researching venues for April and May.

Los Angeles Department of Water and Power (LADWP) Contract year is January 1-December 31, 2019

Contract goals:

- 8-12 targeted special exhibit events; *Status of goal:* 1 completed; 1 identified for April. SBCCOG staff is in the process of identifying others.
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training is scheduled for April 4.
- 6-8 commercial kitchens to be identified for water assessments and conservation training. *Status of goal:* 5 water surveys completed.

In the month of March, SBCCOG staff conducted an outreach walk in the City of Wilmington and San Pedro.

Transportation

Vanpool Program (Contract period Feb. 1, 2013 – June 30, 2019)

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

Status of goals: 303 outreach events - **GOAL MET**; 18 information/formation meetings - **GOAL MET**

In March, collateral materials were distributed at seven SBCCOG outreach events. SBCCOG staff's outreach efforts focused on: contacting Metro vanpool providers to coordinate outreach and formation meeting opportunities in the South Bay. Staff reached out to South Bay cities and corporations to schedule SBCCOG participation for "Earth Day" events that would feature the distribution of Vanpool information to employees. Formation efforts continued with Wedgewood Properties, Raytheon, County of Los Angeles, the City of Torrance, and CSUDH. SBCCOG continued to work with Metro staff to develop scope of work/budget for a new Metro TDM Outreach Contract.

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: 364 community events and 14 presentations completed. In addition, 29 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 at South Bay events. Staff met with MEL Team to receive and review new MEL Outreach literature.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

The following chart provides an overview of all registration events held in March 2019:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
3/16/2019	Rain Barrel Distribution – Hawthorne (400 rain barrels distributed)	230/413	Community Organization/Event: 9, Door Hanger: 101, Flyer: 84, Newspaper: 3, Online Calendar: 9, Other Social Media: 18, Postcard: 9, SBESC Email: 94, West Basin Social Media: 10, West Basin Website: 38, Word of Mouth: 38, Walk-In: 18	GF, MS
3/23/2019	Turf Removal Class – Torrance	55/77	Email: 9, Flyer: 10, Local Publication: 43, Social Media: 4, Website: 8, Other: 3, Walk-In: 12	ML
3/30/2019	Landscape Transformation Class – Lawndale	33/70	Community Organization/Event: 1, Door Hanger: 19, Flyer: 21, Online Calendar: 1, Other Social Media: 2, Postcard: 7, SBESC Email: 3, West Basin Social Media: 2, West Basin Website: 10, Word of Mouth: 4	AB

Outreach Events

In March:

- 0 presentation
- 1 community events
- 1 residential workshop
- 0 business events
- 4 meetings
- 1 SCE Seminar

Calendar year-to-date through 2019:

- 2 community events
- 2 business events
- 2 presentations
- 1SCE Seminars
- 5residential workshops
- 1 networking opportunity
- 0 employee events
- 13 meetings

Media

Social Media (*during the month of March*)

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
 - Twitter: 200 followers total, 14,300 impressions*
 - Facebook: 98 likes total, 90 impressions
- SBESC -- Totals for Social Media (*top tweet – right*)
 - Twitter: 546 followers total, 3,900 impressions*
 - Facebook: 740 likes total, 722 impressions
 - LinkedIn: 130 followers total, 46 impressions

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

Press Releases/Press Interviews/Articles/Network TV

“Join in the Fun, Comradery and Meaningful Work of a South Bay Environmental Services Center Volunteer - Recruiting Now!,” Press Release Daily Breeze, The Beach Reporter, Palos Verdes Peninsula News, Easy Reader, Random Lengths, L. A. Times, March 2019

Volunteer Program

Status of Program: 86.58 hours for March 2019; 2019 thus far = 339.63 hours; *Grand total* as of 3/31/19: 19,139.91 (starting April 2008)

A volunteer orientation/training is scheduled for April 4th.

Top Tweet earned 635 impressions

Our friends from @BCHD are continuing the subject of #wellbeing to finish off today's #20thGA2019

👍 2 ❤️ 2

Top Tweet earned 275 impressions

Join the thousands of home and business owners who have earned cash back rebates by installing solar energy systems through the California Solar Initiative...

ow.ly/LQkx30nPB6r #greentip via @greenbusinessca #EcoMonday

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