

South Bay Cities Council of Governments

August 27, 2015

TO: SBCCOG Board of Directors

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

SUBJECT: Environmental Activities Report

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

Climate Action Plans/Energy Efficiency Climate Action Plans (CAP/EECAP)

The contractor, Atkins, has completed the second draft energy efficiency measure calculations for each of the cities based on city staff comments. Measures were recalculated to assess how much green house gas (GHG) reductions could be gained by implementing the measures. The revised measure calculations are now being discussed individually with each city. City meetings completed include: Gardena, Hawthorne, Hermosa Beach, Lawndale, Palos Verdes Estates, Redondo Beach and Rolling Hills. City staff are being asked to take the final Energy Efficiency measures to their Council for approval before the end of November. Funding for the Energy Efficiency chapters ends in December, 2015 along with the technical resources that we have to develop this chapter.

Also being discussed during the individual city meetings were the Greening, Waste, and Energy Generation/Storage CAP chapter measures. These are smaller chapters being developed under the Strategic Growth Council funding. City staff is providing information on the level of effort they would like to provide for each measure. These measures will then be calculated to assess how much GHG can be potentially reduced. Going forward, cities will be provided information and education on various programs to support the implementation of these measures under development. Through the EECAP/CAP, Energy Management Working Groups, and presentations to elected officials, programs and best practices will be shared. In addition if resources permit, field trips to demonstration sites with renewable technologies will also be planned.

The Land Use and Transportation chapters are also funded under the Strategic Growth Council. The consultant team under Wally Siembab has reviewed CAPCOA Land Use and Transportation strategies and methodologies including: Density, Mixed-Use Development, and

Accessibility; Pedestrian and Biking strategies; Parking and Transit Strategies. They have also reviewed methodologies other than CAPCOA to assess the best method to apply to the South Bay cities.

The SBCCOG continues to utilize volunteers to support the CAP efforts in researching and measure refinement. Through the volunteer program, over 173 hours have been provided to this effort contributing approximately \$4,000 in program savings (based on 2014 US Bureau of Labor Statistics estimated volunteer value of \$23.07/hour).

Energy Efficiency

Energy Leader Partnership (ELP)

2015 Status: Completed 387,455 kWh (24% of 2015 kWh goal)

2015 Goal: 1,590,000 kWh

2015 paid out incentives to cities: \$30,333

Remaining to achieve 2015 goal: 1,202,545 kWh

Below is a summary of anticipated ELP progress for cities that currently have projects in the pipeline along with the estimated completion dates:

City	Current Tier Level	kWh Savings in Project Pipeline	Anticipated Tier Level	Anticipated Timeframe
Carson	Gold	1,094,144	Platinum	Q1 2016
Gardena	Valued	219,909	Silver	Q4 2015
Hawthorne	Gold	208,872	Platinum	Q1 2016
Hermosa Beach	Silver	367,088	Platinum	Q4 2015
Inglewood	Gold	1,452,029	Platinum	Q3 2016
Rancho Palos Verdes	Gold	38,269	Gold	TBD
Redondo Beach	Silver	120,916	Gold	2016, quarter TBD
Torrance	Silver	570,779	Gold	Q4 2015

Totaling over 4 million kWh in the pipeline

Reminder - Effective now for new applications **submitted April 1st or after**, the enhanced tier level incentives for Value, Silver, Gold and Platinum levels are 50% higher! **The new Energy Leader Partnership incentive levels (per kWh saved) are; Valued = \$0.045, Silver = \$0.09, Gold = \$0.135, Platinum = \$0.18.**

EEMIS

Extensive analysis of reporting functionalities and mechanisms is underway to enhance the tool use for cities. Also anticipated in Fall 2015, EEMIS will have the following enhancements:

- updated dashboard visuals
- compatibility with multiple browsers (previously only viewable in Internet Explorer)
- smart phone accessibility

Southern California Gas Company (SCG)

2015 Status: 2,313 therms (23% of 2015 therm goal)

2015 Goal: 10,000 therms

2015 paid out incentives to agencies: \$4,940

Remaining to achieve 2015 goal: 7,687 therms

Pending projects:

- City of Carson – pool cover and boiler replacement (3,635 therms)
- Marymount California University – solar thermal heating (in planning)
- Torrance USD – boilers (in planning)

HERO

The spreadsheet below covers the activity from each jurisdictions' launch date through June 30, 2015.

