

# South Bay Cities Council of Governments

June 26, 2014

**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**

Energy Efficiency Climate Action Plans (EECAP)

In May, Atkins and SBCCOG staff focused on drafting the Assessment and Planning reports (A+P report) for all of the South Bay cities and the subregion. The A+P reports outline the scope of work, timeline, process, and existing policies and programs for each city. Each City's staff were sent a draft of the Assessment and Planning report for their respective city and asked to provide feedback, which will be incorporated, along with any edits required by SCE, into a final A & P report for each city and the subregion. At the same time, Atkins and SBCCOG staff have been working with city staff to collect municipal and communitywide data for the greenhouse gas emissions inventory updates. Atkins provided city staff with municipal data collection worksheets.

**Energy Efficiency**

SCE Direct Install

Our energy engineer has been working with each of our cities to expedite the municipal direct install program. The following provides an update as of the end of May 2014:

City	Status	# of Buildings	kW Savings	kWh Savings
Carson	Installation completed	5	13.97	58,177
El Segundo	Awaiting signature from city	3		

Gardena	Installation completed	8	33.58	146,619
Hawthorne	Installation completed	5	26.72	113,796
Hermosa Beach	Added 2 more buildings. Waiting for status from FCI	9	27.54	118,192
Inglewood	Work is scheduled to begin in August.	10		
Lawndale	Installation completed	3	3.24	13,546
Lomita	Buildings inspected and no opportunities identified	-		
Manhattan Beach	Interested in LEDs - N/A	-		
Palos Verdes Estates	Work is scheduled to begin in August.	1		
Rancho Palos Verdes	City is going to participate. FCI is awaiting city signature.	6		
Redondo Beach	Installation to begin June 3, 2014	12		
Rolling Hills	Installation completed	1	2.88	12,050
Rolling Hills Estates	Installation completed	1	5.22	22,054
Torrance	Installation completed	13	47.51	202,033
<b>Total</b>		77		
<b>Total Upfront Project Cost Savings:</b>				\$405,356
<b>Total Annual Energy Cost Savings:</b>				\$119,326

### SCE Faith Based Direct Install

During the month of May, SBCCOG staff continued to promote the Faith Based Direct Install program via the SBESC E-News, the SBESC website, the SBCCOG/SBESC Kiosk at the Promenade of the Peninsula and at all the community outreach events this month. In addition, staff worked in conjunction with our volunteers building a database of faith based organizations which will provide us with a tool to e-mail at least 106 faith based organizations in the South Bay. The Direct Install program will be closing out June 30 and the staff will stop promoting the program on May 31. During the month of June, staff will be referring organizations that inquire about the program to SCE. As a result of the SBCCOG efforts in promoting of the program, the

following organizations agreed to meet with the vendor and are in process of receiving the program measures:

- Holy Trinity Lutheran Church – **Inglewood**
- Pacific Unitarian Church - **Rancho Palos Verdes**
- Wesleyan Methodist Church – **Lawndale**

The estimated energy savings is 52,509 kWh.

#### SCE Water Leak Detection Program

On May 20<sup>th</sup> and May 21<sup>st</sup> SBCCOG had individual city meetings with Inglewood, Lomita, Manhattan Beach, and El Segundo. In attendance were city staff members from public works and water billing departments, SBCCOG staff, as well as WLDP team members from Willdan and WSO. The Water Leak Detection System Input Volume and Pressure Management technical memos were reviewed and the next steps were discussed with each agency. During the meeting, the group discussed apparent losses and meter accuracy issues. City staff were given a general update with what's been done so far, findings thus far, etc. Future reports will have more specific results and recommendations and help public works directors to take informed action to maintain their systems. Staff will also be meeting with the city when the detailed reports are released.

Consumption data analysis is now taking place for each agency. Cities are also doing follow up work by providing leak repair data including the number of leaks repaired and the cost of each repair.

All of the participating cities have indicated that they are very pleased with the work being conducted as water losses caused by unrepaired leaks and operating at unnecessarily high-pressure results in wasted water and wasted energy.

#### Energy Leader Partnership (ELP) & Energy Action Plans (EAP)

The following highlights the activities under the ELP for the month of May:

- Gardena City Council passed their EAP Resolution
- Palos Verdes Estates – SBCCOG staff is preparing draft for city staff review

#### Enterprise Energy Management Information System (EEMIS)

Staff continues to advance in EEMIS task by thoroughly reviewing individual cities' SCE service accounts and conducting field investigations to locate opportunities for reducing electricity costs. Findings and Recommendations for cities are being prepared upon completion of each city's review under EEMIS implementation. Examples of findings and recommendations include:

- **Zero energy use service accounts** - cities paying for zero energy use accounts, which cost about \$300 annually per service account. Some cities can have up to 10 of these account types, which can total approximately \$3000 annually.

- **Incorrect tariff for traffic control, streetlights, or area lights (typically found in parks or parking lots)** – SCE has recently converted the “GS-1” tariff to time-of-use, which translates into the city paying higher costs per kilowatt hour during peak periods (12pm-6pm). This increase equates to approximately an extra \$0.06/kilowatt hour. A typical traffic control uses about 5,000 kWh annually costing the city an extra \$300 per fiscal year for incorrect tariff. One city has about 10 identified incorrect tariff designations for their traffic controls, which costs city approx. \$3,000 extra per fiscal year. These findings are being reported to the perspective city.
- **Some cities paying for traffic controls maintained and operated by Caltrans** – cities can review these accounts to make sure they are being reimbursed for any charges that belong to Caltrans.

