

South Bay Cities Council of Governments

May 12, 2014

TO: Steering Committee

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.

April was Earth Month causing a flurry of activity at the Center. The details are listed below in this report, but overall the SBCCOG outreach team of Marilyn, Martha, Justin, Grace, Astrid, and Chandler completed 41 events/presentations which included community, employee, business, neighborhood watch, and city commissions covering topics in energy efficiency, recycling, California Friendly Landscape, Water Reliability 2020, Cash for Kitchens, Home Depot Water Conservation Plant Sale, Business Briefing, etc. We want to acknowledge the team as well as the rest of the staff that supported their efforts – they did a great job!

I. PROGRAMS - TECHNOLOGY, PLANNING, & RESEARCH

Climate Action Planning

Energy Efficiency Climate Action Plans (EECAP)

The first deliverable for the EECAP project is an Assessment and Planning report for each city and the sub-region. This report will provide an overview of the work plan for each jurisdiction and drafts are anticipated to be completed in April and May. To inform the reports and kick off the project, SBCCOG staff and Atkins Consultants have been meeting with staff from each South Bay city. In April, SBCCOG staff met with the four remaining cities for kick-off meetings. Staff is also working with Atkins to collect activity data to update the greenhouse gas emissions inventories for each city. The updated inventories, forecasts, and reduction targets are anticipated to be completed in Summer 2014. SBCCOG staff and Atkins Consultants presented to the Carson and Rolling Hills Estates Environmental Commissions on April 2 and April 15, respectively. An EECAP Working Group meeting took place on April 16, where Atkins provided a report on the first deliverable and made a presentation on the water-energy nexus.

Climate Action Plan (CAP)

- Strategic Growth Council Application: SBCCOG and Metro staff spent April 10 in Sacramento, meeting with State agencies to discuss the SBCCOG's transportation and land use work and the application for Strategic Growth Council funds that was submitted in February 2014. The Strategic Growth Council is scheduled to approve the grant awards at its June 12, 2014 meeting.
- Solar Programs: Staff spoke with ICLEI staff to learn about their Solar Outreach Partnership (SolarOPs). The program is designed to help accelerate solar energy adoption on the local level by providing timely and actionable information to local governments. Funded by the U.S. Department of Energy (DOE) SunShot Initiative, SolarOPs achieves its goals through a mix of educational workshops, peer-to-peer sharing opportunities, research-based reports, and online resources. Staff is looking into potential opportunities to bring the available resources to the South Bay cities.
- Los Angeles Regional Collaborative for Climate Action & Sustainability (LARC): LARC is updating its governance policy that outlines the LARC structure and membership. Staff has been involved in providing input into and reviewing the draft governance policy.

Energy Efficiency

SCE Faith Based Direct Install

During the month of April, the Faith Based Direct Install program has been promoted via the SBESC E-news, the SBESC website, and at exhibit/events throughout the South Bay. The promotion also included a telephone call campaign by SBCCOG staff. Staff attended a Rotary Luncheon by invitation of the Palos Verdes Chamber of Commerce CEO where the program was further publicized. Inglewood Councilmember Ralph Franklin also distributed the Flyer to several organizations in the City of Inglewood and staff followed up with phone calls. City of Lawndale sent out the flyer to all of the churches in their city and staff is expecting interest calls to come in over the next few weeks.

As a result of this outreach, the following organizations have agreed to meet with the vendor (as of April 29):

- Chabad of Palos Verdes - Rancho Palos Verdes
- Christ Centered Apostolic church - Inglewood
- True Vine Baptist Church - Inglewood
- Congregational Ner Tamid - Rancho Palos Verdes

All four faith based entities above have decided to sign up with the program for a total estimated kWh of 42,449.49 of electricity savings.

