

South Bay Cities Council of Governments

November 5, 2018

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – October 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 Action/Adaptation

CivicSpark Climate Fellow, Carolyn Yvellez, started October 15. She will be working on the adaptation chapter of the Climate Action Plans and how climate impacts affect vulnerable populations, especially elderly and homelessness. This work also includes preparing a Vulnerability Assessment Questionnaire for cities. To kick off the work, a presentation will be developed to introduce adaptation planning and project goals. Currently, she is working to identify how SBCCOG member-cities are integrating climate adaptation (or vulnerability assessments) into their city plans. Work in October also included literature review of state and regional resources and data; state legislation; and case studies.

Energy Efficiency

Energy Efficiency Partnership Program – Southern California Edison (SCE)

2018 Energy Saving Goal: 1,245,812 kWh **2018 Status:** 1,674,798 kWh **GOAL EXCEEDED: by 134.4%**

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

The SBCCOG staff, the energy engineer, and city staff developed a Request for Quotes for a bulk purchase for outdoor lighting. Several cities are trying to quickly install outdoor lighting before Feb. 28, 2019 in order to take advantage of an Edison incentive. The intent of the RFQ is to save cities staff time and help expedite the process while getting volume pricing discounts.

In addition, goals stated above indicate, the SBCCOG, the energy engineer, and city staff have been actively identifying and working together to implement energy efficiency projects. Cities have been moving at an accelerated pace as staff understands that measures and rebates often expire with little notice.

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. Staff has also been looking into other avenues of future funding including meetings with third parties. SBCCOG staff also met with CPUC Local Government Liaison and his new colleague, who both will try to assist with preserving local government energy efficiency measures.

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, Edison 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				10,005,409	\$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

Agency	Project	Therm Savings	Incentive
City of Inglewood	Replace 3 x boilers	10,800	\$16,200
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		66,656	\$99,984

Energy Management Information – The top three energy management vendors were invited to present to the EMWG as a result of SBCCOG staff presentation of vendor research at the September EMWG meeting. Three vendors presented at a special meeting of the EMWG October 25. Cities discussed the firms and tools that were

demonstrated. They expressed interest in having an energy management tool, but would like the SBCCOG to manage the system and report back to the cities on the status of their facilities energy use. In addition, they stated that they would be interested in participating in a grant to implement such a tool. Some cities stated that they would possibly pay for a system, but would need stats to prove value to their councils. Next steps will be discussed at the bimonthly EMWG meeting.

The Energy Efficiency & Energy Leader Program Recognition Luncheon will be held November 29 at the George Nakano Theatre from 11:30-1:30 pm. City achievement in energy efficiency will be recognized at this event.

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 September 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 September 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	1,969	1,290	\$90,468,294	733	\$18,948,260	171	1,238	69	185	433	4,554,983	1,116
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	698	464	\$32,202,524	256	\$6,392,050	58	419	26	42	82	1,237,437	301
Hawthorne	5/23/14	11,772	547	390	\$30,746,566	224	\$5,081,835	46	349	12	42	79	1,127,602	275
Hermosa Beach	5/23/14	6,514	55	40	\$8,413,706	19	\$395,206	4	20	0	10	23	96,974	26
Inglewood	5/23/14	19,071	1,331	880	\$61,891,248	489	\$12,754,353	115	804	54	48	111	2,320,075	561
Lawndale	5/23/14	5,272	157	104	\$8,169,174	51	\$1,367,357	12	89	7	12	30	282,859	71
Lomita	5/23/14	4,619	114	92	\$8,773,994	47	\$1,163,862	10	76	6	14	39	325,110	80
Manhattan Beach	5/25/15	12,444	91	81	\$18,235,351	41	\$1,346,576	12	70	7	26	93	442,439	115
Palos Verdes Estates	5/28/15	5,123	37	33	\$7,266,281	10	\$527,780	5	16	3	4	11	78,276	20
Rancho Palos Verdes	5/23/14	14,759	216	191	\$30,895,805	88	\$2,457,061	22	138	6	20	71	690,053	167
Redondo Beach	3/24/15	20,292	187	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	736	597	\$64,559,834	333	\$7,687,510	69	473	32	106	258	2,046,005	506
Total		179,671	6,243	4,406	\$ 398,982,628	2,419	\$ 61,303,347	552	3,866	234	545	1,332	14,011,234	3,438

* 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 program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through September 2018 is listed below:

Jurisdiction	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)
Inglewood	1	0	604,800	19,872	\$141,878	68	380,367	13,575	2.42
Torrance	0	0	0	0	\$70,875	34	202,501	6,750	1.13
Total	1	0	604,800	19,872	212,753	102	582,868	20,325	4

South Bay Green Business Assist Program (GBAP) & Green Business Network (GBN)

GBN - The SBCCOG team continues to conduct outreach and work with businesses to achieve certification for programs in Torrance and Hawthorne. The first progress report was prepared for each respective city. In addition, SBCCOG staff attended the statewide CA Green Business Network conference in San Luis Obispo.