Program Activity through June 30, 2015

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	23,852	458	269	\$ 15,811,650	128	\$ 2,865,796	29	161	9	54	129	678,854	177
El Segundo	5/23/14	4,312	12	8	\$ 1,447,801	3	\$ 69,352	1	2	2	2	2	19,885	5
Gardena	5/23/14	14,921	181	114	\$ 6,280,033	57	\$ 1,172,880	12	75	1	8	22	220,965	55
Hawthorne	5/23/14	14,245	125	85	\$ 5,427,357	39	\$ 835,733	8	61	0	4	8	188,671	46
Hermosa Beach	5/23/14	7,734	17	11	\$ 2,441,984	4	\$ 88,240	1	3	0	4	12	37,330	10
Inglewood	5/23/14	22,779	313	203	\$ 11,616,551	108	\$ 2,731,598	27	173	8	18	42	472,804	119
Lawndale	5/23/14	7,879	32	24	\$ 1,383,887	11	\$ 197,625	2	14	0	4	11	32,432	10
Lomita	5/23/14	6,028	26	22	\$ 1,933,814	10	\$ 261,846	3	14	0	6	18	78,033	20
Manhattan Beach		13,945	Has not adopted Resolution of Participation											
Palos Verdes Estates		4,999	Has not adopted Resolution of Participation											
Rancho Palos Verdes	5/23/14	13,868	60	48	\$ 7,802,691	16	\$ 369,383	4	23	1	4	9	109,944	26
Redondo Beach	3/24/15	21,253	9	8	\$ 976,488	1	\$ 21,571	0	1	0	0	0	1,846	0
Rolling Hills	5/23/14	718	3	3	\$ 881,678	1	\$ 67,163	1	1	0	0	0	498	0
Rolling Hills Estates	5/23/14	3,064	13	11	\$ 1,922,736	4	\$ 188,003	2	7	0	2	5	19,283	6
Torrance	5/23/14	39,118	198	148	\$ 14,180,861	76	\$ 1,638,388	16	99	4	30	82	394,620	105
Total		198,715	1447	954	\$ 72,107,531	458	\$ 10,507,578	105	634	25	136	340	2,255,165	579

* 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.

NOTE: Manhattan Beach and Palos Verdes Estates will be part of the HERO program as soon as LA County is certified to participate.

Energy Upgrade California Community Outreach Ambassador

Contract goals: 6 outreach events and 6 presentations to be completed by January 1 - December 31, 2015

Status of goals: 3 outreach completed; 6 presentations completed – Goal Met
3 additional events have been scheduled (1 in August; 2 in October)

The Environmental Charter High School (ECHS) Green Ambassador Students have been an important part of the Energy Upgrade California Community Outreach Ambassador program helping to spread the message of energy savings in the community.

ECHS has contract goals as well: 3 outreach events and 3 presentations

Status of ECHS goals: 3 outreach events completed [events completed in March (1), April (1), May(1)]; 3 presentations completed [presentations given in March (1) and May(2)] – Goal Met

It is anticipated that additional funding will be available to continue this program in 2016. Notice expected in August/September.

Home Upgrade (The Energy Network) Contract period is May 1, 2015 through October 31, 2015

Contract goals: exhibit at 8-10 community events and provide 2-4 workshops/presentations.

Status of goals: 9 outreach events completed; 2 presentations completed (1 additional event has been identified in September; 2 presentations have been scheduled in October)

Green Building Challenge

The GBC website is live and the Challenge activities are being reviewed in preparation for an August 15th online platform soft launch. The SBCCOG held meetings with SCE and SCG program and public affairs staff in July to provide a Challenge overview and platform demonstration, as well as to encourage ongoing feedback throughout the program. Outreach meetings with potential participants, along with meetings with chambers of commerce, economic development directors, and environmental/ economic committees are scheduled for August.

