

South Bay Cities Council of Governments

September 12, 2016

TO: SBCCOG 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.

I. PROGRAMS - TECHNOLOGY, PLANNING, & RESEARCH

Climate Action Planning

Strategic Growth Council (SGC) Grant

There are five measure development components of the SGC grant – Land use, transportation, waste, greening, and energy generation/storage.

Land use and transportation (under the direction of Wally Siembab):

SBCCOG consultants calculated remaining emission deficits for the 15 cities. Staff is currently preparing for an upcoming meeting with Strategic Growth Council staff. At this meeting, the SBCCOG will have an opportunity to showcase the work being done on the land use and transportation measures for both city and subregional climate action plans. This work builds off of the studies that the SBCCOG has previously completed. Staff also met with contractors to review trip matrix methodology and started planning for meetings with cities to discuss strategies. Work has also begun on developing the CAPCOA/TOD narrative that will serve as a chapter in the CAP.

Energy Generation and Storage Chapter: The Energy Generation and Storage strategies were presented to the cities on August 24, 2016. Six cities have approved the strategies. Of those six cities, at least two will still have to receive formal approval from their commissions or committees. The SBCCOG will continue to work with cities on finalizing approval for strategies. The next step is to begin preparing a draft chapter to be incorporated into the finalized CAP.

Waste and Greening: The SBCCOG staff has completed calculations for the emissions reductions of the solid waste and greening measures for each city. The spreadsheets with the calculations have been sent out to each city for sign-off which will later be included in their final Climate Action Plan. The SBCCOG staff has met with a few cities to discuss any edits needed to be made to the strategies. Five cities have signed-off to date.

Energy Efficiency

Energy Leader Partnership (ELP)

2016 Goal: 1,511,338 kWh

2016 Status: Completed 520,757 kWh (34.5% of goal)

2016 paid out incentives to cities: \$79,225

PIPELINE TOTALS	Estimated kWh savings	Estimated Therm Savings	Estimated Incentive (\$)
	5,346,172	18,075	\$1,232,029

To help the SBCCOG continue to identify projects that qualify for incentives, staff continues to ask that elected officials request that their staff let the SBCCOG know about current and future projects in your city. New chart below:

City	Current Tier Level	Energy Efficiency Measures (EEMs)	Estimated kWh savings	Estimated Therm Savings	Estimated Incentive (\$)
Carson	Gold	Exterior & Interior Lighting Pool Boiler Water Heater Variable Frequency Drive (VFD)	28,578	7,040	\$13,185
		Exterior Lighting	96,907	n/a	\$17,907
		Pool Pump VFD	51,758	n/a	\$11,646
		Exterior & Interior Lighting	688,002	n/a	\$108,758
		LED Lighting	669,602	n/a	\$133,920
Gardena	Silver	LED Lighting	52,429	n/a	\$8,913
		Exterior & Interior Lighting	78,125	n/a	\$13,281
		Exterior & Interior Lighting	284,534	n/a	\$24,626
Hawthorne	Gold	Police Department	87,058	n/a	\$19,537
Hermosa Beach	Silver	Exterior & Interior Lighting	320,676	n/a	\$45,323
		Pier	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
		Pump VFD	54,812	n/a	\$10,281
		T8 Relamp	31,240	n/a	\$9,060
		LED Lighting	111,190	n/a	\$23,906
		Well Pump 6	118,140	n/a	\$21,854
		Chiller VFD/HVAC Controls	291,870	11,035	\$23,906

City	Current Tier Level	Energy Efficiency Measures (EEMs)	Estimated kWh savings	Estimated Therm Savings	Estimated Incentive (\$)
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	Silver	LED Lighting	120,916	n/a	\$18,230
Torrance	Gold	LED Lighting	837,954	n/a	\$164,370
		Interior LED Lighting	26,718	n/a	\$10,482
		VFD Pump Motor	172,003	n/a	\$29,240
		Exterior & Interior LED Lighting	125,300	n/a	\$21,301

EEMIS

Cities have mentioned that a more user friendly and visually appealing interface option to EEMIS is needed. SBCCOG staff is working on researching Green Button data to assess the potential of piloting an alternative to EEMIS. SCE has also recommended for the SBCCOG to investigate the Green Button vendors as an alternative to EEMIS.

