



**Coordination  
Agreement**

**Between**

**ISO New England Inc.**

**And**

**The New York Independent System Operator, Inc.**

**Effective Date:**

**November 15, 2008**

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Issued by: Stephen G. Whitley, President Effective: November 15, 2008  
Issued on: November 13, 2008

THIS AGREEMENT was made the 1<sup>st</sup> day of January 2006 and is hereby restated on the 15<sup>th</sup> day of November 2008<sup>[c1]</sup>,

BETWEEN:

NEW YORK INDEPENDENT SYSTEM OPERATOR, INC., a not-for-profit corporation established under the laws of New York State, hereinafter called the “NYISO”.

and

ISO NEW ENGLAND INC., a not-for-profit, private corporation established under the laws of the State of Delaware, hereinafter called “ISO-NE”.

### RECITALS

WHEREAS, capitalized terms not otherwise defined herein shall have the meanings ascribed to them in Section 1.0 hereof;

WHEREAS, ISO-NE and the NYISO are sometimes hereinafter referred to, collectively, as the “Parties” and, individually, as a “Party”;

WHEREAS, the NYISO is an independent, not-for-profit corporation established pursuant to the ISO Agreement, responsible for providing transmission service, maintaining the Reliability of the electric power system and facilitating efficient markets for capacity, energy and ancillary services in the New York Balancing Authority Area in accordance with its filed NYISO Tariffs;

WHEREAS, ISO-NE is a not-for-profit, independent corporation that serves as the RTO for New England, in which capacity it operates New England’s wholesale electricity markets, manages a comprehensive regional bulk power system planning process and is responsible for the day-to-day reliable operation of New England’s bulk power system;

WHEREAS, ISO-NE, as RTO for the New England Transmission System and administrator of the New England markets, and the NYISO as the ISO for the New York Transmission System, enter into coordination agreements and operating arrangements with the operators of neighboring Reliability Coordinator Areas and Balancing Authority Areas, and coordinate system operation and Emergency procedures with neighboring Reliability Coordinator Areas and Balancing Authority Areas;

WHEREAS, the NYISO and ISO-NE desire to coordinate interconnected operation to maintain Reliability for both of the power systems of New York State and the New England States, recognizing the Parties’ desire to maximize interconnected capability under the terms and conditions contained in this Agreement; and

WHEREAS, related to the Interconnection Facilities:

A. ISO-NE is the Reliability Coordinator, Balancing Authority, Transmission Operator, market operator, and Planning Authority for the six New England States and operates and is responsible for the secure operation of the New England Transmission System in accordance with its Transmission Operating Agreements with New England Transmission Owners and in compliance with the FERC-accepted ISO-NE Tariff, and the requirements and criteria set forth by NERC or NPCC and, as such, has the power and authority to enter into this Agreement and perform its obligations under it;

B. NYISO is the Reliability Coordinator, Balancing Authority, Transmission Operator, market operator, and Planning Authority for New York State and operates and is responsible for the secure operation of the New York Transmission System in accordance with its Transmission Operating Agreements with New York Transmission Owners and in compliance with the FERC-accepted New York Independent System Operator Agreement (“ISO Agreement”), the Agreement Between New York Independent System Operator and Transmission Owners (“ISO/TO Agreement”), the Agreement Between New York Independent System Operator and the New York State Reliability Council (“ISO/NYSRC Agreement”), NYISO Tariffs, and the requirements and criteria set forth by NERC, NPCC and the NYSRC and, as such, has the power and authority to enter into this Agreement and perform its obligations under it; and

C. The New England Transmission System and the New York Transmission System interconnect by way of the Interconnection Facilities, which are described in Schedule A of this Agreement; and

D. The Parties wish to record their agreement as to the operational and other matters addressed herein and pertaining to the Interconnection Facilities; and

WHEREAS the Parties desire to manage the operational aspects of their interconnected operations by developing, administering and implementing practices, procedures and sharing information relating to Reliability coordination and power system operation that will be managed and approved by a committee formed under this Agreement;

NOW, THEREFORE, THIS AGREEMENT WITNESSES THAT in consideration of the mutual agreements and obligations between the Parties and for other good and valuable consideration ISO-NE and the NYISO agree as follows:

## **ARTICLE 1.0: DEFINITIONS**

In this Agreement, the following words and terms shall have the meanings (such meanings to be equally applicable to both the singular and the plural forms) ascribed to them in this Article 1.0.

“Adequacy” means the ability of the electric system to supply the aggregate electrical demand and energy requirements of the end-use customers at all times, taking into account scheduled and reasonably expected unscheduled outages of system elements.

“Agreement” means this Agreement and the Schedule(s) attached hereto and incorporated herein.

“Balancing Authority” means the responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.

“Balancing Authority Area” means the collection of generation, transmission, and loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains load-resource balance within this area.

“Confidential Information” has the meaning stated in Section 6.5 of this Agreement.

“Confirmed Trust Relationship” means that one Responsible Settlement Party has granted another Responsible Settlement Party permission to confirm, modify or withdraw its CTS Interface Bids.

“Control Area” means an electric system or combination of electric power systems to which a common automatic generation control scheme is applied in order to: (1) match, at all times, the power output of the Generators within the electric power system(s) and capacity and energy purchased from entities outside the electric power system(s), with the Load within the electric power system(s); (2) maintain scheduled interchange with other Control Areas, within the limits of Good Utility Practice; (3) maintain the frequency of the electric power system(s) within reasonable limits in accordance with Good Utility Practice and the criteria of the applicable regional reliability council or the North American Electric Reliability Corporation; and (4) provide sufficient capacity to maintain operating reserves in accordance with Good Utility Practice.

“Coordination Committee” means the jointly constituted ISO-NE and NYISO committee established to administer the terms and provisions of this Agreement pursuant to Article 7.0 of this Agreement.

“Coordinated Transaction Scheduling” or “CTS” means an external transaction scheduling process between the NYCA and NECA in which Market Participants’ bid, to buy energy in one region and sell in another region, is economically and simultaneously cleared by ISO-NE and NYISO. This process takes place pursuant to market rules in the Parties’ respective tariffs that allow transactions to be scheduled over a CTS Enabled Interface based on a bidder’s willingness to purchase energy from the NYCA or NECA (the source) and sell it to the other Control Area (the sink) if the bid price is less than or equal to the expected LMP difference across the interface in the requested direction, as of the time the interface is scheduled.

“CTS Enabled External Proxy Bus” shall mean an External Proxy Bus at which the Parties accept CTS Interface Bids to schedule external transactions in the real-time energy market.

“CTS Enabled Interface” means an Interconnection at which the Parties accept CTS Interface Bids for all import offers, for all export bids, and for wheels through the NECA. The CTS Enabled Interfaces are specified in Section 4.4.4 of the NYISO’s Market Administration and Control Area Services Tariff and in Section III.1.10.7.A of the ISO-NE Tariff.

“CTS Interface Bid” means: (1) in ISO-NE, an Interface Bid as defined in the ISO-NE Tariff, and an hourly spread bid associated with the wheeling of energy through the NECA, and (2) in NYISO, a CTS Interface Bid as defined in the NYISO Tariff.

“Delivery Point” means a point on each of the three Interconnections between the New England Balancing Authority Area and the NYISO Balancing Authority Area and such other points of Interconnection as may be established. Such Delivery Point(s) shall include the Interconnection Facilities between ISO-NE and the NYISO.

“Dispute” has the meaning attributed thereto in Article ~~17.19~~.0 of this Agreement.

“Effective Date” means the reference date of this Agreement as shown on the first page of this Agreement.

“Emergency” means any abnormal system condition that requires automatic or immediate manual action to prevent or limit the failure of transmission facilities or generation supply that could adversely affect the Reliability of the Bulk Electric System (as defined by NERC).

“Emergency Energy” means energy supplied from Operating Reserve or electrical generation available for sale in New York or New England or available from another Balancing Authority Area. Emergency Energy may be provided in cases of sudden and unforeseen outages of generating units, transmission lines or other equipment, or to meet other sudden and unforeseen circumstances such as forecast errors, or to provide sufficient Operating Reserve. Emergency Energy is provided pursuant to this Agreement and priced according to Attachment A of Schedule C of this Agreement.

~~Issued by: Stephen G. Whitley, President Effective: November 15, 2008~~  
~~Issued on: November 13, 2008~~

“External Interface Congestion” means the portion of the congestion component of the LMP at an External Proxy Bus that is associated with an External Proxy Bus Constraint.

“External Proxy Bus” means a location that is selected to represent an Interconnection with a Party’s Control Area for which LMPs are calculated. In NYISO, this is a Proxy Generator Bus as defined in the NYISO Services Tariff. In ISO-NE, this is an External Node as defined in the ISO-NE Tariff.

“External Proxy Bus Constraint” has the meaning set forth in Section 4.2 of Schedule D to this Agreement.

“FERC” means the Federal Energy Regulatory Commission.

“Force Majeure” means an event of force majeure as described in Section 11.1 of this Agreement.

