

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



**Workshop Agenda R.11-10-023**  
***Reliability Modeling Project – Inputs and Assumptions***  
***CPUC Auditorium | 505 Van Ness Ave***  
***11:00 am – 5:00 pm***

***Call in number: (866) 812-8481. Participant code: 9058288#***  
***WebEx – see next page***

**11:00 am – 11:10 am** – Introductions and announcements

- Today's Objective: to introduce proposed modeling data and assumptions to stakeholders and document technical details about the Energy Division reliability modeling proposal

**11:10 am – 11:30 am** – Introduction to SERVVM reliability calculator

**11:30 am – 12:15 pm** – Regions and weather

- What areas are studied – internal to CAISO and external to CAISO
- What study years are modeled
- Overview of data sources

**12:15 pm - 1:00 pm** – Neural network modeling – load shapes and wind/solar profiles

- Introduction to neural net modeling
- Applications for load and wind/solar profiles
- Overview of data sources

**1:00 pm – 2:00 pm** – Lunch

**2:00 pm – 2:30 pm** – Basic data applicable to all generators

- Different generator types in SERVVM
- Generator name, max capacity, in service and retirement dates
- Heat rate/ramp rate inputs
- Overview of data sources

**2:30 pm – 3:15 pm** – Hydropower facility inputs

**3:15 pm – 4:00 pm** – Demand response inputs

**4:00 pm – 4:45 pm** – Energy storage inputs

**4:45 pm – 5:00 pm** – Next steps / Question and answer

- Questions and comments
- Proceeding schedule – additional proposals/workshops/comments

**Thank you for your participation**

## **WebEx and Call-in Information**

**WebEx link:**

<https://van.webex.com/van/j.php?ED=228520967&UID=491292852&PW=NMDRiYjUzNDZi&RT=MIM0>

**Meeting number:** 749 806 651

**Meeting password:** ELCC

**Call-in number:** (866) 812-8481

**Call-in code:** 9058288#