

South Bay Cities Council of Governments

March 23, 2017

TO: SBCCOG Board of Directors

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

SUBJECT: Environmental Activities Report – February 2017

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

The following reports on the five greenhouse reduction measures that are under development as part of the SGC grant – Land use, transportation, waste, greening, and energy generation/storage. Once these sections are completed, cities will receive a final Climate Action Plan (CAP) for their council approval. In addition, this work includes developing a subregional CAP.

- Land use and transportation (LUT) (under the direction of Wally Siembab): The CAP team has reviewed, developed, and finalized city meeting materials with Studio 111. The team met with the City of Hawthorne regarding the LUT strategies. Communication and research has continued with Carson and Hermosa Beach. The Phase 2 contract with Fehr and Peers was finalized. The team continued development of the draft CAP chapters.
- Energy Generation and Storage: SBCCOG staff continues to work with cities to finalize their staff approval of the Energy Generation and Storage strategies. The following cities have staff sign-off: Carson, El Segundo, Gardena, Hawthorne, Hermosa Beach, Lomita, Manhattan Beach, Palos Verdes Estates, Rancho Palos Verdes, Redondo Beach, Rolling Hills, Rolling Hills Estates, and Torrance.
- Waste and Greening: SBCCOG staff continues to work with cities to finalize their staff approval of the Waste and Greening strategies. The following cities have staff sign-off to date: Carson, El Segundo, Gardena, Hawthorne, Hermosa Beach, Lawndale, Lomita, Manhattan Beach, Palos Verdes Estates, Rancho Palos Verdes, Redondo Beach, Rolling Hills, Rolling Hills Estates, and Torrance.

Energy Efficiency

Energy Leader Partnership (ELP) – Southern California Edison (SCE)

2017 Goal: 1,245,813 kWh

PIPELINE TOTALS	Estimated kWh savings	Estimated Therm Savings	Estimated Incentive (\$)
	5,009,947	18,075	\$1,279,089

SBCCOG staff is working with our energy engineer to revise the city “At a Glance” sheets to provide more information about projects that are in progress or delayed. In addition, the SBCCOG staff along with the

engineer will be meeting with a few cities in the next month to help expedite projects. Elected officials can help the SBCCOG to meet Edison goals by discussing projects with their staff and letting the SBCCOG staff know of upcoming projects.

The following is a list of “pipeline” projects specific to electricity, but include co-benefits of gas savings. Each city’s Energy Leader Partnership (ELP) program status is also included:

City	Current ELP Tier Level	Energy Efficiency Measures (EEMs)	Estimated kWh savings	Estimated Therm Savings	Estimated Incentive (\$)
Carson	Gold	Exterior Lighting	96,907	n/a	\$17,907
		Lighting/Pool Boiler/Water Heater/VFD	28,578	7,040	\$13,185
		Pool Pump VFD	51,758	n/a	\$11,646
		Exterior & Interior Lighting	688,002	n/a	\$108,758
		LED Lighting	669,602	n/a	\$156,320
Gardena	Gold	Exterior & Interior Lighting	78,125	n/a	\$13,281
		Exterior & Interior Lighting	284,534	n/a	\$24,626
		LED Lighting	52,429	n/a	\$8,913
Hawthorne	Platinum	Police Department LED Lighting	50,320	n/a	\$11,284
Hermosa Beach	Gold	Exterior & Interior Lighting	316,925	n/a	\$44,798
		Pier Exterior Lighting	22,677	n/a	\$3,175
Inglewood	Gold	LED Lighting	852,689	n/a	\$450,079
		Elevator Motor-Generator Set	121,900	n/a	\$26,208
		Chiller VFD/HVAC Controls	291,870	11,035	\$115,022
Manhattan Beach	Platinum	Exterior LED Lighting	62,825	n/a	\$16,335
Rancho Palos Verdes	Gold	LED Lighting	38,269	n/a	\$6,506
Redondo Beach	Gold	LED Lighting	123,820	n/a	\$21,049
Torrance	Gold	Toyota Meeting Hall	16,741	n/a	\$2,679
		LED Lighting	837,954	n/a	\$164,370
		Exterior & Interior LED Lighting	125,300	n/a	\$21,301
		Interior LED Lighting	26,718	n/a	\$10,482
		VFD Pump Motor	172,003	n/a	\$29,240