“Good Utility Practice” means any of the practices, methods and acts engaged in or approved by a significant portion of the North American electric utility industry during the relevant time period, or any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result consistent with good business practices, Reliability, safety and expedition. Good Utility Practice is not intended to be limited to the optimum practice, method, or act to the exclusion of all others, but rather to be acceptable practices, methods, or acts generally accepted by NERC and the FERC.

“Intentional Wrongdoing” means an act or omission taken or omitted by a Party with knowledge or intent that injury or damage could reasonably be expected to result.

“Interconnection” means a connection(s) between two or more individual Transmission Systems that have interconnecting Intertie(s).

“Interconnection Facilities” means the Interconnections described in Schedule A.

“Interconnection Reliability Operating Limit” or “IROL” means a System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading Outages (as defined by NERC) that adversely impact the reliability of the Bulk Electric System.

“Intertie” means a transmission line that forms part of an Interconnection.

“ISO” means independent system operator, as designated by FERC.

“ISO Agreement” means the agreement that establishes the NYISO.

“ISO-NE Supply Price Points” means a set of increasing MW and price pairs, as described in Section 3.0 of Schedule D.

“ISO-NE Tariff” means the ISO New England Inc. Transmission, Markets and Services Tariff, which includes the ISO-NE Open Access Transmission Tariff and ISO-NE market rules.



“Locational Marginal Price” or “LMP” shall mean the market price for energy at a given location in a Party’s Control Area, calculated in accordance with the requirements of the Party’s tariff, and “Locational Marginal Pricing” shall mean the processes related to the determination of the LMP.

“Market Participant” means ~~an entity that, for its own account, produces, transmits, sells, and/or purchases for its own consumption or resale capacity, energy, energy derivatives and ancillary services in the~~ participant in either the ISO-NE- or NYISO-administered wholesale power markets. Market Participants include transmission service customers, power exchanges, Transmission Owners, load serving entities, loads, holders of energy derivatives, generators and other power suppliers and their designated agents.

“Metered Quantity” means apparent power, reactive power, active power, with associated time tagging and any other quantity that may be measured by a Party’s Metering Equipment and that is reasonably required by either Party for Security reasons or revenue requirements.

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“Metering Equipment” means the potential transformers, current transformers, meters, interconnecting wiring and recorders used to meter any Metered Quantity.

“Mutual Benefits” as described in Article 3.0 of this Agreement, means the transient and steady-state support that the integrated generation and transmission facilities in the New England and New York Transmission Systems provide to each other inherently by virtue of being interconnected.

“NERC” means the North American Electric Reliability Corporation or the successor organization.

“New England Control Area” or “NECA” is the Control Area for New England as defined in the ISO-NE Tariff.

“New England Transmission System” for the purpose of this Agreement means the entire system of transmission facilities, within the New England Reliability Coordinator Area and Balancing Authority Area that are under ISO-NE’s operational jurisdiction, as defined in Transmission Operating Agreements and the ISO-NE Tariff.

“New York Control Area” or “NYCA” means the Control Area that is under the operational control of the NYISO, as defined in the NYISO Tariffs.

“New York State Reliability Council” or (“NYSRC”) means the organization that promotes and preserves the Reliability of electric service on the New York Transmission System by developing and maintaining NYSRC Reliability Rules which are complied with by the NYISO, and for monitoring and assuring compliance with such rules.

“New York Transmission System” for the purpose of this Agreement means the “NYS Transmission System” as that term is defined in the NYISO OATT.

"NPCC" means the Northeast Power Coordinating Council Inc. or its successor organization.

“NPCC Criteria, Guides and Procedures” are documents, or the successor of these documents, that contain the Reliability Standards of the NPCC and which detail the principles of interconnected planning and operations that define and direct the efforts of the NPCC and its members. These documents are essential to maintaining the Security, Adequacy, Reliability and efficient operation of the interconnected bulk power supply system of NPCC members.

“NYISO Open Access Transmission Tariff” or (“NYISO OATT”) means the NYISO Open Access Transmission Tariff accepted by FERC.

“NYISO Services Tariff” means the NYISO Market Administration and Control Area Services Tariff accepted by FERC.

“NYISO Tariffs” means the NYISO OATT and the NYISO Services Tariff, collectively.

“NYSRC Reliability Rules” means the rules applicable to the operation of the New York Transmission System by the NYISO. These rules are based on Reliability Standards adopted by

NERC and NPCC, but also include more specific and more stringent rules to reflect the particular requirements of the New York Transmission System.

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“Operating Instructions” means the joint operating procedures, steps, and instructions that are to be utilized by both Parties for the operation of the Interconnection Facilities established and modified from time to time by the Coordination Committee in accordance with (a) the ISO-NE Tariff and the NYISO Tariffs, (b) Schedule B of this Agreement and (c) the ISO-NE and NYISO individual procedures and processes. Operating Instructions are separate from the ISO-NE and NYISO individual procedures and processes.

“Operating Reserve” means ~~that capability above firm system demand required to provide for regulation, load forecasting error, equipment forced and scheduled outages and local area protection. It consists of spinning and non-spinning reserve: (1) in ISO-NE, an Operating Reserve as defined in Section I.2.2 of the ISO-NE Tariff, and (2) in NYISO, an Operating Reserve as defined in Section 2.2 of the NYISO Services Tariff. For purposes of Schedule D to this Agreement, 10-minute Operating Reserve is considered a higher quality product than 30-minute Operating Reserve.~~

“Operational Control” for the purpose of this Agreement, means Security monitoring, adjustment of generation and transmission resources, coordinating and approval of changes in transmission status for maintenance, determination of changes in transmission status for Reliability, coordination with other Balancing Authority Areas and Reliability Coordinators, voltage reductions and load shedding, except that each legal owner of generation and transmission resources continues to physically operate and maintain its own facilities.

“Parties” means ISO-NE and NYISO, and “Party” means either one of them.

“Planning Authority” means the responsible entity that coordinates and integrates transmission facility and service plans, resource plans, and protection systems.

“Ramp Limit” means, for purposes of Schedule D to this Agreement, either: (1) the maximum allowable amount of change in net interchange at a CTS Enabled Interface over a defined period of time, established in accordance with Section 5.1 of Schedule D; or (2) the maximum allowable amount of change in net interchange across all NYISO Proxy Generator Buses over a defined period of time, established in accordance with the NYISO Tariffs.

“Real-Time Commitment” or “RTC” means the NYISO’s multi-period security constrained unit commitment and dispatch model, as defined in the NYISO Tariffs.

“Reliability” means the degree of performance of the bulk electric system that results in electricity being delivered within Reliability Standards and in the amount desired. Electric system Reliability can be addressed by considering two basic and functional aspects of electric systems, which are Adequacy and Security.

“Reliability Coordinator” means the entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area (as defined by NERC) view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority, to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator’s vision.

“Reliability Coordinator Area” means the collection of generation, transmission, and loads within the boundaries of the Reliability Coordinator. Its boundary coincides with one or more Balancing Authority Areas.

“Reliability Standards” means the criteria, standards and requirements relating to Reliability established by a Standards Authority.

“Responsible Settlement Party” or “RSP” means a Market Participant that is responsible for the financial settlement of one or more transactions at a CTS Enabled Interface, as determined in accordance with the requirements of the Parties’ respective tariffs that address the settlement of external transactions at CTS Enabled Interfaces.

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“RTO” means a regional transmission organization, as designated by FERC.

“Schedule” means a schedule attached to this Agreement and all amendments, attachments, supplements, replacements and/or additions thereto.

“Security” means the ability of the electric system to withstand sudden disturbances including, without limitation, electric short circuits or unanticipated loss of system elements.

“Standards Authority” means NERC, NPCC, NYSRC or any other agency with authority over either Party regarding standards or criteria relating to the Reliability of Transmission Systems.

“System Operating Limit” means the value (such as MW, MVar, Amperes, Frequency or Volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable Reliability criteria. System Operating Limits are based upon certain operating criteria. These include, but are not limited to the following NERC-defined ratings or limits: Facility Ratings (applicable pre- and post-Contingency equipment or facility ratings); Transient Stability Ratings (applicable pre- and post-Contingency Stability Limits); Voltage Stability Ratings (applicable pre- and post-Contingency Voltage Stability); and System Voltage Limits (applicable pre- and post-Contingency Voltage Limits).

“Third Party” means a person or entity that is not a Party to this Agreement.

“Transfer Limit” means the maximum net interchange that can be scheduled on a CTS Enabled Interface and is established in accordance with Section 5.0 of Schedule D.

“Transmission Operating Agreement(s)” means the respective agreements that establish the terms and conditions under which the Transmission Owners transferred to the NYISO and ISO-NE Operational Control over the Interconnection Facilities. For the NYISO, these agreements are the ISO Agreement, the ISO/TO Agreement, and the ISO/NYSRC Agreement. For ISO-NE, this is the Transmission Operating Agreement, which provides operating authority over certain Interconnection Facilities (i.e., the NY/NE Northern AC Interconnection and the NNC Interconnection), and Attachment K to Section II of the ISO-NE Tariff, which provides operating authority over other Interconnection Facilities (i.e., the CSC Interconnection).

