

# South Bay Cities Council of Governments

October 25, 2018

TO: SBCCOG Board of Directors

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

SUBJECT: Environmental Activities Report – September 2018

## 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

### **Energy Efficiency**

Energy Efficiency Partnership Program – Southern California Edison (SCE)

**2018 Energy Saving Goal:** 1,245,812 kWh **2018 Status:** 1,674,798 kWh **GOAL EXCEEDED:** by 134.4%

**2018 Demand Reduction Goal:** 43.21 kW **2018 Status:** 89 kW **GOAL EXCEEDED:** by 205.6%

**Energy Leader Partnership** – Congratulations are in order for several cities who received Beacon Awards due to their efforts in implementing energy efficiency and sustainability projects:

- **Carson** – Silver Award for reducing 17% Community Greenhouse Gas and 26% Agency Greenhouse Gas as well as 9% Energy Savings. They also received a Silver Spotlight Award in Sustainability Best Practices.
- **Hawthorne** – Gold Spotlight Award for Agency Greenhouse Gas Reduction and a Silver Spotlight Award for Sustainability Best Practices.
- **Hermosa Beach** – Platinum Spotlight Award for Agency Energy Savings and a Gold Spotlight Award for Sustainability Best Practices.
- **Inglewood** – Gold Spotlight Award for Agency Energy Savings and a Silver Spotlight Award for Sustainability Best Practices.
- **Rancho Palos Verdes** – Silver Spotlight Award for Community Greenhouse Gas Reductions, a Gold Spotlight Award for Agency Energy Savings, and a Silver Spotlight Award for Sustainability Best Practices.
- **Rolling Hills Estates** – Gold Spotlight Award for Sustainability Best Practices.

SBCCOG staff assisted these cities in many of the efforts required to achieve these awards as well as completing applications.

The SBCCOG energy engineer and city staff have been actively identifying energy efficiency projects and preparing incentive and rebate applications. As measures and rebates often expire with little notice, it is important to keep moving forward with city projects during this calendar year. In addition, as the environment for energy efficiency is changing it is unclear if incentive and rebates will be available to local governments in 2019 and beyond.

SBCCOG staff has been working with other partnerships, utility partners, and other agencies to try and secure future funding for incentive/rebates for local governments. Staff has also been looking into other avenues of

future funding. Staff has coordinated several meetings for early October to meet with third parties for future collaboration and funding.

The South Bay has a robust “pipeline” of projects specific to electricity (listed below). Note: if projects are in progress and are scheduled to be completed in 2019, Edison is committed to complete their funding obligations as long as the city also meets all of their project requirements. (Also, listed in the chart is each city’s Energy Leader Partnership (ELP) program status.)

