



California Public Utilities Commission Annual Safety En Banc

October 19, 2016
505 Van Ness Avenue, San Francisco
9:15 a.m. to 5:30 p.m.

Interconnected Infrastructures

California depends on the safe, reliable delivery of services over multiple critical infrastructures, including electricity, gas, communications, transportation, and water.

This day-long En Banc will explore the manner in which these critical infrastructures are interconnected, such that a disruption in one infrastructure may have cascading adverse effects in others. For example, natural gas is used for cooking, space heating, and water heating, but is also used for generating electricity; electricity is used to power homes and businesses, but is also needed to pump water around the state; and wired and wireless communications networks depend on properly engineered utility poles.

Invited participants will separate into three concurrent Breakout Sessions to discuss three topics related to interconnected infrastructures. After lunch, the En Banc will reconvene in the Auditorium where the Breakout Sessions' respective leads will present the results of their discussions and take questions.

NOTE: This en banc is independent of any Commission proceeding, and panelists are forbidden from making ex parte comments related to open proceedings during their presentations or discussions. No Commission Decision will issue as a result of information shared in this en banc.



9:15 - 9:30: **Welcome and Introductions** (Karen Clopton, Chief ALJ, CPUC; Wendy Pratt, Crowe Horwath, Facilitator)

9:30 - 10:00: **Opening Speaker** (Michael E. Legatt, ResilientGrid, Inc.)

10:00 - 10:15 **Goals for Breakout Sessions** (Facilitator)

(15 minutes relocation time)

10:30 - 12:30 : **Concurrent Breakout Sessions:**

Session 1: Information and Communication between Interconnected Infrastructure Providers and Stakeholders

- **President Michael Picker, CPUC (Presenter)**
- **Geisha Williams, President, PG&E (Presenter)**

Ronald Nichols, President, SCE

Tony Marino, Senate EUCC Subcommittee Consultant

Evelyn Kahl, Energy Producers and Users Coalition

Brien Bell, Google Fiber Expansion Lead, Western Region

Peter White, Executive Director, AT&T

Professor Paul Schulman, Mills College and University of California, Berkeley

David Fukutomi, Deputy Director for Response and Recovery Operations, CalOES

Charlotte TerKeurst, CPUC Safety and Enforcement Division

Marla Blagg, Emergency Manager, Bay Area Rapid Transit (BART)

Ken Hudnut, Science Advisor for Risk Reduction, USGS

Robert Strauss, CPUC Energy Division

Session 2: Managing Interconnected Infrastructure Risk During Technological Change

- **Commissioner Liane M. Randolph, CPUC (Presenter)**
- **Tom Long, Legal Director, The Utility Reform Network (Presenter)**

Commissioner Catherine J.K. Sandoval, CPUC

Nick Stavropoulos, President, PG&E



David Geier, VP of Electric Transmission and System Engineering, SDG&E
Gerald Simon, Chief Safety Officer, Cal Water
Mark Capurso, Director – Engineering, Frontier Communications
Michael Legatt, ResilientGrid, Inc.
Rohan Ma, Sr. Director of Grid Engineering Solutions, Solar City
Davis White, Director of California Public Affairs, Uber
Elizabeth Echols, CPUC Office of Ratepayer Advocates
Karen Eckersley, CPUC Communications Division
Lee Palmer, CPUC Safety and Enforcement Division
Mary Claire Evans, CPUC Energy Division

Session 3: What Is The Regulatory Role When Interconnected Infrastructure Risk Surrounds Regulated and Unregulated Industries?

- **Commissioner Mike Florio, CPUC (Presenter)**
- **Bret Lane, President and Chief Operating Officer, SoCalGas (Presenter)**

Travis Johnson, P.E., Vice President of Operations, Liberty Utilities
Chief David Shew, CALFIRE
Dorothy Duda, CPUC Office of Safety Advocates
Professor Karlene Roberts, University of California, Berkeley
Aaron Clark-Ginsburg, D.H.S. Cybersecurity Postdoctoral Scholar, Stanford University
Jim Penney, General Counsel, Wave
Sean Nozzari, PE, Deputy District Director, Caltrans
Arthur O'Donnell, CPUC Safety and Enforcement Division
Michael Morris, CPUC Communications Division
Molly Sterkel, CPUC Energy Division

12:30 - 1:30: **Lunch**



1:30 - 4:00: **Reports from Breakout Sessions and Q&A**

The Presenters (Commissioner(s) and Presidents(s)) will report on the lessons from their respective sessions and take questions from Commissioners and participants.

Session 1: 1:30 – 2:15

Session 2: 2:15 – 3:00

Break: 3:00 – 3:15

Session 3: 3:15 – 4:00

4:00 – 4:30: **Closing Speakers** (Maryam Ebke, CPUC Safety Ombudsman;
Michael E. Legatt, ResilientGrid, Inc.)

4:30 – 5:00: **Public Comment**

5:00 – 5:30: **Wrap-up and Next Steps**

