

South Bay Cities Council of Governments

May 23, 2019

TO: SBCCOG Board of Directors

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

SUBJECT: Environmental Activities Report – April 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 sub-regional vulnerability assessment is currently being reviewed and edited by Senior staff before sections are submitted to cities. Sections of the vulnerability assessment will be released one at a time to cities for review beginning end of May 2019.

The CivicSpark Fellow has completed the biodiversity sector and sub-regional social vulnerability analyses. Indexes will be created at the block level for individual cities pending data limitations. Coastal cities have been asked to review the sea level rise projections that were recommended by the Coastal Commission and USGS. Cities that would like the SBCCOG to conduct their sea level rise analysis have until the first of May to confirm the sea level rise scenarios that will be used in the assessment.

Energy

Energy Efficiency Partnership Program – Southern California Edison (SCE)

2019 Energy Saving Goal: 1,459,446 kWh 2019 Status: 228,755 kWh % of GOAL: 14.6%

2019 Demand Reduction Goal: 256 kW 2019 Status: 24 kW % GOAL: 8.7%

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	Q4/19	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
Hawthorne	Platinum	Exterior LED Lighting	Q4/19	194,254	\$38,851
Hermosa Beach	Platinum	Exterior LED Lighting	Q4/19	29,574	\$5,915

Inglewood	Platinum	Chiller VFD/HVAC Controls	Q3/19	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
		Streetlights (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	Q3/19	9,000	N/A
Torrance	Platinum	Exterior LED Lighting	Q2/20	841,894	\$143,122
		Interior LED Lighting	Q2/20	837,954	N/A
		VFD & Pump Motor	Q4/19	172,003	\$29,240
		Interior LED Lighting	Q4/19	16,741	N/A
			Total	6,240,114	\$1,250,926

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 - Carson and Torrance are taking advantage of this program. We are working with other cities to identify interest. The final report is being drafted and will include data analyzes. The project is expected to be completed in fall 2019.

Energy Management Working Group: 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 April 2019. Proceeds from HERO for 2019 Q1 = \$356.28. Proceeds for 2019 Q2 are expected in late July 2019. Total since program start in 2014 = \$30,203.62. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through April 2019 is listed below:

Member	Launch Date	Eligible Housing Units *	Total Applications Received	Applications Approved	Approved Amount	Funded Projects	Funded Amount	Jobs Created***	Type of Products				Solar kW Installed	Annual kWh Saved	Annual CO2 Reduced (Tons)
									Energy	Water	Renewable				
Carson	5/23/2014	21,478	2,029	1,315	\$92,414,354	753	\$19,423,045	175	1,271	75	187	436	4,659,628	1,140	
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	719	470	\$32,683,419	258	\$6,426,661	58	422	27	42	82	1,275,838	309	
Hawthorne	5/23/2014	11,772	566	401	\$31,754,417	230	\$5,333,675	48	365	16	44	88	1,178,434	288	
Hermosa Beach	5/23/2014	6,514	56	41	\$8,626,909	20	\$405,719	4	22	0	10	23	96,583	26	
Inglewood	5/23/2014	19,071	1,366	895	\$63,326,672	498	\$12,941,906	117	820	54	48	111	2,372,972	573	
Lawndale	5/23/2014	5,272	164	107	\$8,428,627	51	\$1,367,357	12	89	7	12	30	282,859	71	
Lomita	5/23/2014	4,619	116	93	\$8,855,153	48	\$1,187,680	11	77	6	14	39	325,459	80	
Manhattan Beach	5/28/2015	12,444	95	82	\$18,405,913	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	227	197	\$31,910,304	91	\$2,709,557	24	154	7	22	79	740,721	179	
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	744	603	\$65,265,862	340	\$7,859,025	71	487	32	108	262	2,096,726	519	
Total		180,028	6,417	4,484	\$ 406,847,886	2,469	\$ 62,718,038	565	3,969	246	553	1,356	14,375,178	3,524	

* 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 2019 through Q1 are \$176.10 with a total of \$8,525.69 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

SolSmart:

Contract period is August 2018 through July 31, 2019

Contract goal: SolSmart Designation for 8 South Bay Cities + SBCCOG

Status of goal: 4 Cities have Achieved Gold Designation; 1 City has achieved Silver Designation; 3 Cities are in the process of completing pre-requisites for SolSmart Designation

In the month of April, the cities of Manhattan Beach, Carson, Torrance, and Rancho Palos Verdes received confirmation and received national awards as “Gold Level” SolSmart Cities. The City of El Segundo has completed the application to achieve a Silver Designation and is working on steps to achieve a Gold Level. SBCCOG staff continues to work with the consultant (EcoMotion) to facilitate the completion of the necessary SolSmart Application requirements for the cities of Hawthorne, Palos Verdes Estates, Gardena as well as the SBCCOG to achieve SolSmart Designation.

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

CAGBN – On April 19th, SBCCOG staff joined an online GBN conference and Q&A session. Staff also attended the April 23rd Hawthorne City Council Meeting and participated in the green business recognition presentation that honored the businesses that obtained their green certification. The Daily Breeze published an article on April 24th covering the Council recognition ceremony. (<https://www.dailybreeze.com/2019/04/24/hawthorne-honors-12-local-businesses-for-saving-more-than-a-ton-of-solid-waste/>)

SBCCOG staff continues to identify and assist businesses. A site visit with AMPLUS Group is scheduled for May. 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 April 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 16 in April for a total of 70 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 April, SBCCOG staff promoted the program at the City Managers', Infrastructure Working Group, and Parks & Recreation Directors meetings. In addition, SBCCOG staff continues to promote 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: 5 completed; 2 scheduled

SBCCOG staff is working in conjunction with West Basin staff to schedule Landscape Transformation (Turf Removal) classes (MWD class offering) in July, August, and October/November.

