



2018 Illinois Winter Preparedness Policy Session

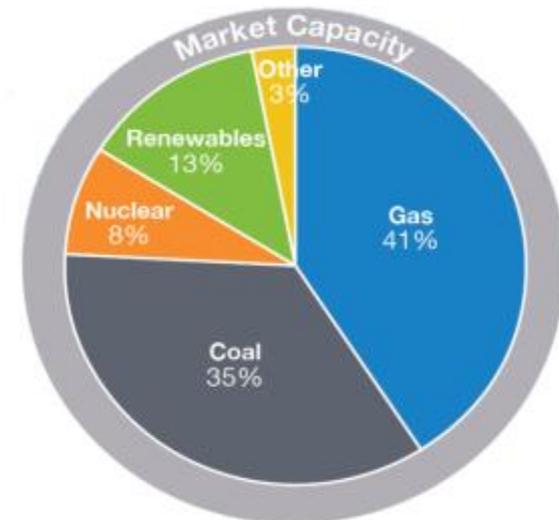
November 2017
Bob Kuzman

MISO ensures reliable delivery of electricity, at the lowest cost, across the grid in 15 U.S States and Canadian province of Manitoba

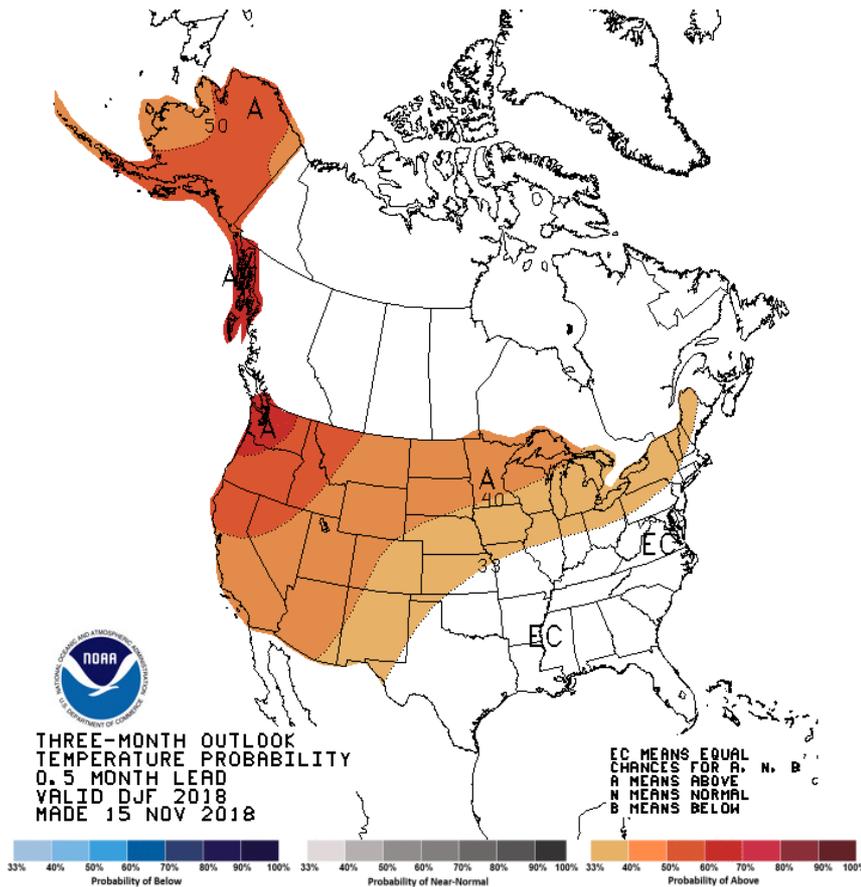
Vision: The most reliable, value-creating RTO



High Voltage Transmission	65,800 miles
Generation Capacity	174,000 MW
Summer Peak Demand	127,125 MW
Winter Peak Demand	109,307 MW
Customers Served	42 Million



Winter Outlook: Adequate resources are projected to meet demand for Winter 2018-2019.