The GBC platform will officially launch on September 1st, and a press event will be held on Wednesday, September 23rd, 9:00 AM at the SBCCOG. To maintain ongoing momentum, the Challenge will include a rotation of focus topics (energy, water, waste, etc) that will be communicated through the Challenge newsletter and events.

Holiday Light Exchange

Save the date for the 2015 Holiday Light Exchange, November 12 and 13, from 9am to 5pm. Fund raising efforts have begun. Please refer any possible sponsor to Marilyn Lyon marilyn@southbaycities.org.

Water Conservation

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

Water Reliability (WR) 2020

Contract goal: 427 WR 2020 support cards to be collected by August 31, 2015.

Status of goals: 463 cards collected at July events. Goal met. The Cash for Kitchens outreach contributed to this goal during the month of June bringing in 5 support cards for a total of 59 collected to date under that activity.

Contract goal: Up to 40 WR 2020 presentations to be scheduled.

Status of goals: 26 have been scheduled as of July 29, 2015. (Note: this goal is dependent upon West Basin's availability.)

SBCCOG staff continues to contact Commission/ Committee staff liaisons via email to schedule presentations. During July, SBCCOG staff mailed to all homes associations in El Segundo and Torrance and followed up. For the month of July activities also included scheduling Rolling Hills Country Club Estates Homes Association, Hawthorne Senior Citizens Commission, Chanera Avenue Neighborhood Watch Annual Meeting, Trump Staff Meeting, Rollingwood Homes Association, Aerospace Wives Club, Redondo Beach Library Series and Palos Verdes Library Series. Three more homes associations are in process of selecting dates.

Contract goal: Up to 24 tabletop WR2020 business briefings to be scheduled.

Status of goals: 16/24

July's business briefings included Mattel, Green Hills Memorial Park, and Time Warner Sports. Letters of support were received from June business briefings at Torrance Memorial Medical Center and Continental Development.

Lunch & Learn educational workshops

Contract goal: complete 2 educational workshops by August 31, 2015

Status of goals: 1 has been completed.

A second workshop on Greywater will be hosted by SBCCOG (Client Theater) scheduled for Tuesday, August 25th from 6-8:30pm.

Cash for Kitchens

Contract goals: 40 kitchen audits to be completed by Aug 31, 2015.

Status as of July 31, 2015: 40 audits completed – Goal Met

Contract goals: 50 follow-up visits at 50 previously audited sites.

Status as of July 31, 2015: 50 follow-up visits completed – Goal Met

Activities for July included SBCCOG staff contacting the following businesses Daily Donut House (Torrance), Time Warner (El Segundo), Maki Yaki (El Segundo), L&L Hawaiian Barbecue (El Segundo), Cilantro Mexican Grill (El Segundo), Indian Summer Grill (El Segundo), Justa Pizza (El Segundo), Pagoda Chinese Food (El Segundo), Dough Boy's Doughnuts (El Segundo), Hustler Casino (Gardena), and Inglewood Unified School District.

Contract goals: 2 training sessions to be completed by August 31, 2015.

Status as of July 31, 2015: 1 training sessions completed. (First training completed on June 26 at the Trump National Golf Club, Rancho Palos Verdes).

Inglewood Unified School District staff has expressed interest in scheduling a Cash for Kitchens training and SBCCOG staff is working with them to secure a date in August 2015.

Rain Barrel

During the month of July, 163 individuals were recorded as indicating interest in the Rain Barrel Giveaway. Future giveaways are in the planning stages by WBMWD.

Car Wash

Contract goal: “Re-sign” for next year the 7 car wash companies that are participating in the program.

Status of goal: 7 of the 7 current car wash companies have renewed - Dominguez Car Wash (Carson), Crenshaw Imperial Car Wash (Inglewood), Lennox Car Wash (Lennox), Carson Car Wash (Carson), Gardena Car Wash (Gardena), Bellagio Car Wash (Lawndale), and Rock n Roll Car Wash (Hermosa Beach).

SBCCOG staff re-visited the following Car Wash business in July to promote the program: Rock n Roll Car Wash (Hermosa Beach).

Contract goal: strive to enroll 2-3 new car wash companies by August 31, 2015.

