

AMENDED AND RESTATED
NORTHEASTERN ISO/RTO
PLANNING COORDINATION PROTOCOL

Table of Contents

- 1. Introduction and Definitions1.....
- 2. Committee Structure 2.....
- 2.1 Joint ISO/RTO Planning Committee..... 2.....
- 2.2 Interregional Planning Stakeholder Advisory Committee.....3...
- 3. Data and Information Exchange..... 4.....
- 3.1 Data and Information to Be Exchanged..... 4.....
 - (a) Introduction..... 4.....
 - (b) Data Required for System Planning Analyses..... 4.....
 - (c) Data Regarding Regional Plans..... 5.....
 - (d) Data Regarding Interconnection Requests..... 5.....
 - (e) Data Regarding Transmission Service over Pertinent Interfaces.....5.
- 3.2 Schedule for Exchange of Data and Information..... 5.....
- 3.3 Data and Information Formats.....6.....
- 3.4 Identification and Harmonization of Regional Data/Information Differences.....6
- 3.5 Development of Models and Studies..... 6.....
- 3.6 Confidentiality of Exchanged Data and Information.....6...
- 3.7 Data Contacts.....6.....
- 4. Analysis of Interconnection Queue Requests..... 7.....
- 5. Analysis of Long Term Firm Transmission Service Requests.....8.
- 6. Periodic Interregional Assessment and System Expansion Planning Studies.....9
- 7. Identification and Evaluation of Potential Interregional Transmission Projects Pursuant to FERC Order 1000 Requirements.....10...
- 7.1 Annual JIPC Review.....10.....
- 7.2 Data and Information Exchange.....10.....
- 7.3 Analysis and Consideration of Interregional Transmission Projects.....10

7.4 Stakeholder Consideration of Interregional Transmission Projects.....10

8. Northeastern Coordinated System Plan (“NCSP”).....11.

1. Introduction and Definitions

The Northeastern ISO/RTO Planning Coordination Protocol ("Protocol") describes the foundation for processes and procedures through which coordination of system planning activities will be implemented by the ISO and RTOs of the northeastern United States and Canada. The parties to this Protocol are PJM Interconnection, L.L.C. ("PJM"), the New

contents of the Northeast Coordinated System Plan (“NCSP”) prepared pursuant to the Protocol (Section 8);

means by which costs are allocated among the Parties, including the costs of Interregional Transmission Projects approved under the procedures described in Section 7 (Section 9); and

mechanisms for the resolution of disputes among the Parties and other general provisions (Section 10).

This Protocol is cross-referenced, with a brief overview and links to the Protocol, each Party’s applicable FERC filed documents.

2. Committee Structure and Responsibilities

This section defines the committee structures and responsibilities established in support of the comprehensive process of coordinating system planning activities through the Protocol.

The committee structures established under this Protocol include:

- a Joint ISO/RTO Planning Committee; and
- an Interregional Planning Stakeholder Advisory Committee..

2.1 Joint ISO/RTO Planning Committee

The Joint ISO/RTO Planning Committee (“JIPC”) is comprised of representatives of the Parties, and (a) coordinates interregional planning activities, (b) identifies and facilitates resolution of issues related to the interregional planning process, and (c) undertakes the activities described in Sections 6 and 7 of this Protocol. The JIPC shall be charged with the following responsibilities:

- Coordinating planning activities under this Protocol, including the

Facilitating the review by multi-state entities, regional state committees, state, provincial, or other similarly situated entities, of new interregional transmission facility additions;

Establishing a schedule for the rotation of responsibility for the management, coordination of stakeholder meetings, coordination of joint analysis activities, report preparation, and other activities;

Pursuing opportunities for improving the effectiveness of interregional coordination efforts under the Protocol;

Establishing, as appropriate, ad hoc committees to resolve specific interregional planning coordination issues. Such ad hoc committees may be comprised of representatives of the JIPC, the affected transmission owners, and other interested parties (as described in Section 2.2); and

