

Minutes

Energy Management Working Group Meeting

SBESC office

5/31/17

11:30am – 1pm

Attendees

Cities: Reata Kulcsar (Carson), Robin Wilson (Carson), Orlando Rodriguez (El Segundo), Harry Frisby (Inglewood), Victor Nunez (Inglewood), Laura MacMorran (Lomita), Sean Roberts (Manhattan Beach), Michael Klein (Redondo Beach), Rob Osborne (Redondo Beach), Alexa Davis (RHE), Erica Tang (RHE)

SBCCOG: Jacki Bacharach, Grace Farwell, Kim Fuentes, Steve Lantz, Amanda Maki

GSE Solutions: Greg Stevens

SCE: Damon Hannaman, John King, Scot Mann

SCG: Ann Teall

1. Welcome & Lunch

2. Information Sharing

Carson –

- City is working with Charge Bliss on a Microgrid project. City received \$1.5 million CEC grant that allows for a full design of a microgrid in the city. The design plan will include energy efficiency upgrades and solar. City will be applying for phase 2 with the potential to receive up to \$28 million to build project. City and Charge Bliss are completing walk-throughs, and recently met with SCE to discuss solar. Damon H reported that Carson will have a reactive PV system. SCE is helping out with data requests and will collaborate on potential design.
- City is retrofitting city-owned streetlights (LS-2 and LS-3).
- City is retrofitting lights at the community parks. City is currently looking at replacing HID with LED for sports lighting; one of the lights being reviewed is the one that Stub Hub is using. Reata K mentioned one of the sport lighting companies, Musco, indicated that the city needed new poles, and project costs went from \$100,000 to \$300,000. City went to Stub Hub Center to see what types of field lights were used; after 7 years of research, Stub Hub Center decided on Nila, from South Coast Lighting. The City found out that Musco lights are heavier and that is why current poles cannot handle weight of lights; City therefore is looking for lighter-weighted lights. Stub Hub lighting is some of the best lighting available for broadcasting. Kim F suggested having a speaker from Stub Hub come to present about their lighting projects.
- Greg S mentioned that if there are other cities interested in sport lighting, please let the SBCCOG know and we will work with you.

El Segundo –

- City took advantage of direct install program to retrofit lighting

Inglewood –

- City is in the process of upgrading elevators at city hall (4 total cars; currently on car #2). City is putting in more efficient elevator motors
- City will be installing a VFD on well pump 6
- City is working with third-party contractor to do a city-wide energy audit and will share results with SBCCOG
- City is reviewing bids to convert city-owned streetlights to LEDs. Greg S stated he was able to identify pricing for LEDs from Santa Monica (using Cree); Greg S is also reviewing City of Huntington Beach regarding their street lighting project. Greg S believes that pricing will be better from Huntington Beach vs Santa Monica because Huntington Beach will be more recent.

Lomita –

- City is interested in micro antennas on streetlights.

Manhattan Beach –

- Direct Install projects are completed. Meters are now solar charged. City has better lighting levels with the new LEDs installed through DI program.

Redondo Beach –

- City is participating in SCE Charge Ready program regarding charging stations for performing arts center.
- City is retrofitting 200 acorn lights on Catalina. City has found LED options with a screw-in post top fixture that are DLC qualified; therefore, City believed it would qualify for incentives through SCE. An LED retrofit package is too heavy for acorn light. SCE said that this particular fixture does not qualify for incentives due to it being a screw-in fixture. But since the City is changing out ballasts as well, this may be an exception. Damon H said they are working on it.

Rolling Hills Estates –

- City is almost finished with DI
- City is working on retrofitting streetlights

SBCCOG –

- Climate Action Plan: SBCCOG has received city staff sign-off on strategies for greening, waste, and energy generation and storage chapters. SBCCOG staff have met with all city on Land Use and Transportation measures. SBCCOG is in process of giving selected strategies back to cities and requesting additional information to complete calculations. The goal is to have strategies and calculations back to city staff by end of June and then to go to city council for adoption prior to the end of year. Consultants are only available until the end of year.
- General Assembly will be on February 23, 2018 at City of Carson. Theme will be “General Plan of 2040”. Topics will include what some of the disruptors will mean in 2040.
- The SBCCOG has finished the broadband study and the report will be on website. The study looked at city assets. The findings show that cities are not adequately prepared for what is coming down

the road. SBCCOG will technical committee meetings to discuss this topic. First technical meeting is June 8th. Please let Jacki B know if cities have interests in specific topics for discussion.

