

## SOTI MAC Report

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The WECC staff provided an overview and summary of the State of the Interconnection (SOTI) report, including takeaways and recommendations, at the September 10 WECC Board meeting. The SOTI report provides information on trends in generation, load characteristics, regional transfers, and transmission at both the state and regional levels. The report also provides information on system performance, including outages and compliance performances. The SOTI is an interactive report with information available at the Balancing Authority level. The key takeaways provided in the WECC presentation included—

- Clean energy initiatives driving resource changes;
- Net demand decreasing due to rooftop solar;
- Decline in system protection misoperation; and
- More energy alerts in 2019 (wildfires, etc.).

From a WECC perspective, the report emphasizes the need for new thinking related to resource adequacy assessments, planning reserves, and load forecasting scenarios integrating climate change (severe weather). The MAC Resource Adequacy Work Group is coordinating with WECC staff to develop a Western vision of a long-term resource adequacy assessment.