Draft 2021 Northeast Coordinated System Plan (NCSP21)
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
NCSP21 Outline

NCSP21 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)
NCSP21 Timeline

• Draft NCSP21 report posted for stakeholder review by March 2022
• 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 NCSP21
  – NCSP21 primarily addresses 2020-2021 interregional planning activities
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
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
NCSP21 Implementation of the Interregional Planning Process under FERC Order 1000 (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

• NCSP21 will summarize the respective regional planning processes
  – Timing
  – Planning cycles
  – References to study results and key documents
Coordination of the Needs of Transmission Projects Having 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
Other Interregional Planning Activities (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
Other Interregional Planning Activities *(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 2021 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