

South Bay Cities Council of Governments

May 14, 2018

TO: SBCCOG Steering Committee

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

SUBJECT: Environmental Activities Report – April 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:** 892,880 **Goal:** 71.7% achieved

2018 Demand Reduction Goal: 78 kW **2018 Status:** 83 kW **Goal:** Met by 106.7%

Energy Leader Partnership - The SBCCOG staff along with our energy engineer received last minute information that a SCE LED exterior light measure would be expiring April 30. SBCCOG staff put together a quick message that was sent out to our cities informing them that the SBCCOG energy engineer was available to assist them with auditing their parks and putting their applications together. Some cities followed up. At an April City Council meeting, the City of Rolling Hills was presented with their Gold Energy Leader certificate. This led to the city council giving staff direction to look for more energy savings. 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	Q2/18	28,578	\$6,144
		Pool Pump VFD	Q3/18	51,758	\$11,646
		Exterior & Interior Lighting	Q3/18	729,931	\$156,667
		LED Streetlights	Q2/18	588,596	\$234,752
		LED Sports Lighters	Q4/18	733,452	\$124,687
Gardena	Gold	Exterior & Interior Lighting	Q4/18	78,125	\$13,281
		Exterior & Interior Lighting	Q4/18	284,534	\$24,626
Hermosa Beach	Platinum	Exterior LED Lighting	Q4/18	29,574	\$5,915
		Chiller VFD/HVAC Controls	Q1/19	291,870	\$115,022
		Elevator Motor-Generator Set	Q2/18	121,900	\$29,007

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated Completion Date	Estimated kWh savings	Estimated Incentive (\$)
Manhattan Beach	Platinum	LED Sports Lighters	Q4/18	305,597	\$61,119
		Exterior LED Lighting	Q2/18	55,305	\$13,890
Palos Verdes Estates	Platinum	LED Lighting	Q4/18	33,739	\$7,240
		LED LS-1 to LS-2 Conversion	Q2/18	557,976	\$240,992
Redondo Beach	Gold	LED Lighting	Q2/18	42,311	\$7,193
Torrance	Gold	Interior LED Lighting	Q3/18	837,954	\$164,370
		VFD & Pump Motor	Q4/18	172,003	\$29,240
		Interior LED Lighting	Q3/18	16,741	\$4,604
Total				4,959,944	\$1,250,395

Energy Management Information – Throughout April, SBCCOG staff kept the Energy Management Working Group (EMWG) informed of expiring incentives as well as Beacon and Cool Planet award opportunities. SBCCOG staff is available to assist with energy efficiency or sustainability award applications. The EMWG will be meeting in May to discuss the SoCalGas free measures through their direct install program.

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 discussed with the Energy Management Working Group members that the SCE/SCG Strategic Plan benchmarking activities will help to identify opportunities to reduce gas usage at municipal facilities.

Agency	Project	Therm Savings	Incentive
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 March 2018. Proceeds from HERO for 2017 Q4 = \$1,195.73. Proceeds for 2018 Q1 are expected in late-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 March 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	1,874	1,252	\$87,539,195	713	\$ 18,422,213	166	1,199	69	179	414	4,363,518	1,070
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	664	448	\$30,896,203	245	\$ 6,152,198	55	404	26	38	73	1,178,052	286
Hawthorne	5/23/14	11,621	519	378	\$29,814,877	211	\$ 4,825,108	43	329	11	38	73	1,068,662	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	1,293	863	\$60,391,983	473	\$ 12,165,262	110	766	50	48	111	2,211,682	536
Lawndale	5/23/14	5,262	148	98	\$7,568,672	47	\$ 1,093,856	10	77	5	12	30	257,379	65
Lomita	5/23/14	4,606	107	90	\$8,605,296	44	\$ 1,051,802	9	69	6	14	39	318,342	78
Manhattan Beach	5/28/15	12,403	90	81	\$18,235,351	40	\$ 1,327,414	12	68	7	26	93	438,949	114
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	211	187	\$30,298,043	85	\$ 2,333,025	21	134	5	18	62	655,232	158
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	43	38	\$7,323,042	21	\$ 706,233	6	29	2	8	35	194,996	49
Torrance	5/23/14	37,899	712	583	\$62,876,096	324	\$ 7,396,996	67	457	32	102	245	1,953,419	484
Total		179,200	5,994	4,292	\$388,432,976	2,337	\$ 58,710,452	529	3,713	225	523	1,266	13,413,924	3,292