POTENTIAL CEC GRANT

SBCCOG staff is also working on leveraging California Energy Commission (CEC) funding through an Emerging Energy Efficient Technology Grant ranging from \$2.5 to \$5 million award with application due by October 25, 2016. This funding came about from the Aliso Canyon natural gas storage incident and focuses on funding demonstration and market deployment of innovative, **pre-commercial** energy efficiency technologies in existing buildings. This CEC solicitation includes government buildings as one of the funding groups available for an award. The SBCCOG member cities building portfolio meets the minimum project requirements. The SBCCOG is potentially partnering with Chai Energy who has a pre-commercial technology to address demand response. Chai Energy currently has a residential application on the market to address energy management and demand response in homes. This pre-commercial platform through Chai Energy would be built out to accommodate public agencies under this CEC funding opportunity to address demand response. Lastly, there is a 25% match funding component and Chai may be willing to cover most of the requirement. SBCCOG potentially could cover about 25% with staff time as the Local Government Partnership funding is able to be used as match since this grant addresses energy efficiency and demand response implementation.

Energy Efficiency Partnership – Southern California Gas Company (SCG)

2016 Goal: 10,000 therms

2016 Status: 14,367 therms (143% therm goal)

Agency	Energy Efficiency Project	Therm Savings	Incentive	Year	Status
Miraleste Intermediate School (PVUSD)	Pool Cover	6,333	\$7,745	2015	Closed in 2016
City of Lawndale	Boiler Replacement	218	\$109	2015	Closed in 2016
Torrance USD	New Pool, Pool heater maybe pool cover	In planning	TBD	2016	active
City of Hawthorne	Chiller Controls upgrade at memorial center	In planning	TBD	2016	active
Torrance USD	2 condensing boilers	5,648	\$3,400	2016	active
City of Carson	Boiler Replacement	2,700	TBD	2016	active
Inglewood USD	Pool Heater	TBD	TBD	2016	active
Wiseburn USD	New high school with two new meters	TBD	TBD	2016	active
Manhattan Beach USD	Pool Cover	4,500	\$4,500	2016	active
City of Carson	pool cover - Hemingway Aquatic Center	3,375	\$3,375	2016	In Process
Marymount California University	Solar Thermal Heating	TBD	TBD	2016	Planning
City of Carson	Tankless Water Heater Replacement	965	\$456	TBD	TBD
	Total Therms Identified	22,800			

CA Public Utilities (CPUC) Rolling Portfolio Proceeding

SBCCOG staff continues to monitor the CA Energy Efficiency Coordinating Committee (CAEECC) which serves as an information collection committee to assist with “business plans” that will be used to guide the energy programs that SCE and SCG will prepare by January 2017. The next CAEECC meeting will be held in San Diego on September 21, 2016.

HERO

The spreadsheet below covers the activity from each jurisdictions' launch date through July 31, 2016

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 Reduce (Tons)
									Energy	Water	Renewable			
Carson	5/23/14	21,374	1,209	791	\$51,140,756	435	\$11,220,358	95	737	43	124	282	2,713,218	670
El Segundo	5/23/14	4,209	36	29	\$4,803,290	15	\$442,168	4	14	5	6	12	87,331	21
Gardena	5/23/14	12,360	439	301	\$19,054,341	145	\$3,327,461	28	213	11	18	35	619,125	150
Hawthorne	5/23/14	11,621	336	243	\$17,708,212	123	\$2,878,449	24	184	5	22	42	596,013	146
Hermosa Beach	5/23/14	6,473	38	29	\$6,175,011	12	\$274,823	2	13	2	6	15	57,919	16
Inglewood	5/23/14	19,038	871	589	\$36,901,224	319	\$8,198,503	70	522	33	32	72	1,428,118	348
Lawndale	5/23/14	5,262	85	58	\$3,849,982	26	\$425,643	4	36	0	4	11	114,009	29
Lomita	5/23/14	4,606	74	62	\$5,799,977	31	\$687,827	6	46	4	10	32	231,824	58
Manhattan Beach	5/25/15	12,403	57	50	\$11,282,825	22	\$584,353	5	30	0	8	35	266,074	64
Palos Verdes Estates	5/28/15	5,115	21	20	\$4,277,846	8	\$348,471	3	11	4	2	7	62,261	15
Rancho Palos Verdes	5/23/14	14,759	153	133	\$21,287,342	58	\$1,407,779	12	84	6	12	35	441,062	105
Redondo Beach	3/24/15	20,292	131	107	\$14,151,751	53	\$994,354	8	73	2	14	30	289,139	72
Rolling Hills	5/23/14	698	4	4	\$1,131,678	2	\$119,637	1	2	0	0	0	995	0
Rolling Hills Estates	5/23/14	3,090	33	29	\$5,252,704	17	\$556,400	5	24	1	6	20	152,922	38
Torrance	5/23/14	37,899	519	431	\$45,000,372	228	\$5,134,426	44	314	18	66	164	1,331,165	331
Total		179,199	4006	2876	\$ 247,817,310	1494	\$ 36,600,652	311	2303	134	330	793	8,391,176	2062

