

South Bay Cities Council of Governments

March 11, 2019

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – February 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

The introduction and climate projections are nearly complete for the draft sub-regional vulnerability assessment, and these sections will be ready for internal staff review the first part of March. Working with a GIS volunteer, the generation of city-specific ‘public facilities’ and ‘EMS facilities’ has been completed. The SBCCOG is still missing a completed critical facility review from the cities of Gardena and Lawndale. If not received by March 8, 2019, the SBCCOG will rely on the open-source data that was initially identified. In addition, the CivicSpark Fellow has been working with SBCCOG partners to collect data that will also be used in the vulnerability assessment. At this time, only SCE and Metro have not responded.

After speaking with advisors from USC Sea Grant and USGS, it was agreed to take the extra time to reach out to all municipal water agencies in order to complete a robust inventory of critical water infrastructure and assess its vulnerability to flooding and sea level rise inundation. As a result, the GIS overlay analysis section of the vulnerability assessment will be completed in April. The Fellow is working with advisors and SBCCOG staff to determine which sea level rise scenario is best to utilize in the sub-regional vulnerability assessment.

Energy Efficiency

SBCCOG staff continues to meet with third parties to find synergies for future energy efficiency work. Two meetings were held in February. SBCCOG staff also continues to work with cities on the park lighting bulk purchase. Status to date: **Moving Forward:** Carson, Hawthorne, Redondo Beach, and Torrance; **Undecided:** Gardena, Inglewood; and **Not Moving Forward:** El Segundo (due to budget) and Manhattan Beach (due to cost payback analysis). SCE approved a time extension for completion which is now April 2020.

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	Q1/19	588,596	\$234,752
		LED Sports Lighters	Q4/19	733,452	\$124,687
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	Q1/19	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	Q1/19	9,000	N/A
Torrance	Gold	Exterior LED Lighting	Q4/19	841,894	\$143,122
		LS-1 LED Streetlights	Q1/19	3,679,729	\$933,037
		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	10,416,800	\$2,308,589

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

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

<i>Agency</i>	<i>Project</i>	<i>Therm Savings</i>	<i>Incentive</i>
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. The final report has been started – currently analyzing data. The project is expected to be completed in fall 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 January 2019. Proceeds from HERO for 2018 Q4 = \$601.18. Proceeds for 2019 Q1 are expected in late March 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 January 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	5/23/14	21,478	2,005	1,306	\$91,709,899	749	\$19,322,664	174	1,262	75	187	436	4,624,670	1,132
El Segundo	5/23/14	4,227	55	45	\$7,715,419	25	\$639,286	6	30	6	8	18	170,939	41
Gardena	5/23/14	12,413	713	467	\$32,437,364	257	\$6,406,311	58	419	27	42	82	1,240,645	302
Hawthorne	5/23/14	11,772	561	397	\$31,405,264	227	\$5,192,735	47	356	12	42	79	1,151,338	280
Hermosa Beach	5/23/14	6,514	55	40	\$8,413,706	19	\$395,206	4	20	0	10	23	93,199	25
Inglewood	5/23/14	19,071	1,352	889	\$62,770,876	493	\$12,855,406	116	811	54	48	111	2,352,233	568
Lawndale	5/23/14	5,272	162	106	\$8,337,878	51	\$1,367,357	12	89	7	12	30	282,859	71
Lomita	5/23/14	4,619	115	93	\$8,855,153	48	\$1,187,680	11	77	6	14	39	325,459	80
Manhattan Beach	5/28/15	12,444	93	81	\$18,235,351	41	\$1,346,576	12	70	7	26	93	442,439	115
Palos Verdes Estates	5/28/15	5,123	38	34	\$7,516,281	10	\$527,780	5	16	3	4	11	78,276	20
Rancho Palos Verdes	5/23/14	14,837	224	196	\$31,726,684	90	\$2,608,491	24	153	7	20	71	728,626	176
Redondo Beach	3/24/15	20,477	189	155	\$20,585,717	79	\$1,561,997	14	115	3	18	37	442,331	108
Rolling Hills	5/23/14	706	6	6	\$1,631,678	2	\$119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,104	46	40	\$7,727,160	23	\$868,135	8	29	3	10	46	210,979	55
Torrance	5/23/14	37,971	743	603	\$65,265,862	336	\$7,752,088	70	480	32	106	258	2,071,494	512
Total		180,028	6,357	4,458	\$ 404,334,293	2,450	\$ 62,151,350	560	3,929	242	547	1,335	14,216,484	3,484

* 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 January 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)
Gardena	3	0	0	0	\$0	0	0	0	0.00
Hawthorne	2	1	0	0	\$120,000	58	1,544,966	12,322	2.07
Inglewood	6	0	0	0	\$12,500	6	0	1,190	0.20
Lomita	1	0	0	0	\$0	0	0	0	0.00
Redondo Beach	0	0	0	0	\$0	0	0	0	0.00
Torrance	0	0	0	0	\$0	0	0	0	0.00
Total	12	1	0	0	\$132,500	64		13,512	9

