

# South Bay Cities Council of Governments

February 12, 2018

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – January 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)

**2017 Energy Saving Goal:** 1,245,812 kWh **2017 Status:** 924,211 **Goal:** 74.19% achieved

**2017 Demand Reduction Goal:** 78 kW **Goal:** 132 kW **EXCEEDED**

The SBCCOG staff along with our energy engineer has been working with the cities of Carson, Inglewood, and Rolling Hills Estates during January to complete SCE required documentation for completion of streetlighting projects. All three cities met the December deadlines for installation. During January cities continued working with the SBCCOG staff and energy engineer putting together community park lighting projects. 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.

Chris Moore, CPUC Local Government Liaison, was the featured speaker at the January Energy Management Working Group. He shared information on the CPUC process and how cities can provide information and input to the commissioners.

The SCE/SCG Strategic Plan project will start February 1 and 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.

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

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
		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	38,269	\$6,506
		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	113,396	\$19,277
		Interior LED Lighting	Q1 2018	17,441	\$10,482
		VFD & Pump Motor	Q4 2018	172,003	\$29,240
		Interior LED Lighting	Q3 2018	16,741	\$4,604
<b>Total</b>				<b>5,541,843</b>	<b>\$1,578,795</b>

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

**2017 Goal:** 10,000 therms **2017 Status:** 12,468 therms – Goal Exceeded

**2017 Incentives Received:** \$22,753

A meeting was held with SoCalGas staff to plan for 2018 and projects are being identified. The following is a list of the gas specific projects for the incentives that were received in 2017.

<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
City of Carson	Boiler	2,718	\$6,750	2017	21411 Orrick
Inglewood USD	Pool heater	1,500	\$1,538	2017	10500 Yukon Av
Inglewood USD	Pool heater	1,980	\$2,030	2017	231 Grevillea
Redondo Beach USD	pool cover	6,270	\$12,435	2017	631 Vincent Park
<b>Total Therms Identified 2017</b>		<b>12,468</b>	<b>\$22,753</b>		

**Renewable South Bay**

Renewable South Bay activities (*solar outreach to the community as well as working with cities to obtain solar permit information*):

Due to changes with Renovate America, the SBCCOG currently does not have a contract to continue the Renewable South Bay Program.

**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 Q3 = \$1,247.81. Proceeds for 2017 Q4 are expected in February 2018. Total since program start in 2014 = \$26,401.39. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through December 2017 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	1,840	1,230	\$85,985,877	699	\$18,002,100	153	1,173	66	179	414	4,273,196	1,050
El Segundo	5/23/14	4,209	51	42	\$7,182,297	24	\$629,058	5	30	4	8	18	168,929	41
Gardena	5/23/14	12,360	645	436	\$29,908,595	236	\$5,894,240	50	382	24	36	71	1,129,012	274
Hawthorne	5/23/14	11,621	498	363	\$28,578,334	201	\$4,591,299	39	314	9	38	73	1,010,344	247
Hermosa Beach	5/23/14	6,473	54	40	\$8,413,706	19	\$395,206	3	20	0	10	23	96,974	26
Inglewood	5/23/14	19,038	1,262	844	\$58,775,218	465	\$11,937,394	101	749	46	48	111	2,167,985	526
Lawndale	5/23/14	5,262	137	91	\$7,006,745	44	\$1,034,182	9	73	5	10	21	219,475	55
Lomita	5/23/14	4,606	99	83	\$7,895,420	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	11	68	7	24	85	426,488	110
Palos Verdes Estates	5/28/15	5,115	36	32	\$7,062,522	10	\$527,780	4	16	3	4	11	78,276	20
Rancho Palos Verdes	5/23/14	14,759	208	184	\$29,859,927	84	\$2,299,533	20	131	5	16	59	649,589	156
Redondo Beach	3/24/15	20,292	181	149	\$19,793,677	77	\$1,540,328	13	112	3	18	37	426,128	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	40	35	\$6,701,004	20	\$673,760	6	26	2	8	35	193,244	49
Torrance	5/23/14	37,899	705	580	\$62,548,927	320	\$7,283,002	62	449	32	100	239	1,887,912	469
<b>Total</b>		<b>179,200</b>	<b>5,851</b>	<b>4,195</b>	<b>\$ 379,448,139</b>	<b>2,282</b>	<b>\$ 57,225,430</b>	<b>486</b>	<b>3,613</b>	<b>212</b>	<b>511</b>	<b>1,234</b>	<b>13,041,222</b>	<b>3,203</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

