



2017 Regional System Plan (RSP17) Scope of Work

Planning Advisory Committee Meeting

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Background and Summary

- Changes have been made to the OATT, including Attachment K, in response to stakeholder requests
 - Issue RSP reports no less than once every three years
 - Change the timing of the RSP page turn, public meeting, and issuance from specific months to more generic requirements (that better coordinate with stakeholder schedules, ISO workloads, and the processes of neighboring systems)
- Based on stakeholder feedback, the ISO's intent is to publish an RSP Report every other year starting in 2017
- Other ISO reports should not be affected by this change
- PAC discussions will continue normally
- Today we will discuss the draft scope of RSP17 and key milestones



Key PAC Discussions and RSP17 Content

- Forecasts of gross load, energy efficiency, and behind-the-meter photovoltaics, and combined into a net load forecast
- Projections of the systemwide need for capacity and operating reserves
 - Examination of system needs, accounting for known and anticipated retirements and the addition of resources, including the effects of the EE and PV forecasts
 - Capacity zone configurations
 - Resource adequacy requirements
 - Existing and future resource development, including capacity auction results



Key PAC Discussions and RSP17 Content, cont.

- Transmission system needs, solutions, and cost considerations
 - Transmission system needs assessments to meet reliability criteria and improve economic performance and associated solutions studies
 - Studies and projects will be divided into near-term and longer-term Order 1000 categories
 - Discuss planning assumptions and the Technical Guide, including competitive solicitations
 - Include summaries of processes and status of Market Efficiency Transmission Upgrades and Public Policy Transmission Upgrades
 - RSP Project List and Asset Condition List
- Interregional Planning Coordination and Studies
 - IPSAC and other interregional planning activities



Key PAC Discussions and RSP17 Content, cont.

- Fuel-related risks to system reliability and solutions
 - Recent events and variability of natural gas prices
 - Short-term solutions
 - Needed longer-term improvements to pipelines and planned market enhancements addressing the issue
- Effects of existing and proposed changes to environmental regulations on generators and the power system
 - Update of Environmental Protection Agency and state environmental regulations and their potential impact on generating units in the region
 - Emission analyses
 - Relicensing timelines for hydroelectric generators and nuclear units
- Variable resource integration issues, including strategic transmission analyses and economic studies
- Federal, regional, ISO, and state initiatives



RSP17 Report Preparation

- Keep RSP17 to a manageable size
 - Summarize updates to content in previous RSP executive summaries
 - Summarize new key messages
 - Reference detailed supplemental documents posted on the ISO website
- Streamline RSP chapters
 - Enhance readability by shortening overall length
 - Greater focus on new and timely issues
 - Emphasis on key messages facilitates stakeholder review
 - Details provided in references and supporting reports



Next Steps: Planned RSP17 Milestones

Milestone	Action
July 7	Post complete draft RSP for PAC review
July 24	Receive comments from PAC
July 31	Post summary of PAC comments with preliminary ISO response
August 3	PAC page turn
August 30	Post Public Meeting Draft RSP
September 7	Receive stakeholder comments and questions
September 14	Public Meeting