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 April 2014:

City	Status	# of Buildings	kW Savings	kWh Savings
El Segundo	Waiting for audits to be completed.	3		
Hermosa Beach	Added 2 more buildings. Waiting for status from City.	9	27.54	118,192
Inglewood	Audits completed. City weighing benefit of DI vs ELP	10		
Palos Verdes Estates	City has authorization forms and waiting for signatures.	1		
Rancho Palos Verdes	City is going to participate. FCI and City scheduling meeting soon.	6		
Redondo Beach	Installation to begin next week.	12		
Carson	Installation completed	5	13.97	58,177
Torrance	Installation completed	13	40.6	172,408
Rolling Hills Estates	Installation completed	1	4	17,009
Hawthorne	Installation completed	5	26.72	113,796
Lawndale	Installation completed	3	3.24	13,546
Rolling Hills	Installation completed	1		4,186
Gardena	Installation completed	8		32,472
Manhattan Beach	Interested in LEDs - N/A	-		
Lomita	Buildings inspected and no opportunities identified	-		
Total		77	116.1	529,786
Total Upfront Project Cost Savings:		\$357,991		
Total Annual Energy Cost Savings:		\$96,661		

SCE Water Leak Detection Program

The water leak detection specialist has finished surveying for water leaks in Inglewood, Lomita, Manhattan Beach and El Segundo. Technical work on the project is being performed by Willdan Engineering and Water Systems Optimization (WSO) consulting firms to SBCCOG. Each agency receives a technical memo regarding the findings.

In Inglewood, the leaks detected and repaired will result in a potential of over \$73,143 per year in avoided annual purchases from WBMWD.

In Lomita, the leaks detected and repaired will result in a potential of over \$39,191 per year in avoided annual purchases from WBMWD. In addition in Lomita 1 customer leak was discovered, but this is excluded from WSO's calculation of real losses since the customer would presumably be billed for the consumption associated with the leak.

In Manhattan Beach, the best estimate of 25.81 AF in leakage loss savings potentially translates to \$29,860 per year of avoided annual purchases from WBMWD. Manhattan Beach has requested a quote from WSO to have their water lines surveyed for water leaks on an annual basis.

In El Segundo, no leaks were found although there was one customer with a front yard sprinkler leak which was reported for appropriate follow up. However, through this program, a faulty meter was discovered which is believed to be causing major inaccurate readings.

Each of the four agencies also received a pressure management technical memo based upon data retrieved from pressure loggers placed for 18-24 hours within each city's system.

In addition, the four agencies also have all received a technical memo regarding field work to validate System Input Volume (SIV), the total amount of water supplied into the distribution system. An accurate understanding of System Input Volume is critical in determining an accurate water loss volume. This report included a system Input Meter Accuracy Assessment.

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)

It's official! Lawndale and Manhattan Beach have reached the Platinum Level for Energy Leader Partnership Program. Platinum certificate presentations are scheduled for city council meetings on June 2 and June 17 respectively.

City of Gardena Energy Action Plan is going to their city council for approval on May 13. The plan has already received SCE approval. Gardena city staff has been working diligently on progressing in the ELP program to move from Valued to Silver and this action will help them obtain the next level.

Staff has also met with Rancho Palos Verdes to provide an update of our programs.

SCE Smart Phone Video – To help promote the value of the ELP and our partnership, SCE asked the SBCCOG to film a smart phone video. Jacki Bacharach and Marilyn Lyon completed the video, which we will share via our web site once it is finalized with SCE.

Enterprise Energy Management Information System (EEMIS)

EEMIS automates month-end utility billing and helps city staff identify potential energy projects. Currently, facility names in EEMIS are being updated to better reflect departmental structure based on adopted city budgets for each participating South Bay city. Worth noting, EEMIS reports are being used by some cities to determine fiscal year utility budgets. EEMIS will be fully functional in Q2 2014. The managed file transfer protocol (mFTP) has been finally corrected and electric data fully uploaded. Customized EEMIS trainings will be brought to each city in Q2 2014, and custom tailored to each city’s needs.