Energy Efficiency Partnership – Southern California Gas Company (SCG)

2017 Goal: 10,000 therms

The following is a list of gas specific “pipeline” projects along with their status:

Agency	Energy Efficiency Project	Therm Savings	Incentive	Year	Status
Palos Verdes USD	Pool Cover	TBD	TBD	TBD	Planning
City of Inglewood	Replace 4x boilers	TBD	TBD	TBD	Planning
City of Carson	Replace 3x boilers	TBD	TBD	TBD	Planning
Torrance USD	New Pool, Pool heater maybe pool cover	In planning	TBD	TBD	Planning
City of Hawthorne	Chiller Controls upgrade at memorial center	In planning	TBD	TBD	Planning
Inglewood USD	Pool Heater	3,480	\$4,176	2016	Active
Inglewood USD	Boiler Replacement	TBD	TBD	TBD	Planning
Wisburn USD	New high school with two new meters	TBD	TBD	2016	Planning
Wisburn USD	Cogen	TBD	TBD	TBD	Planning
Manhattan Beach USD	Pool Cover	4,500	\$4,500	2016	Active
City of Carson	Boiler Replacement	2,025	TBD	2016	Planning
Marymount California University	Solar Thermal Heating	TBD	TBD	2016	Planning
City of Carson	Tankless Water Heater Replacement	965	\$456	TBD	Planning
Total Therms Identified		10,969			

HERO

The SBCCOG has two parts to its partnership with HERO: 1) Renewable South Bay – focuses on solar outreach to the community as well as working with cities to obtain solar permit information; and 2) Energy Efficiency Financing program in which the SBCCOG promotes PACE as a way to finance energy efficiency and renewable projects and provides funding to the SBCCOG as homeowners use HERO’s PACE program for these projects. PACE/HERO information has been incorporated into the PowerPoint presentation template for presentations and workshops. The spreadsheet below covers the activity from each South Bay members’ jurisdiction since the launch date through Jan. 31, 2017. Proceeds from HERO to date are: \$2,290.79 for Q2 – Oct-Dec 2016. Total since it started - \$21,643.92. Proceeds are received quarterly.



California HERO Activity Report
South Bay Cities Council of Governments
 Launch Date through January 31, 2017

