

# South Bay Cities Council of Governments

January 28, 2016

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)

All cities have approved the Energy Efficiency measures at council meetings. The project is complete with final submissions to SCE under review.

#### Strategic Growth Council Grant

The development of the land use and mobility strategies is proceeding by (under the direction of Wally Siembab and his team):

- Exploring the association between neighborhood center capture rate with 12 test centers
- Developing a trip matrix where distances are associated with different strategies
- Analyzing the original South Bay transportation survey dataset
- Analyzing and working with LA County Assessor parcel data
- Conducting research that supports the design of the neighborhood center in 2020

Energy Generation and Storage Chapter: The SBCCOG continues to utilize volunteers to support the CAP efforts in researching and continuing refinement of cities' strategies. Currently, the CAP volunteers are researching General Plan policies and barriers to Energy Generation and Storage strategies.

LA County Sanitation District has completed a technical review on the solid waste measures. SBCCOG staff will edit the solid waste measures with the Sanitation District's comments. SBCCOG staff continues to explore obtaining technical review of Greening measures.

## Energy Efficiency

Energy Leader Partnership staff team to meet with new Public Works Director at Redondo Beach.

Jacki Bacharach, SBCCOG staff and Manhattan Beach Councilmember Amy Howorth met with a new group of SCE public/government affairs people. They provided information regarding outage notification and El Nino information. SBCCOG staff will be placing this information on our website and in our newsletters. Staff will also make sure each of the cities receives this information for their websites and newsletters.

### Energy Leader Partnership (ELP)

**2015 Status:** Completed 412,153 kWh (26% of goal)

**2015 paid out incentives to cities:** \$61,699

**2015 Goal:** 1,590,000 kWh

**Remaining to achieve 2015 goal:** 1,177,847 kWh

Since 2010, the South Bay cities have documented approximately \$1.5 million in incentive cash to the General Fund attributable to the South Bay Cities' Energy partnership.

### *In the Pipeline...currently over 4 million kWh*

City	Current Tier Level	kWh Savings in Project Pipeline
Carson	Gold	1,485,301
Gardena	Valued	219,909
Hermosa Beach	Silver	367,088
Inglewood	Gold	1,452,029
Manhattan Beach	Platinum	51,309
Rancho Palos Verdes	Gold	38,269
Redondo Beach	Silver	120,916
Torrance	Silver	570,779

### Energy Efficiency Management Information Systems - EEMIS

The consultant has completed her work on developing information resources for the SBCCOG webpage with a focus on EEMIS and energy management. Her contract ended 12/31/2015. The new webpages are at <http://www.southbaycities.org/programs/energy-management>

The next Energy Management Working Group is scheduled for January 6, 2015.

### Direct Install – Southern California Edison

Four cities, Lawndale, Carson, PVE, and El Segundo, have participated and completed a total of 15 projects and saved approximately 72,230 kWh. by the close of 2015 which was the end of this program.

Southern California Gas Company (SCG)  
**2015 THERM GOAL ACHIEVED!!**

**2015 Status:** 14,114 therms (141% of 2015 therm goal)

**2015 Goal:** 10,000 therms

**2015 paid out incentives to agencies:** \$17,940

**Remaining to achieve 2015 goal:** 0 therms

Current therm activity:

Planning phase

- Torrance USD – new pool, pool heater, and maybe pool cover
- City of Hawthorne – chiller controls upgrade at Memorial Center
- Marymount California University – replace pool boiler with solar thermal

Installation phase

- City of Carson – pool cover and boiler replacement (3,635 therms)
- Torrance USD – two condensing boilers (3,349 therms)
- City of Lawndale – boiler replacement (499 therms)
- PVUSD – pool cover (6,403 therms)

