

South Bay Cities Council of Governments

October 8, 2018

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – September 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

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%

Energy Leader Partnership – Congratulations are in order for several cities who received Beacon Awards due to their efforts in implementing energy efficiency and sustainability projects:

- **Carson** – Silver Award for reducing 17% Community Greenhouse Gas and 26% Agency Greenhouse Gas as well as 9% Energy Savings. They also received a Silver Spotlight Award in Sustainability Best Practices.
- **Hawthorne** – Gold Spotlight Award for Agency Greenhouse Gas Reduction and a Silver Spotlight Award for Sustainability Best Practices.
- **Hermosa Beach** – Platinum Spotlight Award for Agency Energy Savings and a Gold Spotlight Award for Sustainability Best Practices.
- **Inglewood** – Gold Spotlight Award for Agency Energy Savings and a Silver Spotlight Award for Sustainability Best Practices.
- **Rancho Palos Verdes** – Silver Spotlight Award for Community Greenhouse Gas Reductions, a Gold Spotlight Award for Agency Energy Savings, and a Silver Spotlight Award for Sustainability Best Practices.
- **Rolling Hills Estates** – Gold Spotlight Award for Sustainability Best Practices.

SBCCOG staff assisted these cities in many of the efforts required to achieve these awards as well as completing applications.

The SBCCOG energy engineer and city staff have been actively identifying energy efficiency projects and preparing incentive and rebate applications. As measures and rebates often expire with little notice, it is important to keep moving forward with city projects during this calendar year. In addition, as the environment for energy efficiency is changing it is unclear if incentive and rebates will be available to local governments in 2019 and beyond.

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. Staff has coordinated several meetings for early October to meet with third parties for future collaboration and funding.

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	Q3/18	51,758	\$11,646
		LED Streetlights	Q3/18	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	Q3/18	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

<i>Agency</i>	<i>Project</i>	<i>Therm Savings</i>	<i>Incentive</i>
City of Inglewood	Replace 3 x boilers	10,800	\$10,800
City of Carson	Hemingway Park pool heaters	5,856	\$5,856
LAUSD	Pressureless steamers	TBD	TBD
Torrance USD	Pool heaters	TBD	TBD
Total		16,656	\$16,656

Energy Management Information – SBCCOG staff presented “Tools and Processes for Collecting and Analyzing Energy Use Data” to the Energy Management Working Group in September as part of the SCG/SCE Strategic Plan Fund Project. The presentation included a comparison of vendors that provide energy management services. City staff suggested adding one more vendor to the mix and wanted the SBCCOG to select the top three vendors who will be invited back in October to present to the group. The value of benchmarking facilities was also discussed and a number of cities expressed interest. This work would also be part of the Strategic Plan Fund Project. Lastly, it was announced that the Energy Efficiency & Energy Leader Program Recognition Luncheon will be held November 29 at the George Nakano Theatre from 11:30-1:30 pm.

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 August 2018. Proceeds from HERO for 2018 Q2 = \$568.84. Proceeds for 2018 Q3 are expected in October 2018. Total since program start in 2014 = \$28,608.81. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through August 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	21,375	1,944	1,278	\$89,529,822	731	\$ 18,885,572	170	1,233	69	183	427	4,522,191	1,108
El Segundo	5/23/14	4,209	54	45	\$7,715,419	25	\$ 639,286	6	30	6	8	18	168,929	41
Gardena	5/23/14	12,360	688	459	\$31,839,798	253	\$ 6,309,574	57	415	26	40	76	1,222,786	296
Hawthorne	5/23/14	11,621	542	390	\$30,763,609	222	\$ 5,048,060	45	345	12	42	79	1,107,161	270
Hermosa Beach	5/23/14	6,473	55	40	\$8,413,706	19	\$ 395,206	4	20	0	10	23	96,974	26
Inglewood	5/23/14	19,038	1,321	875	\$61,387,391	486	\$ 12,619,402	114	797	54	48	111	2,315,612	559
Lawndale	5/23/14	5,262	154	102	\$7,969,553	50	\$ 1,336,413	12	86	7	12	30	270,355	68
Lomita	5/23/14	4,606	113	92	\$8,773,994	47	\$ 1,163,862	10	76	6	14	39	325,110	80
Manhattan Beach	5/28/15	12,403	91	81	\$18,235,351	41	\$ 1,346,576	12	70	7	26	93	442,439	115
Palos Verdes Estates	5/28/15	5,115	36	32	\$7,062,522	10	\$ 527,780	5	16	3	4	11	78,276	20
Rancho Palos Verdes	5/23/14	14,759	215	190	\$30,774,071	86	\$ 2,342,817	21	134	6	18	62	655,232	158
Redondo Beach	3/24/15	20,292	186	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	733	597	\$64,518,512	330	\$ 7,556,824	68	466	32	104	255	2,016,517	499
Total		179,200	6,183	4,380	\$ 396,628,180	2,403	\$ 60,713,583	547	3,832	234	537	1,308	13,862,075	3,400

* 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 Q2 are \$1,101.70 with a total of \$7,589.56 since 2016 when program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through August 2018 is listed below:

Property Type	Totals (Residential + Commercial)						
Jurisdiction	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Homes Improved	# of Funded Projects	Funded Amount
Gardena	5	\$1,204,089	1	\$480,000	0	0	\$0
Hawthorne	1	\$150,913	1	\$150,913	0	0	\$0
Inglewood	5	\$358,314	3	\$165,141	0	0	\$0
Manhattan Beach	1	\$293,130	1	\$293,130	0	0	\$0
Torrance	1	\$284,684	1	\$177,212	1	1	\$60,585
Totals	13	\$2,291,129	7	\$1,266,396	1	1	\$60,585

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

GBN - The SBCCOG team has been conducting outreach in the cities of Torrance and Hawthorne during the month of September including a business walk on 9-17-18 with Hawthorne Councilwoman Olivia Valentine. The total outreach efforts to date have resulted in 6 appointments in Torrance and 5 appointments in Hawthorne.