“Transmission Operator” means the entity responsible for the Reliability of its “local” transmission system, and that operates or directs the operations of the transmission facilities in accordance with applicable Transmission Operating Agreements.

“Transmission Owner” means the entity that owns and maintains transmission facilities.

“Transmission System” means a system for transmitting electricity, and includes any structures, equipment or other facilities used for that purpose.

## **ARTICLE 2.0: SCOPE OF AGREEMENT**

### **2.1 Restatement of Prior Agreement**

The terms of the prior agreement made between the Parties dated January 1, 2006, are hereby amended, restated and superseded by the terms of this Agreement, to be effective on the Effective Date of this Agreement.

### **2.2 Purpose of This Agreement**

This Agreement provides for the reliable operation of the interconnected New England and New York Transmission Systems in accordance with the requirements of the Standards Authority.

This Agreement establishes a structure and framework for the following functions related to the Reliability of interconnected operations between the Parties:

- (a) developing and issuing Operating Instructions and System Operating Limits;
- (b) coordinating operation of their respective Transmission Systems;
- (c) developing and adopting operating criteria and standards;
- (d) conducting operating performance reviews of the Interconnection Facilities;
- (e) considering matters related to transmission service and access;
- (f) implementing each Party's respective NERC and NPCC requirements with regard to the New England Transmission System and New York Transmission System;
- (g) exchanging operations information regarding the Interconnection;
- (h) exchanging information and coordinating regarding system planning; ~~and~~
- (i) providing mutual assistance in an Emergency and during system restoration;
- (j) administering Coordinated Transaction Scheduling; and
- (k) implementing other arrangements between the Parties for the coordination of their systems.

The Parties shall, consistent with NPCC Criteria, Guides and Procedures and the Parties' respective tariffs, rules and standards, including with respect to the NYISO, the NYSRC Reliability Rules, to the maximum extent they deem consistent with the safe and proper operation of their respective Reliability Coordinator Area and Balancing Authority Area and necessary coordination with other interconnected systems, and with the furnishing of dependable and satisfactory service to their own customers, operate their systems in accordance with the following procedures and principles.

## **ARTICLE 3.0: MUTUAL BENEFITS**

### **3.1 No Charge for Mutual Benefits of Interconnection**

Both the New England Transmission System and New York Transmission System, by virtue of being connected to each other and with a much larger Interconnection, share Mutual Benefits such as transient and steady-state support. NYISO and ISO-NE shall not charge one another for such Mutual Benefits.

### **3.2 Maintenance of Mutual Benefits**

The Parties shall endeavor to operate or direct the operation of the Interconnection Facilities to realize the Mutual Benefits. The Parties recognize circumstances beyond their control, such as a result of operating configurations, contingencies, maintenance, or actions by Third Parties, may result in a reduction of Mutual Benefits.

## **ARTICLE 4.0: INTERCONNECTED OPERATION**

### **4.1 Obligation to Remain Interconnected**

The Parties shall at all times during the term of this Agreement operate or direct the operation of their respective Transmission Systems so that they remain interconnected except:

- (a) during the occurrence of an event of Force Majeure which renders a Party unable to remain interconnected;
- (b) when an Interconnection is opened in accordance with the terms of an Operating Instruction;
- (c) when an Interconnection is opened in accordance with Good Utility Practice in a particular circumstance where there is an imminent risk of equipment failure, or of danger to personnel or the public, or a risk to the environment, or risk to the Reliability of a Transmission System that is not anticipated and addressed within an Operating Instruction; or
- (d) during planned maintenance where notice has been given in accordance with outage procedures as implemented by the Coordination Committee.

### **4.2 Adherence to NPCC Criteria, Guides and Procedures**

The Parties are participants in the NPCC and are required to comply with NPCC Criteria, Guides and Procedures. Such NPCC Criteria, Guides and Procedures detail the many coordinating functions carried out by the Parties and this Agreement is intended to enhance this arrangement.



Such NPCC Criteria include, and the Parties agree to comply with, “Emergency Operation Criteria” (Document A-3), which describes the basic factors to be considered by a Reliability Coordinator and Balancing Authority in formulating plans and procedures to be followed in an Emergency. A principle of operation in this NPCC Criterion is that upon receiving a request for assistance to avoid or mitigate an Emergency, a Balancing Authority Area would provide “maximum reasonable assistance” to a neighboring Balancing Authority Area. Such reasonable assistance would not normally require the shedding of firm load.

#### **4.3 Notification of Circumstances**

In the event that a component of the Interconnection Facilities is opened or if the transfer capability of a component of the Interconnection Facilities is changed, or if a Party plans to initiate the opening of any component of the Interconnection Facilities, or to change the transfer capability of any component of the Interconnection Facilities, such Party shall immediately provide the other Party with notification indicating the circumstances of the opening or transfer capability change and expected restoration time, in accordance with procedures implemented by the Coordination Committee or applicable NPCC Criteria, Guides and Procedures.

#### **4.4 Compliance with Coordination Committee Direction**

ISO-NE shall direct the operation of the New England Transmission System and the NYISO shall direct the operation of the New York Transmission System in accordance with the obligations of their respective tariffs, rules and standards and applicable directions of the Coordination Committee that conform with their respective tariffs, rules and standards, including with respect to the NYISO, the NYSRC Reliability Rules, except where prevented by Force Majeure. The Coordination Committee direction includes decisions and jointly developed and approved Operating Instructions. If decisions or Operating Instructions of the Coordination Committee do not anticipate a particular circumstance, the Parties shall act in accordance with Good Utility Practice.

#### **4.5 Control and Monitoring**

Each Party shall provide or arrange for 24-hour control and monitoring of their portion of the Interconnection Facilities.

#### **4.6 Reactive Transfer and Voltage Control**

The Parties agree to determine reactive transfers and control voltages in accordance with the provisions of NPCC “Guidelines for Inter-Area Voltage Control” (Document B-03). Real and reactive power will be transferred over the Interconnection Facilities, which are described in Schedule A of this Agreement.

#### **4.7 Inadvertent**

Inadvertent power transfers on all Interconnection Facilities shall be controlled and accounted for in accordance with the standards and procedures developed by NERC and NPCC and implemented by the Coordination Committee and the system operators of each Party to this Agreement.

#### **4.8 Adoption of Standards**

The Parties hereby agree to adopt, enforce and comply with requirements and standards that will safeguard Reliability of the interconnected Transmission Systems. Such Reliability requirements and Reliability Standards shall be:

- (a) adopted and enforced for the purpose of providing reliable service;
- (b) not unduly discriminatory in substance or application;
- (c) applied consistently to both Parties (with the exception of subsection (e) below);
- (d) consistent with the Parties' respective obligations to applicable Standards Authorities including, without limitation, any relevant requirements or guidelines from each of NERC, NPCC or any other Standards Authority to which the Parties are required to adhere; and
- (e) with respect to the NYISO, consistent with the NYSRC Reliability Rules.

#### **4.9 New York - New England IROL Interface**

The Parties share a joint Interconnection Reliability Operating Limit ("IROL") related to transfers on the interconnecting transmission lines between their respective Reliability Coordinator Areas and Balancing Authority Areas. This IROL is adhered to in order to ensure acceptable steady-state and transient performance of the New York and New England Transmission Systems. Both Parties will monitor this limit in accordance with this Agreement and independently determine the applicable import and export transfer limits. Both Parties agree to operate the interface to the most conservative limits developed in real-time and the day-ahead planning process. These operating limits shall be determined in accordance with NERC Reliability Standards and NPCC Criteria, Guides and Procedures. Both Parties will take coordinated corrective actions to avoid a violation of the IROL. If a violation occurs, coordinated corrective actions shall be taken to ensure that the violation is cleared as soon as possible, and in accordance with NERC Reliability Standards.

#### **4.10 Coordination and Exchange of Information Regarding System Operations and Planning**

Each Party shall have operating procedures, processes or plans in place for activities that require notification, exchange of information or coordination of actions with the other Party to support

Interconnection reliability. Each Party shall have communications capabilities with the other Party, for both voice and data exchange as required to meet reliability needs of the Interconnection.

The Parties shall exchange information and coordinate regarding system operations and planning and inter-regional planning activities in a manner consistent with NERC and NPCC requirements, and consistent with the requirements of ~~confidentiality agreements or rules binding upon either of the Parties, including the ISO New England Information Policy set forth in Attachment D to the ISO-NE Tariff, as it may be amended from time to time, and the NYISO Code of Conduct as set forth in Attachment F to the NYISO OATT~~ Section 6 of this Coordination Agreement.