Beacon Award Champion

City	Resolution Passed	Completed On-Line Application	Participant Level Achieved	Spotlight Awards
Manhattan Beach	Yes	Yes	Yes	1. Energy Savings 2. Best Outreach Activities
Rolling Hills Estates	Yes	Yes	Yes	
Hermosa Beach	Yes	Yes	Yes	
Carson	Yes	Yes	Yes	
Lawndale	Yes	Yes	Yes	
Rancho Palos Verdes	Yes	Yes	Yes	
Torrance	Yes	Yes	Yes	
Gardena	5/13/14 City Council agenda			

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: 910 cards collected as of April 30, 2014

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

Status of goals: 27 presentations have been scheduled as of March 29, 2014. (Note: this goal is dependent upon West Basin’s availability)

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

Status of goals: 12 scheduled as of April 30, 2014.

Table Top: Staff coordinated and presented with Ron Wildermuth WR2020 Business Briefing with DoubleTree Hilton, Carson resulting in a letter of support and an offer to connect us with other South Bay hotel general managers. Staff is working with West Basin to set up a water recycling plan tour and table top presentation for 9 prominent South Bay hotel General Managers who indicated interest. Once conducted, this meeting will be counted towards the SBCCOG goals as 9 separate Table Top Business Briefings.

A WR2020 Business Briefing was also conducted with a Wells Fargo Regional Representative. A sample support letter was sent and staff is following up.

Staff is following up on other leads working with the City of Gardena staff to arrange a briefing for their Economic Development Commission. It is anticipated that this presentation will also result in individual Table Top Business Briefings from business owners that may be on the committee. This technique worked well with the Carson Economic Development Commission.

Presentations: Two presentations were given:

1. Rancho Palos Verdes Emergency Preparedness Commission – resulted in a request to conduct a technical presentation detailing where the water would come from in the event of a serious emergency on the Palos Verdes Peninsula. The presentation is scheduled for June 19.
2. Kathy Haynes, a SBCCOG volunteer, arranged for the Gardena Neighborhood Watch meeting at Kathy’s home. The Gardena Police, also in attendance, stated that it was their largest attended meeting to date. Many thanks to our Super Volunteer Kathy Haynes.

Cash for Kitchens

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

Status as of April 30, 2014: 25 audits completed.

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

Status as of April 30, 2014: 41 follow completed.

Activities for April included not only delivering flyers to the Torrance Chamber of Commerce, but staff contacting the following businesses:

- 1321 Downtown Taproom Bistro,
- Antigua Café,
- Black Angus,
- Black Bear Diner,
- Capriotti’s Sandwich Shop,
- My Fit Foods,
- Norms Restaurant,
- Buffalo Wild Wings,
- Di Roma Cucina,
- Gaetano’s Restaurant & Catering,
- That Greek Place,
- The RoadHouse Bar & Grill,
- Ortega 120,
- Red Car Brewery & Restaurant,
- The San Franciscan Restaurant,
- Tony Roma’s / Capricciosa Italian

In addition, West Basin, with assistance from SBCCOG staff, will conduct two training sessions targeting the larger commercial kitchen service providers. SBCCOG Staff met with the General Manager of the Crowne Plaza Hotel and as a result the first training will be scheduled in May.

Rain Barrel

Staff completed 129 registrations for the Rain Barrel program during the month of April.

Integrated Regional Water Management Program (IRWMP)

IRWMP South Bay Steering Committee meeting was held as part of a workshop in April. Cities and organizations within the South Bay were invited to present projects that were then rank ordered based on Benefit Cost Ratio (total grant request) and presented to the April Leadership Committee meeting. City of Inglewood and City of Torrance had projects in the top-4 ranked projects.

- City of Inglewood – Project: Well No 2
- City of Torrance – Project: Goldsworthy Groundwater Desalter Expansion

Next steps: The Leadership Committee met April 23rd to review projects and assemble the final suite of projects. Once the final projects have been identified, the application process will begin.

