



CFEE SEMINAR

Energy 101 What Goes Into Keeping the Lights On?

Friday, August 21

11:00am - 12:15pm

Our distinguished guest speakers:

- **Severin Borenstein**, Board of Governors, California Independent System Operator (CAISO) and Professor, Energy Institute at Haas, UC Berkeley
- **Jan Smutny-Jones**, Chief Executive Officer, Independent Energy Producers Association
- **Kerry Hattevik**, President, Trans Bay Cable
- **Mark Willis**, Director of Grid Operations, Sacramento Municipal Utility District
- **Michael Colvin**, Director, California Energy Policy & Markets, Environmental Defense Fund

AGENDA

Energy 101

What Goes Into Keeping the Lights On?

As a historic heatwave blankets much of California and the West Coast, our state's energy system has been pushed up to, and sometimes past, its breaking point. What goes into the successful operation of the electric grid, and what factors may have contributed to last Friday and Saturday's outages? This Seminar will provide a "101" on California's power plants, transmission and distribution infrastructure, utility companies, as well as state policies, programs, and agencies as we explore current and future challenges to our energy system.

- What is the role of the California Independent System Operator (CAISO)?
 - What happens when CAISO projects insufficient energy supply to meet demand?
 - What role does the California Public Utilities Commission play in establishing energy targets and purchases?
 - Who is generating our power, and where is it coming from?
 - Once generated, how is energy distributed to reach the end consumer?
 - What does California's energy mix look like today? How will it change as we pursue renewable energy goals?
 - What type of conditions can result in unplanned power shutoffs?
 - What programs do we have in place to ensure we have sufficient energy supply to meet customer demand?
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