

Energy Division Informational Meeting: Variability Studies / Renewable Integration Modeling

May 3, 2012

CPUC Auditorium, 505 Van Ness Ave., San Francisco

Background and Purpose of the Meeting:

In the 2010 Long Term Procurement Plan (LTPP) proceeding, initial assessments of system impacts associated with increased generation and load variability were conducted. Many parties to the LTPP, including the CAISO who led these studies, entered into a settlement agreement. As part of the agreement, the CAISO and the technical working group agreed that the study results were premature for use in an LTPP decision by the end of 2011 but that work should continue with an update from the CAISO in early 2012 and a Commission decision by the end of 2012. The continued work in collaboration with technical working group has:

- 1) Performed detailed analysis of the reserve margin
- 2) Incorporated probabilistic methods to the study approach
- 3) Analyzed the drives and sensitivities resulting in the operational requirements
- 4) Performed 5 minute simulations
- 5) Explored regional reserve modeling and coordination
- 6) Incorporated results of local capacity study results
- 7) Prepared for analyzing alternatives

The purpose of this workshop is for the CAISO and other technical working group members to present the work undertaken since the settlement agreement and to solicit informal feedback to help guide the use of studies undertaken in the 2012 LTPP.

Call-in Information:

Phone: 866 687 1443

Access Code: 737358

Agenda and Supplement:

Forthcoming (estimated 4/27).