Program Activity through January 31, 2017

Member	Launch Date	Eligible Housing Units *	Total Applications Received	Applications Approved	Approved Amount	Funded Projects	Funded Amount	Jobs Created***	Type of Products			Solar kW Installed	Annual kWh Saved	Annual CO2 Reduced (Tons)
									Energy	Water	Renewable			
Carson	5/23/14	21,374	1,477	983	\$66,089,126	539	\$13,883,715	118	912	57	138	309	3,328,229	816
El Segundo	5/23/14	4,209	45	37	\$6,218,587	22	\$590,518	5	26	5	8	18	141,518	35
Gardena	5/23/14	12,360	525	356	\$23,450,714	186	\$4,486,254	38	292	19	28	55	891,307	216
Hawthorne	5/23/14	11,621	408	296	\$22,643,633	158	\$3,649,049	31	237	7	28	52	722,256	178
Hermosa Beach	5/23/14	6,473	45	35	\$7,394,708	14	\$307,888	3	15	2	6	15	71,882	19
Inglewood	5/23/14	19,038	1,057	721	\$48,141,419	390	\$10,191,883	87	646	42	42	95	1,823,355	444
Lawndale	5/23/14	5,262	107	72	\$5,131,884	35	\$702,483	6	53	0	6	14	164,065	41
Lomita	5/23/14	4,606	84	71	\$6,681,397	37	\$852,080	7	56	6	10	32	292,667	71
Manhattan Beach	5/25/15	12,403	72	64	\$14,590,521	30	\$936,227	8	39	1	18	67	330,549	84
Palos Verdes Estates	5/28/15	5,115	30	27	\$6,004,406	10	\$527,780	4	15	4	4	11	78,276	20
Rancho Palos Verdes	5/23/14	14,759	177	155	\$24,950,086	71	\$1,849,679	16	102	7	16	59	532,685	130
Redondo Beach	3/24/15	20,292	155	127	\$16,834,558	69	\$1,409,116	12	102	3	16	33	402,179	98
Rolling Hills	5/23/14	698	5	5	\$1,381,678	2	\$119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,090	33	30	\$5,484,516	18	\$580,512	5	24	2	6	20	152,922	38
Torrance	5/23/14	37,899	600	500	\$53,199,580	283	\$6,450,818	55	384	29	90	219	1,652,381	412
Total		179,199	4,820	3,479	\$ 308,196,812	1,864	\$ 46,537,639	395	2,905	184	416	1,001	10,585,265	2,602

* 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.

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

YGRENE – PACE

Just as we have an agreement with HERO for the SBCCOG to receive a small percentage of their activities in the South Bay in return for promoting PACE, we have a similar arrangement with Ygrene. Only recently did we make contact with them to confirm that they have been doing projects in our region. We don't yet have the breakdown of their projects by city but they have approved projects totalling \$6,290,789.75 for 2016 and we have billed them for \$3,145.39 per our agreement (0.05%).

Green Building Challenge

Facilitating activities that reduce energy use, water consumption, and waste while maximizing the use of incentives and rebates is the focus of the Green Building Challenge. Staff continues to schedule free Level 1 audits for participants and is seeking to re-engage our elected officials by scheduling outreach walks with them throughout the South Bay cities. The newsletter will continue to be sent monthly.

Standings by city: Torrance (34), Lawndale (26), Redondo Beach (16), Gardena (15), El Segundo (15), Carson (11), Hawthorne (14), Inglewood (8), Manhattan Beach (8), Rancho Palos Verdes (6), Palos Verdes Estates (7), Hermosa Beach (5), Rolling Hills Estates (4), Lomita (3), Lennox (2), and Los Angeles County – Community of Westmont (1).

Water Conservation

West Basin Municipal Water District Programs (West Basin) *Contract year is Sept. 1, 2016 through Aug. 31, 2017*

Water Reliability (WR)

Goals are being revised as West Basin is reworking the Water Reliability Program.

- Contract goals: Up to 25 Water Reliability related presentations to various organizations, groups, and SBCCOG meetings to be scheduled.
 - Status of goals: 2 have been scheduled as of February 28, 2017.
- Contract goals: Up to 20 table-top briefings, targeting business executives and other influential business leaders.
 - Status of goals: 0 have been scheduled as of February 28, 2017.
- Contract goals: Up to 25 support letters and/or support cards; as well as 300 support cards at outreach events
 - Status of goals: 3 letters of support received and 20 support cards collected as of February 28, 2017

Smart Controller Exchange Events

Contract goals: Up to 3

- Status of goals: 5 completed; **Goal exceeded**

Rain Barrel

Contract goals: 5

- Status of goals: 6 completed; **Goal exceeded**

Cash for Kitchens

Contract goals: 45 kitchen audits

- Status of goals: 8

Contract goals: 10 follow up visits

- Status of goals: 2

Contract goals: 3 training sessions

- Status of goals: 0

The task for Cash for Kitchens was recently revised by West Basin to focus on agency kitchens such as schools and particularly identify locations where ice makers can be replaced for more efficient units. SBCCOG staff is working on creating this list while still conducting appointments.

