

South Bay Cities Council of Governments

January 14, 2019

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – December 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

Climate Adaptation

The SBCCOG Adaptation Planning Kickoff Meeting took place December 13th. Representatives from 10 member-cities attended, and the presentation was well received. The next step is to collect city-specific GIS data to map the critical facilities within each jurisdiction for the sub-regional vulnerability assessment. The Fellow will complete review of open-source data provided by LA County and SCAG before requesting GIS data from cities in early January. The sub-regional vulnerability assessment is scheduled to be completed by March 2019. In addition in support of this work, the Fellow attended the quarterly meeting for the Alliance of Regional Collaboration for Climate Adaptation (ARCCA). From this meeting, several contacts were made with planners and scientists willing to offer their expertise to the SBCCOG on climate adaptation planning. The Fellow will continue to reach out to stakeholders for input throughout the planning process.

Energy Efficiency

SBCCOG staff has been working with other partnerships, utility partners, and other agencies to try and secure future funding for incentive/rebates for local governments. These efforts resulted in the SBCCOG being included in Lockheed Martin's response to SCE request for abstracts. SBCCOG staff continues to work with cities on the park lighting bulk purchase. Status to date: **Moving Forward:** Hawthorne, Redondo Beach, and Torrance; **Undecided:** Carson (maybe), El Segundo (probably not), Gardena (not sure), Inglewood (maybe); and **Not Moving Forward:** Manhattan Beach (due to cost payback analysis). Greg Stevens has confirmed that there is a time extension for completion which is April 2019. **However, projects must be completed (installed), SCE inspected, receipts and all closeout paper worked turned in by April 2019.**

Energy Efficiency Partnership Program – Southern California Edison (SCE)

2018 Energy Saving Goal: 1,245,812 kWh **2018 Status:** 1,675,551 kWh **GOAL EXCEEDED: by 134.5%**
2018 Demand Reduction Goal: 43.21 kW **2018 Status:** 89 kW **GOAL EXCEEDED: by 205.6%**

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	Pool Pump VFD	Q4/18	51,758	\$11,646
		LED Streetlights	Q4/18	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	Q4/18	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				10,594,005	\$2,351,486

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

2018 Goal: 10,000 therms **2018 Status:** 1,890 therms installed, 55,856 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	1,890	\$2,835
City of Carson	Hemingway Park pool heaters	5,856	\$8,784
LAUSD	Pressureless steamers	50,000	\$75,000
Torrance USD	Pool heaters	TBD	TBD
Total		57,746	\$86,619

SCE/SCG Strategic Plan Funding: SBCCOG received a time extension for the Strategic Plan project dealing with energy use management. Utility data and square footage has been collected from all cities and the process for benchmarking has begun in Torrance and Inglewood. It has also been determined, that the SBCCOG's regular Partnership funds can also be used to benchmark facilities through 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 November 2018. Proceeds from HERO for 2018 Q3 = \$637.35. Proceeds for 2018 Q4 are expected in January 2019. Total since program start in 2014 = \$29,246.16. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through November 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	1,989	1,302	\$91,454,067	742	\$19,156,160	173	1,251	72	187	436	4,610,123	1,128
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	701	463	\$32,114,047	257	\$6,406,311	58	419	27	42	82	1,241,067	302
Hawthorne	5/23/14	11,772	551	392	\$30,988,964	226	\$5,162,906	47	354	12	42	79	1,148,983	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	1,342	886	\$62,494,647	489	\$12,754,353	115	804	54	48	111	2,323,891	561
Lawndale	5/23/14	5,272	159	104	\$8,169,174	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	92	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	218	192	\$31,037,532	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	6,296	4,434	\$ 402,010,993	2,437	\$ 61,735,915	556	3,895	238	547	1,335	14,147,297	3,468

* 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 Q3 are \$1,401.49 with a total of \$7,889.35 since 2016 when the program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through November 2018 is listed below:

District	# of Apps	Jobs Created	Solar KW Installed	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)
Hawthorne	4					\$38,800	19	110,858	3,695	0.62
Inglewood	5	3	72	0	0	\$559,400	269	1,598,295	53,860	9.05
Total	9	3	72			\$598,200	287	1,709,153	57,555	9.67

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

CAGBN - The SBCCOG team continues to conduct outreach business walks and work with businesses to achieve certification for programs in Torrance and Hawthorne. During the month of December, SBCCOG staff conducted 5 assessments for businesses in Torrance and 5 in Hawthorne. Appointments have been confirmed for 2 additional business assessments in January. In January, the SBCCOG team will meet with 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.