In addition, SBCCOG staff also continues to submit EEMIS tree structure updates that organize facilities with city budgetary designations to Los Angeles County.

This work is important because it helps identify potential funding that the cities can use as seed money for energy project development.

Beacon Award Champion

Status of Beacon Award program as of the end of May is as follows:

City	Resolution Passed	Completed On-Line Application	Participant Level Achieved	Spotlight Awards
Carson	Yes	Yes	Yes	
Gardena	Yes	Yes	Yes	
Hermosa Beach	Yes	Yes	Yes	
Inglewood	In process			
Lawndale	Yes	Yes	Yes	
Manhattan Beach	Yes	Yes	Yes	1. Energy Savings 2. Best Outreach Activities
Rolling Hills Estates	Yes	Yes	Yes	
Rancho Palos Verdes	Yes	Yes	Yes	
Torrance	Yes	Yes	Yes	

**Water Conservation/West Basin Municipal Water District Programs (West Basin)**

Water Reliability 2020

Contract goals: 1,000 WR 2020 support cards to be collected by August 31, 2014.

Status of goals: **1,135 cards collected as of May 30, 2014**

Contract goals: up to 40 WR 2020 presentations to be scheduled.

Status of goals: **29 presentations have been scheduled as of May 30, 2014.** (Note: this goal is dependent upon West Basin’s availability)

Presentations: 3 presentations to commissions were given in May (Carson Planning Commission; Hermosa Beach Emergency Preparedness Advisory Commission; Redondo Beach Budget and Finance Commission). Additional presentations are scheduled throughout June, and into July and August.

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

Status of goals: **15 scheduled as of May 31, 2014.**

Staff helped organize a group business briefing with local hotel managers. The meeting was very successful with one manager immediately signing a letter of support for WBMWD's program.

#### Cash for Kitchens

Contract goals: 40 kitchen audits to be completed by Aug 31, 2014.

Status: **27 audits completed as of May 29, 2014.**

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

Status: **47 follow completed as of April 30, 2014.**

Training Session – West Basin, with assistance from SBCCOG staff, conduct one of the two training sessions targeting the larger commercial kitchen service providers on May 29, 2014. As a result of the training, SBCCOG Staff met with the General Manager of the Crowne Plaza Hotel and will be conducting an audit of their kitchen.

In addition, on May 27, 2014 Hawthorne Cable TV did a Cash for Kitchens Feature: Dino's Restaurant SBCCOG staff and West Basin Staff were interviewed about the program.

#### Rain Barrel

Staff completed 231 registrations for the Rain Barrel program during the month of May.

#### Car Wash

3 car wash companies were visited in May, resulting in 1 car wash committing to participate in the program. Staff has several leads that they are following up on targeting car washes that are close to local environmental events where the Center will be exhibiting information about water conservation programs.

### **Transportation**

#### Vanpool Program

Vanpooling was the topic at the May 15th lunch and learn meeting at Pacific Corporate Towers (PCT) in El Segundo. This meeting came about due to SBCCOG staff inviting Metro to participate in an Earth Day event at PCT in April. SBCCOG staff has begun canvassing local business parks (close to the SBCCOG/SBESC office) to invite HR and/or Transportation Directors to an informational meeting in June. SBCCOG staff has contacted 5 businesses and sent follow-up email correspondence.

## II. MARKETING, OUTREACH, & IMPLEMENTATION

### Workshops & Trainings

The following chart lists an overview of all workshops held in May 2014:

Event Date	Event Name	No. Attended/ No. of RSVPs	Marketing Info. (how did they hear about the workshop):	Staff Lead
5/3/14	West Basin's Rain Barrel Distribution Event	134/184 (290 rain barrels given away)	Flyer: 84 Email: 100	CPS
5/17/14	High Efficiency Toilet Exchange - Lomita	240/300 (toilets)	Combination of Email and Flyer	GFG
5/17/14	California Friendly Landscape Training, WBIC Exchange, Rain Barrel Giveaway - Topanga - E-BLASTS AND REGISTRATIONS ONLY	33/49 (73 rain barrels given away, 12 sprinkler controllers exchanged, 29 CFLT attendees)	Flyer: 30 Newspaper: 10 Email: 9	No staff
5/31/14	High Efficiency Toilet Exchange - Lennox	TBD/600 (toilets)	Combination of Email and Flyer	MS

### Outreach Events

In the month of May, SBCCOG staff: Exhibited at **13** community events, **1** employee event, and **1** business event. Calendar year-to-date (through May 31st): total staff outreach includes: **35** community events; **8** employee events; **2** business events; **9** presentations/workshops. These numbers don't reflect all of the commission and council meetings staff also attends as part of the outreach activities.

### Media

#### Earned Media Received in May

“Green Tip Archive” – Building Ordinary: A good world – May 27, 2014

“Green Tip” – Building Ordinary: A good world – May 20, 2014

“Green Tip” – Melinda’s #EcoMonday Roundup – May 5, 2014

“Green Tip” – Building Ordinary: A good world – May 5, 2014

### Social Media

As of May 29, 2014 social media follower base are as follows:

Facebook: 293 likes

Twitter: 245 followers

LinkedIn: 43 followers

### **Volunteer Program**

SBCCOG Staff recruited **1** new volunteer in May. The next volunteer field trip is scheduled for June 5 to the LAX Airfield with five volunteers signed up to attend.

Volunteer hours for the month of May 2014 are as follows:

- 198.5 hours
- Grand total as of 5/30/14 = 11,492.18 (Starting April 2008)