*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.

Solar

SBCCOG is working with HERO to create a South Bay Cities/HERO Renewable South Bay outreach program. HERO has committed to sponsoring this program for the first six months (\$10,500) and will review progress mid-year 2017 to determine continuation of funding for another six months (\$10,500). This is a pilot program with the intention of using the South Bay as a model. The intent is for SBCCOG and HERO to partner and establish a Renewable South Bay outreach program to encourage broader adoption of solar by homeowners and “streamlined solar” permitting processes within 16 jurisdictions.

The SBCCOG has also submitted a funding application to ICMA/Solsmart and is waiting on a decision. According to ICMA, there has been a delay due in reviewing applications taking longer than expected.

Energy Upgrade California Community Outreach Ambassador

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

Status of goals: 6 outreach events have been completed (2 events are scheduled in October); 7 presentations have been completed (Goal Met)

Green Building Challenge

Contract goals: 170 - 270 participants by August 2016

Status of Goal: 172 participants enrolled in the South Bay Cities Green Building Challenge (Goal Met)

The competition period of the Green Building Challenge concluded on August 31 with 172 businesses participating. In August, 8 new businesses enrolled in the Challenge helping to achieve the 172 total. In addition, 11 business outreach meetings were held. SBCCOG staff participated in business outreach walks with Hawthorne Councilmember Olivia Valentine on August 11th and Lawndale Councilmember Jim Osborne on August 13th.

All participants will be recognized and special awards will be presented at the Green Building Challenge Recognition Breakfast on **Thursday, September 28th from 7:30-9:30 am at the Automobile Driving Museum in El Segundo**. All elected officials are invited and encouraged to attend. Confirmed speakers include El Segundo Mayor Suzanne Fuentes and Rolling Hills Estates Councilmember Judith Mitchell who will be representing the California Air Resources Board and AQMD Board. Assemblymember Mike Gipson has also confirmed his attendance.

Staff is continuing to engage participants and the SBCCOG's on-staff Certified Energy Manager will be coordinating the technical piece for the Green Building Challenge's Level 1 energy audits and benchmarking of buildings. To support this work, SBCCOG staff is gathering the preliminary energy data needed to complete the Level 1 audits. Two appointments have been scheduled.

Green Building Challenge participants are being invited to a free workshop for businesses hosted by the SBCCOG along with The Energy Network on **Wednesday, October 26th** from 8:30 am-1:30 pm at the Doubletree Hotel in Torrance – ***“Building Economic Resilience: Removing the Financing Barriers to Your Energy Efficiency, Water, and Solar Upgrades”***.

A front page article about the GBC appeared in the Manhattan Beach Sun newspaper on August 4th. The GBC program newsletter was sent twice in August. Final standings of participants by city: Torrance (34), Lawndale (25), Redondo Beach (16), Gardena (15), El Segundo (15), Carson (11), Hawthorne (14), Inglewood (8), Manhattan Beach (7), Rancho Palos Verdes (6), Palos Verdes Estates (6), 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 through Aug. 31.