Transportation

Vanpool Program

SBCCOG staff invited Valerie Rader from Metro to participate at an Earth Day event in El Segundo at Pacific Corporate Towers (PCT). This event was identified as having high vanpool formation potential. As a result of Valerie attending, vanpool will be the topic at one of the upcoming tenant lunch and learn meetings.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops & Trainings

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

Event Date	Event Name	No. Attended/ No. of RSVPs	Marketing Info. (how did they hear about the workshop):	Staff Lead
4/5/14	California Friendly Landscape Training - City of Culver City - E-Blasts and Registrations Only	40/36	Flyer: 20 Email: 20	No Staff
4/18/14	Basic HVAC seminar (SCE seminar)	20/20	SBESC Website	ML
4/26/14	California Friendly Landscape Training, WBIC Exchange, Rain Barrel Giveaway - City of Malibu – E-blasts and Registrations Only	72/105	Flyer: 30 Newspaper: 30 Email: 12	No staff
4/26/14	High Efficiency Toilet Exchange - Hawthorne	125	Email: 75 Flyer: 50	MS

Outreach Events

In the month of April, SBCCOG staff:

- Exhibited at **10** community events, **6** employee events, & **1** business event
- SBCCOG/SBESC gave **2** Energy/Water Efficiency presentations (1 at Gardena Neighborhood Watch meeting – Wilkie Ave and 1 at Gardena Neighborhood Watch meeting – Purche Ave).

Special Invite - Congresswoman Waters 2nd Annual Women in Business Roundtable and Expo

Congresswoman Maxine Waters District Director invited SBCCOG staff to attend the Congresswoman's Second Annual Women in Business Roundtable and Expo. At the event, staff was able to promote Cash for Kitchens, the new Faith Based Direct Install program as well as promote all our partner business related programs to over 275 business women. The Congresswoman invited staff to the podium to speak to the group about SBESC programs and through this exposure, we obtained two leads for WR2020 presentations.

Business Trainings

SBCCOG hosted a SCE "Basic HVAC" training for businesses; SBCCOG/SBESC provided an overview; **20** attended the class. The SCE representative has requested future collaborative opportunities with the SBCCOG/SBESC and will be sending a list of dates for potential workshops to be held at the SBESC.

Media

Earned Media Received in April

"Planet Stewardship" – Palos Verdes Peninsula News – April 16, 2014

"Every drop counts in water conservation" – Palos Verdes Peninsula News – April 10, 2014

"Events: Earth Day" – Palos Verdes Peninsula News – April 17, 2014

"Beach Business" – Redondo Beach Business & Community News – April 2014

Paid Media:

"It's Time to Make Every Day Earth Day" – Daily Breeze – April 17, 2014

Social Media

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

Facebook: 290 likes

Twitter: 241 followers

LinkedIn: 42 followers

Volunteer Program

Volunteers

SBCCOG Staff recruited 4 new volunteers in April. The next volunteer field trip is scheduled for June 5 to the LAX Airfield.

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

- 248.75 hours
- Grand total as of 4/30/14 = 11,293.68 (Starting April 2008)

Energy Interns

SBCCOG staff is providing the opportunity for approximately 1 to 2 energy interns to engage in real-world projects. Two main projects currently underway that energy interns are working on include: 1) applying EEMIS in informing city budgets, and 2) developing a framework for a regional revolving energy fund.

III. SPECIAL PROJECTS/INITIATIVES

City Specific Invoices

SBCCOG staff collected and tabulated detailed information on the achievements obtained over the last year that benefited our member cities individually as well as the South Bay as a whole. This information was distributed to our members in the annual dues invoices.

E-mail Address Change

Please note: that the e-mail addresses have changed for the SBCCOG staff. The @sbesc has been replaced with **@southbaycities.org**. Currently, the transition is in the testing phase and notification will be sent out to all contacts in the next few weeks. You should start using the @southbaycities.org e-mail now.