Just as the agreement with HERO, the SBCCOG receives a small amount of 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 December 2017:

Project Type		Residential						Commercial						Project Type						
District	Launch Date	# Apps	Eligible Amount	# Approvals	Approved Amount	# Funded Project	Funded Amount	# Apps	Eligible Amount	# Approvals	Approved Amount	# Funded Project	Funded Amount	Jobs Created	Energy	Water	Renewable	Solar MW Installed	Lifetime kWh Saved	Lifetime CO2 Reduced (Mtons)
Carson	10/8/2015	9	\$747,160	6	\$1,494,371	10	\$396,461	0	0	0	0	0	0	6	9	1	2	0.025	2,690,286	476
Inglewood	8/8/2017	11	\$1,240,884	8	\$1,919,377	5	\$189,547	2	\$25,730	1	\$25,730	0	\$0	3	6	2	0	0	1,286,216	227
Gardena	1/12/2016	11	\$822,203	8	\$1,210,695	6	\$202,929	0	0	0	0	0	0	3	6	5	0	0	1,377,024	244
Hawthorne	10/13/2015	7	\$288,236	7	\$388,789	3	\$133,135	0	0	0	0	0	0	2	4	1	0	0	903,421	160
Lomita	8/28/2015	1	\$10,196	1	\$101,196	0	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
El Segundo	12/15/2015	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	1	\$226,977	1	\$226,977	0	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
Torrance	10/13/2015	1	\$1	1	\$465,496	3	\$121,951	0	0	0	0	0	0	2	4	0	0	0	827,528	146
Redondo Beach	1/13/2016	0	\$0	0	\$0	1	\$69,512	0	0	0	0	0	0	1	1	0	0	0	464,908	82
<b>Totals</b>		<b>41</b>	<b>\$3,335,657.00</b>	<b>32</b>	<b>\$5,806,901.00</b>	<b>28</b>	<b>\$1,112,534.12</b>	<b>2</b>	<b>\$25,730.00</b>	<b>1</b>	<b>\$25,730</b>	<b>0</b>	<b>\$0</b>	<b>17</b>	<b>30</b>	<b>9</b>	<b>2</b>	<b>0.03</b>	<b>7,549,383</b>	<b>1,335</b>

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

This program focuses on activities for businesses that reduce energy use, water consumption, and waste while maximizing the use of incentives and rebates. The current program, funded by West Basin Municipal Water District and Golden State Water, is under revision. In addition, SBCCOG continues to seek additional funding through grants and utilities. The newsletter continues to be sent out on a monthly basis. Standings 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). Currently, there are 181 businesses participating in the program as of end of January 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 end of January 2018

### Task 2. Support for Workshops & Events

#### Educational Classes

Contract goals: 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:* 1 completed; 5 scheduled: 2/10/18 - Carson, 3/17/18 - Lawndale, 4/7/18 - Manhattan Beach, 5/19/18 - Inglewood)

Greywater Workshops

*Contract goal:* 15 workshops: 5 symposiums and 10 technical workshops (3 in each Director's division)

*Status of goal:* 10 workshops scheduled: 2/15/18 and 2/27/18 in Redondo Beach; 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; West Basin speakers' bureau is expected to be up and running in February 2018.

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; 4 surveys conducted in January.

Outreach was conducted in the following cities: Carson, El Segundo, Gardena, Hawthorne, Hermosa Beach, Inglewood, Lawndale, Manhattan Beach, Redondo Beach and Rolling Hills Estates.

SBCCOG Executive Director – sent an e-blast regarding CFK program to all South Bay Cities.

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.

Task 6. Translation Services

*Contract goal:* as needed

*Status of goal:* translation services were not provided in the month of January.

Torrance Water

Task 1: Support for educational classes and community events

*Contract goal:* as requested

*Status of goal:* 1 CFLT class completed; 2 scheduled: 2/10/18, and 4/7/18. 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 met with Torrance staff to discuss status of program; waiting on the arrival of water-saving devices and English/Spanish posters.

### MWD Caucus Meeting

The January meeting provided a California Water Supply update and a California WaterFix update by Demetri Polyzos, Senior Engineer, Water Resource Management Group, Metropolitan Water District. Currently, the area is three months below normal precipitation; however, Polyzos reported there is still a chance to catch up. There was good news regarding storage as the water year started with 1.3 million acre feet (MAF) stored and 2017 ended with an additional 1.2 MAF stored.