| City                 | Current ELP Tier Level | Energy Efficiency Measures (EEMs)       | Estimated Completion Date | Estimated kWh savings | Estimated Incentive (\$) |
|----------------------|------------------------|---|---------------------------|-----------------------|--------------------------|
| Carson               | Gold                   | Pool Pump VFD                           | Q3/18                     | 51,758                | \$11,646                 |
|                      |                        | LED Streetlights                        | Q3/18                     | 588,596               | \$234,752                |
|                      |                        | LED Sports Lighters                     | Q2/19                     | 733,452               | \$124,687                |
| El Segundo           | Gold                   | Exterior LED Lighting                   | Q2/19                     | 184,396               | \$31,347                 |
| Gardena              | Gold                   | Exterior & Interior Lighting            | Q2/19                     | 78,125                | \$13,281                 |
|                      |                        | Exterior & Interior Lighting            | Q2/19                     | 284,534               | \$24,626                 |
| Hawthorne            | Platinum               | Exterior LED Lighting                   | Q2/19                     | 194,254               | \$38,851                 |
| Hermosa Beach        | Platinum               | Exterior LED Lighting                   | Q4/18                     | 29,574                | \$5,915                  |
|                      |                        | LS-1 LED Streetlights                   | Q4/18                     | 212,423               | \$100,000                |
| Inglewood            | Platinum               | Chiller VFD/HVAC Controls               | Q1/19                     | 238,000               | \$63,645                 |
|                      |                        | Exterior LED Lighting                   | Q2/19                     | 477,067               | \$81,101                 |
|                      |                        | Elevator Motor-Generator Set            | Q3/18                     | 121,900               | \$29,007                 |
| Manhattan Beach      | Platinum               | LED Sports Lighters                     | Q2/19                     | 305,597               | \$61,119                 |
|                      |                        | Street lights (LS-1 to LS-2 conversion) | Q4/19                     | 517,922               | \$103,584                |
|                      |                        | Exterior LED Lighting                   | Q4/18                     | 55,305                | \$13,890                 |
| Palos Verdes Estates | Platinum               | LED Lighting                            | Q2/19                     | 33,739                | \$7,240                  |
| Rancho Palos Verdes  | Platinum               | LED LS-1 to LS-2 Conversion             | Q4/19                     | 557,976               | \$240,992                |
| Redondo Beach        | Gold                   | Exterior LED Lighting                   | Q2/19                     | 381,513               | \$64,857                 |
|                      |                        | LED Lighting                            | Q1/19                     | 42,311                | \$7,193                  |
| Rolling Hills        | Gold                   | LED Lighting                            | Q4/18                     | 9,000                 | N/A                      |
| Torrance             | Gold                   | Exterior LED Lighting                   | Q2/19                     | 841,894               | \$143,122                |
|                      |                        | LS-1 LED Streetlights                   | Q4/18                     | 3,679,729             | \$933,037                |
|                      |                        | Interior LED Lighting                   | Q2/19                     | 837,954               | N/A                      |
|                      |                        | VFD & Pump Motor                        | Q4/18                     | 172,003               | \$29,240                 |
|                      |                        | Interior LED Lighting                   | Q4/18                     | 16,741                | N/A                      |
| <b>Total</b>         |                        |   |                           | <b>10,005,409</b>     | <b>\$2,116,734</b>       |

**Energy Efficiency Partnership Program – Southern California Gas Company (SCG)**

**2018 Goal:** 10,000 therms **2018 Status:** 16,656 therms in pipeline awaiting SCG approval

| <i>Agency</i>     | <i>Project</i>              | <i>Therm Savings</i> | <i>Incentive</i> |
|-------------------|-----------------------------|----------------------|------------------|
| City of Inglewood | Replace 3 x boilers         | 10,800               | \$10,800         |
| City of Carson    | Hemingway Park pool heaters | 5,856                | \$5,856          |
| LAUSD             | Pressureless steamers       | TBD                  | TBD              |
| Torrance USD      | Pool heaters                | TBD                  | TBD              |
| <b>Total</b>      |                             | <b>16,656</b>        | <b>\$16,656</b>  |

Energy Management Information – SBCCOG staff presented “Tools and Processes for Collecting and Analyzing Energy Use Data” to the Energy Management Working Group in September as part of the SCG/SCE Strategic Plan Fund Project. The presentation included a comparison of vendors that provide energy management services. City staff suggested adding one more vendor to the mix and wanted the SBCCOG to select the top three vendors who will be invited back in October to present to the group. The value of benchmarking facilities was also discussed and a number of cities expressed interest. This work would also be part of the Strategic Plan Fund Project. Lastly, it was announced that the Energy Efficiency & Energy Leader Program Recognition Luncheon will be held November 29 at the George Nakano Theatre from 11:30-1:30 pm.

