

South Bay Cities Council of Governments

February 11, 2019

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – January 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 CivicSpark Fellow briefed SBCCOG Board and Working Groups as well as the partners on the development of the Adaptation Plan and vulnerability assessment. This included city sustainability staff, GIS analysts, and energy managers. Twelve out of fifteen cities have completed the data request which will be used to identify critical facilities throughout the South Bay. These critical facilities will be overlaid with hazard projection layers to identify the potential risk of climate impacts to communities. The Fellow is currently working on: developing an outline of the sub-regional vulnerability assessment report, creating a social vulnerability index for the South Bay, and collecting hazard layers from UCLA. This work assists cities in complying with the mandates of SB 379.

Energy Efficiency

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

Energy Efficiency Partnership Program – Southern California Edison (SCE)

2018 Energy Saving Goal: 1,245,812 kWh **2018 Status:** 1,841,014.71 kWh **GOAL EXCEEDED: by 47.7%**

2018 Demand Reduction Goal: 43.21 kW **2018 Status:** 119 kW **GOAL EXCEEDED: by 175.4%**

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	Gold	LED Streetlights	Q1/19	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	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
		Elevator Motor-Generator Set	Q1/19	121,900	\$29,007
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
		Exterior LED Lighting	Q1/19	55,305	\$13,890
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				10,594,005	\$2,351,486

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

2018 Goal: 10,000 therms **2018 Status:** 51,283.14 therms installed **GOAL EXCEEDED by 412.8%**

Agency	Project	Therm Savings	Incentive
Torrance USD	Pool heaters	TBD	TBD
Total		0	0

SCE/SCG Strategic Plan Funding: Utility data and square footage have been collected from all cities and the process for benchmarking has begun in Torrance and Inglewood. There was a delay due to the Federal shutdown because the online tool required for submitting the benchmarking information was closed. As soon as the tool is operating again, benchmarking can resume.

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 December 2018. Proceeds from HERO for 2018 Q4 = \$601.18. Proceeds for 2019 Q1 are expected in 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 December 2018 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	1,996	1,303	\$91,539,684	743	\$19,170,888	173	1,252	72	187	436	4,611,683	1,129
El Segundo	5/23/14	4,227	54	45	\$7,715,419	25	\$639,286	6	30	6	8	18	168,929	41
Gardena	5/23/14	12,413	704	463	\$32,114,047	257	\$6,406,311	58	419	27	42	82	1,240,649	302
Hawthorne	5/23/14	11,772	555	395	\$31,250,596	227	\$5,192,735	47	356	12	42	79	1,152,066	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	1,346	887	\$62,615,240	492	\$12,835,803	116	810	54	48	111	2,346,519	566
Lawndale	5/23/14	5,272	162	106	\$8,337,878	51	\$1,367,357	12	89	7	12	30	287,827	72
Lomita	5/23/14	4,619	115	93	\$8,855,153	48	\$1,187,680	11	77	6	14	39	325,422	80
Manhattan Beach	5/23/15	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	223	196	\$31,726,684	89	\$2,490,441	22	139	6	20	71	690,391	167
Redondo Beach	3/24/15	20,477	189	155	\$20,585,717	79	\$1,561,997	14	115	3	18	37	445,647	109
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	741	601	\$65,072,097	336	\$7,752,088	70	480	32	106	258	2,079,128	514
Total		180,028	6,323	4,445	\$ 403,336,691	2,442	\$ 61,861,922	557	3,904	238	547	1,335	14,174,151	3,475

* 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 December 2018 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	2	0	0	0	\$0	0	0	0	0.00
Hawthorne	0	3	0	0	\$540,735	260	1,544,966	50,350	8.46
Inglewood	5	0	0	0	\$33,750	16	0	0	0.54
Lomita	1	0	0	0	\$0	0	0	0	0.00
Redondo Beach	0	0	1,588,032	31,761	\$22,975	11	0	0	0.22
Torrance	1	0	0	0	\$0	0	0	0	0.00
Total	9	3	1,588,032	31,761	\$597,460	287	1,544,966	50,350	9

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

CGBN - The SBCCOG team continues to conduct targeted outreach business walks and work with businesses to achieve certification for programs in Torrance and Hawthorne. During the month of January, green business “starter kits” were assembled for distribution to businesses participating in the program in both Torrance and Hawthorne; the kits consist of eco-friendly cleaning supplies, recyclable paper products, and a blue recycle bin. SBCCOG staff conducted 1 assessment for a business in Torrance and 3 assessments in Hawthorne. The SBCCOG team staffed a table at the City of Hawthorne Business Expo that generated significant interest from Hawthorne businesses and resulted in 2 appointments scheduled for assessments. SBCCOG staff reached out to Torrance and Hawthorne City staff to coordinate with their local cable to film the presentation of the CAGBN decals for the businesses who have achieved green certification status. Hawthorne filming is set for February 8, 2019. Torrance live news show anchor conducted an interview with staff January 22 regarding CGBN. City

and SBCCOG staff are scheduled to meet February 4 to discuss a promotion video regarding the program. The SBCCOG will be hosting the California Green Business Network in SoCal Best Practices meeting on February 13, 2019.