## **ARTICLE 5.0: EMERGENCY ASSISTANCE**

### **5.1 Emergency Assistance**

Both Parties shall exercise due diligence to avoid or mitigate an Emergency to the extent practicable as per each Party's requirements related to the mitigation of an Emergency, in applicable policies and procedures imposed by NERC, NPCC, or (for the NYISO) the NYSRC, or contained in the ISO-NE Tariff and NYISO Tariffs. In avoiding or mitigating an Emergency, both Parties shall strive to allow for commercial remedies, but if commercial remedies are not successful, the Parties agree to be the suppliers of last resort to ensure Reliability on the system. For each hour during which Emergency conditions exist in a Party's Balancing Authority Area, that Party (while still ensuring operations within applicable Reliability Standards) shall determine what commercial remedies are available and make use of those that are available and needed to avoid or mitigate the Emergency before any Emergency Energy is scheduled in that hour.

### **5.2 Emergency Energy Transactions**

Each Party shall, to the maximum extent it deems consistent with the safe and proper operation of its respective Transmission System, provide Emergency Energy to the other Party in accordance with the provisions of Schedule C of this Agreement.

## **ARTICLE 6.0: EXCHANGE OF INFORMATION AND CONFIDENTIALITY**

### **6.1 Information**

ISO-NE and NYISO are authorized and agree to exchange and share such information as ~~may be~~ required ~~from time to time~~ for the Coordination Committee to perform its duties and for the Parties to fulfill their obligations under this Agreement, ~~subject to the requirements of existing confidentiality agreements or rules binding upon either of the Parties, including the ISO New England Information Policy, as it may be amended from time to time, and the NYISO Code of Conduct as set forth in Attachment F to the NYISO OATT, and subject to the Parties' policies and processes for the protection of~~

| Issued on: ~~November 13, 2008~~

Any Party that receives Confidential Information or Critical Energy Infrastructure Information (“CEII”) pursuant to this Article 6 (the “Receiving Party”) shall treat such information as confidential subject to the terms and conditions set forth in Section 6.5 of this Agreement, as that term is defined by FERC). Subject to said agreements, policies and processes, the Parties may share the following information:

### 6.1 Information

The Parties are authorized and agree to share the following information:

- (a) Information required to develop Operating Instructions;
- (b) Transmission System facility specifications and modeling data required to perform Security analysis;
- (c) Functional descriptions and schematic diagrams of Transmission System protective devices and communication facilities;
- (d) Ratings data and associated ratings methodologies for the Interconnection Facilities;
- (e) Telemetry points, equipment alarms and status points required for real-time monitoring of Security dispatch;
- (f) Data required to reconcile accounts for inadvertent energy, and for Emergency Energy transactions;
- (g) Transmission System information that is consistent with the information sharing requirements imposed by the NERC and NPCC; and
- (h) Such other information as may be required for the Parties to maintain the reliable operation of their interconnected Transmission Systems and fulfill their obligations under this Agreement and to any Standards Authority of which either Party is a member, provided, however, that this other information will be exchanged only if it can be done in accordance with applicable restrictions on the disclosure of information to any Market Participant; and
- (i) Information related to the administration of CTS including:
  - ISO-NE Market Participant user and organization information;
  - ISO-NE Supply Price Points for each CTS Enabled Interface;
  - ISO-NE Transfer Limits for each CTS Enabled Interface;
  - NYISO and ISO-NE reserves and reserve requirements;
  - Day-ahead schedules, and real-time actual output and limits for NYCA generators that have capacity obligations in the ISO-NE market and for NECA generators that have capacity obligations in the NYISO market;
  - Real-time bids, including real-time bids to wheel energy, submitted at a CTS Enabled Interface between the NYCA and the NECA (to be provide by NYISO);
  - NYISO Day Ahead Operating Plan; and
  - NYISO RTC results, including cleared MWs for all bids at a CTS Enabled Interface between the NYCA and the NECA, as well as LMPs, Transfer Limits and

constraint information related to the scheduling of real-time energy transactions between the NYCA and the NECA.

## **6.2 Data Exchange Contact**

To facilitate the exchange of all such data, each Party will designate to the other Party's Vice President in charge of operations a contact(s), plus one or more alternate contacts, to be available twenty-four (24) hours each day, seven (7) days per week to respond to data inquiries. ~~The~~An alternate contact of each Party shall be its Operations Control Room. ~~With respect to each contact and alternate, e~~Each Party shall provide the name, telephone number, e-mail address, and fax number of each contact and alternate. Each Party may change the designated contact by notifying the other Party's Vice President in charge of operations in advance of the change.

The Parties agree to exchange data in a timely manner consistent with existing defined formats or such other formats to which the Parties may agree. Each Party shall provide notification to the other Party thirty (30) days prior to modifying an established data exchange format.

## **6.3 Cost of Data and Information Exchange**

Each Party shall bear its own cost of providing information to the other Party.

~~Issued by: Stephen G. Whitley, President~~ ~~Effective: November 15, 2008~~  
~~Issued on: November 13, 2008~~

#### **6.4 Other Data**

The Parties may share ~~other data~~ Confidential Information not listed in this Article 6 ~~as mutually agreed upon by the Parties~~ that is necessary for the coordinated operation of their systems, subject to the protections set forth in Section 6.5, below.

#### **6.5 Treatment of Confidential Information and Critical Energy Infrastructure Information**

(a) Definitions. ~~The~~ For purposes of addressing information shared or exchanged pursuant to this Agreement, the term “Confidential Information” shall mean: ~~(a)~~ (i) all information, whether furnished before or after the mutual execution of this Agreement, whether oral, written or recorded/electronic, and regardless of the manner in which it is furnished, that is marked “confidential” or “proprietary” or which under all of the circumstances should be treated as confidential or proprietary; ~~(b)~~ (ii) information that is Confidential Information or Strategic Information under the ISO New England Information Policy or the NYISO Code of Conduct; (iii) information that is Protected Information under the NYISO Market Monitoring Plan; (iv) all reports, summaries, compilations, analyses, notes or other information of a Party hereto which are based on, contain or reflect any Confidential Information; ~~or (e)~~ (v) any information which, if disclosed by a transmission function employee of a utility regulated by the FERC to a market function employee of the same utility system, other than by public posting, would violate the FERC’s Standards of Conduct set forth in 18\_C.F.R. § 37 *et. seq.* and the Parties’ Standards of Conduct on file with the FERC.

(b) Labeling of Confidential Information. In circumstances where it may not be clear that information that is provided or exchanged between the Parties pursuant to the authority provided in this Agreement is Confidential Information, the information being provided should be clearly marked “confidential” or “proprietary.” Such labeling is not required for the regular, automated exchange of Confidential Information that occurs, for example, to permit the Parties to administer CTS.

~~(c)~~ Protection. Except ~~for disclosure to the FERC or its staff~~ as set forth herein, the Receiving Party shall not, at any time during or after the term of this Agreement, in any manner, either directly or indirectly, divulge, disclose, or communicate to any person, firm, corporation or other entity, or use for any purposes other than those set forth herein, any Confidential Information acquired from the party disclosing the information (the “Disclosing Party”), without the express prior written consent of the Disclosing Party. The Receiving Party shall not disclose any Confidential Information to anyone except to officers and employees of the Receiving Party and to its outside consultants, advisers and/or attorneys, in each case who have a need to know to further the purposes set forth herein and who have been advised of the confidential nature of the Confidential Information and who have agreed to abide by the terms of this Agreement or are bound by equally restrictive covenants (collectively, “Authorized Representatives”). The Receiving Party agrees that it shall be liable for any breach of this Agreement by its Authorized Representatives.

(ed) Survival. The obligation of each Party and each Authorized Representative under this Article 6 continues and survives the termination of this Agreement.

(de) Scope. This obligation of confidentiality shall not extend to data and information that, at no fault of the Receiving Party, is or becomes: (a) in the public domain or generally available or known to the public; (b) disclosed to a recipient by a non-Party who had a legal right to do so; or (c) independently developed by the Receiving Party or known to such Party prior to its disclosure hereunder.

(ef) Required Disclosure. ~~Except for disclosure to the FERC or its staff, if or Submission on a Confidential Basis. If a governmental authority requests or requires the Receiving Party to publicly disclose any of the Disclosing Party's Confidential Information, such or if a request from another person or entity is made in writing pursuant to a legal discovery process, the Receiving Party shall provide the Disclosing Party with prompt notice of such request or requirement so that the Disclosing Party may seek an appropriate. The Disclosing Party shall in turn, to the extent required by the terms of its tariff, provide any Market Participant whose Confidential Information is the subject of possible disclosure with prompt written notice of the circumstances that may require such disclosure so that the Market Participant has a reasonable opportunity to seek a protective order or other appropriate remedy or waive compliance with the provisions of this Agreement. Notwithstanding the absence of a protective order or a waiver, a Receiving Party shall disclose only such Confidential Information which it is legally required to disclose. Each Party shall use reasonable efforts to obtain reliable assurances that confidential treatment will be accorded to Confidential Information required to be disclosed to prevent disclosure.~~

If a Receiving Party is required to publicly disclose any Confidential Information- under this Section, the Parties shall meet as soon as practicable in an effort to resolve any and all issues associated with the required disclosure ~~of such Confidential Information, and the likelihood of additional, and the possibility of further requested or required~~ disclosures of ~~such~~ the Disclosing Party's Confidential Information-.