* 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 total payments to the SBCCOG for 2018 are \$719.85 with a total of \$7,207.71 since 2016 when program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through March 2018 are listed below:

District	Launch Date				# Approved		# Funded		# Homes		
		Improved	# of Apps	Eligible Amount	Projects	Approved Amount	Projects	Funded Amount	Improved	# Apps	Eligible Amount
Carson	10/6/2015	3	15	\$1,091,175.31	9	\$616,906.70	3	\$74,122.32	3	15	\$1,091,175.31
Gardena	1/12/2016	4	9	\$578,569.03	1	\$85,592.90	4	\$172,933.19	4	9	\$578,569.03
Hawthorne	10/13/2015	0	4	\$411,087.35	3	\$338,558.23	0	\$0.00	0	3	\$222,087.35
Inglewood	8/8/2017	4	30	\$2,130,765.00	12	\$949,478.66	4	\$109,039.73	4	28	\$1,847,972.40
Lomita	8/26/2015	0	1	\$118,930.00	1	\$118,930.00	0	\$0.00	0	1	\$118,930.00
Redondo Beach	1/19/2016	1	2	\$314,267.06	1	\$178,797.06	1	\$19,834.59	1	2	\$314,267.06
Rolling Hills Ests.	10/13/2015	1	1	\$226,976.96	0	\$0.00	1	\$73,388.82	1	1	\$226,976.96
Torrance	10/13/2015	0	1	\$174,250.00	1	\$174,250.00	0	\$0.00	0	1	\$174,250.00

District	Commercial						
	# Homes Improved	# Apps	Eligible Amount	# Approved Projects	Approved Amount	Funded projects	Funded Amount
Carson							
Gardena							
Hawthorne	0	1	\$189,000.00	1	\$189,000.00	0	\$0.00
Inglewood	0	2	\$282,792.60	1	\$207,793.00	0	\$0.00

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

SBCCOG staff is in process of finalizing the final report from the 18 months of activity. 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

Exhibit Events

Contract goals: 100 exhibit events, presentations, etc.

Status of goal: 63 exhibit events, presentations, etc.

Task 1 has been revised by West Basin to now include Water Bottle Filling Station Program and to schedule presentations by West Basin staff at SBCCOG committee meetings, 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: 4 completed; 1 scheduled: 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: 6 workshops completed: 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); 4 workshops scheduled: 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 has been moved to Task 1 (schedule presentations by West Basin staff at SBCCOG committee meetings, if and when possible)

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

Contract goal: target up to 75 commercial kitchens

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

SBCCOG staff met West Basin staff in April to discuss the changes to the CFK program. The focus of the program has shifted from focusing on air cooled ice machines to other water-saving devices, including dishwashers and steamers.

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. SBCCOG staff, West Basin staff, and SoCalGas staff met on April 5th to discuss the direction of the DAC Water-Energy Initiative Program and possible collaboration with SoCalGas.

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 April. Document translated: "C4K Questionnaire "

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: 3 CFLT classes completed; 2 scheduled: 6/30/18 (CFLT), and 9/8/18 (TR). Torrance will be hosting the City Yard Open House on 6/2/18. Torrance has also scheduled 2 classes with WRD that we are promoting: 7/14/18 WRD Edible Gardening class and 8/11/18 WRD Sustainable Landscaping Design Class

Task 2: Cash for Kitchens

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

Status of goal: 1 water survey completed in April

SBCCOG staff is working with Torrance to conduct outreach.

