

# South Bay Cities Council of Governments

April 26, 2018

TO: SBCCOG Board of Directors

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

SUBJECT: Environmental Activities Report – March 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 Planning**

#### Strategic Growth Council (SGC) Grant

**Project Closeout** – SBCCOG team finalized the subregional CAP and city CAPs as well as remaining deliverables for submission to SGC. Staff will be work with Palos Verdes Estates to present their draft CAP next month to their City Council.

### **Energy Efficiency**

#### Energy Efficiency Partnership Program – Southern California Edison (SCE)

**2018 Energy Saving Goal:** 1,245,812 kWh **2018 Status:** 101,880 **Goal:** 8.2% achieved

**2018 Demand Reduction Goal:** 78 kW **2018 Status:** 20 kW **Goal:** 25.9%

**Energy Leader Partnership** - The SBCCOG staff along with our energy engineer worked with Carson and Inglewood to address questions from SCE required for final approval for their streetlighting projects. Rolling Hills Estates received final approval from SCE for their streetlighting incentive. Cities continued working with the SBCCOG energy team on community park lighting and sport-field lighting projects. Hermosa Beach was presented with their Platinum Energy Leader certificate at their March 27, 2018 City Council meeting. Elected officials can continue to help the SBCCOG meet Edison goals by discussing projects with their staff, supporting project delivery, and notifying the SBCCOG staff of upcoming projects.

The following is a list of “pipeline” projects specific to electricity. Each city’s Energy Leader Partnership (ELP) program status is also included.

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
Carson	Gold	Lighting/Pool Boiler/Water Heater/VFD	Q2 2018	28,578	\$6,144
		Pool Pump VFD	Q3 2018	51,758	\$11,646
		Exterior & Interior Lighting	Q3 2018	729,931	\$156,667
		LED Streetlights	Q2 2018	588,596	\$234,752

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
		LED Sports Lighters	Q4 2018	733,452	\$124,687
Gardena	Gold	Exterior & Interior Lighting	Q4 2018	78,125	\$13,281
		Exterior & Interior Lighting	Q4 2018	284,534	\$24,626
Hermosa Beach	Platinum	Exterior LED Lighting	Q4 2018	29,574	\$5,915
Inglewood	Gold	LED Streetlights	Q2 2018	646,254	\$396,830
		Chiller VFD/HVAC Controls	Q1 2019	291,870	\$115,022
		Elevator Motor-Generator Set	Q2 2018	121,900	\$29,007
Manhattan Beach	Platinum	LED Sports Lighters	Q4 2018	305,597	\$61,119
		Exterior LED Lighting	Q2 2018	55,305	\$13,890
Palos Verdes Estates	Platinum	LED Lighting	Q4 2018	33,739	\$7,240
Rancho Palos Verdes	Gold	LED Streetlights	Q2 2018	22,079	\$9,075
		LED LS-1 to LS-2 Conversion	Q2 2019	557,976	\$240,992
Redondo Beach	Gold	LED Lighting	Q2 2018	42,311	\$7,193
Rolling Hills Estates	Gold	LED Streetlights	Q2 2018	23,587	\$10,100
Torrance	Gold	Interior LED Lighting	Q3 2018	837,954	\$164,370
		Exterior & Interior LED Lighting	Q2 2018	35,899	\$38,285
		Interior LED Lighting	Q2 2018	15,755	\$15,221
		VFD & Pump Motor	Q4 2018	172,003	\$29,240
		Interior LED Lighting	Q3 2018	16,741	\$4,604
Total				5,681,461	\$1,719,906

**Energy Management Information** – The Energy Management Working Group met on March 22, 2018. SBCCOG staff gave an overview of the Strategic Plan project funding to be used to benchmark municipal facilities which will help identify energy efficiency projects. Staff also stated that the funds will be used to investigate an energy management tool to help cities manage their electric and gas usage. City staff and SBCCOG energy engineer shared current energy efficiency project pipeline with the group.

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

**2018 Goal:** 10,000 therms **2018 Status:** 6,532 therms

**2018 Incentives Received:** 0

SBCCOG staff announced at the Energy Management Working Group that the SCE/SCG Strategic Plan benchmarking activities will identify opportunities to reduce gas usage at municipal facilities.

