

## 2014 LTPP Operational Flexibility Modeling Workshop | April 24, 2014, 10am – 4pm

CPUC Auditorium, 505 Van Ness Avenue, San Francisco, CA

Teleconference number: 866-687-1443 Participant code: 1049466

WebEx: <https://van.webex.com/van/j.php?MTID=m485f170d519eea203079d79986ac386d>

Meeting number: 741 361 305

Meeting password: ltp

**For technical difficulties during the workshop, contact Neal Reardon at [neal.reardon@cpuc.ca.gov](mailto:neal.reardon@cpuc.ca.gov)**

### Purpose

This workshop's purpose is to introduce operational flexibility modeling to parties in the 2014 Long-Term Procurement Plan (LTPP) Proceeding (R.13-12-010) and develop consensus on a framework to compare different models and their results to inform resource procurement decisions. This workshop should advance the goals of:

- agreeing on a common set of questions each model should answer
- agreeing on output reporting requirements and definitions.

### Agenda:

An overview of operational flexibility models for the 2014 LTPP		
10:00 – 10:10	10	<b>Introduction / Schedule</b>
10:10 – 10:50	40	<b>PG&amp;E (Antonio Alvarez)</b> Discuss the primary questions planning models should answer, the complexities of such modeling, and the methods for comparing different models and their results.
10:50 – 11:20	30	<b>CAISO (Shucheng Liu)</b> Discuss the key differences between deterministic modeling and stochastic modeling and the pros and cons of each method.
11:20- 11:50	30	<b>Energy Division (Donald Brooks)</b> Discuss the use of stochastic modeling for studying grid reliability, and how the SERVM model being used in the Resource Adequacy Proceeding can inform the flexibility question.
11:50 – 12:50	60	<b>Lunch Break</b>
Outputs and Metrics of Operational Flexibility Modeling to Inform Policy		
12:50 – 1:20	30	<b>CAISO (Shucheng Liu)</b> Discuss a proposal for Reporting Requirement metrics for each model type and standardization of outputs and definitions.
1:20 – 2:20	60	<b>Panel (PG&amp;E, SCE, CAISO, TURN, Energy Division) / Audience Discussion</b> Respond to the proposal for Reporting Requirement metrics and discuss what is necessary to compare and interpret different models and their results in order to best inform resource procurement decisions.
2:20 – 2:30	10	<b>Break</b>
2:30 – 3:30	60	<b>Panel / Audience Discussion - continued</b>
3:30 – 4:00	30	<b>Wrap up / Next Steps</b>