- Water Reliability Support Cards – contract goal: 427 – 11 cards were collected in August; total of 439 cards collected for contract year (Goal Met)
- Water Reliability Presentations – contract goal: 30; 30 conducted (Goal Met)
- Smart Controller Exchange Events – contract goal: 3; contract status: 3 have been completed
- Rain Barrel – 5 rain barrel events have taken place (Goal Met)
- Water Harvest – 1 in October 2015; event completed (Goal Met)

Water Reliability (WR) (West Basin)

Per West Basin, Civic Groups and Community Leaders now count toward business briefings contract goal. Contract goal: Up to 20 tabletop WR business briefings to be scheduled (Goal Met)

Status of goals: 18/20 have been scheduled as of August 31.

Cash for Kitchens (West Basin)

Contract goals: 40 kitchen audits to be completed by Aug 31, 2016 (Goals Met)

Status as of August 31, 2016: 40 audits completed

Contract goals: 50 follow up visits at 50 previously audited sites (Goal Met)

Status as of August 31, 2016: 50 follow up visits completed

Activities for August included SBCCOG staff contacting the following businesses: First Class Foods (Hawthorne), B&R Burgers (Hawthorne), Le Pain Du Jour Bakery (Hawthorne), Charly's Restaurant (Inglewood), La Ventanita (Lennox), Los Chilaquiles Mexican Grill (Torrance), Poke Bar (Torrance), Curry House (Torrance), Tilly's Tacos (Gardena), Kula Sushi (Gardena), Olive Garden (Carson), Cajun Caleb (Carson) and Hiccups (Carson)

Contract goals: 2 training sessions to be completed by August 31, 2016 (Goal Met)

Status as of August 31, 2016: 2 training sessions completed

California Friendly Landscape Training (CFLT) (West Basin)

Contract goal: minimum of 6; maximum of 12 (Goal Met)

Status of goal: 8 completed. Per West Basin, 5 greywater classes will be offered and will count toward the CFLT contract goal. Four have been held; one additional workshop has been scheduled: 9/10 in Hawthorne which will be counted in new program year goals as this year's goals have been exceeded.

SBCCOG staff translated CFLT flyer into Spanish

Lunch & Learn Workshops (West Basin)

Contract goal: 2 workshops – goal dependent on West Basin scheduling workshops

Status of goal: 2 workshops; contract status: 2 Smart Controller Exchange Events will take the place of the Lunch & Learn Workshops (see above); 1 has been completed; one has been scheduled for 9/10 in Redondo Beach (rescheduled from 8/27)

Metropolitan Water District (MWD) Caucus Meeting

The August meeting included an update on Metropolitan Water District's recently approved conservation programs. MWD will continue some current programs such as the regional program SoCalWaterSmart, turf removal waiting list, water savings incentive program, residential landscape classes, and landscape audits. Some proposed new or updated programs include rain capture cisterns rebates, public agency landscape incentive program, multi-family residential sub-metering, landscape training for professional landscapers, and residential landscape design assistance.

IRWMP South Bay Steering Committee Meeting

The August meeting included presentations of three projects to be approved by the committee. The projects included MacArthur Park and South LA Green Alleys from the City of LA and Darby Park and Transfer Station from City of Inglewood. There was also an update about the Disadvantaged Community Involvement Process and a discussion about the Water Management Area Representative Nominations for the Leadership Committee.

Sanitation Districts

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

Status of goal: 4 have been completed; 1 has been scheduled for 9/1.

Los Angeles Department of Water and Power (LADWP) Contract year is April 1, 2016-March 31, 2017
Contract goals: Exhibit at 6-10 targeted special events (fairs, seasonal exhibits, neighborhood council meetings, farmers' markets)

Status: 4 exhibits have been completed;

In August, SBCCOG staff exhibited and presented information on LADWP programs at the Wilmington Senior Center. In addition, staff spoke and provided information at the August meeting of the Harbor City Neighborhood Council. Two additional opportunities have been scheduled for the Harbor Gateway South Neighborhood Council meeting (9/8) and Coastal San Pedro Neighborhood Council meeting (9/19).