As businesses are certified in the GBH they also become GBAP participants. GBAP by city: Torrance (41), Lawndale (26), Redondo Beach (16), El Segundo (15), Gardena (15), Hawthorne (18), 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 190 businesses in the program as of the end of September 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: 20 exhibit events, presentations, etc.

Water Bottle Filling Station Program

Status: West Basin has continued the funding of this program. 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). SBCCOG staff continues to identify potential sites.

Task 2. Support for Workshops & Events

Educational Classes

Contract goals: minimum of 5 and a maximum of 8

Status of goals: 1 completed; 3 scheduled

SBCCOG staff worked in conjunction West Basin staff to schedule the Landscape Transformation classes (new MWD class offering). The next class is scheduled for November 15th, with 2 additional classes scheduled in early 2019.

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 0 completed; 4 scheduled

The first rain barrel event is scheduled for November 17th in Rolling Hills Estates; SBCCOG staff worked with West Basin staff to finalize locations and dates for 3 rain barrel giveaway events in January, February, and March 2019. One additional event is to be scheduled in April; we are waiting on the West Basin Director to identify the date.

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 is for overlapping contract years

Status of goal: 56 water surveys completed; 3 surveys were conducted in the month of October.

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 is waiting for further direction from West Basin on this program, but in the meantime, staff continues 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: 5 CFLT/TR/Greywater classes completed. SBCCOG staff received list of classes that will be offered between November 2018 and May 2019. November 17th will be a Turf Removal class and December 1st will be a California Friendly Landscape Training class, and 5 classes have been scheduled in 2019. Staff continues to promote Torrance efforts through 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: 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.

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: 2 have been completed and 3 have been scheduled: 10/9/18, 11/01/18, and 11/07/18. 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:* 8 completed; SBCCOG staff participated in the ECOFEST in San Pedro on September 29th. SBCCOG staff is working on identifying events in Wilmington and Harbor City.
- 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. SBCCOG staff continues to conduct outreach to LADWP restaurants.

Transportation

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

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

Status of goals: 269 outreach events - **GOAL MET**; 18 information/formation meetings - **GOAL MET**

In October collateral materials were distributed at 4 SBCCOG outreach events. SBCCOG staff continued outreach efforts to assist Wedgewood Real Estate Investment Company with vanpool formation. Formation opportunities with local companies were planned through the SBCCOG's outreach efforts on behalf of CSUDH's Telework Research Study. SBCCOG staff conducted a contract review and audit of outreach/formation efforts and determined that 4 meetings had taken place but had not been properly accounted. As such, all program goals have now been met. SBCCOG has received an extension (without additional) funds to continue the vanpool MOU through the end of Metro's fiscal year (June 30, 2019). Additionally, SBCCOG

staff has been working with Metro on a new scope which would build off of these outreach activities. Metro staff has asked for ideas which could be incorporated into a new contract in 2019.

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: 330 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 at 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 October 2018:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
10/9/2018	Moving Toward Zero Waste: Minimizing Your Impact on the Environment	44/46	Email: 27, Local Publication: 5, Social Media: 2, Other: 12, Walk-In: 15	GF

Outreach Events

In October:

- 1 community events
- 1 business event
- 1 employee event

- 1 networking opportunity
- 1 residential workshop

Calendar year-to-date through 2018:

- 43 community events
- 6 business events
- 13 presentations
- 5 SCE Seminars
- 7 residential workshops
- 3 networking opportunity
- 3 employee events

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (top tweet – right)
 - Twitter: 167 followers total, 316 impressions* month of October
 - Facebook: 79 likes total, 47 impressions month of October
- SBESC -- Totals for Social Media (top tweet – right)
 - Twitter: 546 followers total, 1,900 impressions* month of October
 - Facebook: 729 likes total, 563 impressions month of October

Top Tweet earned 24 impressions

#SouthBay Watch Fall Newsletter is out! Read about @metrolosangeles & the #GreenLine extension into @TorranceCA: ow.ly/cjz730miHzd pic.twitter.com/bAYtzUW17m

The collage contains three main items:

- Meeting Agenda:** A list of upcoming meetings for the South Bay Urban Council of Governments, including the Landmarks Board, Planning Board, and various committees.
- Tweet:** A screenshot of a tweet from @metrolosangeles about the #GreenLine extension into @TorranceCA, with a link to a news article.
- Calendar:** A graphic for the 20th Annual SBCCOG General Assembly, held on Thursday, February 28, 2019, from 9:00 am to 5:00 pm at the Janita McIlwain-McDonald Community Center.

- LinkedIn: 122 followers total, 35 impressions month of October

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

Top Tweet earned 333 impressions

Visit South Bay Environmental Services Center table [#business #expo](#)
twitter.com/TorranceChambe...

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Press Releases/Press Interviews/Articles/Network

TV

“California Green Business Network Certification Program in Hawthorne, October 2018 sent to the Hawthorne Chamber and print media

“Zero Waste” October 7, 2018 Daily Breeze earned media

“Moving Toward Zero Waste: Minimizing Your Impact on the Environment” Fall 2018 SBAS Adult Education Catalog earned media

Volunteer Program

Status of Program: 55.00 hours for October 2018; 2018 thus far = 931.35 hours; Grand total as of 10/31/18: 18,661.78 (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.