

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

MEETING MINUTES

Tuesday, September 12, 2017

5:30 p.m. – 7:00 p.m.

525 Golden Gate Ave., 3rd Floor, Tuolumne Conference Room

Mission: The Power Subcommittee shall review power generation and transmission system reliability and improvement programs, including but not limited to facilities siting and alternatives energy programs, as well as other relevant plans, programs, and policies (Admin Code 54).

Members

Leslie DeTaillandier (D3)	Ernesto Martinez (D9)	Owen O'Donnell (B-Small Business)
Paige Miller (M-Env. Group)	Nate Kinsey (M-Large Water User)	

M = Mayoral appointment, B = Board President Appointment

Staff Liaisons: Tracy Zhu, Alexandra Johnson, Justin Gardner

SFPUC Staff: Dan Wade

ORDER OF BUSINESS

1. **Call to order and roll call:** The meeting was called to order at 5:32 pm.

Members present at roll call: (5) DeTaillandier, Miller, Martinez, Kinsey, O'Donnell

Members absent at roll call: (0)

Members of the public: None

2. **Report from the Chair**

- Welcome members, staff, and the public.
- The current chair position is vacant; the committee discussed how to fill the vacancy.

3. **Public Comment:** None

4. **Approve [May 9, 2017 Meeting Minutes](#)**

Motion was made (O'Donnell) and seconded (Martinez) to approve the [May 9, 2017](#) meeting minutes.

Edwin M. Le
Mayor

Anson Mora
President

Ike Kwo
Vice President

Ann Moller Cae
Commissioner

Francesca Vieto
Commissioner

Vince Courtne
Commissioner

Harlan L. Kelly, J
General Manager



The motion passed by the following votes:

AYES: (5) DeTaillandier, Miller, Martinez, Kinsey, O'Donnell

NOES: (0)

ABSENT: (0)

Public Comment: None

5. **Presentation and Discussion:** [Upcountry Power Capital Projects](#), Dan Wade, Director of Water Capital Projects and Programs, Infrastructure Bureau

Presentation Topics:

- Hetch Hetchy Capital Improvement Projects (HCIP)
- Hetch Hetchy Water & Power System
- Hetchy Megawatt Supply & Distribution
- Business Model
- Past Capital Project List
- Present Capital Project List
- Future Potential Capital Project List
- SFPUC Facilities Map
- Powerhouses Rehab Project Profile
- Warnerville Substation Rehabilitation
- Warnerville Substation Project Profile
- Transmission Lines Clearance Mitigation
- Transmission Lines Project Profile
- O'Shaughnessy Dam Drum Gate
- O'Shaughnessy Dam Drum Gate Project Profile
- Cherry Outlet Works
- Cherry Outlet Works Project Profile
- Kirkword Penstock
- Kirkword Penstock Project Profile
- Moccasin Penstock Rehabilitation
- Moccasin Penstock Project Profile
- Questions?

Topics of Discussion:

- The committee referred to the fault lines on the map and asked how susceptible the infrastructures are to damage in the case of an earthquake.
- Dan clarified that there isn't much seismic risk due to the design. \$4B was spent to address these concerns and ensure that the water pipes are seismically reliable. In the case of an earthquake, one pipeline will operate to safeguard water supply while the others pipelines break, then the broken pipelines will be repaired 60 days after.
- The committee showed concern about the economic costs for running the Moccasin project.
- Member O'Donnell requested to follow up on what the expected power usage from customers would be once CleanPowerSF is fully implemented. Then suggested to market power to wholesale customers as opposed to ratepayers to fund these large projects.
- Staff Member Zhu informed the committee that large hydro dam energy isn't considered renewable energy under the state law.
- The committee asked who is responsible for construction and if the upcountry infrastructures are vulnerable to wildfires. Dan confirmed that large projects are bided to the private sector and the projects are very vulnerable to fires.

Public Comment: None

6. Staff report

- CleanPowerSF Communications
 - Salesforce is CleanPowerSF's largest customer
 - CleanPowerSF is close to reaching its goal of 5% of their customers enrolled in super green
 - The Commission declared that 100% of SF's energy will be procured from CleanPowerSF by 2019; there are currently 82K customers, the whole city would be 350K customers
 - The CleanPowerSF opt-out rate is 3% and the opt-up rate to super green is 3%

Topics of Discussion:

- The committee asked why people are choosing to opt out. Staff member Zhu explained that example reasons why people have opted out are that they are PG&E employees or not in favor of government owned utilities.
- The committee discussed drafting a resolution in support of CleanPowerSF and for the Commission to enforce the PUC to do more outreach for customers.
- Member Miller suggested that the resolution be directed at the tech industry because they have a high demand for energy/power and are the leaders of the city.
- Staff member Zhu emphasized that the outreach should push for customers to opt-in for super green.
- The committee asked how CleanPowerSF splits up their customer classes, and how they engage with specific classes i.e. residential versus commercial.

Public Comment: None

7. Future Agenda Items and Resolutions

From the retreat, priority topics for the Power CAC to track:

- Health impacts of Power Infrastructure
- Treasure Island
- LED lights

The committee expressed interest in:

- CleanPowerSF's marketing and outreach to large commercial clients
- CleanPowerSF Integrated Resource Plan
- Job creation as a result of CleanPowerSF; update on the Enernex jobs report

The committee requested a workforce presentation; what jobs are generated from solar projects and the agency as a whole.

Topics of Discussion:

- The committee asked what equity means in CleanPowerSF. Staff Zhu provided examples that equity could mean social and economic empowerment for underserved communities through CleanPowerSF projects.
 - The committee asked if there is a Community Benefits component in CleanPowerSF
- The committee asked what CleanPowerSF customer satisfaction looks like because the opt-out rate is already low. Committee asked what

CleanPowerSF opt out rates are compared to other clean energy utility rates.

- The committee expressed interest in seeing a PUC program that focuses on solar jobs and training. Resulting in two beneficial outcomes: solar power that the city can sell and workforce equity for underserved community.
- Member O'Donnell asked if the CAC can have more publicity (i.e. news, reporters) to broadcast issues discussed at CAC meetings.

Staff will follow up with a link to the [CleanPowerSF Phasing Plan Presentation](#) that will respond to the committee's questions regarding power demand and CleanPowerSF job creation.

Public comment: None

8. **Announcements/Comments** – The next regularly rescheduled meeting of the Power Subcommittee will take place November 14, 2017.

- Member Miller shared that the Board of Supervisors voted unanimously to divest from fossil fuels.

9. **Adjournment**

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

Meeting was adjourned at 6:44 pm.