Car Wash Program

Contract goal: Re-enroll current 9 car wash companies that are participating in the program.

- Status of goal: 5

California Friendly Landscape Training (CFLT) and Turf Removal Classes (TR)

Contract goals: minimum of 6; maximum of 12 to be scheduled

- Status of goals: 5 completed; 2 scheduled in March (3/7/17-CFLT and 3/29/17-TR); 3 additional have been requested in April and May (4/5/17-CFLT, 5/11/17-TR, and 5/17/17-TR)

Greywater Workshops

Contract goals: 5 workshops to be scheduled between April and June 2017

- Status of goals: 0

Water Harvest

Contract goals: Assist West Basin with its Annual Water Harvest Event – October 22, 2016

- Status of goals: **Goal Met**

Torrance

SBCCOG staff is working with Torrance staff to offer a Greywater class in the Spring. Currently, this class is tentatively scheduled for May 20, 2017.

MWD Caucus Meeting

The February meeting included a presentation about the California Water Fix project, which is a project at the Bay Delta that includes new intakes, two main tunnels, and pumping stations. The project is estimated to cost \$15 billion and take about 16 years to complete. The next steps in the project are to present the Construction Risk Management and Program Cost Estimates at the Special Committee Bay Delta meeting.

Sanitation Districts

Contract goals: Schedule 5 Sanitation Districts-related presentations to be completed by December 31, 2017

- Status of goals: 2 presentations have been scheduled; researching groups for future presentations

New area of focus for the 2017 Scope of Work will be assistance with outreach related to construction of a new JWPCP effluent tunnel. We are waiting for further instruction from LACSD.

Los Angeles Department of Water and Power (LADWP) Contract year is April 1, 2016-March 31, 2017

Contract goals: 6-10 targeted special events exhibit events

- Status of goals: 7 completed

Contract goals: 1 training session to be provided on residential LADWP programs and services

- Status of goals: 1 completed on February 21, 2017. **Goal Met**

Contract goals: 1 training for SBCCOG Volunteers on LADWP programs

- Status of goals: **Goal Met**

Contract goals: 3-5 commercial kitchens to be identified for water assessments and conservation training

- Status of goals: 3 identified; 1 restaurant has been contacted

SBCCOG staff is working on scheduling an appointment to coordinate with LADWP and SoCalGas to set up more appointments. This work will be completed in March. Contract extension in progress.

Transportation

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

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

- Status of goals: 113 outreach events; 5 information/formation meetings

In February, collateral material was distributed at three SBCCOG outreach events including the SBCCOG's General Assembly. SBCCOG staff continued work on setting up a vanpool formation meeting with the City of Torrance employees. Outreach efforts also continue with El Camino Community College. SBCCOG staff met twice with Metro's Vanpool Coordinator to strategize and target specific South Bay organizations for new or renewed outreach efforts.

Metro Express Lanes (MEL) (Contract period Aug. 1, 2015 – Jul. 31, 2017)

Contract goal: 30 outreach events; 2 presentations (This goal is dependent upon the availability of the mobile van).

- Status of goal: **Goal met** 152 community events and 12 presentations of the MEL Promotional Marketing have been completed. In addition, 13 SBESC e-newsletter articles have been facilitated by SBCCOG staff.

SBCCOG continues to send multiple invitations and notices to Metro staff about future South Bay MEL events that would be of value. MEL was invited and participated in the SBCCOG General Assembly.

Electric Vehicle Charging Station Siting and Installation - CEC grant (Contract period Feb. 25, 2015 – Jan. 30, 2017) (under the direction of Wally Siembab and his team)

This program focuses on identifying and eliminating the barriers to electric vehicle charging stations (EVCS) at multi-residential dwellings (MUD). SBCCOG staff completed a draft Final Report. Revisions to the final report continued throughout the month of February. In preparation for posting the CEC Final Report and Owner's Toolkit, SBCCOG staff began to design and update the SBCCOG's Electric Vehicle web site page(s).