MISO Preliminary 2018-19 Winter Forecast

MISO Wide Reserve Margin Target	17%
Projected Reserve Margin	36%
Winter Peak Forecast	103 GW
Total Projected Available Capacity	140 GW

**All-time Winter Peak:
109 GW on January 6th, 2014**

NOAA forecasts warmer than normal temperatures for most of the MISO footprint

Emergency preparedness efforts bolster reliability during the winter months and year-round

Gas Electric Coordination and Winter Fuel Survey further increase Gas-Electric situational awareness

Winter Readiness Workshops, Drills and Winterization Guidelines facilitate Emergency Preparedness

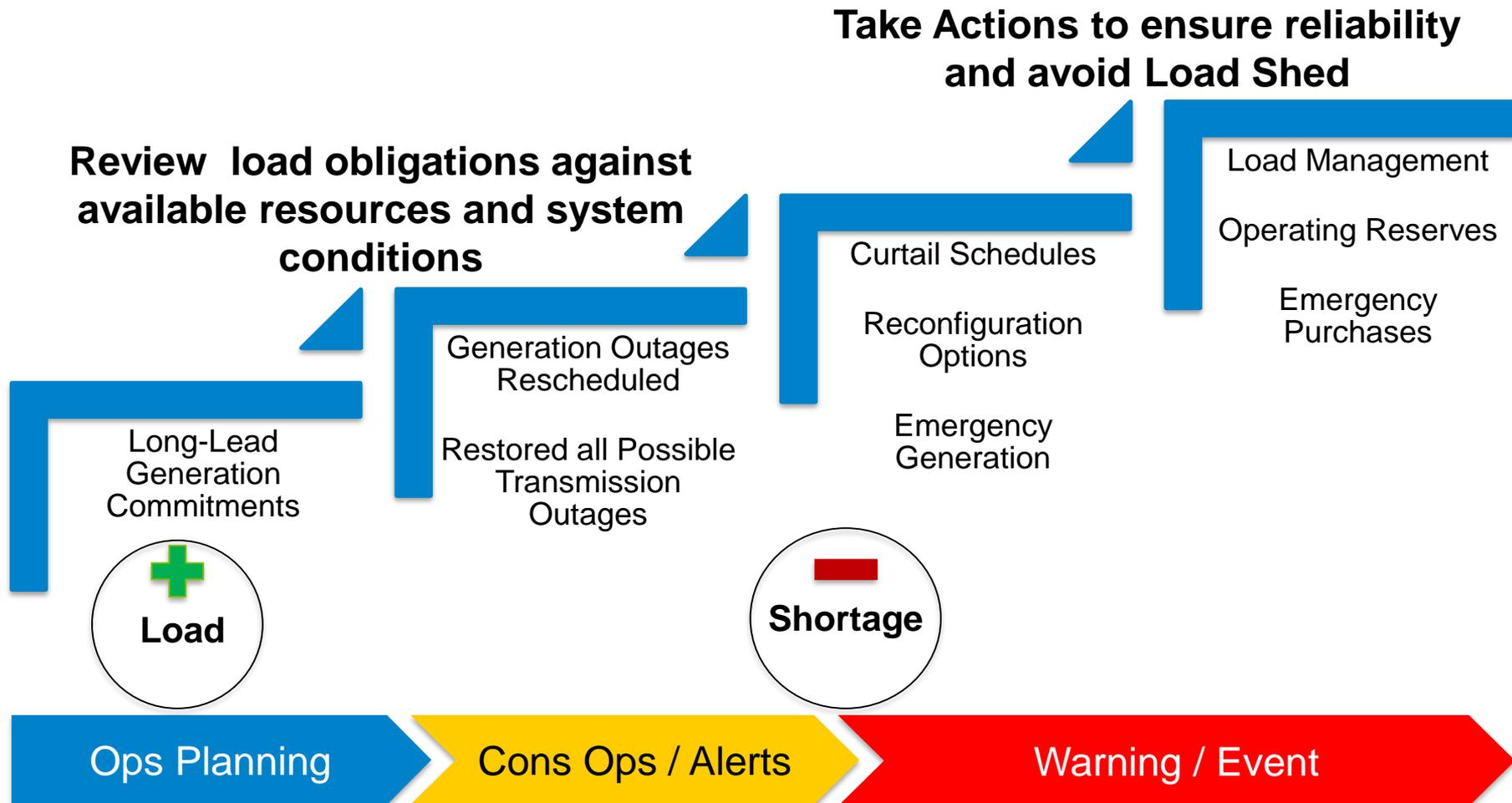


Energy Offer Cap and Gas Pipeline visibility tools enable MISO Operators to manage extreme circumstances

Lessons Learned from previous events have been incorporated into daily operations

Appendix

In Real-Time, unplanned outages and other unknowns may require additional actions



MISO continues to promote cost-effective and innovative solutions that increase preparedness and the ability to respond appropriately to challenging situations

Continued improvements on Emergency Pricing

Conduct drills and training on Emergency Purchases with external entities

Improve management of uncertainty between DA and RT load forecasts

Continue to work with Joint Parties on management of the Regional Dispatch Transfer

Coordinate with RAN* effort to address demand side management and emergency procedures