MWD Caucus Meeting

The April meeting featured Deven Upadhyay, Assistant General Manager/Chief Operating Officer, Metropolitan Water District, who provided an update on the California WaterFix and MWD's proposal for full funding on a 9,000 cts project (which will be considered by the MWD Board of Directors at their April meeting).

Water Replenishment District of Southern California (WRD) Contract year is March 21, 2018-June 30, 2019. SBCCOG staff promoted WRD programs through the SBCCOG's information kiosk, e-newsletter, and community events including promotion of the 11th Annual Groundwater Festival to be held May 12, 2018 at their headquarters in Lakewood. WRD staff provided give-away items for SBESC Earth Month event.

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 completed: 3/20/18 and 4/19/18; in process of scheduling 4 presentations with Redondo Union High School

SBCCOG staff worked with LACSD staff in promoting the April 26, 2018 workshop related to the Clearwater Project. The workshop was held at Carriage Crest Park 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, and 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: 226 outreach events **Goal met:** 11 information/formation meetings

In April, collateral materials were distributed at 12 SBCCOG outreach events. 3 Meetings, in support of Vanpool formation took place during this time-period. SBCCOG Staff followed up on formation outreach support with Enterprise contacts which resulted in 2 formation support meetings - one with Physical Optics and one with the City of Torrance. Additionally, SBCCOG provided formation support with a new Raytheon vanpool. SBCCOG staff met with Metro to discuss opportunities and innovations that could be incorporated into the next MOU extension for the program this Fall.

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: 278 community events and 14 presentations completed. In addition, 24 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 including the Earth Day events that were celebrated in April.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

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

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
4/7/2018	Rain Barrel Distribution – Manhattan Beach (400 rain barrels distributed)	236/373	Comm. Org./Event: 8, Door Hanger: 127, Flyer: 46, Newspaper: 14, Online Calendar: 3, Other Social Media: 30, Postcard: 33, SBESC Email: 33, West Basin Social Media: 15, West Basin Website: 25, Word of Mouth: 39	JZL, ML
4/7/2018	Turf Removal - Torrance	43/77	Email: 40, Flyer: 13, Friend or Family: 4, Social Media: 2, Website: 16, Other: 2	CW
4/18/2018	Moving Toward Zero Waste Workshop – Manhattan Beach	13/16	Email: 14, Friend or Family: 1, Website: 1	GF

Outreach Events

- 7 community events in April
- 1 employee event in April
- 3 presentations in April
- 1 residential workshop in April

Calendar year-to-date through April 2018:

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

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
 - Twitter: 128 followers total, 1,400 impressions* month of April
 - Facebook: 68 likes total, 22 impressions month of April
- SBESC -- Totals for Social Media (*top tweet – right*)
 - Twitter: 524 followers total, 3,100 impressions* month of April
 - Facebook: 695 likes total, 1,335 impressions month of April
 - LinkedIn: 119 followers total, 356 impressions month of April

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

Press Releases/Press Interviews/Articles/Network TV

"South Bay Green Assist Program," April 17, 2018 sent to cities, chambers, and media

Earned Print Media/Online Media/Cable TV

"WRD's 11th Annual Groundwater Festival," Daily Breeze, April 27, 2018

"Green Line extension gets funding," Daily Breeze, April 29, 2018

Top Tweet earned 232 impressions

Mayor and City Council of #HermosaBeach were presented with the SBCCOG / @SCE Platinum Energy Leader Award at a recent city council meeting.
pic.twitter.com/CLNHMQJxlv



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Top Tweet earned 432 impressions

#Enewsletter is out w/stories via @SanDistricts @socialgas @SCE @WestBasin & more: ow.ly/qbuB30jwqwk
pic.twitter.com/nvVDtRUawC



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Volunteer Program

Status of Program: 125.5 hours for April 2018; 2018 thus far = 407.25 hours

Grand total as of 4/30/18: 18,082.68 (starting April 2008)