HERO – PACE: SBCCOG continues to promote PACE financing for homeowners. The spreadsheet below covers the activity from each South Bay members’ jurisdiction since the launch date through August 2018. Proceeds from HERO for 2018 Q2 = \$568.84. Proceeds for 2018 Q3 are expected in October 2018. Total since program start in 2014 = \$28,608.81. Payments to SBCCOG are based on HERO programs that are completed in the South Bay. Activity through August 2018 is listed below:

| Member                | Launch Date | Eligible Housing Units * | Total Applications Received | Applications Approved | Approved Amount       | Funded Projects | Funded Amount        | Jobs Created*** | Energy       | Water      | Renewable  | Solar kW Installed | Annual kWh Saved  | Annual CO2 Reduced (Tons) |
|-----------------------|-------------|--------------------------|-----------------------------|-----------------------|-----------------------|-----------------|----------------------|-----------------|--------------|------------|------------|--------------------|-------------------|---------------------------|
| Carson                | 5/23/14     | 21,375                   | 1,944                       | 1,278                 | \$89,529,822          | 731             | \$ 18,885,572        | 170             | 1,233        | 69         | 183        | 427                | 4,522,191         | 1,108                     |
| El Segundo            | 5/23/14     | 4,209                    | 54                          | 45                    | \$7,715,419           | 25              | \$ 639,286           | 6               | 30           | 6          | 8          | 18                 | 168,929           | 41                        |
| Gardena               | 5/23/14     | 12,360                   | 688                         | 459                   | \$31,839,798          | 253             | \$ 6,309,574         | 57              | 415          | 26         | 40         | 76                 | 1,222,786         | 296                       |
| Hawthorne             | 5/23/14     | 11,621                   | 542                         | 390                   | \$30,763,609          | 222             | \$ 5,048,060         | 45              | 345          | 12         | 42         | 79                 | 1,107,161         | 270                       |
| Hermosa Beach         | 5/23/14     | 6,473                    | 55                          | 40                    | \$8,413,706           | 19              | \$ 395,206           | 4               | 20           | 0          | 10         | 23                 | 96,974            | 26                        |
| Inglewood             | 5/23/14     | 19,038                   | 1,321                       | 875                   | \$61,387,391          | 486             | \$ 12,619,402        | 114             | 797          | 54         | 48         | 111                | 2,315,612         | 559                       |
| Lawndale              | 5/23/14     | 5,262                    | 154                         | 102                   | \$7,969,553           | 50              | \$ 1,336,413         | 12              | 86           | 7          | 12         | 30                 | 270,355           | 68                        |
| Lomita                | 5/23/14     | 4,606                    | 113                         | 92                    | \$8,773,994           | 47              | \$ 1,163,862         | 10              | 76           | 6          | 14         | 39                 | 325,110           | 80                        |
| Manhattan Beach       | 5/28/15     | 12,403                   | 91                          | 81                    | \$18,235,351          | 41              | \$ 1,346,576         | 12              | 70           | 7          | 26         | 93                 | 442,439           | 115                       |
| Palos Verdes Estates  | 5/28/15     | 5,115                    | 36                          | 32                    | \$7,062,522           | 10              | \$ 527,780           | 5               | 16           | 3          | 4          | 11                 | 78,276            | 20                        |
| Rancho Palos Verdes   | 5/23/14     | 14,759                   | 215                         | 190                   | \$30,774,071          | 86              | \$ 2,342,817         | 21              | 134          | 6          | 18         | 62                 | 655,232           | 158                       |
| Redondo Beach         | 3/24/15     | 20,292                   | 186                         | 153                   | \$20,285,594          | 78              | \$ 1,554,437         | 14              | 113          | 3          | 18         | 37                 | 428,518           | 105                       |
| Rolling Hills         | 5/23/14     | 698                      | 6                           | 6                     | \$1,631,678           | 2               | \$ 119,637           | 1               | 2            | 0          | 0          | 0                  | 995               | 0                         |
| Rolling Hills Estates | 5/23/14     | 3,090                    | 45                          | 40                    | \$7,727,160           | 23              | \$ 868,135           | 8               | 29           | 3          | 10         | 46                 | 210,979           | 55                        |
| Torrance              | 5/23/14     | 37,899                   | 733                         | 597                   | \$64,518,512          | 330             | \$ 7,556,824         | 68              | 466          | 32         | 104        | 255                | 2,016,517         | 499                       |
| <b>Total</b>          |             | <b>179,200</b>           | <b>6,183</b>                | <b>4,380</b>          | <b>\$ 396,628,180</b> | <b>2,403</b>    | <b>\$ 60,713,583</b> | <b>547</b>      | <b>3,832</b> | <b>234</b> | <b>537</b> | <b>1,308</b>       | <b>13,862,075</b> | <b>3,400</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.

