

# South Bay Cities Council of Governments

March 12, 2018

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – February 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

**City CAPs** - Presentations to city councils continued in Feb. 12 cities approved or took a positive council action on their CAPs. The three others are as follows:

- Manhattan Beach Council has identified the document as the foundation for a more comprehensive CAP to be completed in 2018.
- Hermosa Beach already has a qualified GHG General Plan; however, the City sent a letter stating that the plan developed with the assistance of the SBCCOG will serve as a guide to assess and prioritize future projects and be used as a tool to identify opportunities where implementation of GHG emission reduction programs can be accomplished more effectively.
- Palos Verdes Estates is scheduled for council review in the spring.

**Project Closeout** – SBCCOG team is finalizing the subregional CAP and compiling the final submission packet for the SGC.

### **Energy Efficiency**

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

**2018 Energy Saving Goal:** 1,245,812 kWh **2018 Status:** 51,654 **Goal:** 4.1% achieved

**2018 Demand Reduction Goal:** 78 kW **Goal Status:** 0

**Energy Leader Partnership** - The SBCCOG staff along with our energy engineer worked with Carson, Inglewood, and Rolling Hills Estates to complete the SCE required incentive documentation for the streetlighting projects. Cities also continued working with the SBCCOG team on community park lighting projects. Gardena was presented with their Gold Energy Leader certificate at their February 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	Q1 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	Q1 2018	588,596	\$234,752
		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	Q1 2018	646,254	\$396,830
		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	Q1 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	Q1 2018	58,409	\$10,327
Torrance	Gold	Interior LED Lighting	Q3 2018	837,954	\$164,370
		Exterior & Interior LED Lighting	Q1 2018	35,899	\$38,285
		Interior LED Lighting	Q1 2018	15,755	\$115,221
		VFD & Pump Motor	Q4 2018	172,003	\$29,240
		Interior LED Lighting	Q3 2018	16,741	\$4,604
Total				5,446,470	\$1,605,111

**Energy Management Information** - This SCE/SCG Strategic Plan project received the Notice to Proceed February 1. A kick-off meeting was held with SBCCOG staff and energy engineer to go over program tasks. Funds will be used to benchmark facilities which will help identify energy efficiency projects. In addition, the funds will be used to investigate an energy management tool to help cities manage their electric and gas usage.

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 met with SCG staff to formulate plans to identify gas projects for 2018. In addition, 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>	<i>Project Completion</i>	<i>Comments</i>
City of Inglewood	Replace 4x boilers	TBD	TBD		No application in house

**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 December 2017. Proceeds from HERO for 2017 Q4 = \$1,195.73. Proceeds for 2018 Q1 are expected in 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 January 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	1,853	1,235	\$86,363,164	706	\$ 18,248,017	164	1,190	68	179	414	4,329,144	1,062
El Segundo	5/23/14	4,209	51	42	\$7,182,297	24	\$ 629,058	6	30	4	8	18	168,929	41
Gardena	5/23/14	12,360	653	442	\$30,366,706	239	\$ 5,994,076	54	391	24	36	71	1,150,561	279
Hawthorne	5/23/14	11,621	511	371	\$29,270,879	208	\$ 4,765,523	43	327	10	38	73	1,067,092	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	1,267	848	\$59,066,012	469	\$ 12,077,321	109	756	50	48	111	2,182,061	529
Lawndale	5/23/14	5,262	142	94	\$7,235,826	45	\$ 1,040,438	9	74	5	10	21	224,264	56
Lomita	5/23/14	4,606	102	86	\$8,158,849	42	\$ 1,008,111	9	68	6	12	36	312,674	77
Manhattan Beach	5/28/15	12,403	89	80	\$18,104,211	39	\$ 1,289,800	12	68	7	24	85	426,488	110
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	208	184	\$29,859,927	84	\$ 2,299,533	21	131	5	16	59	649,589	156
Redondo Beach	3/24/15	20,292	183	151	\$20,060,893	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	41	36	\$6,914,523	20	\$ 673,760	6	26	2	8	35	193,244	49
Torrance	5/23/14	37,899	708	580	\$62,548,927	321	\$ 7,289,956	66	450	32	100	239	1,896,454	471
<b>Total</b>		<b>179,200</b>	<b>5,904</b>	<b>4,227</b>	<b>\$382,240,121</b>	<b>2,306</b>	<b>\$ 57,912,654</b>	<b>522</b>	<b>3,662</b>	<b>219</b>	<b>511</b>	<b>1,234</b>	<b>13,205,263</b>	<b>3,240</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, I/II/2013.