Travel Pal – Smart Mobility Tool (Contract period Aug. 1, 2015 – Aug. 31, 2017)

Travel Pal continues to be used by the Forum to direct patrons to off-site parking and shuttle services. In February, Travel Pal was an exhibitor at the SBCCOG's General Assembly. SBCCOG staff and consultant continued to work with representatives of the Beach Cities Health District's (BCHD) Moai walking groups to create a pilot-test of Travel Pal for "small groups"; the BCHD "small groups" test is expected to begin in March. The BCHD Blue Zone group continues to test travel pal to understand their organization's "Transportation Carbon Footprint." SBCCOG has tentatively scheduled a marketing campaign with PCT Commercial Property group in El Segundo to implement a "campus-wide" test of the platform for over 90 companies located within the properties' 3 buildings. Initial results from the SBCCOG internal test for the SBCCOG's commute trips was completed and results were presented at the monthly staff meeting; 327 trips were logged which represented a total of 3,717 "for work" miles during the month of January - most trips were single occupancy commute trips to work and only 386 lbs of CO2 were reduced by staff through alternative commute/work trip choices.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings & Exchanges

The following chart lists an overview of all workshops held in February 2017:

Event Date	Event Name	No. Attended/No. of RSVPs	Marketing Info. (how did they hear about the Workshop)	Staff Lead
2/10/17	SCE Seminar: Basic HVAC	16/25	N/A	ML
2/15/17	CFLT – El Segundo	21/54	Email: 42 Flyer: 3 Friend or Family: 4 Local Publication: 2 Social Media: 2 Website: 6 Other: 3	GF
2/24/17	General Assembly	??/442	Email: 209 Flyer: 32 Local Publication: 23 Postcard: 17 Social Media: 4 Website: 21 Other: 96	All Staff

Outreach Events

- 1 community event in February; 4 scheduled in March
- 1 business event scheduled in March
- 3 presentations in February; 0 presentations scheduled in March

Calendar year-to-date through February 2017:

- 2 community events
- 3 presentations/workshops

SCE Workshops – The SBCCOG, in collaboration with SCE, will host 2 seminars in Q1 of 2017:

- Completed: CALGreen Title 24 on January 27, 2017 and Basic HVAC on February 10, 2017
- Scheduled: TBD

Media

Social Media for SBCCOG and General Assembly

SBCCOG launched accounts on Twitter and Facebook in February to promote the General Assembly. The Twitter account accumulated 46 followers while the Facebook page garnered 19 likes. Both accounts combined to generate over 1,000 impressions, stimulating conversation about the General Assembly among followers and attendees.

- Earned Social Media
“South Bay Cities Council of Governments’,” Nextdoor, February 10, 2017
- Totals for Social Media
 Twitter: 478 followers, 2,507 impressions*
 Facebook: 654 likes, 636, impressions

LinkedIn: 105 followers, 169 impressions

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

Top Tweet earned 1,251 impressions

.@SupJaniceHahn & @mridleythomas
fund strategic effort to address
homelessness w/ @pathpartners in
#SouthBay ow.ly/L6fM308A8rH

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Press Releases/Press Interviews/Articles

“Driving The South Bay’s Digital Future”

Earned Print Media

“Saving Energy Is Everyone’s Responsibility,” Gardena 101, Volume 7, 2017

“Web app gives alerts of coyote activity,” Daily Breeze, February 28, 2017

Volunteer Program

Status of Program:

125.75 hours for February 2017

2017 thus far = 183 hours

Grand total as of 2/28/17 = 16,915.18 (starting April 2008)

Training for volunteers was held on February 16th where SBCCOG staff provided program revisions and updates for 10 volunteers. These volunteers will be helping with upcoming events going into the South Bay community providing information on all of our partner’s programs. In addition, the volunteers were very helpful at this year’s general assembly. Tasks they worked on included registration, photography, and exhibits.