YGRENE – PACE:

The SBCCOG also receives funding for Ygrene activities in the South Bay in return for promoting PACE. Ygrene payments to the SBCCOG for 2018 through Q2 are \$1,101.70 with a total of \$7,589.56 since 2016 when program started. Payments to SBCCOG are based on Ygrene programs that are completed in the South Bay. Activity through August 2018 is listed below:

| Property Type   | Totals (Residential + Commercial) |                    |                        |                    |                     |                      |                 |
|-----------------|-----------------------------------|--------------------|------------------------|--------------------|---------------------|----------------------|-----------------|
| Jurisdiction    | # of Apps                         | Eligible Amount    | # of Approved Projects | Approved Amount    | # of Homes Improved | # of Funded Projects | Funded Amount   |
| Gardena         | 5                                 | \$1,204,089        | 1                      | \$480,000          | 0                   | 0                    | \$0             |
| Hawthorne       | 1                                 | \$150,913          | 1                      | \$150,913          | 0                   | 0                    | \$0             |
| Inglewood       | 5                                 | \$358,314          | 3                      | \$165,141          | 0                   | 0                    | \$0             |
| Manhattan Beach | 1                                 | \$293,130          | 1                      | \$293,130          | 0                   | 0                    | \$0             |
| Torrance        | 1                                 | \$284,684          | 1                      | \$177,212          | 1                   | 1                    | \$60,585        |
| <b>Totals</b>   | <b>13</b>                         | <b>\$2,291,129</b> | <b>7</b>               | <b>\$1,266,396</b> | <b>1</b>            | <b>1</b>             | <b>\$60,585</b> |

South Bay Green Business Assist Program (GBAP) & Green Business Network (GBN)

GBN - The SBCCOG team has been conducting outreach in the cities of Torrance and Hawthorne during the month of September including a business walk on 9-17-18 with Hawthorne Councilwoman Olivia Valentine. The total outreach efforts to date have resulted in 6 appointments in Torrance and 5 appointments in Hawthorne.

These new businesses will be added to the BAP as well. Program flyers have been developed and distributed in Hawthorne and Torrance.

GBAP Participants by city: Torrance (41), Lawndale (26), Redondo Beach (16), El Segundo (15), Gardena (15), Hawthorne (18), Carson (12), Inglewood (10), Manhattan Beach (8), Palos Verdes Estates (7), Rancho Palos Verdes (7), Hermosa Beach (5), Rolling Hills Estates (4), Lomita (3), Lennox (2), and Los Angeles County – Community of Westmont (1) for a total of 190 businesses in the program as of the end of September 2018.

## **Water Conservation**

West Basin Municipal Water District Programs (West Basin) Contract year is Sept. 1, 2018 through June 30, 2019\*

*\*The West Basin contract is for 10 months to align with the SBCCOG July 1 – June 30 fiscal year.*

### Task 1. Educational Outreach Support

#### Exhibit Events

*Contract goals:* 100 exhibit events, presentations, etc.

*Status of goal:* 15 exhibit events, presentations, etc.

#### Water Bottle Filling Station Program

*Status:* West Basin has continued the funding of this program for this new program year. Public sites will have the opportunity to install two (2) water bottle filling stations for the same Tax ID # (changed from only one allowed in previous funding cycle). SBCCOG staff continues to identify sites.

### Task 2. Support for Workshops & Events

#### Educational Classes

*Contract goals:* minimum of 5 and a maximum of 8

*Status of goals:* 1 completed; 3 scheduled

SBCCOG staff worked in conjunction West Basin staff to schedule the Landscape Transformation classes (new MWD class offering). The first class took place on August 29<sup>th</sup> in Carson (previous contract year).

