

# South Bay Cities Council of Governments

August 23, 2018

TO: SBCCOG Board of Directors

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

SUBJECT: Environmental Activities Report – July 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:** 1,665,337 kWh **Goal:** Met by 133.7%

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

**Energy Leader Partnership** – SBCCOG cities have made great strides during the first half of the year yielding high energy savings. This quarter Inglewood moved up a tier level to Platinum. The SBCCOG now has 9 Platinum cities and 6 Gold cities - the most Platinum cities out of all SCE Local Government Partnerships. Our energy engineer and city staff have been very active in identifying energy efficiency projects and preparing incentive and rebate applications. As measures and rebates often expire without much 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 partnerships and incentive/rebates for local governments. Due to aggressive cost effectiveness metrics that assess narrow performance measures and directives from the California Public Utilities Commission (CPUC) to move 60% of their energy efficiency portfolio to 3<sup>rd</sup> parties, the future of Local Government Partnerships and funding for energy efficiency for cities is bleak. The SBCCOG 2019 Edison budget was cut by almost 50% from 2018.

However, even though CPUC appears to be moving away from supporting Local Governments, 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, the funding is committed by Edison to complete their obligation as long as the city also meets all of their project requirements. (Also 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 Lighting	Q3/18	9,461	\$2,034
		Pool Pump VFD	Q3/18	51,758	\$11,646
		Exterior & Interior Lighting	Q3/18	752,762	\$161,331
		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
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				11,398,986	\$2,526,497

**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
Total		16,656	\$16,656

**Energy Management Information** – The Energy Management Working Group met in July and went over project updates with the SBCCOG energy engineer. SBCCOG staff gave an update with regard to CPUC rulings as stated above. Staff stressed the importance of completing projects this year.

**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 June 2018. Proceeds from HERO for 2018 Q1 = \$442.85. Proceeds for 2018 Q2 are expected in August 2018. Total since

program start in 2014 = \$28,039.97. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through June 2018 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	1,912	1,267	\$88,650,948	723	\$ 18,612,321	168	1,218	69	179	414	4,432,358	1,085
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	680	457	\$31,667,817	250	\$ 6,254,671	56	409	26	40	76	1,188,043	289
Hawthorne	5/23/14	11,621	535	386	\$30,516,024	219	\$ 4,990,901	45	341	12	40	76	1,097,164	267
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	1,311	870	\$60,897,591	482	\$ 12,438,589	112	783	51	48	111	2,252,091	545
Lawndale	5/23/14	5,262	150	99	\$7,677,771	49	\$ 1,224,893	11	83	7	12	30	265,505	67
Lomita	5/23/14	4,606	110	91	\$8,711,295	46	\$ 1,143,207	10	74	6	14	39	323,538	80
Manhattan Beach	5/28/15	12,403	90	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	214	188	\$30,447,832	86	\$ 2,342,817	21	134	6	18	62	655,232	158
Redondo Beach	3/24/15	20,292	184	152	\$20,161,910	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	43	38	\$7,323,042	22	\$ 773,815	7	29	2	10	46	210,979	55
Torrance	5/23/14	37,899	727	592	\$63,934,604	326	\$ 7,422,737	67	460	32	102	245	1,971,192	488
<b>Total</b>		<b>179,200</b>	<b>6,107</b>	<b>4,344</b>	<b>\$ 393,047,510</b>	<b>2,378</b>	<b>\$ 59,786,873</b>	<b>539</b>	<b>3,782</b>	<b>230</b>	<b>529</b>	<b>1,283</b>	<b>13,612,233</b>	<b>3,341</b>

\* 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 June 2018 is listed below:

Property Type	Totals (Residential + Commercial)							Residential (Only)							Commercial (Only)								
	# of Properties Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount	# of Properties Improved	# of Apps	Eligible Amount	# of App'd Projects	Approved Amount	# of Funded Projects	Funded Amount	# of Properties Improved	# of Apps	Eligible Amount	# of App'd Projects	Approved Amount	# of Funded Projects	Funded Amount		
El Segundo	0	1	\$154,711	1	\$154,711	0	\$0	0	1	\$154,711	1	\$154,711	0	\$0	-	-	-	-	-	-	-	-	
Gardena	1	4	\$330,425	2	\$174,634	1	\$10,508	1	3	\$359,878	2	\$174,634	1	\$10,508	0	1	\$30,547	0	\$0	0	\$0	0	\$0
Hawthorne	1	6	\$1,135,050	4	\$645,749	1	\$19,087	0	4	\$434,345	3	\$303,957	0	\$0	1	2	\$700,706	1	\$341,793	1	\$19,087	1	\$19,087
Inglewood	2	3	\$387,820	1	\$91,289	2	\$100,828	2	3	\$237,820	1	\$91,289	2	\$100,828	0	0	\$150,000	0	\$0	0	\$0	0	\$0
Redondo Beach	1	3	\$402,390	2	\$262,960	1	\$17,120	1	3	\$402,390	2	\$262,960	1	\$17,120	-	-	-	-	-	-	-	-	-
Torrance	0	3	\$180,187	2	\$180,187	0	\$0	0	3	\$180,187	2	\$180,187	0	\$0	-	-	-	-	-	-	-	-	-
<b>Totals</b>	<b>5</b>	<b>20</b>	<b>2650583</b>	<b>12</b>	<b>1509530</b>	<b>5</b>	<b>147543</b>	<b>4</b>	<b>17</b>	<b>1769330</b>	<b>11</b>	<b>1167737</b>	<b>4</b>	<b>128456</b>	<b>1</b>	<b>3</b>	<b>881253</b>	<b>1</b>	<b>341793</b>	<b>1</b>	<b>19087</b>	<b>1</b>	<b>19087</b>

**South Bay Green Business Assist Program**

SBCCOG submitted a proposal in response to the City of Hawthorne RFP to assist in the implementation of their Green Business Network (GBN) program. The GBN program is a green business certification program. The SBCCOG is also working with Torrance staff to implement the same program for their city. The contract with the SBCCOG is scheduled to go to Torrance Council for approval this month (August). Staff will be meeting with Direct Install contractor to help facilitate participation of businesses in the South Bay. Participants by city: Torrance (35), Lawndale (26), Redondo Beach (16), El Segundo (15), Gardena (15), Hawthorne (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 181 businesses in the program as of the end of July 2018.

**Water Conservation**

West Basin Municipal Water District Programs (West Basin) Contract year is Sept. 1, 2017 through Aug. 31, 2018

**Task 1. Educational Outreach Support**

Exhibit Events

*Contract goals:* 100 exhibit events, presentations, etc.  
*Status of goal:* 79 exhibit events, presentations, etc.

*Task 1 has been revised by West Basin to include Water Bottle Filling Station Program and to schedule presentations by West Basin staff at SBCCOG committee meetings dependent on West Basin schedule and need.*

Water Bottle Filling Station Program

*Status:* West Basin has continued the funding of this program; new funding cycle began July 1<sup>st</sup>. 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).

Task 2. Support for Workshops & Events

Educational Classes

*Contract goals:* minimum of 12 and a maximum of 24

*Status of goals:* 4 completed; staff recently received and has begun to disseminate the new flyer for the Landscape Transformation classes that will take place between August 2018 and March 2019.

Rain Barrel Giveaway

*Contract goal:* 5

*Status of goal:* 5 completed GOAL MET; SBCCOG staff is working with West Basin staff to finalize locations and dates for rain barrel giveaway events in the 2018-2019 contract year.

Greywater Workshops

*Contract goal:* 10 workshops: 5 symposiums and 5 technical workshops (2 in each Director's division)

*Status of goal:* 10 workshops completed: -- GOAL MET

Water Harvest

*Contract goal:* support West Basin with Water Harvest Event

*Status of goal:* completed; event was held October 14, 2017 -- GOAL MET

Task 3. Cash for Kitchens

*Contract goal:* target up to 75 commercial kitchens

*Status of goal:* 37 water surveys completed; Thirteen surveys were conducted in the month of July.

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.

Task 5. Translation Services

*Contract goal:* as needed

*Status of goal:* no translation services were provided in the month of July.