Status of goal: 2 new car wash companies have signed up - Go Eco Express (Lawndale) and Green Forest Car Wash (Hawthorne).

Weather-Based Irrigation Controller Exchanges

Contract goal: 3 exchanges to be completed by August 31, 2015.

Status: 1 exchange has been completed. Two additional exchanges have been scheduled: August 22nd and August 29th.

MWD Caucus Meeting

The meeting included an update on The Colorado River: Drought Impacts the Lifeblood of the Southwest given by Bill Hasencamp, MWD.

Water Harvest 2015

The first planning meeting for the October 24th Water Harvest Festival took place in July. SBCCOG staff is looking into working with the Work Force Investment Board to utilize their event staffing services. The SBCCOG is contracted to provide 12 volunteers to support the event, but the need is much greater – 30 -40 volunteers are truly needed. To assist WBMWD to meet this need, the SBCCOG is working to identify other staffing resources.

Sanitation Districts

Contract goal: Schedule 5 Sanitation Districts-related presentations to be completed by December 31, 2015.

Status: 5 presentations have been scheduled; 4 presentations have been given.

Transportation

Vanpool Program

Contract goal: 72 outreach events; 18 information/formation meetings to be completed by February 15, 2016.

Status of Goals: 70 outreach events; 16 information/formation meetings

SBCCOG staff distributed Van Pool information at 6 community outreach events in July. An initial Vanpool formation meeting took place at Providence Holy Cross Hospital in Torrance. SBCCOG staff as reached out to the City of Redondo Beach, Torrance, and California State University Dominguez Hills to explore creative ways to expand or include employees into new or existing Van Pools; On-site meetings are scheduled to take place in late August or early September. Follow-up work continues with the Cities of Carson and Inglewood as well as with Harbor UCLA medical center.

Metro Express Lanes (MEL)

SBCCOG participated and distributed MEL materials at 6 South Bay community events in July. (Note: the MEL vehicle appearance is dependent upon Metro's MEL marketing Team's availability. SBCCOG staff continues to advise the MEL support Team of marketing opportunities in the South Bay.

Electric Vehicle Charging Station Siting and Installation (CEC grant)

This program focuses on identifying and eliminating the barriers to electric vehicle charging at multi residential buildings. Kick-off meeting with UCLA and Siembab completed on July 6, 2015 and received PEV registrations map from SCAG. A request for information of EV installers is also being drafted as part of Task 2 scope.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings & Exchanges

The following chart lists an overview of all workshops held in July 2015:

Event Date	Event Name	No. Attended/ No. of RSVPs	Marketing Info. (how did they hear about the workshop):	Staff Lead
7/21/15	Reducing Your Carbon Footprint Through Transportation Choices	7 attendees	Email and Flyer	AB
7/25/15	California Friendly Landscape Training Class – Carson	19/26	Email: 4 City of Carson: 16 Website: 6	AB
7/27/15	Making Your Home More Energy and Water Efficient	13 attendees	Email and Flyer	GFG

SCE Workshops – SCE seminar on Basic HVAC is scheduled for October 9, 2015, hosted by SBCCOG.

Palos Verdes Library District – the first workshop in the series was given in July and focused on Energy Efficiency and Water Conservation. SBCCOG staff partnered with West Basin (Water Reliability presentation) and Cal Water Services (update on the drought and water restrictions). The second workshop will be given in August on Zero Waste and will include the Sanitation Districts; and the third workshop will be given in September and will focus on the future of transportation in the South Bay.

SBCCOG provided two presentations/workshops at the Redondo Beach Library during July. The first one was focused on Energy Efficiency and Water Conservation. SBCCOG partnered with West Basin (Water Reliability presentation) and Cal Water Services (update on the drought and water restrictions). The second one focused on transportation issues in the South Bay and ways to think about reducing your carbon footprint. The Programs and Outreach Librarian requested a future program (early in 2016) that focuses on sustainability that would include energy efficiency, water, sanitation/food waste, and transportation.

In addition, through our partnership with West Basin, the SBCCOG has been included in a workshop series offered through the South Coast Botanic Gardens during the month of October. The SBCCOG presentation will focus on the relationship between energy and water.