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

CAGBN - The current round of funding for both Hawthorne and Torrance ended in February. The goal was to have 10 businesses certified in each city with 5 businesses at the participant level. Results: Thirteen (13) businesses were certified in Hawthorne, with an additional 4 businesses at the participant level. Thirteen (13) businesses were certified in Torrance and 2 businesses at the participant level. During the month of February staff coordinated promotion of CAGBN through videotaping of elected officials Mayor Pat Furey of Torrance and Mayor Pro Tem Olivia Valentine of Hawthorne. The SBCCOG hosted the California Green Business Network in SoCal Best Practices meeting on February 13, 2019. There were representatives from the statewide CAGBN, Cities of Los Angeles, Huntington Beach, Long Beach, Hermosa Beach, Laguna Beach, Torrance, Hawthorne, Santa Monica, Fresno, Eastern Sierras, and County of Ventura. Topics discussed included best practices for outreach, certification, and recognition, “green” starter kits, and next steps for funding. It is the SBCCOG staff understanding that both Hawthorne and Torrance will be requesting additional funding for the next program year and plan on having the SBCCOG continue implementation.

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 February 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 47 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 February, SBCCOG staff worked on identifying parks with old water fountains.

Task 2. Support for Workshops & Events

Educational Classes

Contract goals: minimum of 5 and a maximum of 8

Status of goals: 3 completed; 1 scheduled

SBCCOG staff worked in conjunction West Basin staff to schedule Landscape Transformation classes (MWD class offering). 1 class is scheduled for March 2019 in Lawndale.

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 3 completed; 1 scheduled; 1 in process of being scheduled

The next rain barrel event is scheduled for March 16, 2019. SBCCOG staff and West Basin staff identified Morningside High School in Inglewood at a potential 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 February.

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 2 months. 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: 9 CFLT/TR/Greywater classes completed. A CFLT class was held on February 23rd at West High School. Torrance has scheduled 1 class per month between March and May 2019.

Task 2: Cash for Kitchens

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

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

Staff continues to identify kitchens in 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 February. The April offsite meeting of the SBCCOG Partners will be held 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 presentation was held in February.

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; SBCCOG staff is in the process of identifying others.
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training to be scheduled in March.
- 6-8 commercial kitchens to be identified for water assessments and conservation training; *Status of goal:* SBCCOG staff is in process of identifying commercial kitchens in Harbor City, Harbor Gateway, San Pedro, Wilmington.

Transportation

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

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

Status of goals: 296 outreach events - **GOAL MET**; 18 information/formation meetings - **GOAL MET**

In February, collateral materials were distributed at 9 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. Formation efforts continued with Wedgewood Properties, Raytheon, County of Los Angeles, and the City of Torrance. SBCCOG met 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: 357 community events and 14 presentations completed. In addition, 28 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 including the SBCCOG’s annual General Assembly.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

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

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
2/2/2019	Rain Barrel Distribution – Lomita (405 rain barrels distributed)	252/471	Community Organization/Event: 8, Door Hanger: 40, Flyer: 157, Newspaper: 9, Online Calendar: 6, Other Social Media: 49, Postcard: 7, SBESC Email: 89, West Basin Social Media: 15, West Basin Website: 14, Word of Mouth: 37	GF, MS
2/7/2019	Food Waste: What Is It & What Can We Do About It? – Manhattan Beach	12/29	Email: 25, Friend or Family: 1, Website: 2, Other: 1	GF
2/23/2019	California Friendly Landscape Training – Torrance	56/64	Email: 8, Flyer: 10, Friend or Family: 1, Local Publication: 36, Social Media: 2, Website: 5, Other: 2	ML

Outreach Events

In February:

- 1 presentation
- 1 community events
- 3 residential workshops
- 1 business events
- 3 meetings

Calendar year-to-date through 2019:

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

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (top tweet – right)
 - Twitter: 188 followers total, 2,700 impressions* month of February
 - Facebook: 92 likes total, 94 impressions month of February

Top Tweet earned 569 impressions

Guest Speaker Spotlight:
 @santamonicacity's Rick Cole will address "civic well-being: coping with change" at this year's General Assembly...
[#20thGA2019](https://ow.ly/QZf730nAG9t)
pic.twitter.com/G7L9HBJTWg



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- **SBESC** -- Totals for Social Media (*top tweet – right*)
 - Twitter: 547 followers total, 1,700 impressions* month of February
 - Facebook: 735 likes total, 561 impressions month of February
 - LinkedIn: 130 followers total, 121 impressions month of February

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

Press Releases/Press Interviews/Articles/Network TV

“*South Bay Cities Council of Governments 20th Annual General Assembly,*” Press Release Daily Breeze, The Beach Reporter, Palos Verdes Peninsula News, Easy Reader, Random Lengths, L. A. Times, CBS Ch. 2 & 9 February 2019

Volunteer Program

Status of Program: 154.5 hours for February 2019; 2019 thus far = 253.05 hours; *Grand total* as of 2/28/19: 19,053.33 (starting April 2008)

Top Tweet earned 256 impressions

Great rain barrel giveaway event in Lomita today @WestBasin...we were out there rain or shine!! pic.twitter.com/aypMljlZcs



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