



Workshop Agenda

Subject: CPUC Actions for Microgrid Deployment

December 12, 2019

California Public Utilities Commission
Auditorium
505 Van Ness Avenue
San Francisco, CA 94102

Phone (Listen Only)

- Conference Number: 866-541-8663
- Participant Code: 4535642#

WebEx (Slide View/Submit Written Questions)

<https://centurylinkconferencing.webex.com/centurylinkconferencing/j.php?MTID=m6b19ad7f2e83f125d784bf53471c52af>

- Meeting Number: 715 037 196
- Meeting Password: !Energy1

Contact

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Background:

SB 1339, a bill enacted in 2018, directs the California Public Utilities Commission (CPUC), in consultation with the California Energy Commission (CEC) and California Independent System Operator (CAISO), to undertake a number of activities to further develop policies related to microgrids. The legislation added Chapter 4.5, Sections 8370-8372 to California's Public Utilities Code.

The CPUC voted to initiate a new rulemaking to consider how to implement the requirements of SB 1339 at its September 12, 2019 public meeting. The "Order Instituting Rulemaking" (OIR) that formally launched the new proceeding was then officially issued on September 19, 2019.

Purpose of the workshop:

The primary goal of the workshop is to identify and vet short-term actions related to microgrids that the CPUC can take in early 2020 to reduce the impact of any outages caused by public safety power shutoffs or other reasons in 2020. The workshop will also include some examples of medium- and long-term solutions and policy issues to be addressed as part of this rulemaking over the next two years and beyond.

Workshop Agenda

Thursday, December 12, 2019, 9:00AM – 5:00PM

I. Introduction 9:00 – 9:30

- Present workshop logistics & ground rules (*CPUC Staff*)
- Deliver opening remarks (*Commissioner Shiroma, President Batjer, CEC Chair Hochschild*)

II. Background 9:30 – 10:40

- Provide background on the new Resiliency & Microgrids section, context of workshop in the microgrids proceeding, and on recent developments related to Self-Generation Incentive Program (*CPUC Staff*)
- Provide overview of microgrid projects funded via the Electric Program Investment Charge Program (EPIC) program (*CEC Staff*)
- Review Public Safety Power Shutoff (PSPS) data on affected customers (*CPUC Safety & Enforcement Division*)
- Present customer impacts and needs perspective (*Sonoma County Supervisor and Center for Accessible Technology*)

Q&A

STRETCH BREAK (10 min) **10:40 – 10:50**

III. Microgrid Deployment 10:50 – 11:00

- Provide general overview of short, medium, and long-term actions conducive to microgrid deployment (*Microgrid Resources Coalition*)

IV. Potential Actions by 2020 (Part 1) 11:00 – 12:30

- Present ideas to facilitate deployment of microgrids for Fire Stations, Emergency Operation Centers and Hospitals (*GridScape*)
- Present ideas to facilitate deployment of microgrids for Schools and Community Centers (*Engie*)

Q&A

- Report on activities previously undertaken and planned for the immediate future related to substation generation, distributed generation enabled microgrids, and community microgrids (*PG&E*)

Q&A

LUNCH (60 min) **12:30 – 1:30**

V. Potential Actions by 2020 (Part 2) 1:30 – 2:15

- Present ideas for how investor-owned utilities can support development of microgrid projects by local governments (*City of Berkeley*)

Q&A

VI. Potential Actions by 2021

2:15 – 3:30

- Report on development of a combined resiliency/resource adequacy procurement and present proposal for integrating storage into load forecasts (*East Bay Community Energy*)
- Report on clean fuel cell technologies for use in microgrids and interconnection of microgrids with multiple generation resources (*California Stationary Fuel Cell Collaborative*)

Q&A

STRETCH BREAK (10 min)

3:30 – 3:40

VII. Potential Actions by 2022 and Beyond

3:40 – 4:45

- Report on progress toward development of a microgrid tariff agreements for multi-customer and multi-owner microgrid (*Redwood Coast Airport Microgrid*)
- Explore innovative microgrid ownership structures at the neighborhood scale to provide affordability and resiliency (*UC Berkeley EcoBlock Project*)

Q&A

VIII. Next Steps and Closing Remarks

4:45 – 5:00

- Review next steps in microgrids proceeding (*CPUC Staff*)
- Deliver closing remarks (*Commissioner Shiroma*)