

# Draft 2017 Northeast Coordinated System Plan (NCSP17) Scope of Work

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*IPSAC WebEx*

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# Northeastern ISO/RTOs Planning Coordination Protocol (*Background*)

- ISO-NE, NYISO and PJM follow a joint planning protocol to coordinate planning and address interregional issues
  - Data and information exchange
  - Coordinate interconnection requests and transmission requests with cross-border impacts
  - Consistent with Order 1000
- The Joint ISO Planning Committee (JIPC) performs planning studies, as necessary, including an open stakeholder review and input process
- Develop a Northeastern Coordinated System Plan

# Northeastern ISO/RTOs Planning Coordination Protocol (*Background*), cont.

- The Interregional Planning Stakeholder Advisory Committee (IPSAC) input includes, as necessary, reviews of study scopes, assumptions, and draft results
- The ISO/RTOs are implementing the Planning Protocol consistent with interregional requirements of FERC Order 1000
  - Requires the sharing of information regarding the respective needs of each region, and potential solutions to those needs; and
  - the identification and joint evaluation of interregional transmission facilities that may be more efficient or cost-effective solutions to those regional needs
  - Allocate the costs between or among the ISO/RTOs associated with Interregional Transmission Projects that are located in one or more regions and selected by those regions for cost recovery

# NCSP17 Outline

*NCSP17 will be a high level document that provides references to detailed information*

- Executive Summary (*Section 1*)
- FERC Order 1000: Transmission Planning & Cost Allocation (*Section 2*)
- Implementation of the Interregional Planning Process under Order No. 1000 (*Section 3*)
- Coordination of the Needs of the ISO/RTO Systems with Transmission Projects Having Potential Interregional Impacts (*Section 4*)
- Other Interregional Planning Activities with appropriate references (*Section 5*)
- Summary and Conclusions (*Section 6*)

# NCSP17 Timeline

- Draft NCSP17 report posted for stakeholder review during March 2018
- Stakeholders will have approximately two weeks to submit comments
  - Comments should be submitted to your usual ISO/RTO contacts
  - JIPC will finalize the report after reviewing all comments
- Today we will review and discuss the scope of NCSP17
  - NCSP17 primarily addresses 2016 – 2017 interregional planning activities

# NCSP17 Executive Summary (*Section 1*)

- Summarizes the Northeastern ISO/RTO Coordinated Planning Protocol requirements and how compliance was achieved
- The ISO/RTOs coordinate interregional planning studies of needs and solutions as necessary
- Reviews interregional planning activities and references results

# NCSP17 FERC Order 1000: Transmission Planning & Cost Allocation (*Section 2*)

- Summarizes the Northeastern ISO/RTO Coordinated Planning Protocol
  - Need for interregional planning data coordination
  - Conduct required analyses as appropriate
- Describes the ISO/RTOs Order 1000 requirements
  - Share information across borders
  - Review regional planning needs and solutions
  - Consider and jointly implement interregional solutions, if any
  - Perform interregional cost allocation

# Summary of ISO/RTO System Plans (*Section 3*)

- Each ISO/RTO has developed regional plans through their open stakeholder process
  - Identified and met requirements for reliability, economic performance, and public policy
- NCSP17 will summarize the respective regional planning processes
  - Timing
  - Planning cycles
  - References to study results and key documents



# Coordination of Needs and Transmission Projects with Potential Interregional Impacts (*Section 4*)

- Implementation the interregional planning process
  - Coordinate individual ISO/RTO processes
  - Perform joint planning studies
  - Coordinate system improvements across interregional borders as needed
- Coordinate data and planning models
- Identify potential regional needs as a potential driver of interregional needs
- Discuss Transmission Projects within each of the ISO/RTOs that could affect interregional system performance
- Provide references to
  - The status of interregional ties under development
  - Projects in the interconnection queues that have been coordinated across ISO/RTO borders

# Additional Coordinated Planning (*Section 5*)

## *Studies and databases have been coordinated*

- Northeast Power Coordinating Council (NPCC)
  - Statutory activities relating to standards, compliance, and enforcement
  - Coordinates planning assessments for Quebec, the Maritimes, Ontario, NYISO, and ISO-NE within the broad region and with PJM
  - NPCC Overall Transmission Assessment and Resource Adequacy Analysis summarized
- ReliabilityFirst Corporation (RFC)
  - Conducts assessments that are coordinated with NPCC and other neighboring regions, including MISO, MRO, SERC, and VACAR
  - RFC 2025 Long-Term Assessment of Transmission Performance is summarized

# Additional Coordinated Planning (*Section 5*), cont.

*Studies and databases have been coordinated*

- The Eastern Interconnection Planning Collaborative
  - Recent achievements and status of activities
- ISO/RTO Council (IRC)
  - Coordinates effective processes, tools, and standard methods for improving electricity markets and planning
  - Coordinates joint filings with FERC on many issues
- Electric Reliability Organization (NERC) and the 2016 Long Term Reliability Assessment
  - Summarizes regional plans for meeting resource adequacy and transmission reliability issues

# Summary and Conclusions (*Section 6*)

- The ISO/RTOs Order 1000 compliance activities
- Coordination activities of the three ISO/RTOs
- Summary of system needs
- Coordination of interconnection queue studies

# Questions