As businesses are certified in the CAGBN, they also become GBAP participants. GBAP by city: Torrance (44), Lawndale (26), Hawthorne (21), 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 **196** 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 30 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 will reach out to cities and public agencies that have not yet applied for this program.

Task 2. Support for Workshops & Events

Educational Classes

Contract goals: minimum of 5 and a maximum of 8

Status of goals: 2 completed; 2 scheduled

SBCCOG staff worked in conjunction West Basin staff to schedule Landscape Transformation classes (MWD class offering). 2 classes are scheduled for January and March 2019.

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 1 completed; 3 scheduled

Three rain barrel giveaway events have been scheduled in January, February, and March 2019. In December, SBCCOG staff continued to reach out to Los Angeles Southwest College as a potential host site for the April event.

Greywater Workshops

Contract goal: 5 workshops

Status of goal: 0 workshops completed

SBCCOG is working with West Basin staff to finalize locations and dates 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 December.

In December, SBCCOG staff dropped off faucet aerators to Manhattan Beach City Hall. 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. SBCCOG staff has continued to identify potential contacts.

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: 7 CFLT/TR/Greywater classes completed. A CFLT class was held on December 1st at West High School. Torrance has scheduled 1 class per month between January 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 December. Assisted WRD staff with requested information re: environmental justice groups in the South Bay.

Sanitation Districts of LA County (LACSD) Contract year is January 1-December 31, 2018

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

Status of goals: 4 have been completed (10/9/18, 11/01/18, 11/05/18, 12/05/18) and 1 has been scheduled (Feb.).

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:* 9 completed; SBCCOG staff had an exhibit table at the San Pedro Farmers Market in December. - **GOAL MET**
- 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:* 6 water surveys completed. Two water surveys were conducted in December in San Pedro. - **GOAL MET**

Transportation

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

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

Status of goals: 279 outreach events - **GOAL MET**; 18 information/formation meetings - **GOAL MET**

In December, collateral materials were distributed at four SBCCOG outreach events. SBCCOG staff's outreach efforts focused on year-end follow-up and status reports with perspective and targeted organizations for vanpool formation. Staff drafted plans for 2019 outreach activities – including a demonstration and test for a virtual vanpool formation meeting (with the City of Torrance employees). A draft scope of work/budget for a new Metro TDM Outreach Contract was sent to Metro staff for review.

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: 340 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 December 2018:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
12/1/2018	California Friendly Landscape Training - Torrance	30/55	Email: 18, Flyer: 21, Friend or Family: 1, Social Media: 6, Website: 6, Other: 3	ML

Outreach Events

In December:

- 1 presentation
- 2 community events
- 1 residential workshops

Calendar year-to-date through 2018:

- 45 community events
- 7 business events
- 15 presentations
- 5 SCE Seminars
- 12 residential workshops
- 3 networking opportunity
- 3 employee events

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (top tweet – right)
 - Twitter: 172 followers total, 814 impressions* month of December
 - Facebook: 83 likes total, 108 impressions month of December
- SBESC -- Totals for Social Media (top tweet – right)
 - Twitter: 540 followers total, 2,700 impressions* month of December
 - Facebook: 736 likes total, 832 impressions month of December
 - LinkedIn: 123 followers total, 80 impressions month of December

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

Press Releases/Press Interviews/Articles/Network TV

“2018 Holiday Light Exchange,” Hawthorne Cable TV YouTube, December 2018

Volunteer Program

Status of Program: 101.5 hours for December 2018; 2018 thus far = 1,069.85 hours; Grand total as of 12/31/18: 18,800.28 (starting April 2008)

Top Tweet earned 266 impressions

Looking for resources for #seniors in the #SouthBay? Visit our website: ow.ly/39xo30mW1g9
pic.twitter.com/jmmpfqhsz0

Top Tweet earned 443 impressions

FREE Household Hazardous Waste Collection in #Lomita this Saturday via @SanDistricts : ow.ly/y6DK30mXVK9
[#ewaste pic.twitter.com/wxf0PUh8Dn](https://pic.twitter.com/wxf0PUh8Dn)

