San Francisco Public Utilities Commission
Citizens' Advisory Committee
Power Subcommittee

MEETING MINUTES

Tuesday, June 14, 2022
5:30 p.m. – 7:00 p.m.

PARTICIPATE VIA ZOOM VIRTUAL CONFERENCE SOFTWARE

Meeting URL
https://sfwater.zoom.us/j/81422379428?pwd=VW1GYTdOcTNiTjBpSFVoSjdBNUUvdz09

Phone Dial-in
669.219.2599
Find your local number: https://sfwater.zoom.us/u/k1ZXcZE78

Meeting ID / Passcode
814 2237 9428 / 966556

This meeting is being held by Teleconference Pursuant to the Governor's Executive Order N-29-20 and the Sixteenth Supplement to Mayoral Proclamation Declaring the Existence of a Local Emergency Dated February 25,2020

During the Coronavirus Disease (COVID-19) emergency, the San Francisco Public Utilities Citizens Advisory Committee's (SFPUC CAC) regular meeting room, 525 Golden Gate Ave., 3rd Floor Tuolumne Conference Room, is closed. CAC Members and SFPUC staff will convene CAC meetings remotely by teleconference. Members of the public are encouraged to submit their public comment on agenda items in advance of the teleconference meeting by emailing comments to cac@sfwater.org. Comments submitted no later than 12 PM Tuesday the day of the meeting will be read into the record by SFPUC CAC Staffing Team members during the teleconference meeting and will be treated as a substitute to providing public comment during the meeting. Persons who submit written public comment in advance on an agenda item or items will not be permitted to also provide public comment on the same agenda item(s) during the meeting.

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 Article XV, Sections 5.140 - 5.142).

Members

Chair Moisés García (D9)	Emily Algire (D5)	Joshua Ochoa (D7)
Steven Kight-Buckley (D3)	Barklee Sanders (D6)	Marisa Williams (M-Engineering/Financial)

D = District Supervisor appointed, M = Mayor appointed, B = Board President appointed

Staff Liaisons: Mayara Ruski Augusto Sa and Jobanjot Aulakh
Staff Email for Public Comment: cac@sfwater.org

OUR MISSION: To provide our customers with high-quality, efficient and reliable water, power and sewer services in a manner that values environmental and community interests and sustains the resources entrusted to our care.

1. **Call to order and roll call at 5:31 pm**

   Members present at roll call: (5) García, Algire, Sanders, Ochoa, and Williams

   Members Absent: (1) Kight

   Staff/Consultant presenters: Ramon Abueg, Mallory Albright, Peter Gallotta, Cheryl Taylor, Donald Pollitt II, and Michael Hyams

   Members of the Public: None

2. **Approve April 12, 2022 Minutes**

   Motion was made (Algire) and seconded (Ochoa) to approve the April 12, 2022 Minutes.

   AYES: (5) García, Algire, Sanders, Ochoa, and Williams

   NOES: (0)

   ABSENT: (1) Kight

   Public Comment: None

3. **Report from the Chair**
   - Welcome members, staff, and the public
   - Ohlone Tribal Land Acknowledgement
   - Member Williams announced that she would be leaving the CAC
   - Chair García announced that this would be his last meeting as Chair and that he has appointed Member Algire as the new Chair of the Power Subcommittee

   Public Comment: None

4. **Public Comment:** Members of the public may address the Committee on matters that are within the Committee's jurisdiction and are not on today's agenda (*2 minutes per speaker*)

   Public Comment: None

5. **Presentation and Discussion: CleanPowerSF's 2022 Integrated Resource Plan,** Mallory Albright, Utility Specialist, CleanPowerSF Operations, SFPUC; Peter Gallotta, Communications Manager, Power, SFPUC

   Presentation
   - CleanPowerSF 2022 Integrated Resource Plan
   - Integrated Resource Planning
   - Key Terms
   - 2020 Integrated Resource Plan Recap
   - Priorities for the 2022 IRP
   - Priorities for the 2022 IRP Continued
   - CleanPowerSF IRP Modeling Portfolios

- CleanPowerSF IRP Modeling Portfolios Continued
- CleanPowerSF IRP Modeling: Sensitivities
- CleanPowerSF's Preferred Portfolio
- Community Engagement
- Schedule

Discussion

- **Chair García** asked what the current energy mix looks like and what is considered local power.

