Draft 2019 Northeast Coordinated System Plan (NCSP19)
Scope of Work

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 FERC 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 (NCSP)
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
  – 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
NCSP19 Outline

NCSP19 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 FERC Order 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 (*Section 5*)
• Summary and Conclusions (*Section 6*)
NCSP19 Timeline

• Draft NCSP19 report posted for stakeholder review by March 2020

• 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 work for NCSP19
  – NCSP19 primarily addresses 2018-2019 interregional planning activities
NCSP19 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
NCSP19 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/RTO’s FERC 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

• NCSP19 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 conducts special reports and updates guidelines and criteria

• ReliabilityFirst Corporation (RFC)
  – Conducts assessments that are coordinated with NPCC and other neighboring regions, including MISO, MRO, SERC, and VACAR
  – RFC 2027 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 2019 Long Term Reliability Assessment (LTRA)
  - Summarizes regional plans for meeting resource adequacy and transmission reliability issues
Summary and Conclusions (Section 6)

- The ISO/RTO’s FERC Order 1000 compliance activities
- Coordination activities of the three ISO/RTOs
- Summary of system needs
- Coordination of interconnection queue studies
Questions