\*\*\* 1 job for every \$117,000 invested.

**YGRENE – PACE**

The SBCCOG 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. Since the program started in 2016, payments have totaled \$6,487.86. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. City breakdown by project listed below for activity through January 2018:

Project Type	Launch Date	Residential				Commercial				Project Type											
		# Apps	Eligible Amount	# Approvals	Approved Amount	# Funded Project	Funded Amount	# Apps	Eligible Amount	# Approvals	Approved Amount	# Funded Project	Funded Amount	Jobs Created	Energy	Water	Seismic	Renewable	Solar MW Installed	Lifetime kWh Saved	Lifetime CO2 Reduced (Mtons)
District	Launch Date																				
Carson	10/6/2015	12	\$777,281	5	\$1,036,455	4	\$80,246	0	\$0	0	\$0	0	0	1	3	1	0	0	0	544,532	36
Inglewood	8/8/2017	8	\$516,434	2	\$1,172,962	4	\$253,943	0	\$0	0	\$0	1	\$39,475	4	4	0	0	1	0.018	1,931,063	352
Gardena	1/12/2016	9	\$683,714	5	\$683,714	1	\$9,340	0	\$0	0	\$0	0	\$0	0	0	1	0	0	0	63,379	11
Hawthorne	10/13/2015	7	\$329,687	4	\$576,716	3	\$115,041	0	\$0	0	\$0	0	\$0	2	3	0	0	0	0	780,640	138
Lomita	8/26/2015	0	\$0	0	\$101,196	1	\$45,176	0	\$0	0	\$0	0	\$0	1	1	0	0	0	0	306,553	54
El Segundo	12/15/2015	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	0	0	0	0	0	0	0
Rolling Hills Estates	10/13/2015	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	0	0	0	0	0	0	0
Torrance	10/13/2015	2	\$228,577	0	\$342,314	1	\$16,769	1	\$234,000	1	\$234,000	0	\$0	0	0	0	1	0	0	113,790	20
Redondo Beach	1/19/2016	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	0	0	0	0	0	0	0
<b>Totals</b>		<b>38</b>	<b>\$2,535,692.56</b>	<b>16</b>	<b>\$3,913,356.77</b>	<b>14</b>	<b>\$520,514.71</b>	<b>1</b>	<b>\$234,000.00</b>	<b>1</b>	<b>\$234,000</b>	<b>1</b>	<b>\$39,475.17</b>	<b>8</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0.02</b>	<b>3,799,957</b>	<b>671</b>

**South Bay Sustainable Green Business Program (formerly Green Building Challenge)**

SBCCOG staff is developing a 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) 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**

**Water Reliability Support Cards**

**Contract goals:** 300 support cards

**Status of goal:** 82 collected as of the end of February 2018; SBCCOG staff was informed in mid-February by West Basin staff that we are no longer to collect the WR support cards. The Public Information & Education Department at West Basin is re-working some of the West Basin outreach programs.

## Task 2. Support for Workshops & Events

### Educational Classes

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

*Status of goals:* 3 completed; 1 scheduled (March)

### Rain Barrel Giveaway

*Contract goal:* 5

*Status of goal:* 2 completed; 3 scheduled: 3/17/18 - Lawndale, 4/7/18 - Manhattan Beach, 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:* 2 workshops completed: 2/15/18 and 2/27/18 in Redondo Beach; 8 workshops scheduled: 3/14/18 and 3/20/18 in Inglewood; 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:* waiting for direction from West Basin staff; the Public Information & Education Department at West Basin is re-working some of the West Basin outreach programs.