<i>Agency</i>	<i>Project</i>	<i>Therm Savings</i>	<i>Incentive</i>
City of Inglewood	Replace 4 x boilers	TBD	TBD
City of Carson	Hemingway Park pool heaters	TDB	TBD

**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 February 2018. Proceeds from HERO for 2017 Q4 = \$1,195.73. Proceeds for 2018 Q1 are expected in mid-April 2018. Total since program start in 2014 = \$27,597.12. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through February 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	1,861	1,242	\$86,807,373	709	\$ 18,297,949	165	1,192	69	179	414	4,330,029	1,062
El Segundo	5/23/14	4,209	53	44	\$7,555,809	24	\$ 629,058	6	30	4	8	18	168,929	41
Gardena	5/23/14	12,360	657	445	\$30,647,025	243	\$ 6,117,840	55	401	26	38	73	1,174,246	285
Hawthorne	5/23/14	11,621	515	375	\$29,582,673	209	\$ 4,804,536	43	328	10	38	73	1,067,538	260
Hermosa Beach	5/23/14	6,473	54	40	\$8,413,706	19	\$ 395,206	4	20	0	10	23	96,974	26
Inglewood	5/23/14	19,038	1,278	855	\$59,694,848	470	\$ 12,093,034	0	757	50	48	111	2,182,496	529
Lawndale	5/23/14	5,262	146	98	\$7,568,672	46	\$ 1,053,045	0	77	5	10	21	244,737	61
Lomita	5/23/14	4,606	104	87	\$8,285,704	44	\$ 1,051,802	0	69	6	14	39	318,342	78
Manhattan Beach	5/28/15	12,403	89	80	\$18,104,211	40	\$ 1,327,414	0	68	7	26	93	438,949	114
Palos Verdes Estates	5/28/15	5,115	36	32	\$7,062,522	10	\$ 527,780	0	16	3	4	11	78,276	20
Rancho Palos Verdes	5/23/14	14,759	209	185	\$29,990,313	85	\$ 2,333,025	0	134	5	18	62	655,232	158
Redondo Beach	3/24/15	20,292	183	151	\$20,060,893	78	\$ 1,554,437	0	113	3	18	37	428,518	105
Rolling Hills	5/23/14	698	6	6	\$1,631,678	2	\$ 119,637	0	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,090	42	37	\$7,078,422	21	\$ 706,233	0	29	2	8	35	194,996	49
Torrance	5/23/14	37,899	708	580	\$62,548,927	323	\$ 7,382,806	0	456	32	102	245	1,952,972	484
<b>Total</b>		<b>179,200</b>	<b>5,941</b>	<b>4,257</b>	<b>\$385,032,776</b>	<b>2,323</b>	<b>\$ 58,393,802</b>	<b>272</b>	<b>3,692</b>	<b>222</b>	<b>521</b>	<b>1,258</b>	<b>13,333,230</b>	<b>3,272</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, 1H2013.

\*\*\* 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 total payments to the SBCCOG for 2017 are \$3,296.99 with a total of \$6,487.86 since 2016 when program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through February 2018 listed below:

Property Type	Totals										
	District	# of Homes Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount	# of Homes Improved	# of Apps	Eligible Amount
Carson		0	12	\$693,230.97	6	\$373,379.26	0	\$0.00	0	12	\$693,230.97
Gardena		4	9	\$599,901.30	4	\$279,205.24	4	\$158,761.56	4	9	\$599,901.30
Hawthorne		2	11	\$1,004,034.08	6	\$507,660.71	2	\$80,158.68	2	10	\$805,034.08
Inglewood		4	26	\$1,678,685.40	16	\$1,128,695.25	4	\$182,645.10	4	25	\$1,678,685.40
Redondo Beach		0	1	\$135,470.00	1	\$135,470.00	0	\$0.00	0	1	\$135,470.00
Rolling Hills Estates		1	0	\$0.00	0	\$0.00	1	\$6,584.67	1	0	\$0.00
Torrance		1	0	\$0.00	1	\$126,600.00	1	\$22,232.76	1	0	\$0.00

