



**San Francisco Public Utilities Commission
 Citizens' Advisory Committee
 Power Subcommittee**

MEETING MINUTES

**Tuesday, September 13, 2016
 5:30 p.m. – 7:00 p.m.
 525 Golden Gate Ave., 3rd Floor, Tuolumne Conference Room**

Members

Rebecca Lee (M-Finan/Eng) Leslie DeTaillandier (D3) Mark Connors (D6)
 Owen O'Donnell (B-Small Business)

M = Mayoral appointment, B = Board President Appointment

Staff Liaison: Tracy Zhu

ORDER OF BUSINESS

1. Call to order and roll call at 5:32 pm.

Members present at roll call: (3) Lee, Connors, O'Donnell

Members absent at roll call: (1) DeTaillandier

Members of the public present (1): Elena Engel

2. Report from the Chair

- Welcome members, staff, and the public

Public Comment:

- Question of why there are power outages at Treasure Island. Member Connors explained that the power system is past its life, everything is one continuous loop. Copper thieves who remove copper lines disrupt the electrical system.

3. Approve [August 9, 2016](#) Minutes

- Steve Lawrence submitted public comment via [email](#) and expressed appreciation for the brighter LED lights, yet has concerns about the length of time it took for the lights on his street to get replaced. The public comment was included in the August meeting minutes.

The motion was made (O'Donnell) and seconded (Connors) to approve the [August 9, 2016](#) Meeting Minutes

The motion PASSED by the following vote: Connors

AYES: (3) Lee, Connors, O'Donnell

NOES: (0)

ABSENT: (1) DeTaillandier

Edwin M. Lee
 Mayor

Francesca Vietor
 President

Anson Moran
 Vice President

Ann Moller Caen
 Commissioner

Vince Courtney
 Commissioner

Ike Kwon
 Commissioner

Harlan L. Kelly, Jr.
 General Manager



Member DeTaillandier arrives (4 members present) at 5:42pm.

4. **Presentation and Discussion: CleanPowerSF Update and Planning,**
Barbara Hale, Assistant General Manager, Power Enterprise

Presentation covered:

- Enrollment update:
 - Starting in May, CleanPowerSF now has 7,300 active service locations. The opt out rate is 1.9%. 3% are participating in the SuperGreen program; CleanPowerSF's stretch goal for SuperGreen was 5%.
 - Second enrollment phase started for 73,000 service locations, a ten-fold increase. 18,000 locations have been notified so far: 49 have opted out, 53 upgraded to super green. 119 opted in through the website, and 75 enrolled in super green.
- State procurement requirements: we are working on resource adequacy requirement and long-term 10-year contract for renewable power.
- Activity on the regulatory front: PG&E has submitted a request to CPUC to retire Diablo Canyon nuclear power plant because PG&E claims that Community Choice Aggregation (CCA) programs are serving customers that would have been served by the power plant.
 - However, SFPUC objects to the details "that PG&E should replace any of the needed resources for its customers and the CCA customers." PG&E is saying that while they recognize their obligation to provide service to customers is being reduced because of CCAs, they are asking for authorization to replace all power that has been lost to CCAs. PG&E wants to charge customers who are leaving PG&E a fee to make up for the lost revenue. SFPUC also objects to PG&E's request for cost recovery from all customers for resources they do not need till 2025-2030. PG&E predicts that eventually they will need 40 Diablo Canyons worth of power to cover the loss of customers due to CCAs.
- Proposal for integrating CleanPowerSF with GoSolarSF is being presented to the Commission in October, and will go to the Board of Supervisors for approval.
 - Hosted a series of stakeholder meetings to gather input
 - High level changes in the proposal include changing eligibility requirements, simplifying incentive payments, and restructuring incentive rates.
 - For example, a proposed eligibility requirement: Anybody who receives GoSolarSF solar incentives for solar panels must be power customers of SFPUC, either CleanPowerSF or Hetch Hetchy customer.
 - We would like to continue to offer higher incentive support to nonprofits and low income residents, including inverter incentive replacements and solar installation incentive.
 - We would like to develop complimentary distributed energy programs such as energy storage incentives and electric vehicle incentives, and SFPUC would like discretion under legislation to propose and implement changes as technologies change
 - Ideally will be able to implement changes out of that process by next fiscal year

Topics of Discussion

- Chair Lee: Is PGE seeking rate setting approval authority from CPUC for replacement power and capacity?
AGM Hale: Yes
- Chair Lee: What is the timeframe for the procurement of the long-term contract?
AGM Hale: We identified qualified bidders in November 2015 for delivery in January. The Agency entered into a ten-year contract but will be negotiating the start date for the long-term delivery.
- Chair Lee: what high level changes would necessitate a legislative modification?
AGM Hale: When GoSolarSF was created, supervisors anticipated a CCA program to be in place that would be implemented by SFPUC. We are proposing to change the eligibility requirements: any recipient that receives a GoSolarSF incentive should either be a Hetch Hetchy customer or a CleanPowerSF customer. We will also provide companion marketing.
- Member O'Donnell: For the fall enrollment, which districts are included?
Staff: Districts 5, 8, and 10.
- Member O'Donnell: What would be the purpose of lowering incentives over time?
AGM Hale: Cost of solar installation is going down so amount needed to contribute to future installation is lowering over time. In 2015, there were 800 new solar installations in SF. Only 500 of those requested incentive payment. Reliance on solar incentives is lessening. The goal is to target customers who need it like low-income customers. In 1 to 1.5 year timeframe SFPUC is developing a feed-in-tariff program for people who have solar panels solely to sell power back to system.
- Member DeTaillandier: Are any measurements taken on these inverters given their impact on electrically hyper-sensitive people?
AGM Hale: I am not sure, and would need to look at the literature.
- Member Connors: Are any new technologies being researched by SFPUC?
AGM Hale: SFPUC is not involved with piloting new technology but stays informed on latest developments. SFPUC does have "green test bed" where private entities can bring technology to SFPUC to test if it sounds promising. For example, street poles were mounted with wind and solar generators.
- Member Lee: In the short term, you will have a whole portfolio of clean energy initiatives. How does SFPUC inform consumers of how these initiatives interrelate in a way that ratepayers can understand?
AGM Hale: It's still a work in progress, working with Amy and her communications team on what makes most sense. The Subcommittee can track our planning efforts in the Integrated Resource Plan and the Growth/Phasing Plan
- Member O'Donnell: Do all your plans and targets fit into the carbon goals of the state?
AGM Hale: Yes. One of our biggest challenges to reach the state goals is retrofitting older buildings.
- Member O'Donnell: Is there any way to aggressively promote installation of LED to improve energy efficiency?