HERO

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

**Program Activity through November 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	762	471	\$29,173,171	231	\$5,769,003	50	372	14	68	165	1,368,326	343
El Segundo	5/23/14	4,312	18	13	\$2,160,279	5	\$96,550	1	3	3	2	2	29,115	7
Gardena	5/23/14	14,921	281	187	\$11,144,583	89	\$1,987,245	17	123	4	10	25	332,381	82
Hawthorne	5/23/14	14,245	206	142	\$9,737,716	68	\$1,627,815	14	100	2	8	17	308,958	76
Hermosa Beach	5/23/14	7,734	29	21	\$4,543,268	9	\$216,754	2	10	0	6	15	53,898	15
Inglewood	5/23/14	22,779	518	336	\$20,139,929	153	\$3,909,566	33	262	12	22	48	712,027	176
Lawndale	5/23/14	7,879	59	42	\$2,662,642	18	\$303,279	3	23	0	4	11	59,642	16
Long Beach	5/23/14	6,028	51	45	\$4,180,686	21	\$498,957	4	32	1	8	23	133,224	34
Manhattan Beach	5/25/15	13,945	31	27	\$6,015,334	6	\$125,322	1	11	0	0	0	89,363	20
Palos Verdes Estates	5/28/15	4,999	11	11	\$2,278,753	1	\$30,512	0	1	1	0	0	2,005	0
Rancho Palos Verdes	5/23/14	17,759	102	85	\$13,615,154	29	\$733,168	6	45	2	4	9	226,423	52
Redondo Beach	3/24/15	21,253	79	60	\$7,663,122	14	\$243,591	2	17	1	6	14	80,767	21
Rolling Hills	5/23/14	718	4	4	\$1,131,678	2	\$119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,064	24	22	\$4,105,888	9	\$282,328	2	15	0	2	5	85,294	20
Torrance	5/23/14	39,118	332	266	\$26,706,415	132	\$2,982,481	25	178	8	42	110	720,887	184
<b>Total</b>		<b>202,606</b>	<b>2,507</b>	<b>1,732</b>	<b>\$145,258,618</b>	<b>787</b>	<b>\$18,926,208</b>	<b>161</b>	<b>1,194</b>	<b>48</b>	<b>182</b>	<b>444</b>	<b>4,203,305</b>	<b>1,046</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.

Energy Upgrade California Community Outreach Ambassador

Contract goals: 8 outreach events and 6 presentations to be completed by Nov. 30, 2016

Status of goals: Contract starting February 2016

The SBCCOG completed and submitted the final report for the 2015 Community Outreach Ambassador program. We received notification of a grant award on December 11, 2015 to be an Energy Upgrade California Community Outreach Ambassador during 2016. The funding amount is \$58,100. Twenty-five grants were awarded.

Green Building Challenge

Contract goals: 170 - 270 participants by August 2016

Status of goals: 64 participants enrolled in the South Bay Cities Green Building Challenge

There are 64 participants enrolled in the South Bay Cities Green Building Challenge and the current program focus is continued outreach to new participants and program management to engage existing participants. In December to date, 16 new businesses have enrolled in the Challenge, 15 business outreach meetings have been held, and the program was presented at 2 meetings, including the SBCCOG Economic Development Directors meeting and a meeting with the South Bay Association of Realtors. The SBCCOG facilitated a tour of one of the participant's facilities, LEDtronics, providing education for 10 staff and volunteers.

Five participating business have requested energy audits which will be scheduled for 2016 and four businesses are participating in Cash for Kitchens this month.

The GBC program newsletter was sent out twice in December, and the SBCCOG will be providing updates on enrollment by city. Current standings: Torrance (20), El Segundo (13), Redondo Beach (9), Gardena (5), Manhattan Beach (4), Rancho Palos Verdes (4), Rolling Hills Estates (2), Carson (1), Hawthorne (1), Hermosa Beach (1), Inglewood (1), Lawndale (1), Lennox (1) and Palos Verdes Estates (1).

**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, 2016.

Status of goals: 348 cards collected as of December 2015. The Cash for Kitchens outreach contributed to this goal during the month of December bringing in 5 support cards for a total of 9 collected to date under that activity.

Contract goal: Up to 30 WR 2020 presentations to be scheduled.

Status of goals: 5 have been scheduled as of December 18. (Note: this goal is dependent upon West Basin's availability.)

A new strategy this contract year will be to schedule WR2020 presentations at business staff meetings.

Contract goal: Up to 20 tabletop WR2020 business briefings to be scheduled.

Status of goals: 0 as of December 18. Staff has been putting together a list of prospects and will be following up on those in January.

#### Cash for Kitchens

Contract goals: 40 kitchen audits to be completed by Aug 31, 2016.

Status as of December 31, 2015: 12 audit completed.

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

Status as of December 31, 2015: 13 follow-up visits completed.