Torrance Water

Task 1: Support for educational classes (California Friendly Landscape Training (CFLT) or Turf Removal (TR) Class and community events (This goal is dependent upon West Basin establishing classes).

*Contract goal:* as requested

*Status of goal:* 4 CFLT/TR/Greywater classes completed; 1 scheduled: 9/8/18 (Greywater). Torrance hosted the City Yard Open House on 6/2/18. Torrance hosted a WRD Edible Gardening class on 7/14/18 that was promoted through all of the SBCCOG and SBESC media channels; another WRD class on Sustainable Landscaping Design is scheduled for 8/11/18, and the SBCCOG will promote that class.

## Task 2: Cash for Kitchens

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

*Status of goal:* 10 water surveys completed in June; 10 follow-up site visits completed. GOAL MET.

## Water Replenishment District of Southern California (WRD) Contract year is March 21, 2018-June 30, 2019.

Promotion of WRD programs continues through the SBCCOG's information kiosk, SBESC e-newsletter, and the Green Building Assist Program e-newsletter. SBCCOG staff has finalized arrangements with WRD to present a Spanish-language Edible Gardening Workshop in Lennox on August 18<sup>th</sup>.

## 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: 3/20/18 and 4/19/18; 1 has been scheduled: 10/9/18. 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:* 6 completed
- 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:* SBCCOG staff in process of identifying potential commercial kitchens; a water assessment has been scheduled at Kaiser South Bay in Harbor City in August.

## **Transportation**

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

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

*Status of goals:* 244 outreach events - GOAL MET: 14 information/formation meetings

In July, collateral materials were distributed at 2 SBCCOG outreach events. In addition, 1 meeting was held with the Wedgewood Real Estate Investment Company to assist them with parking mitigation strategies, primarily vanpool formation, in support of their expanding employee workforce. Discussions continue to support CSUDH's efforts to re-establish their vanpool program. In addition, SBCCOG staff is also working with the City of Torrance to help facilitate new vanpool formation. SBCCOG Staff continued follow up and outreach formation support with Enterprise contacts.

### 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:* 296 community events and 14 presentations completed. In addition, 26 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 of value for the summer holiday season and Labor Day events.

## II. MARKETING, OUTREACH, & IMPLEMENTATION

### Workshops, Trainings, & Exchanges

The following chart provides an overview of all registration events held in July 2018:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
7/17/2018	Making Your Home Healthier and More Comfortable the Energy and Water Efficiency Way	7/9	Email: 9, Walk-In: 2	GF

Outreach Events

- 1 community event in July
- 1 residential workshop in July
- 1 SCE Seminar in July

Calendar year-to-date through July 2018:

- 33 community events
- 3 SCE Seminar 1 employee
- 3 business events
- 3 residential workshops
- 10 presentations
- 1 employee event

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
  - Twitter: 153 followers total, 2,300 impressions\* month of July
  - Facebook: 69 likes total, 49 impressions month of July
- SBESC -- Totals for Social Media (*top tweet – right*)
  - Twitter: 532 followers total, 2,800 impressions\* month of July
  - Facebook: 706 likes total, 685 impressions month of July
  - LinkedIn: 120 followers total, 108 impressions month of July

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



Press Releases/Press Interviews/Articles/Network TV

"South Bay Environmental Services Center presents WRD ECO Gardener Edible Gardening Spanish," July 27, 2018 sent to cities, chambers, and media

Earned Print Media/Online Media/Cable TV

"West Basin Cash for Kitchens Program," Hermosa Beach Chamber of Commerce Weekly Newsletter July 6, 13, 20, and 27, 2018

"Edible Gardening," Daily Breeze July 12, 2018

"Energy Workshop," Daily Breeze July 12, 2018

"Eco Gardener Edible Gardening in Spanish," City of Hawthorne website calendar

"LGSEC Website Spotlight Article about SBCCOG," <http://www.lgsec.org/south-bay-cities-council-of-governments-member-spotlight/> July, 2018

**Volunteer Program**

Status of Program: 86.75 hours for July 2018; 2018 thus far = 739.10 hours

Grand total as of 7/31/18: 18,414.53 (starting April 2008)