The process described above shall also be followed if a governmental authority requests or requires the Receiving Party to submit any of the Disclosing Party's Confidential Information on a confidential basis (with the exception of requests for Confidential Information from FERC or the Commodity Futures Trading Commission ("CFTC") to the NYISO). The Receiving Party shall notify the governmental authority that the requested or required information contains NYISO or ISO-NE Market Participant specific Confidential Information, if applicable, and shall use reasonable efforts to protect the Confidential Information from public disclosure.

If FERC or the CFTC request or require the NYISO to submit any Confidential Information it received from ISO-NE on a confidential basis, the NYISO will seek permission to inform ISO-NE of the requirement or request and, if granted, will follow the procedures outlined above. In the event FERC or the CFTC does not permit the NYISO to notify ISO-NE of the request, NYISO shall inform FERC or the CFTC in writing that the disclosed information includes Confidential Information, and shall request that FERC or the CFTC inform NYISO before releasing to a third party any of the Confidential Information.

If a governmental authority (including FERC and the CFTC) that requested or required the submission, on a confidential basis, of Confidential Information by a Receiving Party issues a notice indicating that it is considering disclosing, or intends to disclose any



Confidential Information provided by the Disclosing Party, or if the governmental authority (including FERC and the CFTC) receives a public records demand or other legal discovery request seeking disclosure of any Confidential Information provided by the Disclosing Party, the Receiving Party shall notify the Disclosing Party so that the Disclosing Party may seek an appropriate protective order or other appropriate remedy. The Disclosing Party shall in turn, to the extent required by the terms of its tariff, provide any Market Participant whose Confidential Information is the subject of possible disclosure under this provision with prompt written notice of the circumstances that may require such disclosure so that the Market Participant has a reasonable opportunity to seek a protective order or other appropriate remedy to prevent disclosure.

(hg) Return of Confidential Information. Information provided pursuant to this Section 6 is deemed to be on loan, and remains the property of the Disclosing Party notwithstanding the disclosure of such Confidential Information to the Receiving Party hereunder. All Confidential Information provided by the Disclosing Party shall be returned by the Receiving Party to the Disclosing Party or destroyed, erased or deleted by the Receiving Party, with written confirmation provided to the Disclosing Party, promptly upon request. Upon termination ~~or expiration~~ of this Agreement, a Party shall use reasonable efforts to destroy, erase, delete or return to the Disclosing Party any and all written or electronic Confidential Information. Unless otherwise expressly agreed in a separate license agreement, the disclosure of Confidential Information to the Receiving Party will not be deemed to constitute a grant, by implication or otherwise, of a right or license to the Confidential Information or in any patents or patent applications of the Disclosing Party.

(ih) Relief. Each Party acknowledges that remedies at law are inadequate to protect against breach of the covenants and agreements in this Article, and hereby in advance agrees, without prejudice to any rights to judicial relief that it may otherwise have, to the granting of equitable relief, including injunction, in the Disclosing Party's favor without proof of actual damages. In addition to the equitable relief referred to in this Section, a Disclosing Party shall only be entitled to recover from a Receiving Party any and all gains wrongfully acquired, directly or indirectly, from a Receiving Party's unauthorized disclosure of Confidential Information.

(ji) Existing Confidential Information Obligations. Notwithstanding anything to the contrary in this Agreement, the ~~p~~Parties shall have no obligation to disclose Confidential Information or data to the extent such disclosure of information or data would be a violation of or inconsistent with ~~the terms and conditions of any ISO-NE governing agreement or NYISO OATT or Services Tariff and any other agreement,~~ or applicable state or federal regulation or law. This Agreement requires the Parties to exchange Confidential Information that is necessary for the Coordination Committee to perform its duties, or for the Parties to fulfill their obligations under this Agreement. The Parties are not obligated to share Confidential Information for other purposes.

(kj) The term "CEII" or "Critical Energy Infrastructure Information" shall mean all information, whether furnished before or after the mutual execution of this Agreement, whether oral, written or recorded/electronic, and regardless of the manner in which it is

furnished, that is marked “CEII” or “Critical Energy Infrastructure Information” or which under all of the circumstances should be treated as such in accordance with the definition of CEII in 18 C.F.R. § 388.13(c)(1). The Receiving Party shall maintain all CEII in a secure place. The Receiving Party shall treat CEII received under this agreement in accordance with its own procedures for protecting CEII and shall not disclose CEII to anyone except its Authorized Representatives.

## **6.6 Unauthorized Transfer of Third-Party Intellectual Property**

In the performance of this Agreement, no Party shall transfer to the other Party any Intellectual Property, the use of which by the other Party would constitute an infringement of the rights of another entity (including the Parties). In the event such transfer occurs, whether or not inadvertent, the transferring Party shall, promptly upon learning of the transfer, provide Notice to the receiving Party and upon receipt of such Notice the receiving Party shall take reasonable steps to avoid claims and mitigate losses.

## **ARTICLE 7.0: COORDINATION COMMITTEE**

### **7.1 Coordination Committee Inauguration and Authorization**

The Parties shall form a Coordination Committee under this Agreement. Within 30 days of the Effective Date, each of the Parties shall appoint two representatives, a principal and an alternate, to serve as members of the Coordination Committee with the authority to act on their behalf with respect to actions or decisions taken by the Coordination Committee. A Party may, at any time upon providing prior notice to the other Party, designate a replacement principal member or alternate member to the Coordination Committee.

### **7.2 Coordination Committee Duties and Responsibilities**

The Coordination Committee exists to administer or assist the Parties' implementation of the provisions of this Agreement. The Coordination Committee shall develop and adopt policies, instructions, and recommendations relating to the Parties' performance of their obligations under this Agreement, attempt to resolve Disputes between the Parties pursuant to Article 17.0 of this Agreement, and shall undertake any other actions specifically delegated to it pursuant to this Agreement.

The Coordination Committee shall undertake to assist the Parties' efforts to jointly develop ~~and authorize~~ Operating Instructions to implement the intent of this Agreement in accordance with Schedule B of this Agreement, 'Procedures for Development and Authorization of Operating Instructions'. The Coordination Committee shall authorize such Operating Instructions once developed. To the extent that the Operating Instructions require participation by local control centers and Transmission Owners in the New England or the New York Reliability Coordinator Areas, those entities will be involved in the development process.

Should the terms and conditions contained in this Agreement be found to conflict with or fail to recognize obligations of a Standards Authority of which either Party is a member or other regulatory requirements, the Parties agree to amend this Agreement accordingly.

Any recommendations on revisions to this Agreement shall be provided to each Party's appropriate corporate officers for approval.

Issued by: ~~Stephen G. Whitley, President~~ Effective: ~~November 15, 2008~~  
Issued on: ~~November 13, 2008~~

### **7.3 Limitations of Coordination Committee Authority**

~~With the exception of the Schedules,~~ The Coordination Committee is not authorized to modify or amend any of the terms of this Agreement. The Coordination Committee is also not authorized to excuse any obligations under this Agreement or waive any rights pertaining to this Agreement. The Coordination Committee has no authority to commit either Party to any expenditure that is beyond those expenses described herein.

### **7.4 Exercise of Coordination Committee Duties**

The Coordination Committee shall hold meetings no less frequently than once each calendar year. The matters to be addressed at all meetings shall be specified in an agenda, which shall contain items specified by either Party in advance of the meeting and sent to the representatives of the other Party. All decisions of the Coordination Committee must be unanimous. Special meetings may be called at any time if the Coordination Committee deems such meetings to be necessary or appropriate.

Subject to the limitations on its authority as described in Section 7.3 of this Agreement, the Coordination Committee has the responsibility and authority to take action on all aspects of this Agreement, including, but not limited to the following:

- (a) amending, adding or canceling ~~Schedules,~~ or Operating Instructions and providing written notice in accordance with Article ~~16.0~~18.0 of this Agreement;
- (b) assessment of non-compliance with this Agreement and, subject to Article ~~17.0~~19.0 of this Agreement, the taking of appropriate action in respect thereof;
- (c) documentation of decisions related to the initial resolution of Disputes as set out in Article ~~17.0~~19.0 of this Agreement, or in cases of unresolved Disputes, the circumstances relevant to the Dispute in question as contemplated by the requirements of Article ~~17.0~~19.0 of this Agreement; and
- (d) preparation, documentation, retention and distribution of Coordination Committee meeting minutes and agendas.

## **ARTICLE 8.0: RELIABILITY COORDINATION AND RELIABILITY ASSESSMENT OF OUTAGES**

Both Parties agree to provide each other with updates on planned outage schedules and other activities in accordance with NPCC Criteria, Guides and Procedures that may impact on the Reliability or availability of the interconnected New York Transmission System and New England Transmission System. As Reliability Coordinators and Balancing Authorities, the NYISO and ISO-NE, shall interact with each other as required, and with other Balancing Authorities and Reliability Coordinators, to establish System Operating Limits and to perform Reliability coordination and Reliability assessments of outages.

| Issued on: ~~November 13, 2008~~

## **ARTICLE 9.0: OPERATIONAL INFORMATION**

### **9.1 Obligation to Provide Operational Data and Status Points**

The Parties shall ensure that appropriate monitoring facilities are installed as required to provide for electric power quantities or equipment loading to enable monitoring of System Operating Limits, meet requirements of each of NERC and NPCC, and for determining Interconnection Facilities inadvertent energy accounting.

