



Presentation to the Disadvantaged Communities Advisory Group

Rulemaking to Consider Strategies and Guidance for Climate Change Climate Adaptation for Electric and Natural Gas Utilities

March 22, 2019

**Rachel Peterson
California Public Utilities Commission**





Climate Change Adaptation Order Instituting Rulemaking

Proceeding number: R.18-04-019

Objective: Provide guidance to investor-owned electric and gas utilities on how to incorporate climate adaptation into their planning and operations





Phase 1 Working Group Topics

Phase 1

1. **Definition:** Definition of climate adaptation for utilities (*Liz Whiteman, Ocean Science Trust*)
2. **Data:** Appropriate data sources, models, and tools for climate adaptation decision-making (*Juliette Hart, USGS*)
3. **Planning Guidelines:** Guidelines for utility climate adaptation assessment and planning (*Matthew Tisdale, Gridworks*)
4. **Disadvantaged and Vulnerable Communities:** Identification and prioritization of actions to address the climate change related needs of vulnerable and disadvantaged communities (*Nuin-Tara, OPR*)
5. **Decision-Making Framework:** Framework for climate-related decision-making and accountability (*Liz Whiteman & Juliette Hart, OST/USGS*)

Future Phases

May cover further refinement of guidance to energy utilities, guidance to smaller utilities, water and telecom utilities





Proceeding & Working Group Schedule

EVENT	DATE
Scoping Memo issued	October 10, 2018
Comments on Scoping Memo	15 days after Scoping Memo issued
Working group process (meetings, proposals, reports, comments, and replies)	Q4 2018 through Q2 2019, with each topic addressed sequentially
Final set of working group session report comments and replies received	Summer 2019
Proposed Decision	90 days following submission
Commission Decision	September 2019

Working Group (WG)	Initial Meeting	Second Meeting
Kick-off: Overview Presentation	Thursday, November 29, 2018, 1pm-2pm CPUC Golden Gate Room, San Francisco	N/A
WG 1: Definition of Adaptation	Thursday, November 29, 2018, 2pm-4pm CPUC Auditorium, San Francisco	Tuesday, December 18, 2018, 9am-5pm CPUC Auditorium, San Francisco
WG 2: Data Sources, Models, and Tools	Tuesday, January 8, 2019 Los Angeles	Monday February 4, 2019, 10am-4pm CPUC, San Francisco
WG 3: Guidelines for Assessment and Planning	Tuesday, February 5, 10am-12pm CPUC, San Francisco	TBD
WG 4: Vulnerable and Disadvantaged Communities	Monday, March 25 1-3pm CA Energy Commission, Sacramento	May - TBD
WG 5: Decision-making framework	TBD	TBD





Progress to Date

Definition of Adaptation

- Completed discussions on Topic 1: Definition
- Issued Staff Proposal on *Proposed Definition of Climate Adaptation for Utilities*

Data Sources

- Completed discussions on Topic 2: Data Sources, Models, Tools
- Issued Staff Proposal for discussion at the 2/4 meeting

Guidelines for Utility Adaptation Assessment and Planning

- Initial working group meeting on February 5
- Staff Proposal and second meeting are forthcoming





Definition of climate adaptation for electric and gas utilities

Strategic and data-driven consideration and incorporation of current and likely future climate-driven risks into utility planning, operations, and communications, in order to maintain safe, reliable, affordable, and resilient operations, in alignment with state policy goals.

CPUC Staff Proposal – discussed during 12/18/18 WG meeting

Final Session Report – sent to service list, 1/25/19





Climate Data Sources, Models, and Tools

Provide guidance to utilities on which data sources and models should be utilized as the basis for inputs into their planning processes.

- Identify climate data currently considered by IOUs
 - Identify a set of data criteria for selection of appropriate climate data
 - Applicability of data guidelines from other state agencies
- Staff Proposal – Climate Data Sources, Models, and Tools for Use in IOU Planning (issued 1/23/19)
 - Recommends IOUs adhere to guidance provided to most recent Climate Assessment climate data use guidelines
 - Proposes an initial set of data criteria for discussion
 - Proposes a Technical Advisory Group to review and update IOU climate data criteria and guidelines, annually





Guidelines for Utility Climate Adaptation Assessment and Planning

Develop recommendations as to how the CPUC and IOUs should select climate-related inputs for their planning and operations

- Initial working group meeting at the CPUC on February 5
- Second meeting TBD





Vulnerable and Disadvantaged Communities

Develop recommendations on how to identify and prioritize investments and other activities that address the needs of vulnerable and disadvantaged communities as related to climate change impacts

- First working group meeting on Monday, March 25 from 1-3pm at the California Energy Commission in Sacramento
- Discuss the definition of disadvantaged and vulnerable communities
- Staff has shared a background memo with working group participants
 - Proposes definitions for vulnerable and disadvantaged communities for discussion
 - References DAC AG's Equity Framework and definition of disadvantaged communities





Vulnerable and Disadvantaged Communities

- The second working group meeting for the Vulnerable and Disadvantaged Communities Topic will be in May and will focus on the following questions:
 - How should utilities and Commission include vulnerable and disadvantaged communities in their efforts to identify and prioritize climate adaptation investments?
 - How should investments and other activities benefiting these communities in the context of climate change impacts be identified and prioritized?
- Staff is developing a facilitation document for the May meeting; similar to memo for 3/25 meeting





Request for DAC AG Input

- Welcome input from the DAC AG; either as a joint body or from individual members
- Written input, presented at May working group meeting, is best way to ensure recommendations are included in the Working Group Session Report
 - Alternatively, if you are a party to the proceeding, you can submit your input via the normal comment process
- Due to timing of proceeding, would be best to focus comments on the questions that will be covered in the May meeting
- Participate in working group meetings either in person or remotely (WebEx)
- Working Group meetings are open to the public





March 25 Meeting Information

Monday, March 25, 2019
1:00pm – 3:00pm
Art Rosenfeld Hearing Room
California Energy Commission
1516 Ninth Street, First Floor
Sacramento, CA

WebEx and call-in number for the meeting:
Event number: 929 144 916
Event password: This event does not require a
password.

Event address for attendees:
<https://energy.webex.com/energy/onstage/g.php?MTID=e73900e2c9cb92b493f15172b436e9ef0>

Call-in toll-free number: 1-866-469-3239
Call-in toll number: 1-650-429-3300; Access
code: 929 144 916





Thank you!
For Additional Information contact:

Sarah Owens at sarah.owens@cpuc.ca.gov