- SBCCOG sent out an email to a few of the cities regarding the California Street Light Association (www.calsla.org). The organization usually works on CPUC rate cases, and is now working on 2018 testimony for rate case, and taking on the street lighting issue.
- Renewable South Bay program: Previously, the SBCCOG has focused on Energy Efficiency as this has been the funding received from SCE and SCG. SBCCOG has now obtained funding through Renovate America (HERO) to promote renewable energy. The program kicked off in Inglewood in April at Earth Day/Jazz Fest event. First kick-off meeting for the Renewable South Bay Working Group is on June 21st. The meeting will provide an opportunity for city sharing about issues/needs related to renewables. Renewable South Bay meeting notices were made available at the EMWG meeting.

SCE –

- Damon H reported that the Charge Ready program is fully subscribed with a few exceptions. Over 1,000 agreements are in place. First construction completed in Lynwood.
- Next area for projects is transportation electrification. SCE will be demonstrating the electrification of transportation. Two projects include: Cargo in port and DC fast charging in areas where there are a lot of renters. Long term projects are focused on medium to heavy transportation; i.e. fleets, port; similar to charge ready.
- Question from Steve Lantz: do you feel SCE is ahead of the curve? Damon H: yes, in support of SB 350; SCE has come up with priority projects and long-term plans.

SoCalGas –

- Ann T stated SoCalGas is getting close to rolling out a Direct Install program with SCE. Agreements are signed and now waiting for approvals within SCG and FCI. SCE DI timeline in the South Bay is March-July. Kim F mentioned that cities will have to move quickly for both SCE and SCG DI. SCE and SCG DI must be completed by end of July (with FCI).
- Greg S asked if there was a timeline to focus on; Ann T said cities, who have already had SCE come through, have until end of year for DI with Synergy. Cities that have already participated in SCE DI will have options for co-pay measures (commercial kitchens, etc). Free measures include shower heads, flow restrictors, aerators, and spray nozzles.

Steve Lantz –

- Measure M guidelines are not finished yet, but Steve L will keep his eye on things; not sure if complete street guidelines will be utilized; Metro not sure if SBCCOG will administer or if Metro will administer.

Greg Stevens –

- Gardena and Torrance have projects that qualify for DI programs and also have incentives approved through SCE's incentive program. Greg S is assisting the cities to compare project details

of DI vs customized incentives. Lighting manufacturers are providing lighting layouts that show how much light a particular fixture can deliver. Cities will be able to look at performance as well as how much light is being given out. Greg S encouraged cities to come to SBCCOG with any potential lighting projects, and SBCCOG can work with lighting manufacturers to help make an informed decision.

3. Presentation: John King, SCE, Manager of Street Light Projects

- SCE utilizes GE lights when retrofitting SCE-owned street lights
- In 2016, LS-1 Option E became available for customers to retrofit all SCE-owned LS-1 street lights with LED lights. LS-1 Option E has new rate schedule. Deemed incentives are available for Option E installations (about \$70 per light; look at SCE Solutions Directory for specific incentive amounts). Once SCE has installed all the lights on their poles, city can go through rebate process. Incentives are available through 2017, and hopefully into 2018 and later. Customers do not pay any upfront cost, but city pays for the retrofit through monthly utility bills. Cities should still expect to see savings when compared to current tariff. SCE estimates a 5-6 year installation process for cities who opt for Option E. Kim F asked, how is the queue working? John King response: First in, first served. SCE has completed Baldwin Park and Laguna Woods and will start other cities after 4th of July. Question: What about lights within city, but are under the county account? Answer: Goal is to move county accounts over to city. City and county will have to work out the incentives.
- John K wants to be sure to have all interested cities in South Bay in queue for LS-1 Option E for consistency.
- Reata K asked how it is going for cities purchasing street lights including issues with maintenance. Some cities have determined that the issue of maintenance is too difficult and will not purchase lights. Some cities have decided to purchase lights because they will utilize the poles for other uses, such as expanding their network.
- SCE is working on a pilot project on SCE-owned street light poles; hasn't started quite yet. There is a city in South Bay that is participating (John K could not reveal what city). Looking at smart city issues; a way to work with SCE on SCE-owned infrastructure. Beach communities want to tie in to Silicon Beach. SCE has put in a lot of fiber and has extensive fiber network for distribution control. SCE will try to work with smart city technologies to be a player in the market to facilitate communication. Email John K with additional questions. John.King@sce.com

4. Announcements

- First kick-off meeting for the Renewable South Bay Working Group is on June 21st from 3-4:30pm.

Next Energy Management Working Group Meeting: July 2017