

## Minutes

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### Energy Management Working Group Meeting

SBESC office

8/24/2016

11am – 1pm

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#### Attendees

**Cities:** Nina Lang (Torrance), Linda Cessna (Torrance), Rob Beste (Torrance), Kristy Morris (Hermosa Beach), Sona Coffee (Manhattan Beach), Keith Darling (Manhattan Beach), Reata Kulcsar (Carson), Juan Trinidad (Inglewood), Fred Jackson (Inglewood), Doug Krauss (Hawthorne), Jeannie Naughton (Rolling Hills Estates), Alexa Davis (Rolling Hills Estates), William Kavadas (Gardena), Mike Klein (Redondo Beach)

**SBCCOG:** Jacki Bacharach, Kim Fuentes, Lena Luna, Amanda Maki

**GSE Solutions:** Greg Stevens

**SCE:** Damon Hannaman, Poloi Lin

**SoCalGas:** Ashley Snyder

Agatha Vaaler (Newcomb Anderson McCormick – Manhattan Beach consultant), Steve Clarke (Newcomb Anderson McCormick – Manhattan Beach consultant), Steve Ferguson (Siemens)

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#### 1. Welcome & Introductions

#### 2. Presentation: Poloi Lin, SCE – Utility Self Generation Incentive Program (SGIP)

SGIP – statewide program that provides incentives for installation of self-generation technologies

Modifying requirements for program:

Change will address the issue of funds running out very quickly as soon as the program launches in the beginning of each year

Changes will be made to how funds are administered; it will be similar to the California Solar Initiative – initiative was put together for customers who wanted to generate own energy with PVs

Incentives will be administered on a continuous basis with incentive levels declining based on capacity reserved in program (similar to California solar initiative)

Budget divided into two categories (used to be three) – energy storage and generation; 75% = energy storage

Beginning 2017, generation projects consuming natural gas must use a minimum of 10% biogas to be eligible

Each project developer will be capped at a total of 20% of incentive budget on a statewide basis, which replaces previous cap of 40% applied to equipment manufacturers

Eligible technologies:

Wind, Waste, Pressure Reduction Turbine, Internal Combustion Engine – CHP, Advanced Energy Storage, etc.

Basic program requirements:

Only change- EE audit still required before doing self-generation, but do not need to implement recommendations

New structure: similar to CA solar initiative

Energy storage technologies – depends on size of system; will go by steps, once Mw goal is met, program will continue to next step

Generation technologies – incentive given per kW capacity

There is a fee (5% of total project cost) when application is submitted; fee is returned once project is completed

Program Handbook will be available Q1 2017 on website ([www.sce.com/SGIP](http://www.sce.com/SGIP))

Projects must be completed 18 months after submittal of SGIP, no extensions

Application must be submitted online

Specific questions – Jim Stevenson, SCE SGIP Program Manager at [SGIPGroup@sce.com](mailto:SGIPGroup@sce.com)

Note: CA solar initiative funds are completely out

### **3. Presentation: Damon Hannaman, SCE – Green Rate and Community Renewable Programs**

Green Rate Program: For additional cost, choose to purchase clean power for a portion (50%) or all (100%) of your electricity; SCE will purchase on your behalf

Community Renewable Program: You choose to enter into an agreement with solar provider to take part in a community solar project

Both are Green-e Certified – guarantees that programs meet strict standards; may be eligible to earn LEED points

Green Rate Eligibility:

Bundled service customers – Those who pay SCE for generation, transmission, and distribution services are eligible

Not eligible customers: Direct Access, CCA, Economic Development Rates, non-metered streetlights, Community Renewables, etc.

Customer load served on this tariff cannot exceed 2MW per year

Green Rate Charges and Credits:

Will be a few cents per kWh above standard SCE bill charges

Bill will include line items: Green Rate Charge; Green Rate indifference adj

TOU-GS-1 premium is approx. 3.25 cents per kWh above current rate

Green Rate How to enroll:

SCE.com/bizgreen

Call dedicated call center line: (866) 701-7867

Call account manager

Community renewable program overview:

Enter into agreement with solar provider to take part in community solar project

SCE will enter into PPA with developer

Customer receives SCE bill credit – SCE continues to provide all energy and T&D services

Note: SCE is not party to the agreement; SCE does not review agreement

Community Renewables Eligibility:

Bundled service customers – Those who pay SCE for generation, transmission, and distribution services are eligible

Not eligible customers: Direct Access, CCA, Economic Development Rates, non-metered streetlights, Green Rate, etc.

Customer load served on this tariff cannot exceed 2MW per year

Will be charged: Comm Renewable charge; comm renewable indifference adj

Community Renewables bidding started April 1, 2016

Community Renewable – how to enroll

On.sce.com/crdevinfo

On.sce.com/commrenew

SCE is reviewing developers, will provide a list of reviewed developers

SCE residential customers may participate in either program

Charge Ready – 90% at capacity

City nominates site (destination, work place, fleet) that has potential for EV charge stations to SCE

SCE vets the site- looking for at least 10 charging sites (unless disadvantaged community, then 5 minimum)

If site is selected, SCE will install all infrastructure, will install panel

City will enter agreement with qualified vendor, SCE will incentivize (100% of charging unit for disadvantaged community)

SCE will own/operate/maintain equipment; City will be in charge of bill and charging unit

Pilot = 1500 parking spaces with charging

Phase II = 30,000 charging units over five year period

How to prepare for Phase II: identify potential sites, develop site plans, determine where current SCE lines are near sites

Most likely will be put on a TOU-GS-2 rate

LCR (local capacity requirement) – SCE enters into contract with third party and agency enters into contract with third party; for energy storage, demand response, energy efficiency technologies

#### **4. Presentation: Lena Luna, SBCCOG – Energy Generation and Storage Chapter of CAP**

Background – Grant awarded from CA Strategic Growth Council to create city-specific and subregional CAP chapters for energy generation and storage, transportation, land use, waste and urban greening

Flow-down State Policies:

AB 32 – GHG reductions to 1990 levels by 2020

SB350 – increases renewable resources to 50% of state’s electricity consumption by 2030 to meet CA’s 2050 reduction goals

EO B-30-15 – GHG reductions to 40% of 1990 levels by 2030

EO S-3-05 – 80% of 1990 levels by 2050

ZNE – By 2020 all new residential will be zero net energy

Completed draft Energy Generation and Storage strategies has been developed based on individual city feedback during meetings last year

After receiving sign-off:

Determine GHG reductions for measures that have a direct impact

Assess co-benefits

Present to cities for final sign-off of entire CAP report – date TBD

#### **5. Lunch**

#### **6. City sign-offs**