### **9.2 Points of Operational Data**

~~The points of data for operating information are those points as may be agreed in writing by the Coordination Committee from time to time.~~

## **ARTICLE 10.0: INTERCONNECTION REVENUE METERING**

### **10.1 Obligation to Provide Inadvertent Energy Accounting Metering**

The Parties shall ensure appropriate electric metering devices are installed as required to measure electric power quantities for determining Interconnection Facilities inadvertent energy accounting.

### **10.2 Standards for Metering Equipment**

Any Metering Equipment used to meter Metered Quantities for inadvertent energy accounting shall be designed, verified, sealed and maintained in accordance with the Party's respective metering standards or as otherwise agreed to by the Coordination Committee.

### **10.3 Meter Compensation to the Point of Interconnection**

The metering compensation for transmission line losses to the Interconnection Facilities Delivery Point shall be determined by the Party's respective standards or otherwise agreed to by the Coordination Committee.

### **10.4 Metering Readings**

The Parties shall ensure that integrated meter readings are provided at least once each hour for Interconnection Facilities accounting purposes and meter registers are read at least monthly, as close as practicable to the last hour of the month. An appropriate adjustment shall be made to register readings not taken on the last hour of the month.

## **ARTICLE 11.0: LIABILITY JOINT CHECKOUT PROCEDURES**

### **11.1 Scheduling Checkout Protocols**

Both Parties shall require all real-time energy market transaction schedules over Interconnections to be tagged in accord with the NERC tagging standard. For Simultaneous Activation of Reserves (“SAR”) and other emergency schedules that are not tagged, the Parties will enter manual schedules into their respective operating systems.

When there is a real-time energy market transaction scheduling conflict, the Parties will work to modify the schedule as soon as practical.

Consistent with the foregoing requirements, the Parties will perform the following types of checkouts:

- (a) Day-ahead checkout shall be performed daily on the day before the transaction is to flow. Day-ahead checkout includes the verification of net interchange totals and individual transaction schedules;
- (b) Real-time checkout shall be performed during the period before the transaction is to flow. Real-time checkout includes the verification of net interchange totals and individual transaction schedules;
- (c) After-the-fact checkout of real-time transactions shall be performed the next business day following the day of the transactions;
- (d) After-the-fact reporting of scheduled energy interchange and actual energy interchange shall be updated by each Party each day and exchanged with the other Party. Within ten (10) business days of the end of each month, the previous month’s data shall be reconciled.

## **ARTICLE 12.0: COORDINATED TRANSACTION SCHEDULING**

CTS is addressed in Schedule D to this Agreement and in the ISO-NE and NYISO Tariffs.

## **ARTICLE 13.0: LIABILITY**

### **11.13.1 Force Majeure**

A Party shall not be considered to be in default or breach of this Agreement, and shall be excused from performance or liability for damages to the other Party, if and to the extent it shall be delayed in or prevented from performing or carrying out any of the provisions of this Agreement, arising out of or from any act, omission, or circumstance by or in consequence of any act of God, labor disturbance, sabotage, failure of contractors or suppliers of materials, act of the public enemy, war, invasion, insurrection, riot, fire, storm, flood, ice, earthquake, explosion, epidemic, breakage or accident to machinery or equipment or any other cause or causes beyond such Party’s reasonable control, including any curtailment, order, regulation, or restriction imposed by governmental, military or lawfully established civilian authorities, or by making of repairs necessitated by an

emergency circumstance not limited to those listed above upon the property or equipment of the Party or property or equipment of others which is deemed under the Operational Control of the Party. A Force Majeure event does not include an act of negligence or Intentional Wrongdoing by a Party. Any Party claiming a Force Majeure event shall use reasonable diligence to remove the condition that prevents performance and shall not be entitled to suspend performance of its obligations in any greater scope or for any longer duration than is required by the Force Majeure event. Each Party shall use its best efforts to mitigate the effects of such Force Majeure event, remedy its inability to perform, and resume full performance of its obligations hereunder.

A Party suffering a Force Majeure event (“Affected Party”) shall notify the other Party (“Non-Affected Party”) in writing (“Notice of Force Majeure Event”) as soon as reasonably practicable specifying the cause of the event, the scope of commitments under the Agreement affected by the event, and a good faith estimate of the time required to restore full performance. Except for those commitments identified in the Notice of Force Majeure Event, the Affected Party shall not be relieved of its responsibility to fully perform as to all other commitments in the Agreement. If the Force Majeure event continues for a period of more than 90 days from the date of the Notice of Force Majeure Event, the Non-Affected Party shall be entitled, at its sole discretion, to terminate the Agreement.

#### **11.213.2 Liability to Third Parties**

Nothing in this Agreement, whether express or implied, is intended to confer any rights or remedies under or by reason of this Agreement on any person or entity that is not a Party or a permitted successor or assign.

#### **11.313.3 Indemnification**

(a) Definitions. An “Indemnifying Party” means a Party who holds an indemnification obligation hereunder. An “Indemnitee” means a Party entitled to receive indemnification under this Agreement.

~~Issued by: Stephen G. Whitley, President~~ ~~Effective: November 15, 2008~~  
~~Issued on: November 13, 2008~~



(b) Third Party Losses. Each Party will defend, indemnify, and hold the other Party harmless from all losses, damages, liabilities, obligations, claims, demands, suits, proceedings, recoveries, settlements, costs and expenses, court costs, attorney fees, causes of action, judgments and other obligations (~~“Loss collectively, “Losses”~~) brought or obtained by any ~~third party~~ Third Party against such other Party, only to the extent that such ~~Loss arises~~ Losses arise directly from ~~the~~:

- (i) Gross negligence, recklessness, or willful misconduct of the Indemnifying Party or any of its agents or employees, in the performance of this Agreement; except to the extent such ~~Loss arises~~ Losses arise (i) from gross negligence, recklessness, willful misconduct or breach of contract or law by the Indemnitee or such Indemnitee’s agents or employees, or (ii) as a consequence of strict liability imposed as a matter of law upon the Indemnitee, or such Indemnitee’s agents or employees; or
- (ii) Breach of the ~~p~~Parties’ obligations in Article 6 hereof.

(c) Process. The Indemnitee shall give Notice to the Indemnifying Party as soon as reasonably practicable after the Indemnitee becomes aware of the indemnifiable ~~Loss~~ Losses or any claim, action or proceeding that may give rise to an indemnification. Such notice shall describe the nature of the ~~Loss~~ Losses or proceeding in reasonable detail, explain how the Losses relate to the performance of this Agreement, and shall indicate, if practicable, the estimated amount of the ~~Loss~~ Losses that has been sustained by the Indemnitee. A delay or failure of the Indemnitee to provide the required notice shall release the Indemnifying Party (i) from any indemnification obligation to the extent that such delay or failure materially and adversely affects the Indemnifying Party’s ability to defend such claim or materially and adversely increases the amount of the indemnifiable ~~Loss~~ Losses, and (ii) from any responsibility for any costs or expenses of the Indemnitee in the defense of the claim during such period of delay or failure.

(d) Indemnification shall be limited to the extent that the liability of the Indemnitee would be limited by any applicable law.

#### **11.413.4. Liability Between the Parties**

The Parties’ duties and standard of care with respect to each other, and the benefits and rights conferred on each other shall be no greater than as expressly stated herein. Neither Party, its directors, officers, trustees, employees or agents, shall be liable to the other Party for any ~~Loss~~ Losses, whether direct, indirect, incidental, punitive, special, exemplary or consequential, arising from that Party’s performance or nonperformance under this Agreement, except to the extent that the Party is found liable for gross negligence or willful misconduct, in which case the Party responsible shall be liable only for direct and ordinary damages and not for any incidental, consequential, punitive, special, exemplary or indirect damages.

This section shall not limit amounts required to be paid for Emergency Energy under Schedule C to this Agreement. This section shall not apply to adjustments or corrections for errors in invoiced amounts due under Schedule C to this Agreement.

Issued by: ~~Stephen G. Whitley, President~~ Effective: ~~November 15, 2008~~  
Issued on: ~~November 13, 2008~~

**~~11.5-13.5~~ Liability for Interruptions**

Except as set forth herein, neither Party shall be liable to the other Party for any ~~Loss~~Losses or damage, whether direct, indirect, incidental, punitive, special, exemplary or consequential, resulting from an occurrence on the circuits and system that are under the Operational Control of the other Party and which results in damage to or renders inoperative such circuits and system, or the separation of the systems in an Emergency, or interrupts or diminishes service, or increases, decreases or in any way affects for whatever length of time the voltage or frequency of the energy delivered hereunder to the other Party.