Water Replenishment District of Southern California (WRD) Contract year is August 24, 2017-March 31, 2018. SBCCOG staff disseminated WRD's education and information materials in support of WRD's mission, including the 2040 Master Plan and the WRD/Goldsworthy Desalter project through the SBCCOG various communication channels and community events. During January, SBCCOG placed a WRD article focusing on an update of the WRD/City of Torrance Desalter in the SBESC e-newsletter, promoted with e-blast and hard copy invitations to the February 6, 2018 Ribbon Cutting for the WRD/City of Torrance Desalter Expansion, and replenished Water Independence Now (WIN) program brochures at the SBCCOG's information kiosk. SBCCOG staff continues to research locations in the South Bay for WRD's Eco Gardener workshops. SBCCOG staff is coordinating with WRD for a date to discuss contract renewal at an annual amount of \$50,000.

### 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

### 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:* 1 completed; 1 scheduled
- 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:* 197 outreach events **Goal met**; 8 information/formation meetings

In January, collateral materials were distributed at 4 SBCCOG outreach events. SBCCOG staff touched base with Metro Staff to discuss organizational changes and resources to support SBCCOG marketing/outreach planning for 2018. Staff reached out to Enterprise to explore joint supportive outreach efforts in the South Bay. Batch geo analytics and maps were updated for analytics for the City of Torrance.

#### 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:* 244 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)

Statistics are from May 2016 – January 2017: 775 Registered Users; 13 Sub-Networks; 726 Trips Logged; 3,144 People have “Used” Travel Pal – at least once; 4,583 Total “Sessions” – actively engaging in the Travel Pal; 88%

of all sessions are estimated as being “New Visitors”. SBCCOG staff and consultant began the process of conducting project exit surveys and work continued on the "Draft" Final Report for submission to Metro.

## II. MARKETING, OUTREACH, & IMPLEMENTATION

### Workshops, Trainings, & Exchanges

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

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
1/18/18	California Friendly Garden (Hands-On) Workshop – Gardena	23/42	Flyer: 3, Online Calendar: 3, Other Social Media: 3, SBESC Email: 28, Walk-In: 8, West Basin Website: 3, Word of Mouth: 2	JZL
1/27/18	Turf Removal Class – Torrance	42/97	Email: 78, Flyer: 2, Friend or Family: 1, Local Publication: 2, Other: 2, Social Media: 3, Website: 9	ML

### Outreach Events

- 3 community events in January
- 1 business event in January

Calendar year-to-date through January 2018:

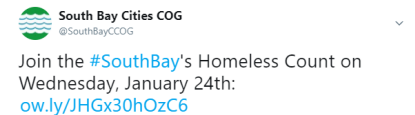
- 3 community events
- 1 business events

### Media

#### Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
  - Twitter: 112 followers total, 2,000 impressions\* month of January
  - Facebook: 56 likes total, 836 impressions month of January
- SBESC -- Totals for Social Media (*top tweet – right*)
  - Twitter: 515 followers total, 2,700 impressions\* month of January
  - Facebook: 698 likes total, 1,848 impressions month of January
  - LinkedIn: 115 followers total, 285 impressions month of January

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



### Press Releases/Press Interviews/Articles/Cable TV

“SBCCOG 19<sup>th</sup> Annual General Assembly The Evolution of Retail & Its Challenges for Cities,” January, 2018 submitted to city and chamber publications

### Earned Print Media/Online Media/Cable TV

- “19<sup>th</sup> Annual SBCCOG General Assembly: The Retail Revolution & Its Challenges for Cities,” City of Hermosa Beach E-newsletter, January 14, 2018
- “Making your Home Healthier and More Comfortable the Energy and Water Efficiency Way,” Mark Lipps E-Blast to Manhattan Beach Residents and Businesses, January 19, 2018
- “Cash for Kitchens,” San Pedro Chamber E-blast, January 19, 2018
- “Turf removal” Daily Breeze, January 25, 2018
- “South Bay Cities Council of Governments 19<sup>th</sup> Annual General Assembly,” Daily Breeze, January 28, 2018
- “February 23 The Evolution of Retail & Its Challenges for Cities.” Hermosa Beach Chamber E-news, January 31, 2018

**Volunteer Program**

*Status of Program:* 33.75 hours for January 2018; 2018 thus far = 33.75 hours

*Grand total* as of 13/31/18: 17,709.18 (starting April 2008)