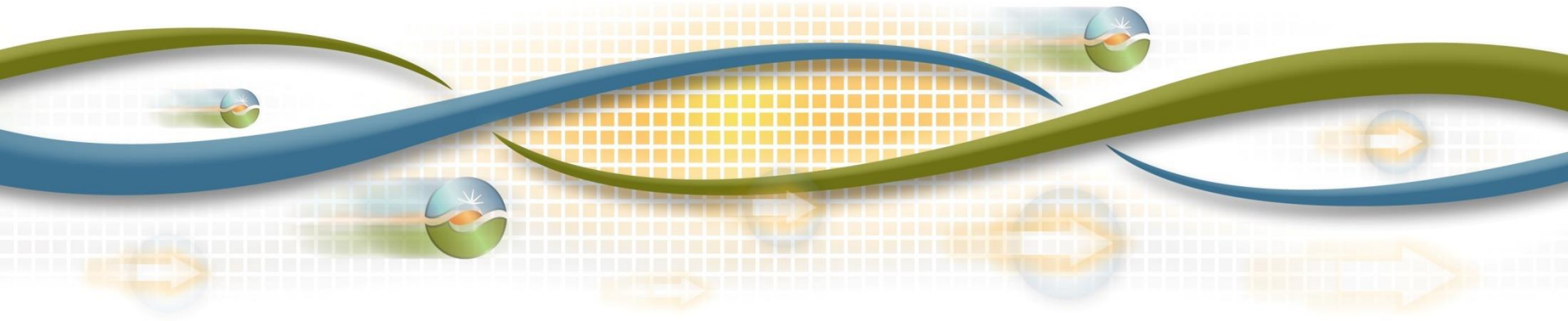




Briefing on preliminary 2016 Summer Loads & Resources Assessment results

Robert Emmert
Manager, Interconnection Resources

Board of Governors Meeting
General Session
March 25, 2016



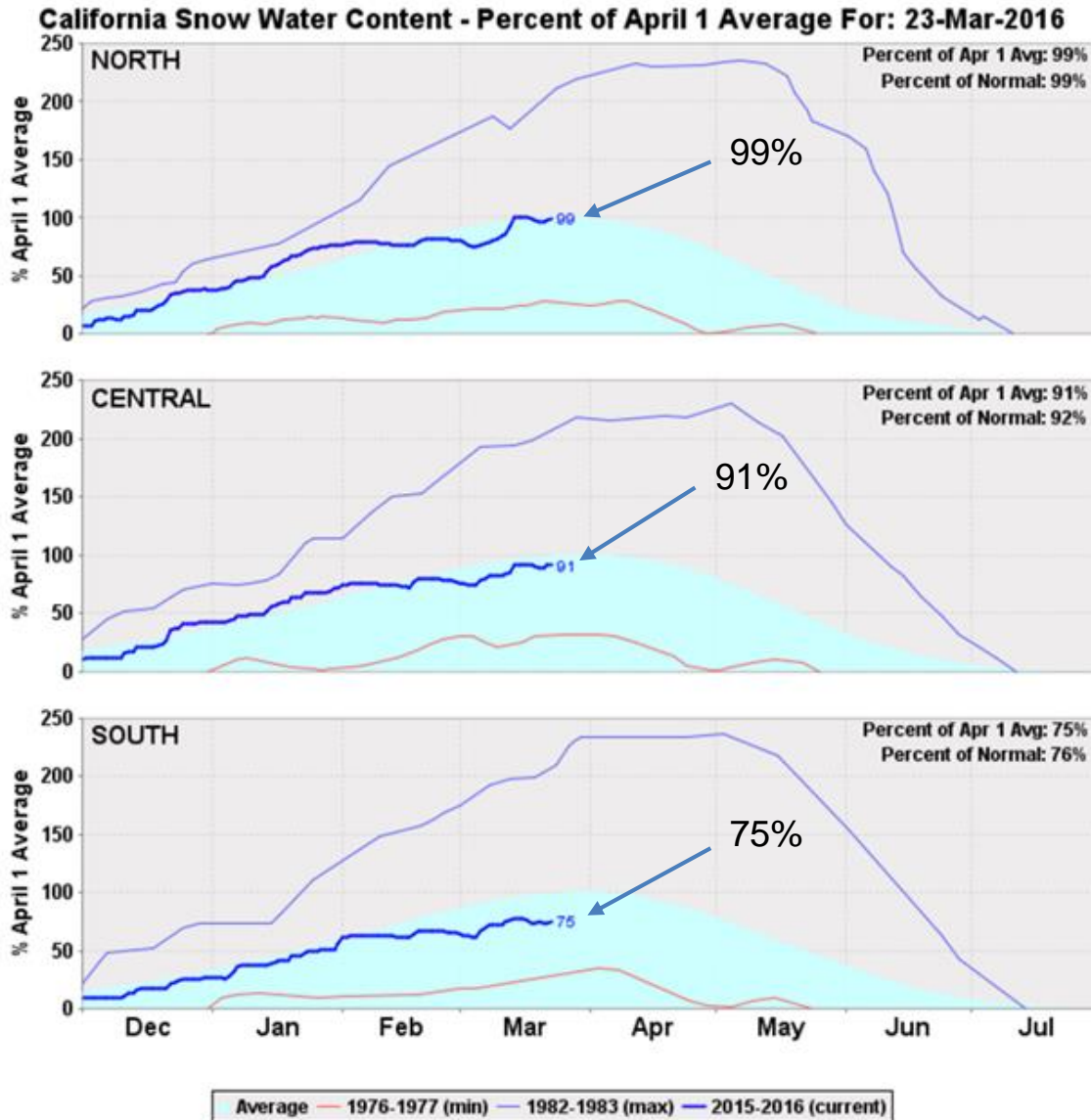
2016 Summer Loads & Resources Assessment includes:

- Forecasts of ISO system and IOU TAC areas:
 - Peak demand
 - 2016 1-in-2 peak demand forecast is 47,529 MW (<1% growth rate)
 - New generation resource additions
- Results of reserve margins for the ISO, NP26 and SP26 using 2,000 different load and renewable generation scenarios
- Discussion of hydro conditions and expectations for the summer power supply
- Analysis does not include potential reliability impacts due to limitations in Aliso Canyon gas storage facility

Key results:

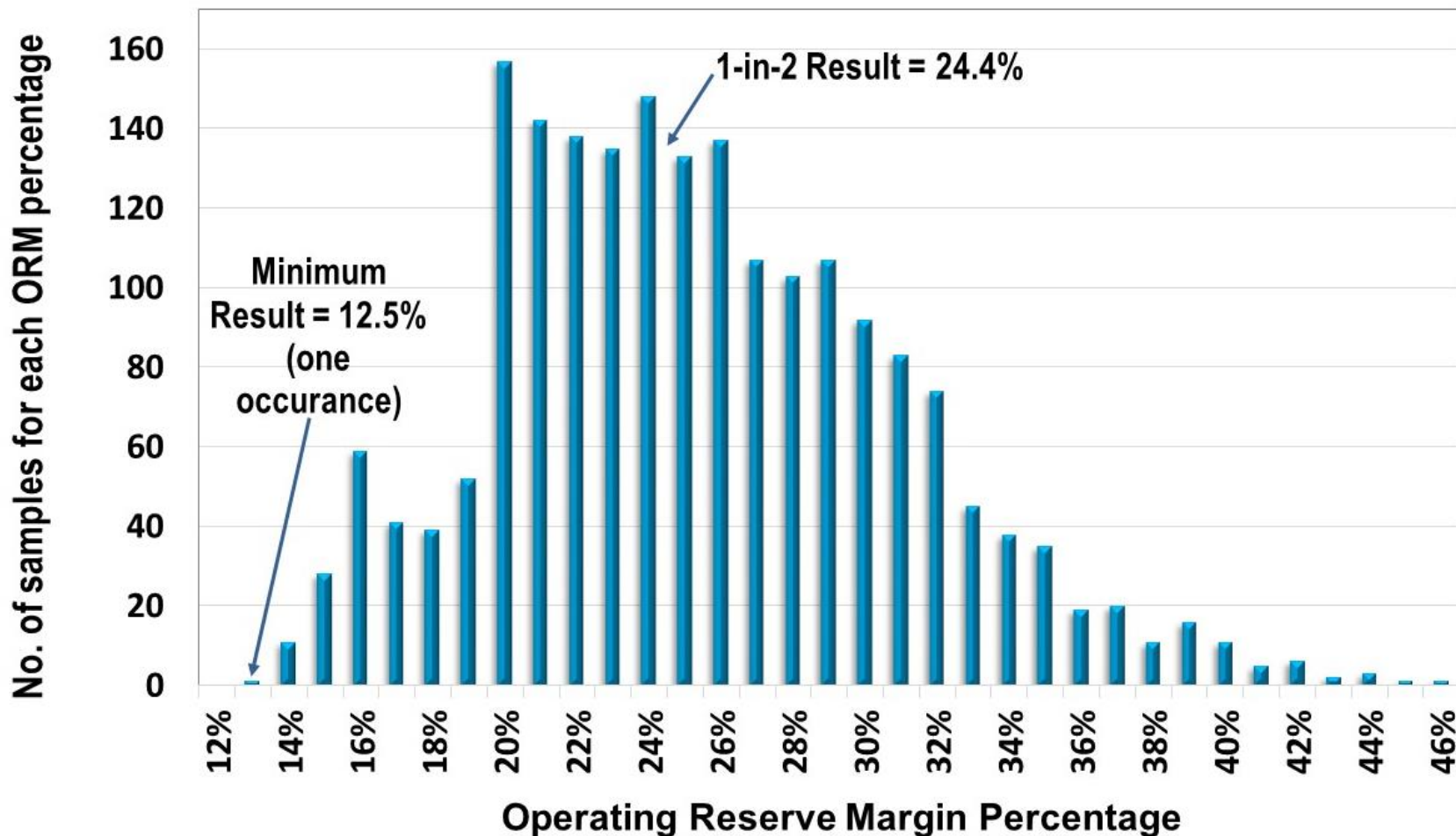
- Adequate reserve margins to meet peak summer demand
 - 1-in-2 ISO operating reserve margin: 24.4%
- Hydroelectric capability is projected to be near normal for 2016 spring and summer seasons
- Additional 2,300 MW of new generation – 85% solar, 335 MW retired

Hydroelectric capability is projected to be near normal statewide snow water content at 90% as of March 23



Median ISO operating reserve margin result is 24.4%
(minimum margin is 12.5%, firm load shedding may occur at 3%)

2016 Annual Minimum ISO Operating Reserve Margin Distribution



Next steps

- Final report targeted for publication in early May
- Final report will include a summary of findings from ongoing Aliso Canyon reliability studies