An additional class took place in Inglewood on September 26<sup>th</sup>; 3 classes have been scheduled between November 2018 and March 2019.

#### Rain Barrel Giveaway

*Contract goal:* 5

*Status of goal:* 0 completed; 1 scheduled

The first rain barrel event is scheduled for November 17<sup>th</sup> in Rolling Hills Estates; SBCCOG staff is working with West Basin staff to finalize locations and dates for the remaining 4 rain barrel giveaway events.

#### Greywater Workshops

*Contract goal:* 5 workshops

*Status of goal:* 0 workshops completed

SBCCOG is working with West Basin staff to finalize locations and dates for the greywater workshops.

### Task 3. Cash for Kitchens

*Contract goal:* target 200 commercial kitchens by Dec. 2019 this goal is for overlapping contract years

*Status of goal:* 53 water surveys completed; 5 surveys were conducted in the month of September. Ten appointments have been scheduled for the month of October.

### Task 4. Disadvantaged Community (DAC) Water-Energy Initiative Program (Clothes-Washer)

*Contract goal:* provide outreach to DAC areas within West Basin’s service area and provide free installation of high-efficiency showerheads, faucet aerators, and clothes washers.

*Status of goal:* SBCCOG staff continues with outreach efforts to develop contacts for this program.

Torrance Water Contract year is July 1, 2018 through June 30, 2019

Task 1: Support for educational classes (California Friendly Landscape Training (CFLT) or Turf Removal (TR) Class and community events (This goal is dependent upon Torrance establishing classes).

*Contract goal:* as requested

*Status of goal:* 5 CFLT/TR/Greywater classes completed. A greywater workshop was conducted on September 8<sup>th</sup>. SBCCOG staff continues to promote Torrance efforts through the SBCCOG and SBESC media channels.

Task 2: Cash for Kitchens

*Contract goal:* 10 new commercial kitchens; 10 follow-up site visits

*Status of goal:* 2 follow-up site visits completed.

Staff continues to identify kitchens in Torrance.

Water Replenishment District of Southern California (WRD) Contract year is March 21, 2018-June 30, 2019.

SBCCOG staff finalized arrangements with WRD to present a Spanish-language Edible Gardening Workshop in Lennox on September 12<sup>th</sup>. Ongoing promotion of WRD programs continues through the SBCCOG's information kiosk, and other social media channels.

Sanitation Districts of LA County (LACSD) Contract year is January 1-December 31, 2018

*Contract goals:* Schedule up to 5 Sanitation Districts-related presentations

*Status of goals:* 2 have been completed and 2 have been scheduled: 10/9/18 and 11/01/18. SBCCOG staff continues to reach out to community organizations to schedule presentations.

Los Angeles Department of Water and Power (LADWP) Contract year is January 1-December 31, 2018

*Contract goals:*

- 8-12 targeted special exhibit events; *Status of goal:* 8 completed; SBCCOG staff participated in the ECOFEST in San Pedro on September 29<sup>th</sup>. SBCCOG staff is working on identifying events in Wilmington and Harbor City. Plans are to exhibit at the San Pedro Farmers Market in October.
- 1 training for SBCCOG Volunteers on LADWP programs; *Status of goal:* Training 3/15/18 - **GOAL MET**
- 6-8 commercial kitchens to be identified for water assessments and conservation training; *Status of goal:* 4 water surveys completed. SBCCOG staff continues to conduct outreach to LADWP restaurants.