## Task 4. Cash for Kitchens

*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 February due to West Basin putting a hold on the program. Program activities are being re-evaluated. A meeting has been scheduled in early March with SBCCOG staff and West Basin staff to discuss the direction of the CFK program.

SBCCOG staff updated files and dropped-off reports to businesses in Hawthorne and Lawndale.

## Task 5. 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.

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 in early March with SBCCOG staff and West Basin staff to discuss the direction of the DAC Water-Energy Initiative Program.

## Task 6. Translation Services

*Contract goal:* as needed

*Status of goal:* translation services were provided in the month of February. Document translated: "Rain Barrel Flyer"

## 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:* 1 CFLT class completed; 4 scheduled: 3/10/18 (CFLT), 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:* Torrance staff has ordered the water-saving devices and SBCCOG staff is waiting for delivery. Torrance is also developing the English/Spanish posters. The goal is to begin outreach in March.

## MWD Caucus Meeting

The February meeting provided MWD's proposed rates and charges and budget for Fiscal Year 2018/19 by Gary Breau, Chief Financial Officer and Assistant General Manager, Metropolitan Water District. A second presentation covered L.A. County's proposed Safe, Clean Water Program by Russ Bryden, Principal Engineer, Los Angeles County Department of Public Works. This program will be on the mid-term ballot, November 2018. Information can be found at [www.safecleanwaterla.org](http://www.safecleanwaterla.org).

## Water Replenishment District of Southern California (WRD) Contract year is August 24, 2017-March 31, 2018.

SBCCOG placed a WRD article focusing on the Water Independence Now (WIN) program in the SBESC e-newsletter, promoted with e-blast and hard copy invitations to elected officials and community leaders the February 6, 2018 Ribbon Cutting for the WRD/City of Torrance Desalter Expansion. SBCCOG staff replenished WIN program brochures at the SBCCOG's Palos Verdes information kiosk. SBCCOG staff continues to research locations in the South Bay for WRD's Eco Gardener workshops. SBCCOG staff met with WRD to discuss contract renewal.

## 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:* 2 have been scheduled: 3/20/18 and 4/19/18

SBCCOG staff met with LACSD staff regarding assistance in identifying potential residential and business organizations for upcoming workshops related to the Clearwater Project. The first workshop is scheduled for March at the Wilmington Senior Center.

## 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:* 3 completed; 1 scheduled (3/31/18 in Harbor City)
- 1 training for SBCCOG Volunteers on LADWP programs  
*Status of goal:* Training will be scheduled for early March 2018
- 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:* 205 outreach events **Goal met**; 8 information/formation meetings

In February, collateral materials were distributed at 8 SBCCOG outreach events. SBCCOG staff updated the South Bay 2017 analytics and vanpool maps the City of Torrance, Terranea Resort, and Carson. SBCCOG staff reached out to CSUDH to follow-up on marketing and support efforts for their existing TDM program. SBCCOG Staff met with Enterprise to explore joint supportive outreach efforts in the South Bay.

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: 252 community events and 12 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)

SBCCOG staff and consultant completed work on the project's Final Report which was submitted to Metro on February 28<sup>th</sup>. All of the SBCCOG interactive links to the Travel Pal site were decommissioned. Final invoicing and reporting will be completed in March.

**II. MARKETING, OUTREACH, & IMPLEMENTATION**

Workshops, Trainings, & Exchanges

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

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
2/8/2018	Making Your Home Healthier & More Comfortable the Energy & Water Efficiency Way	9/25	Email: 19, Flyer: 1, Local Publication: 1, Website: 1, Other: 3	GF
2/10/2018	Rain Barrel Distribution – Carson (397 rain barrels distributed)	284/472	Comm. Org./Event: 9, Door Hanger: 10, Flyer: 39, Newspaper: 1, Online Calendar: 5, Other Social Media: 18, Postcard: 247, SBESC Email: 79, West Basin Social Media: 15, West Basin Website: 22, Word of Mouth: 27	GF/AB
2/15/2018	Rainwater / Greywater Class	26/82	Comm. Org./Event: 4, Door Hanger: 1, Flyer: 2, Newspaper: 3, Online Calendar: 6, Other Social Media: 6, SBESC Email: 41, West Basin Social Media: 9, West Basin Website: 5, Word of Mouth: 5	ML
2/23/2018	19 <sup>th</sup> Annual General Assembly	??/421	Email: 266, Flyer: 17, Friend or Family: 33, Local Publication: 15, Other: 64, Social Media: 4, Website: 22	ALL STAFF