Contract goal: Provide 1 training session on residential LADWP programs and services (i.e. Neighborhood Councils)

Status: to be scheduled

Contract goal: Train SBCCOG Volunteers on LADWP programs (Goal Met)

Status: completed on 6/9/16

Contract goal: Target 3-5 commercial kitchens for water assessments and conservation training

Status: waiting for LADWP's re-evaluation of how they want SBCCOG to accomplish this goal

Home Upgrade

Contract goal: 8-10 community events

Status: 1 attended in August (8/20 in Inglewood); 4 more scheduled (9/17 – Inglewood; 9/20 – Torrance; 9/24 – Lawndale; 10/28 – Palos Verdes Estates); potential activities to attend include Tree Lighting Ceremonies

Contract goal: 2-4 workshops/presentations

Status: 2 scheduled (9/17 – Inglewood; 9/29 – Manhattan Beach)

Highlight: as a result of attending a Block Club Summer Party in August, SBCCOG staff has been invited to present at the December Block Club meeting; date TBD

Commercial PACE/Financing Workshop

SBCCOG staff has been working with BKi staff to develop a workshop for businesses and commercial properties targeting the Green Building Challenge participants. The date is October 26, 2016 at the DoubleTree in Torrance. The title of the workshop is ***Building Economic Resilience: Removing the Financing Barriers to Your Energy Efficiency, Water, and Solar Upgrades***

SCE Workshops – The SBCCOG hosted a Basic HVAC SCE seminar on August 26, 2016. Thirty people registered, three wait-listed and twenty-four attended.

Transportation

Vanpool Program Contract period Feb. 16, 2016 – October 31, 2018

Contract goal: 72 outreach events

Status of Goal: 65 outreach events

Contract goal: 18 information/formation meetings

Status of Goal: 4 information/formation meetings

In August, collateral material was distributed at eight SBCCOG outreach events. A targeted outreach campaign (through the program's "Transportation Module") was directed to participants of the SBCCOG's

Green Building Challenge – companies could gain points for their organization through calling to inquire and schedule a “Lunch and Learn” presentation about the Vanpool program. As of this date, no inquiries have been made. SBCCOG staff continued to work with Metro to support Harbor UCLA’s efforts for vanpool formation efforts. Additionally, SBCCOG staff continues their efforts to work with the Human Resource Director at the Terranea Resort to facilitate a parking mitigation strategy that will include a combination of vanpool and carpool options for employees.

Metro ExpressLanes (MEL) Contract period Aug. 1, 2015 – Jul. 31, 2016

Contract goal: 30 outreach events

Status of goal: 99 community events

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

Status of goal: 11 presentations

In August, eight SBESC e-newsletter articles were sent. SBCCOG also sent multiple invitations and notices to Metro staff about future South Bay MEL events that would be of value – including Fiesta Hermosa 2016 Labor Day event in Hermosa Beach.

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). Outreach to the California Apartment Association, local EVCS advocates, and SBCCOG contacts continued to secure opportunities to promote, distribute, and interact with MUD owners as part of Task 3. A survey was distributed to property owners in attendance at the annual financial meeting of a large HOA (located in Torrance); 26 surveys were collected. On-line surveys were distributed through the South Bay Apartment Association trade organization to 3,000 targeted MUD Owners and property managers. Participation at the Associations Annual Trade Show (September 15th) was confirmed for the purposes of promoting the project and distributing surveys (face-to-face). Revisions and updates to the municipal EVCS readiness survey for South Bay Cities continued with planned outreach to Cities expected to begin in early September 2016.

Travel Pal – Smart Mobility Tool Contract period Aug. 1, 2016 – Aug. 31, 2017

The Travel Pal officially launched on May 16th. From the date of the site’s launch through August 31st, 230 individuals had registered as Travel Pal members with 479 individuals having had at least 1 session (time spent on the site). A total of 876 sessions (time spent on the site) have occurred with each session lasting an average of 6 minutes per user. Follow-on promotion and messaging of the program continues through the SBESC e-newsletter, SBCCOG printed quarterly newsletter, embedded links, text, content and outreach materials on the SBCCOG and SBESC web sites, and through direct registration at SBESC outreach events. Working with the SBCCOG’s Green Building Challenge, a targeted outreach campaign (through the program’s “Transportation Module”) was directed to participants. Participating companies could gain points for their organization through registering as new Travel Pal members and/or calling to learn more about how the platform could be used within their company. Travel Pal outreach and follow-up continues with the Forum, StubHub Center, Beach Cities Blue Zone and targeted South Bay Cities. The first Travel Pal event demonstration was planned and conducted with the City of Hermosa Beach and Hermosa Beach Chamber of Commerce Fiesta Committee for their Labor Day Fiesta Hermosa Event. Travel Pal was used to promote alternative travel options as well as assist and direct guests with off-site parking and the event’s Bicycle Valet Parking option.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings & Exchanges