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 4 completed; 1 scheduled

There is a rain barrel event scheduled at Morningside High School in Inglewood (Division II) in May 2019.

Greywater Workshops:

Contract goal: 5 workshops

Status of goal: 0 workshops completed

SBCCOG is waiting for West Basin staff confirmation on their Directors' schedules.

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 April. SBCCOG is waiting for West Basin staff to provide new program specifics; however, during the month of April SBCCOG staff conducted a follow up visit to M&M Soul Food and provided rebate information from SCE, So Cal Gas, Restaurant Refresh Program, Steam Table Program from Frontier Energy, and So Cal Water Smart Commercial Rebate Information.

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 future.

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 April 20th at Madrona Marsh. Torrance has scheduled 1 class per month between through September 2019.

Task 2: Cash for Kitchens

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

Status of goal: 4 water surveys completed; 5 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 April. In collaboration, WRD and Torrance Water are conducting 3 new classes - June Sustainable Landscape Design; August Irrigation Basics; and September Edible Gardening. The April SBCCOG Partners was 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 Completed; SBCCOG staff is researching opportunities for May and June.

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:* 3 completed; 1 scheduled for June. SBCCOG staff is in the process of identifying additional opportunities.
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training completed on April 4th. There were 9 volunteers in attendance.
- 6-8 commercial kitchens to be identified for water assessments and conservation training. *Status of goal:* 5 water surveys completed.

In the month of April, SBCCOG staff presented at the Restaurant 101 Workshop in San Pedro. Information about LADWP’s Commercial Kitchen Program was emailed to San Pedro Chamber of Commerce Executive Director, Elise Swanson. The information was provided to all attendees.

Transportation

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

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

Status of goals: 319 outreach events - **GOAL MET**: 18 information/formation meetings - **GOAL MET**

In April, collateral materials were distributed at 16 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. SBCCOG staff participated in “Earth Day” events at Raytheon and the City of Carson which featured the distribution of Vanpool information to employees. Formation efforts continued with Wedgewood Properties, County of Los Angeles, the City of Torrance, and CSUDH. SBCCOG developed and presented a community workshop entitled “Mobility in the South Bay: From Scooters to Trains”. The presentation was delivered as part of Mira Costa’s Adult Education curriculum and featured information about Metro’s TDM strategies and interactive website tools for vanpool and rideshare matching. SBCCOG moved forward to formalize the 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: 379 community events and 14 presentations completed. In addition, 30 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 began the process with Metro to renew the MEL agreement.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

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

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
4/20/2019	California Friendly Landscape Training - Torrance	34/46	Email: 10, Flyer: 9, Friend or Family: 1, Local Publication: 19, Website: 6, Other: 1, Walk-In: 5	MS
4/25/2019	Personal Mobility in the South Bay – Manhattan Beach	13/N/A	N/A	AB

Outreach Events

In April:

- 7 presentations
- 7 community events
- 2 residential workshops
- 0 business events
- 14 meetings
- 0 SCE Seminars

Calendar year-to-date through 2019:

- 11 community events
- 2 business events
- 8 presentations
- 1 SCE Seminars
- 9 residential workshops
- 4 networking opportunities
- 0 employee events
- 64 meetings

Media

Social Media (*during the month of April*)

- **SBCCOG** -- Totals for Social Media (SBCCOG) (*top tweet – right*)
 - Twitter: 204 followers total, 14,300 impressions*
 - Facebook: 98 likes total, 271 impressions
- **SBESC** -- Totals for Social Media (*top tweet – right*)
 - Twitter: 547 followers total, 6,600 impressions*
 - Facebook: 737 likes total, 1,180 impressions
 - LinkedIn: 128 followers total, 29 impressions

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

Press Releases/Press Interviews/Articles/Network TV

“Hawthorne Honors 12 Local Businesses for Saving More Than a Ton of Solid Waste” CAGBN Article by *The Daily Breeze*, April 24th, 2019.

<https://www.dailybreeze.com/2019/04/24/hawthorne-honors-12-local-businesses-for-saving-more-than-a-ton-of-solid-waste/>

Volunteer Program

Status of Program: 139.58 hours for April 2019; 2019 thus far = 479.21 hours; *Grand total* as of 4/30/19: 19,279.49 (starting April 2008)

A volunteer orientation/training was conducted on April 4th.

Top Tweet earned 1,054 impressions

We recently received a sustainable transportation planning grant from [@CaltransHQ](#) to plan a “Local Travel Network.” This grant will allow us to build on [@metrolosangeles](#) “Slow Speed Network Strategic Plan for the South Bay”. Read the [#whitepaper: ow.ly/pBzA50p1BDV](#)

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Top Tweet earned 586 impressions

[@WestBasin](#) highlights its commitment to providing a quality water supply through their Water Bottle Filling Stations grant program! Fill up your reusable water bottles at a filling station or apply for one here: westbasin.org/fillingstations
[#WestBasinMWD](#) [#SaveOurWater](#)
[#KeepSavingCA](#)
pic.twitter.com/5IDo2rzAUg



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