AGM Hale: Streetlights regardless of who owns them (25000 owned by sf, 19000 owned by PG&E) are powered by SFPUC's Hetch Hetchy. Because PG&E would receive none of the power saving costs from LED energy efficiency, PG&E is dragging their feet. The CPUC told PG&E it has to do this even though they tried to avoid it.

- Member O'Donnell: Has the SFPUC given any thought to installing additional power generators along the Hetch Hetchy water system to generate more power?

AGM Hale: We looked into doing something at the reservoir at University Mount reservoir, but it was not cost effective to do so because of the expensive above ground infrastructure requirements. We are looking into pipe hydro near Calaveras Dam; there is nervousness about any other locations. The two locations SFPUC was looking at already had pressure reduction valves. Adding anything else much is more complicated because it could affect the overall water system by slowing down water, etc. All of this is funded by Water enterprise budget.

Public Comment:

- Elena Engel: How do I determine if I am a Super Green customer or not when my PG&E bill comes in the mail?

AGM Hale: We will look into making it explicit on the bill so that it is easy to tell.

- Elena Engel: how long will it take to roll out CleanPowerSF to the whole city?

AGM Hale: It took Marin 3.5 to 5 years, so it is reasonable to say it will take that long or less. SF's CCA is different from other CCAs. Others have created joint power authorities which financially insulate the member cities. SFPUC's CCA must proceed much more cautiously than other CCAs because SFPUC is a department of the City and County of San Francisco, but that will ultimately lead to a stronger program.

- Elena Engel: What about developing renewables?

AGM Hale: We are procuring power from projects already up and running. We also hope to build sites on SFPUC lands outside of SF that can perform better and are cheaper to build than sites inside SF. For sites inside SF, we are exploring building on concrete capped reservoirs e.g. University Mound reservoir. We already have solar at Sunset reservoir.

- Chair Lee: the agency should balance local job opportunities and growth with the cost-effectiveness and efficiency of building solar on PUC properties outside of San Francisco.

AGM Hale: Energy efficiency jobs can be local jobs that have first source requirements and target disadvantaged San Franciscans. GoSolarSF and the feed-in-tariff will incentivize local job opportunities as well.

5. Presentation and Discussion: CleanPowerSF Outreach Update, Amy Sinclair, Communications Manager

Presentation topics:

- We will be doing a lot of outreach to the Electric Vehicles (EV) community. We will be at Sunset Community Fair on Sept 17th.

- Elena's organization, 350.org, has been sending volunteers to enroll residents at events like Sunday Streets.
- Other events that CleanPowerSF will conduct outreach at:
 - Cole Valley Fair at end of September
 - During fleet week an electrical vehicle event called Charging Across Town
 - Farmers market focusing on district 5 and 8
- We will be expanding social media presence

Discussion topics:

- At full CAC leadership retreat, the full CAC reaffirmed their purpose of connecting the utility to the community and being an ambassador for the work that's going on at the utility. The CAC members wanted to have a bigger presence at the community meetings and to be able to piggyback off events that the SFPUC will already have a presence at.
- Member Connors: Are there any self-driving cars at the events?
Staff: No

Public Comment:

- Elena Engel: 350.org has been volunteering at events to enroll residents. It's been really great talking to San Franciscans about how the city will be generating its own renewable energy.

6. Staff report

- Members were interested on whether PG&E had a forthcoming program to replace street lights and its timeframe. The project manager for the LED streetlights project, Mary Tienken, provided a response via email that was forwarded to members:
- "The conversion of series loop circuits that are owned and maintained by PG&E has been ongoing for the last three years. PG&E was initially granted an approximately \$25 Million to replace 23 street lights on series loop circuits in San Francisco into standard services through the General Rate Case Settlement in 2012. They are generally replacing existing high pressure sodium fixtures with LED fixtures. The number of fixtures that will be upgraded as part of the series loop conversion is relatively small portion of the approximately 19,000 street lights owned by PG&E. We know of no other PG&E plans to convert the remaining fixtures in San Francisco."
- SFPUC will take 10-12 months to convert all of its PUC owned street lights to LEDs.

Public Comment: None

7. Future Agenda Items and Resolutions

- This is the last meeting of the year.
- Chair Lee interested in hearing more about electric vehicles and plug-in cars.
- Member Connors interested in having a handout that summarizes the history of Treasure Island electric infrastructure. Staff will follow up with people in communications.
- An annual CAC survey will be sent out to CAC members to capture everyone's individual interests to help inform agenda in upcoming calendar year.

Public Comment: None

8. Announcements/Comments

- Chair Lee: On Monday, September 19, there is an urban clean energy prize hosted by an incubator for startup entrepreneurs to come up with clean energy solutions.

9. **Adjournment**

Motion was made (Connors) and seconded (O'Donnell) to adjourn meeting.

The meeting was adjourned at 6:58 pm.

MINUTES