Outreach Events

- 4 community events in February
- 2 business events in February
- 1 residential workshop in February
- 1 SCE Seminar in February
- 1 presentation in February

Calendar year-to-date through February 2018:

- 7 community events
- 3 business events
- 1 presentation
- 1 SCE Seminar
- 1 residential workshop

**Media**

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (top tweet – right)
  - Twitter: 114 followers total, 4,200 impressions\* month of February
  - Facebook: 63 likes total, 119 impressions month of February

**Top Tweet** earned 799 impressions

Environmental Sustainability Study Session  
[#cityofmanhattanbeach](#)  
[pic.twitter.com/jmnEwgvcQG](http://pic.twitter.com/jmnEwgvcQG)



**Top Tweet** earned 212 impressions

Send an #eCard for #ValentinesDay...  
[ow.ly/NNCn30imo4i](http://ow.ly/NNCn30imo4i) #greentip  
[#EcoMonday pic.twitter.com/vC2eSe7bBN](http://pic.twitter.com/vC2eSe7bBN)



- SBESC -- Totals for Social Media (*top tweet – right*)
  - Twitter: 517 followers total, 2,200 impressions\* month of February
  - Facebook: 702 likes total, 628 impressions month of February
  - LinkedIn: 116 followers total, 586 impressions month of February

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

Press Releases/Press Interviews/Articles/Network TV

*“SBCCOG 19<sup>th</sup> Annual General Assembly - The Evolution of Retail & Its Challenges for Cities,”*  
 February, 2018 submitted to media  
*“Forum on the Future of Retail,”* CBS Channel 2 News, February 23, 2018

Earned Print Media/Online Media/Cable TV

*“The Retail Revolution & Its Challenges for Cities,”* Hermosa Beach Chamber E-News, February 6, 2018  
*“Healthy Homes,”* Daily Breeze, February 7, 2018  
*“Healthy Homes,”* Daily Breeze, February 8, 2018  
*“The Evolution of Retail & Its Challenges for Cities,”* Hany Fangary E-Newsletter, February 9, 2018  
*“The Evolution of Retail & Its Challenges for Cities,”* San Pedro Chamber E-News, February 9, 2018  
*“The Evolution of Retail & Its Challenges for Cities,”* Daily Breeze, February 11, 2018  
*“The Evolution of Retail & Its Challenges for Cities,”* Hermosa Beach Chamber E-News, February 14, 2018  
*“Public Agencies Prepare Baby Boomer Generation,”* Easy Reader, February 16, 2018  
*“The Evolution of Retail & Its Challenges for Cities,”* Hermosa Beach Chamber E-news, February 21, 2018  
*“Community Meeting,”* Daily Breeze, February 23, 2018  
<https://www.dailybreeze.com/2018/02/23/in-the-south-bay-retail-world-only-one-question-really-matters-is-it-millennial-ready/>  
[http://tbrnews.com/news/south-bay-galleria-s-millennial-appeal-could-be-retail-model/article\\_47416932-1901-11e8-be6f-db57e01f63fc.html](http://tbrnews.com/news/south-bay-galleria-s-millennial-appeal-could-be-retail-model/article_47416932-1901-11e8-be6f-db57e01f63fc.html)  
*“Designing Shopping for Millennials,”* Daily Breeze, February 24, 2018  
*“Mark’s Message,”* Manhattan Beach Chamber E-News, February 27, 2018

**Volunteer Program**

*Status of Program:* 150.00 hours for February 2018; 2018 thus far = 183.75 hours  
*Grand total as of 2/28/18:* 17,859.18 (starting April 2008)