  Staff Hyams responded that since they launched the CleanPowerSF program, they have defined local power as power from the nine Bay Area counties. It is a subjective measurement, but they felt that it best represented the region for San Francisco. Local Power also provides enough geographic space to allow for meaningful resource diversification as the SFPUC has considered developing a balanced portfolio of electric resources. Staff Hyams commented that it was hard to summarize the SFPUC's portfolio and offered to follow up in writing.

  Staff Gallotta provided some information about CleanPowerSF's energy mix and sources as of 2020: https://www.cleanpowersf.org/energysources

- **Member Algire** asked what the expected ratio was of the defined local power supply versus nonlocal in this plan.

  Staff Albright responded that much of the modeling would inform that ratio, but they will introduce a portfolio focusing more on procurement of local resources.

- **Member Algire** asked about using City property for solar power and if anything in the IRP discussed that. Algire also provided a link to the IRP survey: https://sfpuc.typeform.com/irpsurvey and stated that she was unsure if she felt more informed about the IRP after taking the survey, even though it was an interesting survey to take.

  Staff Albright commented that a component of their analysis for the IRP would look at those local sites. They have a priority list of sites they will look at to include in the modeling. As mentioned in the schedule slide, the plan is to continue the analysis of local resource potential beyond the November 1st submission to the California Public Utilities Commission.

  Staff Hyams commented that the SFPUC conducted a local renewable assessment that focused on City property and SFPUC property opportunities as part of the last IRP cycle and this will guide this year's IRP. The CAC can look at what was done in the past as background. The report is helpful because of how they approached what types of sites would be suitable for CleanPowerSF because most sites are Hetch Hetchy power customers. The SFPUC can also provide a link to the report that was previously shared with President Moran.

- **Member Williams** asked how the SFPUC intends to provide community outreach in an easy-to-understand format because this information is too dense for the normal human being to pick up on what clean power entails.

Staff Gallotta responded that the workshops will be two hours in length. The SFPUC is planning on spending the first part of the session walking through the IRP at a high level, explaining what it is, why it is needed, and what is included. It will be like the presentation being shared with the CAC tonight, so the SFPUC appreciates the feedback being provided by the CAC members. Staff Gallotta asked whether CAC members were able to get the gist of the IRP or were there things that the SFPUC could change or add to make it more accessible as they are catering towards a non-energy expert audience, and they want the sessions to be as accessible as possible. The goal is to walk folks through the IRP and then open it up for discussion and dialogue with stakeholders around priorities and values. They will be looking at specific objectives through the IRP and SFPUC's program goals and values around affordability, reliability, and sustainability. The SFPUC will also be getting input from stakeholders around how they should balance and prioritize those values as they look ahead in terms of their energy mix and supply. They are also looking at these sessions as an opportunity to hear more broadly from customers and community about issues they care about and things they would like to see CleanPowerSF consider. The SFPUC will be compiling the feedback to share with staff what is relevant for the IRP, the customer programs team, or other aspects of the SFPUC's operations.

Member Algire commented that she got the gist of the context of the IRP in today's presentation, but not as much of the content. Algire added that she hoped two hours would give them more time to dive into the content.

- **Chair García** commented that a normal consumer would benefit from knowing how power purchasing works and that there are long-term contracts. This will help them understand how important those variables are with electrification and SFPUC's power purchasing. Chair García asked what the expected impact on rates is as the SFPUC is not the only utility that will be seeking those resources. Chair García added that more granular detail would help ground folks on how this works. Chair García asked what decarbonization and electrification would do to their power bill and what are potential programs that would help people electrify in the future.

Staff Hyams commented that it was helpful to hear from the CAC's perspective what additional foundational information would be helpful to make it more meaningful to a broader set of interested parties and community members. The SFPUC will take this back and discuss incorporating some background information on power supply contracting and how that impacts the SFPUC's costs and rates. Part of this process includes analyzing resources that the SFPUC could procure and incorporate into their portfolio and understanding the trade offs with respect to costs and rates. That is a big part of the IRP process.

Public Comment: None

6. **Presentation and Discussion: [Resolution in Support of Electric Grid Reliability on Treasure Island](#)**, Barklee Sanders, Power CAC Member