Activities for December included SBCCOG staff contacting the following businesses: Whole Foods Market (Torrance), Trader Joe's (Torrance), Bettolino Kitchen (Redondo Beach), Chick-Fil-A (Torrance), Courtyard by Marriott (Torrance), Gaetano's Restaurant (Torrance), Ramada (Torrance), Days Inn & Suites (Torrance), Courtyard Marriott (Torrance), Jersey Mike's (Torrance), Tokyo Central (Gardena), HuaEn Restaurant (Gardena), Buffalo Fire (Torrance), Miyako Hybrid Hotel (Torrance), Extended Stay America (Torrance), Residence Inn (Torrance), StayBridge Suites (Torrance), Redac Gateway Hotel (Torrance), Torrance Bakery (Torrance), Kuma Sushi (Torrance), Chicken Maison (Rolling Hills Estates), Dragonfly Thai (Rolling Hills Estates), Dragon on the Fly (Rolling Hills Estates), Phohana (Rolling Hills Estates), Bayou Grille Restaurant (Inglewood), Fiesta Martin Restaurant (Inglewood), Dulan's Soul Food Kitchen (Inglewood), Orleans & York Deli (Inglewood), Rusty Pot Restaurant (Inglewood), and Flip It Café (Inglewood).

Contract goals: 2 training sessions to be completed by August 31, 2016.

Status as of December 31, 2015: 0 training sessions.

SBCCOG Staff will work with West Basin staff to schedule the first Cash for Kitchens training session on March 2016.

#### Rain Barrel

2 rain barrel events took place in the month of December:

- West Basin Division I in Carson on 12/5/15; SBCCOG staff worked the event on 12/5/15; 260 households received 374 rain barrels.
- West Basin Division IV in Culver City on 12/12/15; there were a number of South Bay residents who participated in this event; 208 South Bay households received 217 rain barrels.

The next rain barrel giveaway will take place in Inglewood on January 23<sup>rd</sup>.

#### Car Wash

Contract goal: "Re-enroll" current 8 car wash companies that are participating in the program. Status of goal: 5 of the 8 current car wash companies have renewed - Dominguez Car Wash (Carson), Go Eco Express Car Wash (Lawndale), Rock n Roll Car Wash (Hermosa Beach), Bellagio Car Wash (Lawndale) and Imperial-Crenshaw Car Wash (Inglewood).

Contract goal: strive to enroll up to 2 new car wash companies by August 31, 2016.  
Status of goal: 0 new car wash companies.

SBCCOG staff visited the following Car Wash businesses in December to promote the program: GreenStreet Auto Spa & Detail Center (Redondo Beach), Manhattan Car Wash (Manhattan Beach), Bellagio Car Wash (Lawndale), Rock n Roll Car Wash (Hermosa Beach), Lennox Car Wash (Lennox) and Crenshaw Imperial Car Wash (Inglewood).

California Friendly Landscape Training (CFLT) – Torrance  
A CFLT was held on December 12th; there were 62 in attendance.

#### Sanitation Districts

Contract goal: Schedule 5 Sanitation Districts-related presentations to be completed by December 31, 2016.

Status: Goal Met for 2015

The funding amount remains the same for 2016. A meeting between SBCCOG and Sanitation Districts will be held in January to discuss outreach activities for the 1<sup>st</sup> quarter.

#### **Transportation**

##### Vanpool Program

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

Status of Goals: 100 outreach events; 17 information/formation meetings

SBCCOG staff distributed Vanpool information at 1 community outreach event in December. Vanpool formation efforts continued to focus on the City of Redondo Beach and an analysis of their employee commute data. Continued efforts were made to match Providence Holy Cross Hospital and employees at the City of Torrance as well as to work with California State University Dominguez Hills to explore creative ways to expand their vanpool program with the City of Carson and nearby employers. SBCCOG Staff are coordinating efforts to identify and target Green Building Challenge companies for “Lunch and Learn” events in January and early February, 2016.

##### Metro ExpressLanes (MEL)

The goal of the MEL Contract is to continue to build awareness and increase the number of FasTrak® transponder accounts for vehicles using the I-110 Corridor ExpressLanes as well as encourage use of the Silver Line bus services and vanpools.

Status: 24 community events; 1 MEL email update; 2 SBCCOG Newsletter

SBCCOG participated and distributed MEL materials at 1 South Bay community event in December. SBCCOG staff continues to advise the MEL support Team of marketing opportunities in the South Bay though the MEL team has indicated that it will selectively target and allocating marketing resources as they deem appropriate.