**Transportation**

Vanpool Program (Contract period Feb. 1, 2013 – Nov. 30, 2018)

*Contract goals:* 72 outreach events; 18 information/formation meetings

*Status of goals:* 265 outreach events - **GOAL MET**; 14 information/formation meetings

In September, collateral materials were distributed at sixteen SBCCOG outreach events. SBCCOG staff continued outreach efforts to assist Wedgewood Real Estate Investment Company with vanpool formation. Discussions continue to encourage and support CSUDH’s efforts to re-establish their vanpool program. In addition, SBCCOG staff continued to support the City of Torrance’s efforts to facilitate new vanpool formation – including, the development of a “virtual” formation meeting. SBCCOG has formally requested an extension (without additional) funds to continue the vanpool MOU through the end of Metro’s fiscal year (June 30, 2019); SBCCOG staff has begun discussions with Metro to craft a new MOU with an expanded Scope of Work that would replace the sunseting vanpool MOU.

Metro Express Lanes (MEL) (Contract period Aug. 1, 2015 – Jul. 31, 2019)

*Contract goal: 30 outreach events; 2 presentations (This goal is dependent upon the availability of the mobile van).*

*Status of goal: 326 community events and 14 presentations completed. In addition, 27 SBESC e-newsletter articles have been facilitated by SBCCOG staff. - GOAL MET*

SBCCOG continues to send multiple invitations and notices to Metro staff about future South Bay MEL events that would be at South Bay Rideshare events this Fall.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops, Trainings, & Exchanges

The following chart provides an overview of all registration events held in September 2018:

| Event Date | Event Name                                 | No. Attended/No. of RSVPs | Marketing Info. (how did they hear about the Workshop)  | Staff Lead |
|------------|--|---------------------------|---|------------|
| 9/8/18     | Greywater Class – Torrance                 | 57/99                     | Email: 71, Flyer: 1, Friend or Family: 6, Local Publication: 9, Other: 3, Website: 9  | ML         |
| 9/26/2018  | Landscape Transformation Class - Inglewood | 45/90                     | Community Org/Event: 2, Door Hanger: 28, Flyer: 10, Newspaper: 2, Online Calendar: 1, Other Social Media: 6, SBESC Email: 29, West Basin Social Media: 4, West Basin Website: 5, Word of Mouth: 3 | CW         |

Outreach Events

In September:

- 6 community events
- 2 business events
- 1 employee event
- 1 networking opportunity
- 2 residential workshops
- 1 SCE Seminar
- 3 presentations

Calendar year-to-date through September 2018:

- 42 community events
- 5 SCE Seminars
- 2 employee events
- 5 business events
- 6 residential workshops
- 13 presentations
- 2 networking opportunity

Media

Social Media

- SBCCOG -- Totals for Social Media (SBCCOG) (*top tweet – right*)
  - Twitter: 164 followers total, 814 impressions\* month of September
  - Facebook: 74 likes total, 209 impressions month of September
- SBESC -- Totals for Social Media (*top tweet – right*)
  - Twitter: 548 followers total, 3,200 impressions\* month of September
  - Facebook: 724 likes total, 381 impressions month of September
  - LinkedIn: 121 followers total, 67 impressions month of September

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

Press Releases/Press Interviews/Articles/Network TV

**Top Tweet** earned 435 impressions

As our members, check out the programs that #SouthBay cities participated in and the benefits reaped during FY '17-'18

#AYearInReview  
[pic.twitter.com/WP6nMw6q4B](http://pic.twitter.com/WP6nMw6q4B)

**Top Tweet** earned 968 impressions

@TorranceCA #greywater  
[pic.twitter.com/Lhh8c9E197](http://pic.twitter.com/Lhh8c9E197)

*“California Green Business Network Certification Program in Torrance, September 5, 2018 sent to chamber and print media*

*“California Green Business Network Certification Program in Hawthorne, September 27, 2018 sent to the Hawthorne Chamber and print media*

**Volunteer Program**

*Status of Program:* 102.75 hours for September 2018; 2018 thus far = 931.35 hours; *Grand total* as of 8/31/18: 18,606.78 (starting April 2008)

The date for the Volunteer Recognition is November 15, just prior to start of the November Board of Directors meeting in the Client Theater. All Board members are invited and encouraged to attend. Staff is seeking gifts for the volunteers from our partners. Partners have also been invited.