**~~ARTICLE 12.0~~ 14.0: APPLICABLE LAW**

This Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.

**~~ARTICLE 13.0~~ 15.0: LICENSE AND AUTHORIZATION**

The agreements and obligations expressed herein are subject to such initial and continuing governmental permission and authorization as may be required. Each Party shall be responsible for securing and paying for any approvals required by it from any regulatory agency of competent jurisdiction relating to its participation in this Agreement and will reasonably cooperate with the other Party in seeking such approvals.

**~~ARTICLE 14.0~~ 16.0: ASSIGNMENT**

This Agreement shall inure to the benefit of, and be binding upon and may be performed by, the successors and assigns of the Parties hereto respectively, but shall not be assignable by either Party without the written consent of the other.

**~~ARTICLE 15.0~~ 17.0: AMENDMENT**

**~~15.1-17.1~~ Review of Agreement**

The terms of this Agreement are subject to review for potential amendment at the request of either Party. If, consequent to such review, the Parties agree that any of the provisions hereof, or the practices or conduct of either Party impose an inequity, hardship or undue burden upon the other Party, or if the Parties agree that any of the provisions of this Agreement have become obsolete or inconsistent with changes related to the Interconnection Facilities, the Parties shall endeavor in good faith to amend or supplement this Agreement in such a manner as will remove such inequity, hardship or undue burden, or otherwise appropriately address the cause for such change. Any amendment of this Agreement by the Parties must be done in accordance with Section ~~15.2.16.2.~~

**15.2-17.2 Authorized Representatives**

No amendment of this Agreement shall be effective unless effected by written instrument duly executed by the Parties' authorized representatives ~~(except as provided for in Section 7.3 of this Agreement)~~. For the purposes of this Section, an authorized person refers to individuals designated as such by Parties in their respective corporate by-laws.

**ARTICLE ~~16.0~~ 18.0: NOTICES**

Except as otherwise agreed from time to time, any notice, invoice or other communication which is required by this Agreement to be given in writing, shall be sufficiently given at the earlier of the time of actual receipt or deemed time of receipt if delivered personally to a senior official of the Party for whom it is intended or electronically transferred or sent by registered mail, addressed as follows:

In the case of the NYISO to:

New York Independent System Operator, Inc.  
10 Krey Boulevard  
Rensselaer, New York 12144  
Attention: Vice President of Operations

In the case of ISO-NE to:

ISO New England Inc.  
One Sullivan Road  
Holyoke, Massachusetts 01040-2841  
Attention: Vice President of System Operations

or delivered to such other person or electronically transferred or sent by registered mail to such other address as either Party may designate for itself by notice given in accordance with this Section or delivered by any other means agreed to by the Parties hereto.

Any notice, or communication so mailed shall be deemed to have been received on the third business day following the day of mailing, or if electronically transferred shall be deemed to have been received on the same business day as the date of the electronic transfer, or if delivered personally shall be deemed to have been received on the date of delivery or if delivered by some other means shall be deemed to have been received as agreed to by the Parties hereto.

The use of a signed facsimile of notices and correspondence between the Parties related to this Agreement shall be accepted as proof of the matters therein set out. Follow-up with hard copy by mail will not be required unless agreed to by the Coordination Committee.

## **ARTICLE 17.0 19.0: DISPUTE RESOLUTION**

In the event of a ~~D~~dispute arising out of or relating to this Agreement (a “Dispute”) that is not resolved by the representatives of the Parties who have been designated under Section 7.1 of this Agreement within 7 days of the reference to such representatives of such Dispute, each Party shall, within 14 days’ written notice by either Party to the other, designate a senior officer with authority and responsibility to resolve the Dispute and refer the Dispute to them. The senior officer designated by each Party shall have authority to make decisions on its behalf with respect to that Party’s rights and obligations under this Agreement. The senior officers, once designated, shall promptly begin discussions in a good faith effort to agree upon a resolution of the Dispute. If the senior officers do not agree upon a resolution of the Dispute within ~~14~~30 days of its referral to them; ~~(or do not within the same 14 days such longer period as the senior officers mutually agree to refer the matter to some individual or organization for alternate Dispute resolution, then either Party shall have the right to in writing), or do not mutually agree to submit their Dispute for binding or non-binding arbitration by the Federal Energy Regulatory Commission’s Dispute Resolution Service, then the Parties shall request that the Federal Energy Regulatory Commission’s Dispute Resolution Service mediate their efforts to resolve the Dispute. At any point in the mediation process, either Party may terminate the mediation and may pursue any and all remedies available to it at law or in equity.~~

Neither the giving of notice of a Dispute, nor the pendency of any Dispute resolution process as described in this Section shall relieve a Party of its obligations under this Agreement, extend any notice period described in this Agreement or extend any period in which a Party must act as described in this Agreement. Notwithstanding the requirements of this Section, either Party may terminate this Agreement in accordance with its provisions, or pursuant to an order of FERC or a court at equity. The issue of whether such a termination is proper shall not be considered a Dispute hereunder.

## **ARTICLE 18.0 20.0: REPRESENTATIONS**

### **18.1-20.1 Good Standing**

Each Party represents and warrants that it is duly organized, validly existing and in good standing under the laws of the state in which it is organized, formed, or incorporated, as applicable.

### **18.2-20.2 Authority to Enter Into Agreement**

Each Party represents and warrants that it has the right, power and authority to enter into this Agreement, to become a ~~p~~Party hereto and to perform its obligations hereunder. This Agreement is a legal, valid and binding obligation of such Party, enforceable against such Party in accordance with its terms.

### **18.3-20.3 Organizational Formation Documents**

Each Party represents and warrants that the execution, delivery and performance of this Agreement does not violate or conflict with the organizational or formation documents, bylaws,

operating agreement, or agency agreement of such Party, or any judgment, license, permit, regulatory order, or governmental authorization applicable to such Party.

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Issued on: ~~November 13, 2008~~

#### **18.4-20.4 Regulatory Authorizations**

Each Party represents and warrants that it has, or applied for, all regulatory authorizations necessary for it to perform its obligations under this Agreement.

#### **ARTICLE ~~19.0~~ 21.0: EFFECTIVE DATE AND TERM**

Subject to the conditions of Article 13.0 (License and Authorization) above, this Agreement shall take effect as of the date that all of the following have occurred: (i) upon the execution hereof by both Parties on the date set forth above; and (ii) acceptance or approval by the FERC. This Agreement shall continue in force until terminated in accordance with this Article.

This Agreement may be terminated at any time by mutual agreement in writing. It may also be terminated by either Party with prior written notice of at least ninety (90) days to the other Party of its intention to terminate.

#### **ARTICLE ~~20.0~~ 22.0: MISCELLANEOUS**

##### **20.1-22.1 Performance**

The failure of a Party to insist, on any occasion, upon strict performance of any provision of this Agreement will not be considered a waiver of any right held by such Party. Any waiver on any specific occasion by either Party shall not be deemed a continuing waiver of such right, nor shall it be deemed a waiver of any other right under this Agreement.

##### **20.2-22.2 Agreement**

This Agreement, including all [Schedules and Attachments](#) hereto, is the entire agreement between the Parties with respect to the subject matter hereof, and supersedes all prior or contemporaneous understandings or agreements, oral or written, with respect to the subject matter of this Agreement.

##### **20.3-22.3 Governmental Authorizations**

This Agreement, including its future amendments is subject to the initial and continuing Federal Energy Regulatory Commission authorizations required to establish, operate and maintain the Interconnection Facilities as herein specified. Each Party shall take all actions necessary and reasonably within its control to maintain all rights and Federal Energy Regulatory Commission approvals required to perform its respective obligations under this Agreement.

[If one Party determines that it is required to self-report a potential violation to the Commission's Office of Enforcement regarding its compliance with this Agreement or the administration of CTS, the reporting Party shall inform, and provide a copy of the self-report to the other Party. Any such report provided by one Party to the other shall be Confidential Information. Each Party shall make reasonable efforts to cooperate and assist in remedying any such violation, to the extent such](#)

assistance is necessary to resolve the matter and to the extent doing so is consistent with maintaining the Party's legal privilege.

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#### **20.4-22.4 Unenforceable Provisions**

If any provision of this Agreement is deemed unenforceable, the rest of the Agreement shall remain in effect and the Parties shall negotiate in good faith and seek to agree upon a substitute provision that will achieve the original intent of the Parties.

#### **20.5-22.5 Execution**

This Agreement may be executed in multiple counterparts, each of which shall be considered an original instrument, but all of which shall be considered one and the same Agreement, and shall become binding when all counterparts have been signed by each of the Parties and delivered to each Party hereto. Delivery of an executed signature page counterpart by telecopier shall be as effective as delivery of a manually executed counterpart.