Outreach Events

SBCCOG/SBESC had a presence at the following events:

- 4 community event
- 1 employee event
- 1 business or business card event
- 7 presentations/workshops (overview of SBCCOG)

Media

Earned Media Received in July 2015

“Hermosa Beach Tackles Climate Change With a Plan to Go ‘Carbon Neutral’” – Daily Breeze – July 20, 2015

“Making Your Home More Water and Energy Efficient” – Redondo Beach Patch – July 2015 (2 publications)

“Moving Towards Zero Waste” – Palos Verdes Library District August Newsletter – July 28, 2015

“10 Energy-Saving Tips for Renters” – #UrbanCities – July 22, 2015

Social Media

As of July 29, 2015 social media following is as follows:

Facebook: 411 likes, 2,104 impressions*

LinkedIn: 72 followers, 473 impressions

Twitter: 336 followers, 1,838 impressions

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

Top Tweet earned 157 impressions

Avoid the use of serving
platters/dishes...www.sbesc.com #greentip
#EcoMonday

[View Tweet activity](#)

[View all Tweet activity](#)

Volunteer Program

Volunteers

Volunteer hours for the month of July 2015 are as follows:

- 305 hours
- Grand total as of 7/31/15 = 14,061.43 (Starting April 2008)

Lending Library

Lending Library

At the April 2014 Board of Directors meeting, the Lending Library MOU was amended to extend the agreement as a 36 month pilot program. From the date of the amendment to July 2015, the library has reported that 30 books have been checked out. The books that have been checked out were all related to water history, water conservation, California landscaping, the environment, renewable energy (solar technologies), waste management, and energy efficiency.

III. INDUSTRY UPDATES

First Filing of Its Kind for the Investor-Owned Utilities - SCE's Distributed Resource Plan

What this means to the South Bay? – The grid infrastructure will be modernized over the next 10 years (with 2016 – 2018 the planning phase) and this filing is an opportunity to address grid reliability in the South Bay region. SCE filed for the first time ever a Distributed Resource Plan ("DRP") to the CA Public Utilities Commission ("PUC") per AB 327. These plans are supposed to help the utilities plan for and accommodate more distributed energy resources (essentially alternative energy and energy storage) by looking in-depth at their systems to determine where there is a need for load reduction, whether upgrades are needed, etc. The PUC is calling for a plug and play grid and to support two way flow instead of the antiquated one-way flow of electricity. This system is to accommodate the alternative/renewable energy and energy storage technologies coming online and to make way for the grid of the future.

Link to SCE's proposed plan:

http://www.edison.com/content/dam/eix/documents/newsroom/news-releases/A15-07_XXX_DRP_Application_SCE_Application_and_Distribution_Resources_Plan_and_Appendices_A-J.pdf

Protest to SCE's Proposed LED Streetlight Tariff Increase

The SBCCOG filed a protest to the PUC addressing SCE's proposed advice letter for a new tariff for energy efficient retrofits of SCE-owned streetlights ("LS-1" streetlights). This advice letter from SCE is required under AB 719.

California Street Light Association (CalSLA) stated the following in regards to the issue: *"You may be pleased to know that Pacific Gas & Electric (PG&E) and San Diego Gas & Electric (SDG&E) submitted proposed tariffs that met the intent of the legislation. For instance, PG&E's proposed tariff includes a \$1.67 per month, or 13% reduction in rates after the retrofit with which to pay for the retrofit using no-interest, on-bill financing.*

Unfortunately, Southern California Edison (SCE) filed its advice letter on June 30, 2015 showing that a retrofit to a more energy efficient street light fixture will INCREASE COSTS BY \$2.41 - \$4.23 per month for the most common High Pressure Sodium Vapor (HPSV) watt fixtures. CALSLA does not believe that SCE's proposed tariff meets the intent of the legislation. What city or county would pay more to retrofit a utility owned street light, when the cities/counties to the north and south will be paying less?"

SCE has filed its response to the protests filed by numerous local government agencies. SCE's rebuttal positions that their advice letter is "the result of a combined misunderstanding of the requirements under AB 719 and SCE's proposal."

The PUC has not taken action. The SBCCOG is currently monitoring this activity.