



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

MEETING MINUTES

Tuesday, May 9, 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

Rebecca Lee (M-Finan/Eng) Leslie DeTaillandier (D3) Ernesto Martinez (D9)
 Owen O'Donnell (B-Small Business) Paige Miller (M-Env. Group)

M = Mayoral appointment, B = Board President Appointment

Staff Liaison: Tracy Zhu and Justin Gardner

ORDER OF BUSINESS

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

Members present at roll call: (4) Lee, O'Donnell, DeTaillandier, Miller

Members absent at roll call: (1) Martinez

Members of the public present: Michael Sizemore

SFPUC Staff: Daniel Young

2. Report from the Chair

- Lee is ultimately going to step down from the CAC. Right now Page is the main potential candidate but if anyone else would like to step up, please talk to Chair Aragon.

3. Public Comment: None

4. Approve [March 14, 2017 Minutes](#)

The motion was made (Miller) and seconded (Lee) to approve the March 14, 2017 Minutes.

The motion PASSED by the following vote:

AYES: (4) Lee, O'Donnell, DeTaillandier, Miller

Edwin M. Lee
Mayor

Anson Moran
President

Ike Kwon
Vice President

Ann Moller Caen
Commissioner

Francesca Vietor
Commissioner

Vince Courtney
Commissioner

Harlan L. Kelly, Jr.
General Manager



NOES: (0)
ABSENT: (1) Martinez

5. **Presentation and Discussion:** [Integrated Resource Plan](#), Lori Mitchell,
Power Enterprise

Presentation Topics:

- Introduction to IRP
- Usefulness of IRP
- IRP Analysis Goals
- State Regulatory Requirements
- IRP Applied to Hetch Hetchy Program
- Hetch Hetchy Water and Power System
- Power Supply and Demand: Current
- Unique External Challenges
- Hydro and Renewables
- Integrated Resource Planning: Approach
- Developing Key assumptions
- Scenario Development
 - 1. Maintain Current generation
 - 2. Delay Some Projects
 - 3. Defer Moccasin
- Portfolio Development
- Sensitivity Analysis
- Portfolio selection Process
- Integrated Resource Planning: Results
- 1. Maintain Current Generation
- 3. Defer Moccasin
- Cost of Various Supply Options
- Summary of 24 year NPV
- Qualitative Factors
- Power IRP Key Conclusions
- Broader Agency Considerations

Topics of discussion:

- Member O'Donnell asked if anything was being done to increase demand on server farms. Staff Mitchell explained that as out of the scope of the Integrated Resource Plan which only covers supply. Topics like that can be covered in discussion of the business plan.
- Member O'Donnell asks if the new rule from the State Water Resource Board about discharges into the river is going to make it more difficult to create more power. Staff Mitchell defers the question to her colleagues as she would not be the best person to answer the question.
- Staff Mitchell explains that the IRP was made before the Mountain Tunnel inspections. Since the inspection went so well, the SFPUC might not need to spend all of the funds it allocated for the Mountain Tunnel.
- The committee briefly discusses energy and water price variability and strategies to sell and buy power for a return on investment for the SFPUC.
- Chair Lee highlights how electric vehicles can be a potential consumer of excess greenhouse gas free electricity

- Chair Lee asks if energy efficiency is part of the calculation, to which Lori says the consultant who worked on the IRP, Black and Veatch, did consider that.

Public Comments:

- Michael Sizemore notes that for wind and solar, it appears the plan uses a flat energy cost which may be inaccurate with future price reductions in cost of solar.

6. **Staff report:** [CleanPowerSF Update](#) – Amy Sinclair, Power Communications Presentation

Presentation Topics:

- San Francisco's Community Choice Energy Program
- CleanPowerSF Staff Update
- Community Choice Energy
- One year of service!
- Community Choice Energy in California
- How CleanPowerSF works
- Offering Two Energy Products
- Seamless Customer Experience
- Tangible benefits for your home or business
- By the Numbers
- Outreach and Marketing
- Net Energy Metering (NEM) & GoSolarSF
- How can the Power CAC get involved?

Topics of Discussion:

- The Commission discusses PG&E exit fees among other PG&E topics related to CleanPowerSF. Staff notes the California PUC is the regulatory body with jurisdiction over PG&E.
- Member Miller asks about sources of power for CleanPowerSF. Staff Sinclair breaks it down:
 - Super Green Plan (100% renewable): 98% is wind locally produced in the Bay Area, the rest is solar.
 - Green Plan (40% renewable): 30% of non-green power is Hetch Hetchy power which is carbon free.

Public Comment: None

7. **Future Agenda Items and Resolutions**

- CleanPowerSF Phasing Plan will be presented to the Full CAC at the June meeting
- Buying power on market

Public Comment: None

8. **Announcements/Comments**

- The CAC leadership retreat will be held on July 16.
- The next regularly rescheduled meeting of the Power Subcommittee will be determined by the next chair. Check on www.sfwater.org/cac for the next meeting.

Public Comment: None

9. **Adjournment**

Motion was made (O'Donnell) and seconded (Paige) to adjourn meeting. The meeting was adjourned at 7:05pm.

MINUTES