

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