Presentation
- **Member Sanders** commented that the resolution supports reliable electricity distribution across Treasure Island and Yerba Buena. There have been about 455 outages in the last 25 years, which averages to

an outage every two weeks for the last 25 years. The outages range from four to twelve hours and some outages can span across multiple days. These numbers are averages because the data has not been tracked efficiently since about 2011. Officially, the numbers have been tracked since 2016, and there have been 124 unplanned outages since. The main reason for these outages is the old infrastructure from the Navy and part of the reason why Treasure Island has not been updated is that it is going through redevelopment. They must weigh whether the current residents want more reliable electricity or wait until redevelopment, which is why it has been more difficult to get more reliable electricity investment done for the island. Because the island falls under its own governance through TIDA (Treasure Island Development Authority), it does not fall under PG&E's reliability standards or the State's reliability standards. It is its own entity that is separate from the City, State, and Federal oversight. Treasure Island is its own little land trust, which allows it to be in the current unreliable state that it is in. Sanders commented that within the next five years or sooner, there should be significant investment in the grid, or the residents should have new housing as part of the new grid. To have a better understanding of the grid on the island, there needs to be a full system inspection. There was a full above ground inspection done, but a complete system inspection is needed, and this year's outages were caused by issues above and below ground. Treasure Island needs a full system inspection. All the vulnerabilities that Treasure Island experiences should be known, and Treasure Island should have the same standards that PG&E and other Federal regulators use to dictate reliable levels of service. The California Public Utilities Commission sets its inspection standards in Order 165. Bristol, which is a new condo that was built by developers on Treasure Island, is connected to a new power switch, new power lines, and new transformers. It has become an issue of disparity and fairness. Current residents who have lived on the island for 25 years or longer do not have reliable electricity, but their neighbors do. Sanders believes they need a full inspection that includes above and below ground infrastructure, and access to funding for emergency upgrades. Sanders also commented that a state of emergency should be declared. Residents of Treasure Island suffered many outages during the pandemic and its residents were encouraged to stay at home to slow down the spread of the virus. Treasure Island residents should always have reliable electricity, especially during a pandemic.

Discussion

- **Staff Abueg** commented that there are issues on the island that need to be addressed and added that he agrees that they should not need to wait until the whole island has been developed to address the problems.

- **Chair García** commented that Staff Abueg and Sanders worked on this resolution together and mentioned that Staff Abueg was aware of other efforts to alleviate some of the worst outages.

  Staff Abueg responded that the SFPUC does not have control of the island even though they operate and maintain it. All work needs to be approved by TIDA. TIDA owns Treasure Island, and the SFPUC operates like a contractor for them. Once they do a complete Order 165 inspection, then the SFPUC can create a work order or recommend what improvements can be made. The latest update is related to the plans to replace seven transformers. The SFPUC is having problems with that because TIDA is trying to get a different

source to do it and the SFPUC is having trouble getting the transformers because of the supply chain national crisis.

- **Chair García** commented that the resolution will be agendized and voted by the Full CAC next week.

- **Member Sanders** commented that the problem mainly falls within TIDA and the structure of how it was created. The SFPUC has been giving recommendations to TIDA but TIDA gets to approve or deny the improvements. TIDA was structured in a way that there is no control from the City, State, or Federal government, which is why this problem has lasted so long.

- **Chair García** asked if the members had any objections sending the resolution to the Full CAC and no members objected.

Public Comment: None

7. **Staff report**

- The CAC will continue to meet remotely until further notice from the Mayor's office.

Public Comment: None

8. **Future Agenda Items and Resolutions**
    - Time-of-Use Rates Update
    - Reliability: Climate Change, Wildfires, Public Safety Power Shutoffs
    - Electrification: San Francisco Climate Action Plan (update and funding)
    - Municipalization: Interconnection, FERC Order 568, CCSF Purchase Offer
    - Electric Rates & Equity
    - Power Enterprise Residential & Commercial Power Programs: Heat Pumps, CAP
    - California Community Choice Aggregation Residential & Commercial Power Programs
    - Redevelopment Projects: Hunter's Point Shipyard & Treasure Island

    Adopted Resolutions for Follow Up
    - Resolution Recommending that the SFPUC Commission Reverses its Position on the "Not to Exceed Rates" for CleanPowerSF, Move Forward with this Important Program, and Allow Staff to Move Forward with its Launch **adopted September 16, 2014**
    - Resolution in Support of SB 612 Electrical Corporations and other Load-Serving Entities **adopted on July 20, 2021**
    - Resolution in Supporting of the Transition of CleanPowerSF Residential Customers to Time-of-Use Rates **adopted on July 20, 2021**

    Public Comment: None

9. **Announcements/Comments** Visit www.sfpuc.org/cac for confirmation of the next scheduled meeting, agenda, and materials.

- **Chair García** asked for members to spread the IRP survey to their networks to ensure that the SFPUC receives good feedback from the community, organizations, and members who care about this issue.

Public Comment: None

10. Adjournment

Motion was made (García) and seconded (Algire) to adjourn the meeting.

Meeting was adjourned at 6:40 pm.