Property Type	Residential				Commercial							
	District	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount	# of Homes Improved	# of Apps	Eligible Amount	# of Approved Projects	Approved Amount	# of Funded Projects	Funded Amount
Carson		6	\$373,379.26	0	\$0.00	-	-	-	-	-	-	-
Gardena		4	\$279,205.24	4	\$158,761.56	-	-	-	-	-	-	-
Hawthorne		6	\$507,660.71	2	\$80,158.68	0	1	\$189,000.00	0	0	0	\$0.00
Inglewood		16	\$1,128,695.25	4	\$182,645.10	0	1	\$0.00	0	0	0	\$0.00
Redondo Beach		1	\$135,470.00	0	\$0.00	-	-	-	-	-	-	-
Rolling Hills Estates		0	\$0.00	1	\$6,584.67	-	-	-	-	-	-	-
Torrance		1	\$126,600.00	1	\$22,232.76	-	-	-	-	-	-	-

## South Bay Green Business Assist Program (formerly Green Building Challenge)

SBCCOG staff developed a new flyer describing the program and how businesses can benefit. Currently, the participating businesses are receiving a monthly e-newsletter with information on programs and training opportunities. 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) approved for a total of 181 businesses in the program as of the end of February 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:* 52 exhibit events, presentations, etc.

*Task 1 is under revision per West Basin. It is now proposed to include Water Bottle Filling Station Program and to schedule presentations by West Basin staff at SBCCOG committees, if and when possible.*

## Task 2. Support for Workshops & Events

### Educational Classes

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

*Status of goals:* 4 completed

### Rain Barrel Giveaway

*Contract goal:* 5

*Status of goal:* 3 completed; 2 scheduled: 4/7/18 - Manhattan Beach and 5/19/18 - Inglewood

### Greywater Workshops

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

*Status of goal:* 4 workshops completed: 2/15/18 and 2/27/18 in Redondo Beach, 3/14/18 and 3/20/18 in Inglewood; 6 workshops scheduled: 4/11/18 and 4/18/18 in Culver City (for El Segundo residents); 5/16/18 and 5/22/18 in Hawthorne; 6/13/18 and 6/20/18 in Carson

### Water Harvest

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

*Status of goal:* completed; event was held October 14, 2017.

## Task 3. Water Reliability Program

*Contract goal:* schedule up to 6 Water Reliability related presentations.

*Status of goal:* this task is proposed to be part of Task 1

## Task 4. Cash for Kitchens (proposed to change to Task 3)

*Contract goal:* target up to 75 institutional facilities (Schools Districts, Cities, Hospitals, Colleges, Community Centers, Churches, and Convalescent Senior Centers) with food service and/or kitchen operations on-site total.

*Status of goal:* 18 water surveys completed; no surveys were conducted in March due to West Basin revising this task.

SBCCOG staff met with Kaiser Permanente in Manhattan Beach to discuss CFK program.

## Task 5. Disadvantaged Community (DAC) Water-Energy Initiative Program (Clothes-Washer) (proposed to change to Task 4)

*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.

According to West Basin staff, the start of the program has been delayed, although SBCCOG staff does continue to cultivate relationships in the DAC communities. A meeting has been scheduled on April 5 with SBCCOG staff and West Basin staff to discuss the direction of the DAC Water-Energy Initiative Program.

## Task 6. Translation Services (proposed to change to Task 5)

*Contract goal:* as needed

*Status of goal:* translation services were provided in the month of March. Document translated: "Rain Barrel Painting Instructions "

### Torrance Water

#### Task 1: Support for educational classes (California Friendly Landscape Training (CFLT) or Turf Removal (TR) Class and community events

*Contract goal:* as requested

*Status of goal:* 2 CFLT classes completed; 3 scheduled: 4/7/18 (TR), 6/30/18 (CFLT), and 9/8/18 (TR).  
Torrance will be hosting the City Yard Open House on 6/2/18.

#### Task 2: Cash for Kitchens

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

*Status of goal:* SBCCOG staff just recently received the water-saving devices. Torrance is developing the English/Spanish posters. Torrance has set the goal to begin outreach in April.

### MWD Caucus Meeting

The March meeting featured Jeff Kightlinger, General Manager and Chief Executive Officer, Metropolitan Water District who went over options for moving forward with the \$16 billion California WaterFix, imported supply outlook for this water year, the biennial budget, and water rates proposed for 2019 and 2020.

Water Replenishment District of Southern California (WRD) Contract year is August 24, 2017-March 31, 2018.  
SBCCOG staff continued to promote WRD programs through the SBCCOG's information kiosk, e-newsletter, and community events during the month of March.