The following chart lists an overview of all workshops held in August 2016:

Event Date	Event Name	No. Attended/ No. of RSVPs	Marketing Info. (how did they hear about the workshop):	Staff Lead
8/20/16	Greywater Workshop	32/79	Email: 41 Flyer: 7 Friend or Family: 4 Local Publication: 5 Social Media: 4 Website: 11 Other: 8	JZL
8/25/16	California Friendly Landscape Workshop – Carson	22/43	Email: 30 Flyer: 5 Friend or Family: 1 Social Media: 2 Website: 4 Other: 1	ML
8/26/16	Basic HVAC Seminar – SCE	24	N/A	ML

Outreach Events

SBCCOG staff conducted the following in August:

- **6** community events
 - Scheduled to attend 9 community events in September
- **3** presentations/workshops (includes SBCCOG overview)
 - Scheduled to give 6 presentations in September
- **3** overview of SBCCOG/Water Reliability business briefings or group presentations
 - Scheduled to give 1 SBCCOG overviews at Water Reliability group presentations in September
- Calendar year-to-date through July 2016:
 - 43** - community events
 - 2** – Business events
 - 6** – Employee events
 - 23** – Business / business card / business briefing or group presentation events
 - 19** – presentations / workshops

Kiosk - Peninsula

Partner program and Volunteer program information were highlighted throughout the month including information for the following: Energy Efficiency, Energy Upgrade California®, Weather Based Irrigation Controller Exchanges, California Friendly Landscape training workshops, SoCalGas Energy Efficiency Starter Kit, West Basin Water Education & Water Recycling Tours, SBCCOG Summer Baywatch publication, PATH, Travel Pal, Vanpool and Express Lane, Sanitation Districts Joint Water Pollution Control Plant Tour August 6 flyers, and HVAC Workshop August 26 flyers.

Media

SBCCOG Green Building Challenge makes front page news again. The August 4 edition of the Manhattan Beach Sun carried front story.

Press Releases/Press Interviews/Articles

Travel Pal article sent to Hermosa Beach for inclusion in September 2016 edition of e-newsletter

Earned Print Media

"South Bay Companies Take the Green Building Challenge, "Manhattan Beach Sun," 2016

Earned Social Media

"West Basin Offers Water Tours," Nextdoor, August 10, 2016

Social Media

As of August 31, 2016 social media following is as follows:

Twitter: 429 followers, 2,301 impressions*

Facebook: 524 likes, 350 impressions

LinkedIn: 99 followers, 782 impressions

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

Top Tweet earned 322 impressions

Rinse and break up your egg shells before
adding them to your #compost pile...
ow.ly/3ERE302OzbZ #greentip
#EcoMonday

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Volunteer Program

Volunteer hours for the month of August 2016 are as follows:

- 125.00 hours – Grand total as of 8/31/16 = 16,190.43 (Starting April 2008)

On August 24th, SBCCOG outreach staff and volunteers attended the Home Upgrade Training. On August 31st, SBCCOG staff and volunteers went on a field trip to the LA Fleet Week VIP Ship tour.

Holiday Light Exchange

The Holiday Light Exchange for 2016 will be held November 9 and 10. Sponsorships as of August 31 include Energy Upgrade California®, Chevron, South Bay Association of REALTORS®, Athens Services, Continental Development Corporation, GSE Solutions, and Susan Jones 3 Leaf Realty. Walser's of Torrance has once again agreed to recycle the old wiring and incandescent holiday lights turned in.

SCE Grants \$10,000 Sponsorship to SBCCOG

The SBCCOG in collaboration with SCE will coordinate a Community Education & Outreach Open House on September 24 from 9am to 3pm at the Hermosa Beach City Council Chambers. The purpose is for SCE to provide helpful and clear information to all South Bay SCE customers about energy efficiency; rates; outage procedures; claims; and infrastructure and maintenance upgrades and to bring awareness of SCE's efforts in distributed energy resources including renewable energy, rooftop solar for customers, and battery storage.