As businesses are certified in the CGBN, 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 December 2018.

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 38 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 January, SBCCOG staff met with West Basin staff to discuss status of program. Priorities are libraries and Sheriff stations (Lomita, Lawndale, and South Los Angeles). In addition, staff will also be looking for old water fountains that need to be replaced.

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: 2 completed; 2 scheduled

Two rain barrel giveaway events have been scheduled in February and March 2019. SBCCOG staff identified a potential host site (Washington Prep High School) for the Division II event that will be held in April, May, or June. Confirmation from Division II Director pending.

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 January.

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: 8 CFLT/TR/Greywater classes completed. A Turf Removal class was held on January 26th at West High School. Torrance has scheduled 1 class per month between February 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 January. The next offsite meeting of the SBCCOG Partners will be held at WRD headquarters.

Sanitation Districts of LA County (LACSD) Contract year is January 1-December 31, 2019

Contract goals: Schedule up to 5 Sanitation Districts-related presentations

Status of goals: 1 has been scheduled 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 had an exhibit table at the San Pedro Chamber of Commerce Business Expo and Networking Event in January.
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training to be scheduled in first quarter.
- 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: 287 outreach events - **GOAL MET**; 18 information/formation meetings - **GOAL MET**

In January, collateral materials were distributed at 8 SBCCOG outreach events. SBCCOG staff's outreach efforts focused on: contacting Metro van pool providers and direct follow-up with local ETC's at the CSUDH's "21st Century Workforce" forum. Additional follow-up contacts included Wedgewood Properties, Raytheon, and the City of Torrance. Work continued to develop, demonstrate and test a virtual vanpool formation meeting (with the City of Torrance employees). Follow-up with Metro staff continued for the draft 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: 348 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 through this Winter.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

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

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
1/12/2019	Rain Barrel Distribution – Culver City (360 rain barrels distributed)	205/329	Community Organization/Event: 11, Door Hanger: 45, Flyer: 54, Newspaper: 1, Online Calendar: 5, Other Social Media: 25, Postcard: 69, SBESC Email: 73, West Basin Social Media: 14, West Basin Website: 19, Word of Mouth: 13	N/A
1/26/2019	Turf Removal Class – Torrance	29/37	Email: 25, Flyer: 2, Friend or Family: 2, Local Publication: 1, Social Media: 2, Website: 4, Other: 1	AB
1/30/2019	Landscape Transformation Class – El Segundo	28/122	Door Hanger: 17, Flyer: 17, Online Calendar: 1, Other Social Media: 6, Postcard: 2, SBESC Email: 54, West Basin Social Media: 10, West Basin Website: 8, Word of Mouth: 7	AB

Outreach Events

In January:

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

Calendar year-to-date through 2018:

- 48 community events
- 9 business events
- 16 presentations
- 5 SCE Seminars
- 14 residential workshops
- 3 networking opportunity
- 3 employee events
- 48 meetings

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
 - Twitter: 181 followers total, 2,700 impressions* month of January
 - Facebook: 89 likes total, 940 impressions month of January
- SBESC -- Totals for Social Media (*top tweet – right*)
 - Twitter: 547 followers total, 1,900 impressions* month of January
 - Facebook: 737 likes total, 483 impressions month of January
 - LinkedIn: 129 followers total, 146 impressions month of January

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

Top Tweet earned 505 impressions

Attend the 21st Century #Workforce Forum tomorrow featuring @SouthBayWIB & @DominguezHills in @TorranceCA to weigh in on telework and telecommuting strategies for the workplace:
ow.ly/cg8a30nkeq1
pic.twitter.com/yYBpFqRFn5



13 2 2

Top Tweet earned 232 impressions

Shop at garage sales... ow.ly/Rj1S30ne3Nx
[#greentip](#) [#EcoMonday](#)

Press Releases/Press Interviews/Articles/Network TV

“South Bay Cities Council of Governments 20th Annual General Assembly,” Daily Breeze January 2018

“Food Waste: What is It and What Can We Do About It,” Daily Breeze January 2018

Volunteer Program

Status of Program: 98.55 hours for January 2019; 2019 thus far = 98.55 hours; *Grand total* as of 1/31/19: 18,898.83 (starting April 2008)