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

*Contract goals:* Schedule 5 Sanitation Districts-related presentations

*Status of goals:* 1 has been completed: 3/20/18; 1 has been scheduled: 4/19/18; in process of scheduling 2 presentations with Redondo Union High School

SBCCOG staff worked with LACSD staff in promoting the March 27<sup>th</sup> workshop related to the Clearwater Project. A workshop was held at the Wilmington Senior Center and the next one is scheduled for April in Carson.

### 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:* 4 completed; 2 scheduled: 5/3/18 – San Pedro Rotary and 6/25/18 – Seal Day, Marine Mammal Care Center, San Pedro
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training given 3/15/18
- 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

### **Transportation**

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

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

*Status of goals:* 214 outreach events **Goal met:** 8 information/formation meetings

In March, collateral materials were distributed at 14 SBCCOG outreach events. SBCCOG Staff met with Enterprise to explore joint supportive outreach efforts in the South Bay. Initial sharing of data has resulted in a

Vanpool opportunity with Physical Optics. SBCCOG staff continues to explore opportunities to leverage the outreach program through the Green Building Assist Program.

Metro Express Lanes (MEL) (Contract period Aug. 1, 2015 – Jul. 31, 2018)

Contract goal: 30 outreach events; 2 presentations (This goal is dependent upon the availability of the mobile van). Status of goal: 266 community events and 14 presentations completed. In addition, 23 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. SBCCOG staff began year-end review and marketing/outreach planning for 2018.

Travel Pal – Smart Mobility Tool (Contract period Aug. 1, 2015 – Feb. 28, 2018)

Final invoicing and reporting was completed in March.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

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

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
3/10/2018	California Friendly Landscape Training - Torrance	59/111	Email: 73, Flyer: 15, Friend or Family: 5, Local Publication: 3, Website: 11, Other: 4	MS
3/14/2018	Rainwater / Greywater Class - Inglewood	23/57	Door Hanger: 15, Flyer: 12, Newspaper: 1, Online Calendar: 5, Other Social Media: 5, Postcard: 2, SBESC Email: 1, West Basin Social Media: 2, West Basin Website: 6, Word of Mouth: 3, Walk-In: 5	AB
3/17/2018	Rain Barrel Distribution – Lawndale (379 rain barrels distributed)	219/337	Comm. Org./Event: 4, Door Hanger: 33, Flyer: 68, Newspaper: 2, Online Calendar: 2, Other Social Media: 19, Postcard: 101, SBESC Email: 38, West Basin Social Media: 13, West Basin Website: 22, Word of Mouth: 35, Walk-In: 10	GF/AB
3/31/2018	California Friendly Garden (Hands-On) Workshop – Hermosa Beach	TBD/26	TBD	MS

Outreach Events

- 7 community events in March
- 2 presentations in March

Calendar year-to-date through March 2018:

- 14 community events
- 3 presentations
- 3 business events
- 1 SCE Seminar
- 1 residential workshop

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (top tweet – right)
  - Twitter: 122 followers total, 1,800 impressions\* month of March
  - Facebook: 65 likes total, 17 impressions month of March



- SBESC -- Totals for Social Media (*top tweet – right*)
  - Twitter: 516 followers total, 2,000 impressions\* month of March
  - Facebook: 697 likes total, 464 impressions month of March
  - LinkedIn: 118 followers total, 293 impressions month of March

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

Press Releases/Press Interviews/Articles/Network TV

*"Join in the Fun, Comradery, and Meaningful Work of a South Bay Environmental Services Center Volunteer, Recruiting Now!,"* March 5, 2018  
*"Moving Toward Zero Waste: Minimizing Your Impact on the Environment,"* March 26, 2018

Earned Print Media/Online Media/Cable TV

*"Landscape training,"* Daily Breeze, March 9, 2018  
*"South Bay Environmental Services Center will host a Volunteer Training and Recruitment event."* Daily Breeze, March 13, 2018

**Volunteer Program**

*Status of Program:* 98.00 hours for March 2018; 2018 thus far = 281.75 hours  
*Grand total* as of 3/31/18: 17,957.18 (starting April 2008)

Training for volunteers was held on March 15th where SBCCOG staff provided program revisions and updates for 16 volunteers. In attendance we had 2 volunteers; 1 former volunteer and 13 new people. SBCCOG staff was able to recruit 11 new volunteers at the training.

