

DOCKETED	
Docket Number:	18-IEPR-05
Project Title:	Climate Adaptation and Resiliency
TN #:	224356
Document Title:	CPUC Rulemaking on Climate Adaptation
Description:	Presentation by Kristin Ralff Douglas, CPUC, at the August 2 Joint Agency Workshop on Climate Adaptation and Resiliency
Filer:	Denise Costa
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	8/1/2018 7:23:29 PM
Docketed Date:	8/2/2018



CPUC Rulemaking on Climate Adaptation



Kristin Ralff Douglas
Policy & Planning Division, CPUC
August 2, 2018





CPUC Rulemaking on Adaptation

- R.18-04-019 – This Rulemaking considers strategies to integrate climate change adaptation matters in relevant Commission proceedings.
- The Rulemaking was voted out on April 21st, and issued on May 7
- This first phase is focused on electric and natural gas utilities, with water and telcom following in subsequent phases.





Prudent Next Step

Robust climate adaptation planning in a time of worsening climate impacts is a prudent next step to ensure the safety and reliability of all investor-owned public utilities.

The OIR referenced much of the work that has been undertaken by our sister agencies and the leadership of the governor's office on adaptation to climate change:

- Safeguarding California
- OPR's Guidance document
- Ocean Protection council's sea-level rise guidance
- Cal-Adapt





Continuation of Work

The IOUs have also been working on aspects of adaptation for several years

- DOE Partnership
- Vulnerability Assessments and Resilience Plans
- Definition of a Resilient Utility
- Cost/Benefit Analysis of Investments in Adaptation





Parties Asked to Provide Comments

On June 5, parties submitted their thoughts on the following questions:

- How should the Commission define climate adaptation for IOUs?
- What climate-related data sources, scenarios, tools, and other resources should be used to inform Commission activities and utility planning?
- What climate parameters should the Commission use to determine climate-driven risks and resilience for electric and natural gas utilities?
- How should climate scenarios, climate-relevant parameters, and resilience metrics be used in electric and gas utility planning and operations, and in Commission proceedings, to address climate adaptation in a consistent manner?
- How can electric and natural gas utilities identify climate impacts specifically relevant to disadvantaged communities, and address those impacts?





Highlights

Here are a few highlights from the stakeholder submittals:

- Mitigation prior to events, response during events, restoration after events
- Infrastructure and system improvements, operating practices, outreach to communities
- Vulnerability Assessments including supply chain and energy production risks





Highlights (Con't)

Here are a few highlights from the stakeholder submittals:

- Clear, measurable objectives that prioritize hazards
- Performance-based adaptation framework
- Flexible Adaptation Pathways (measures implemented over time to adjust to changing technologies and information)
- Classification system for hazards and risks as extreme, cascading and compounding, or gradual
- Climate parameters specifically relevant to energy utility planning and resilience
- A common planning scenario and timeframe for the electric and natural gas industry
- Determination of planning for the averages or the extremes
- Iterating efforts





Highlights (Con't)

Here are a few highlights from the stakeholder submittals:

- Method to view and reconcile the trade offs between mitigating climate risk and affordability, and between various risk factors
- Cross sectoral coordination; shared responsibility amongst many stakeholders (including state, local, and federal governments, private sector entities, POU's and IOUs, and community based organizations)
- Communication and partnerships and robust engagement with communities and local governments





Workshop August 6th

The Pre hearing conference is August 6th from 1-2pm
It will be preceded by a demonstration of Cal-Adapt
It will be followed by a workshop on Cal-Adapt

- Call-in Information (Listen-in only mode)
800-857-1917, passcode 92105#
- Webcast Information
<http://www.adminmonitor.com/ca/cpuc/>





Thank You!

**For further information related to CPUC adaptation proceeding
please contact :**

**Kristin Ralff Douglas
Policy & Planning Division
krd@cpuc.ca.gov**