These new businesses will be added to the BAP as well. Program flyers have been developed and distributed in Hawthorne and Torrance.

GBAP Participants 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: 15 exhibit events, presentations, etc.

Water Bottle Filling Station Program

Status: West Basin has continued the funding of this program for this new program year. Public sites will have the opportunity 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 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 first class took place on August 29th in Carson (previous contract year).

An additional class took place in Inglewood on September 26th; 3 classes have been scheduled between November 2018 and March 2019.

Rain Barrel Giveaway

Contract goal: 5

Status of goal: 0 completed; 1 scheduled

The first rain barrel event is scheduled for November 17th in Rolling Hills Estates; SBCCOG staff is working with West Basin staff to finalize locations and dates for the remaining 4 rain barrel giveaway events.

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: 53 water surveys completed; 5 surveys were conducted in the month of September. Ten appointments have been scheduled for 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 continues with outreach efforts to develop contacts for this program.

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. A greywater workshop was conducted on September 8th. SBCCOG 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.

SBCCOG staff finalized arrangements with WRD to present a Spanish-language Edible Gardening Workshop in Lennox on September 12th. Ongoing promotion of WRD programs continues through the SBCCOG's information kiosk, 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

Status of goals: 2 have been completed and 2 have been scheduled: 10/9/18 and 11/01/18. 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. Plans are to exhibit at the San Pedro Farmers Market in October.
- 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: 265 outreach events - **GOAL MET**; 14 information/formation meetings

In September, collateral materials were distributed at sixteen SBCCOG outreach events. SBCCOG staff continued outreach efforts to assist Wedgewood Real Estate Investment Company with vanpool formation. Discussions continue to encourage and support CSUDH’s efforts to re-establish their vanpool program. In addition, SBCCOG staff continued to support the City of Torrance’s efforts to facilitate new vanpool formation – including, the development of a “virtual” formation meeting. SBCCOG has formally requested an extension (without additional) funds to continue the vanpool MOU through the end of Metro’s fiscal year (June 30, 2019); SBCCOG staff has begun discussions with Metro to craft a new MOU with an expanded Scope of Work that would replace the sunseting vanpool MOU.

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: 326 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 September 2018:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
9/8/18	Greywater Class – Torrance	57/99	Email: 71, Flyer: 1, Friend or Family: 6, Local Publication: 9, Other: 3, Website: 9	ML
9/26/2018	Landscape Transformation Class - Inglewood	45/90	Community Org/Event: 2, Door Hanger: 28, Flyer: 10, Newspaper: 2, Online Calendar: 1, Other Social Media: 6, SBESC Email: 29, West Basin Social Media: 4, West Basin Website: 5, Word of Mouth: 3	CW

Outreach Events

In September:

- 6 community events
- 2 business events
- 1 employee event
- 1 networking opportunity
- 2 residential workshops
- 1 SCE Seminar
- 3 presentations

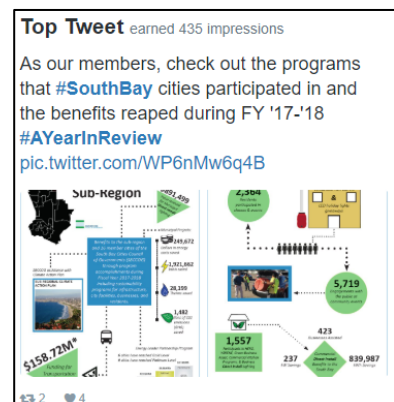
Calendar year-to-date through September 2018:

- 42 community events
- 5 SCE Seminars
- 2 employee events
- 5 business events
- 6 residential workshops
- 13 presentations
- 2 networking opportunity

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (top tweet – right)
 - Twitter: 164 followers total, 814 impressions* month of September
 - Facebook: 74 likes total, 209 impressions month of September
- SBESC -- Totals for Social Media (top tweet – right)
 - Twitter: 548 followers total, 3,200 impressions* month of September
 - Facebook: 724 likes total, 381 impressions month of September
 - LinkedIn: 121 followers total, 67 impressions month of September



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

Press Releases/Press Interviews/Articles/Network TV

“California Green Business Network Certification Program in Torrance, September 5, 2018 sent to chamber and print media

“California Green Business Network Certification Program in Hawthorne, September 27, 2018 sent to the Hawthorne Chamber and print media

Volunteer Program

Status of Program: 102.75 hours for September 2018; 2018 thus far = 931.35 hours; Grand total as of 8/31/18: 18,606.78 (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.