Establishing working groups as necessary to provide adequate development and review of the NCSP. Where practical, the JIPC shall utilize existing working group and committee structures and processes for interregional planning and coordination.

prior to the start of each cycle of the coordinated planning process to review and provide input on the scope of analysis and assumptions upon which the development of the NCSP shall be based;

following posting of the JIPC's draft evaluation ~~of~~ regional Transmission Projects proposed in the respective regional planning processes pursuant to FERC Order 1000 requirements, as discussed in Section 7 hereof; and

at least once during the development of the NCSP to review and provide feedback on the preliminary results of the coordinated system planning analysis and to provide feedback on sensitivity analyses that may be required.

(b)

3.3 Data and Information Formats

impacted region. The direct connect region shall identify the need for such transmission netwo

region receiving the request. Both the region receiving the transmission service request and the potentially impacted regions shall use their best efforts to meet the applicable study timelines. However, the region receiving the transmission service request shall be responsible for satisfying the requirements of its tariff related to the request.

The potentially impacted region may participate in the coordinated system impact study either by taking responsibility for performance of studies of its system, or by providing input to the studies to be performed by the region receiving the request. The system impact study cost estimates indicated in the study agreement between the region receiving the request and the transmission service customer shall reflect the costs and the associated roles of the study participants. The region receiving the request shall review cost estimates submitted by all participants in the performance of the study effort for reasonableness, based on expected level of participation in and responsibilities for the study.

The region receiving the transmission service request shall collect the transmission service customer and forward to the potentially impacted regions the costs incurred by the potentially impacted regions associated with the performance of such system impact studies.

As necessary, analysis of the potentially impacted system shall be performed, and transmission network upgrades shall be identified, in accordance with procedures, guidelines, criteria, or standards applicable to the potentially impacted region. The region receiving the transmission service request shall identify the need for such transmission network upgrades in the system impact study prepared for the transmission service customer.

Requirements for the construction of such transmission network upgrades shall be under the terms and conditions of the potentially impacted region and consistent with applicable federal tariffs or provincial regulatory policy.

6.

7. Identification and Evaluation of Potential Interregional Transmission Projects Pursuant to FERC Order 1000 Requirements

7.1 Annual JIPC Review

On an annual basis, or at the request of any of the Parties, the JIPC will proactively review regional needs and solutions identified in regional planning processes of the Parties and identify, with input from the IPSAC, whether there are concepts for potential Interregional Transmission Projects that could – L Q W K H U H D V R Q D E O H H Q J L Q H H U L Q J M X meet regional needs of more than one region (whether driven by reliability, economic or public policy requirements) more efficiently or cost-effectively than separate regional transmission projects. The Parties shall post the results of its review on the interregional pages of the websites of the regions.

7.2 Data and Information Exchange

To assist its review (and its subsequent analysis of regional Transmission Projects), JIPC shall utilize data and information exchanged and reconciled pursuant to Section 3 of the Protocol.

7.3 Analysis and Consideration of Interregional Transmission Projects

In response to JIPC review under Section 7.1 in response to needs identified in the

10. General Provisions

10.1 Dispute Resolution

If the Parties to this Protocol are unable to complete any of the tasks outlined herein, or if an issue arises associated with implementation of this Protocol that cannot be resolved by the JIPC, any Party may refer the matter to the Chief Executive Officers of the Parties ("CEOs"). The CEOs shall schedule a meeting to resolve the issue or to provide direction, as appropriate, on a priority basis.

In the event that the CEOs do not reach an agreement on any issue referred to them within ten (10) days, then any Party may refer the matter to a neutral, third-party Dispute Resolution Panel.

WHEREFORE, this amended and restated Protocol is executed as of July 3, 2015, which is the effective date of the Protocol

ISO NEW ENGLAND INC.

By: _____
Gordon van Welie