Electric Vehicle Charging Station Siting and Installation - CEC grant (under the direction of Wally Siembab and his team)

This program focuses on identifying and eliminating the barriers to electric vehicle charging at multi residential dwellings (MUD). Outreach efforts continue to recruit Property Management companies to become Study Partners for the purpose of allowing site visits and surveys at identified apartments and HOAs. Contact was made and support obtained for South California Edison to provide expertise and assistance in the critical aspect of “power to the panel” as well as their new and existing EVCS programs. An extension (with subsequent approval) was requested to the CEC to submit the draft report of the South Bay MUD inventory and site visits in late January.

Ride Amigos TDM Program

Contract goal: Wide-spread adoption of South Bay Smart Mobility Platform – aka, Ride Amigos TDM (transportation demand management) Software Platform - throughout the South Bay

SBCCOG and Ride Amigos have completed and signed the contract and Scope of Work to license the Ride Amigos’ software platform. Customization, branding and other preliminary tasks are in development. In preparation for the roll-out and launch SBCCOG Staff met with Ride Amigos to further understand new developments that are taking place with the RA software so as to ensure that scope of work and resources allocated for the project will be targeted for the best possible chance of success. A detailed timeline for project development/management is being developed and the first phase of the project is expected to launch in early 2016.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings & Exchanges

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

Event Date	Event Name	No. Attended/ No. of RSVPs	Marketing Info. (how did they hear about the workshop):	Staff Lead
12/5/15	Rain Barrel Giveaway - Division I (Williams) (400 rain barrels were given away)	260/487	Email: 152 Flyer: 60 Friend or Family: 84 Local Publication: 77 Other: 31 Social Media: 26 Website: 56	AB, RD, JZ
12/12/15	Rain Barrel Giveaway - Division IV (Houston) (337 rain barrels were given away)	314/500	Email: 121 Flyer: 19 Friend or Family: 87 Local Publication:	No Staff

			152 Other: 28 Social Media: 42 Website: 52	
12/12/15	California Friendly Landscape Training – Beverly Hills	16/35	Email: 17 Flyer: 4 Friend or Family: 1 Local Publication: 5 Other: 3 Social Media: 2 Website: 3	No Staff
12/12/15	Torrance California Friendly Landscape Training	62/110	Email: 60 Flyer: 23 Friend or Family: 4 Local Publication: 4 Other: 13 Website: 6	ML

Staff promoted SCE February 12, 2016 workshop with flyer at SBESC office display, Promenade on the Peninsula Kiosk display and on SBESC website.

#### Outreach Events

- **2** community events
  - Scheduled to attend **2** community events in January
- **3** overview of SBCCOG/EE presentations (presentations to 3 sixth grade classes at Jane Addams Middle School in Lawndale)
- Calendar year-to-date through December 2015:
  - **68** - community events
  - **12** - Employee events
  - **9** - Business or business card events
  - **1** - City-staff event
  - **53** - Presentations/workshops

Working with the Branch Librarian at El Retiro Library, part of the Torrance Library system, an energy efficiency-oriented workshop will be offered on April 30, 2016. The workshop will also include a Water Reliability presentation.

#### **Media**

##### Earned Media Received in December 2015

“City of Torrance to host a free California Friendly Landscape Workshop, December 12” – Palos Verdes Patch



<https://www.youtube.com/watch?v=N4OH7bZjTaM> from Torrance Rain Barrel Event – Story by Torrance CitiCABLE

### Social Media

As of December 28, 2015 social media following is as follows:

Facebook: 467 likes, 700 impressions\*

LinkedIn: 86 followers, 510 impressions

Twitter: 365 followers, 5,152 impressions

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

**Top Tweet** earned 743 impressions

Tell us what activities you are completing in the **#GreenBuildingChallenge!**

**@Maritz\_MHI @HUSTLERCASINOLA**

**@BCHD** [pic.twitter.com/lao7C3l0k9](http://pic.twitter.com/lao7C3l0k9)



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### **Volunteer Program**

#### Volunteers

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

- 167.5 hours
- Grand total as of 12/31/15 = 15,074.93 (Starting April 2008)

On December 16<sup>th</sup> volunteers and staff went on a field trip to LEDtronics.