#### **20.6-22.6 Regulatory Authority**

If any Regulatory Authority having jurisdiction (or any successor boards or agencies), a court of competent jurisdiction or other governmental entity with the appropriate jurisdiction (collectively, the "Regulatory Bodies") issues a rule, regulation, law or order that has the effect of cancelling, changing or superseding any term or provision of this Agreement, including changes to section headings or numbering (the "Regulatory Requirement"), then this Agreement will be deemed modified to the extent necessary to comply with the Regulatory Requirement. Notwithstanding the foregoing, if the Regulatory Authority materially modifies the terms and conditions of this Agreement and such modification(s) materially affect the benefits flowing to one or both of the Parties, as determined by either of the Parties within twenty (20) business days of the receipt of the Agreement as materially modified, the Parties agree to attempt in good faith to negotiate an amendment or amendments to this Agreement or take other appropriate action(s) so as to put each Party in effectively the same position in which the Parties would have been had such modification not been made. In the event that, within sixty (60) days or some other time period mutually agreed upon by the Parties after such modification has been made, the Parties are unable to reach agreement as to what, if any, amendments are necessary and fail to take other appropriate action to put each Party in effectively the same position in which the Parties would have been had such modification not been made, then either Party shall have the right to unilaterally terminate this Agreement forthwith.

#### **20.7-22.7 Headings**

The headings used for the Articles and Sections of this Agreement are for convenience and reference purposes only, and shall not be construed to modify, expand, limit, or restrict the provisions of this Agreement.

**IN WITNESS WHEREOF**

IN WITNESS WHEREOF the Parties hereto have caused this Agreement to be executed in duplicate as of the day and year first written above.

NEW YORK INDEPENDENT SYSTEM OPERATOR

By: \_\_\_\_\_

Ricardo T. Gonzales, Senior Vice President and Chief Operating Officer of Operations

ISO NEW ENGLAND INC.

By: \_\_\_\_\_

Vamsi Chadalavada, Senior Vice President and Chief Operating Officer

~~Issued by: Stephen G. Whitley, President Effective: November 15, 2008~~

~~Issued on: November 13, 2008~~



## Schedule A: Description of Interconnection Facilities

The Coordination Agreement between ISO-NE and the NYISO covers the New England – NYISO Interconnection Facilities under the Operational Control of the NYISO and ISO-NE.

For Operational Control purposes, the point of demarcation for each of the Interconnection Facilities listed below is the point at which each Interconnection crosses the New England-New York State boundary, except as noted below.

There are presently three (3) ISO-NE-NYISO Interconnections. The three Interconnections are comprised of eight (8) alternating current (“AC”) Interties and one (1) high-voltage direct current (“HVDC”) Intertie. The first Interconnection (the “NY/NE Northern AC Interconnection”) is comprised of seven (7) of the eight (8) AC Interties. The second Interconnection (the “NNC Interconnection”) is comprised of the remaining AC Intertie. The third and final Interconnection (the “CSC Interconnection”) is comprised of a single HVDC Intertie. For each Interconnection, NYISO and ISO-NE have identified respective associated external nodes for scheduling and pricing purposes. The nodes associated with each of the Interconnections are listed in Table 1 of Attachment A of Schedule C of this Agreement.

### **List of Interconnections**

NY/NE Northern AC Interconnection - The NY/NE Northern AC Interconnection is comprised of the following seven (7) Interties (as ordered from North to South):

1. PV-20 Intertie (115 kV AC),
2. K7 Intertie (115 kV AC),
3. K6 Intertie (115 kV AC),
4. E205W Intertie (230 kV AC),
5. 393 Intertie (345 kV AC),
6. 690 Intertie (69 kV AC), and
7. 398 Intertie (345 kV AC).

NNC Interconnection - The Northport-Norwalk Harbor Cable (“NNC”) Interconnection is comprised of the following Intertie:

1. NNC Intertie (138 kV AC).

CSC Interconnection - The Cross Sound Cable (“CSC”) Interconnection is comprised of the following Intertie:

1. CSC Intertie (150 kV HVDC).

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**List of Interties** (as ordered from North to South)

PV-20 Intertie - A 115 kV AC transmission circuit, designated PV-20, series switched reactor and phase shifting transformers, connecting the Plattsburgh transmission substation in NY to the Sandbar transmission substation in VT. The common meter point for this Intertie is located at the Plattsburg transmission substation.

K7 Intertie - A 115 kV AC transmission circuit, designated K7, and phase shifter transformer connecting the Whitehall transmission substation in NY to the Blissville transmission substation in VT. The common meter point for this Intertie is located at the Whitehall transmission substation.

K6 Intertie - A 115 kV AC transmission circuit, designated K6, connecting the Hoosick transmission substation in NY to the Bennington transmission substation in VT. The common meter point for this Intertie is located at the Hoosick transmission substation.

E205W Intertie - A 230 kV AC transmission circuit, designated E205W, connecting the ~~Rotterdam~~Eastover Road transmission substation in NY to the Bear Swamp transmission substation in MA. The common meter point for this Intertie is located at the Bear Swamp transmission substation.

393 Intertie - A 345 kV AC transmission circuit, designated 393, connecting the Alps transmission substation in NY to the Berkshire transmission substation in MA. The common meter point for this Intertie is located at the Alps transmission substation.

690 Intertie - A 69 kV AC transmission circuit, designated 690, connecting the Smithfield transmission substation in NY to the Salisbury transmission substation in CT. The common meter point for this Intertie is located at the Salisbury transmission substation.

398 Intertie - A 345 kV AC transmission circuit, designated 398, connecting the Pleasant Valley transmission substation in NY to the Long Mountain transmission substation in CT. The common meter point for this Intertie is located at the Pleasant Valley transmission substation.

NNC Intertie - Three 138 kV AC transmission circuits (designated 601, 602 and 603), transformer and phase shifting transformer, initially designated as the 1385 Cable Intertie and now the NNC Intertie, connecting the Northport transmission substation in NY to the Norwalk Harbor transmission substation in CT.<sup>1</sup> The common meter point for this Intertie is located at the Norwalk Harbor transmission substation.

CSC Intertie - A 150+/- kV HVDC transmission circuit and associated converter facilities, designated CSC, connecting the Tomson converter at Shoreham, NY to the Halvarsson converter at New Haven, CT. This entire facility is under ISO-NE operating authority, pursuant to the FERC Order containing approvals regarding the HVDC Cross Sound Cable. For Operational Control purposes, the point of demarcation for the HVDC Interconnection CSC is within New York State at the point where the converter facilities interconnect with LIPA's 138 kV AC facilities at Shoreham, NY. The common meter point for this Intertie is located at the Shoreham transmission substation.

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<sup>1</sup> The NNC Intertie may be referenced in the Parties individual operating documents as the Northport-Norwalk Harbor Cable ("NNC"), the 1385 Cable/Line or the 601, 602 and 603 Cables.

## **Schedule B: Procedures for Development and Authorization of Operating Instructions**

### **Overview**

Operating Instructions (a) will be developed and recorded by the Parties, with assistance from the Coordination Committee, in accordance with this Schedule B, (b) will be contained in a document separate from this Agreement, and (c) may be modified by the Parties, with assistance from the Coordination Committee, without amending this Agreement.

The Parties, with assistance from the Coordination Committee, shall jointly develop ~~and approve~~ Operating Instructions and review them at least annually. The Parties, with assistance from the Coordination Committee, shall submit draft material to one another for review and comment. The Parties, with assistance from the Coordination Committee, shall provide comment on the draft material promptly. The Parties, with assistance from the Coordination Committee, shall promptly provide such information as may reasonably be required in connection with establishing, or reviewing, the material. The Coordination Committee shall be responsible for approving final versions of Operating Instructions.

In the event that any conflicts arise or are made apparent to a Party regarding any Operating Instructions, they shall notify the other Party and engage the Coordination Committee, if necessary, to resolve such conflicts.

The Coordination Committee will periodically review applicable ISO-NE and NYISO individual procedures and processes to determine any benefits of sharing these procedures and processes. These benefits may be for the purpose of training or to satisfy Reliability Standards. The Coordination Committee will determine how best to share these individual procedures and processes.

A list of Operating Instructions and applicable ISO-NE and NYISO individual procedures will be maintained by the Coordination Committee.

Outlined below are the key principles and items of methodology to be observed while the Parties, with assistance from the Coordination Committee ~~is, are~~ engaged in developing ~~and approving~~ Operating Instructions, and issuing them to their respective operations staff.

### **Principles**

Given that the Parties' respective operations staff benefit from following a single instruction for all aspects of their execution of interconnected operations, it is an acceptable practice to combine this content to achieve the single Operating Instructions for use by a respective Party's operations staff. The preferred methodology when appropriate is to use the NPCC Criteria, Guides and Procedures for the coordination and operation of the interconnected Transmission Systems. When the NPCC documentation is insufficient to accomplish this task separate instructions will be developed in accordance with this Schedule.

Each Party shall coordinate the issuance internally of any Operating Instructions developed and agreed to by the Parties, with assistance from the Coordination Committee, to ensure that their respective operations staff has these

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Operating Instructions. In addition, annual review of the Operating Instructions and the Parties' internal procedures associated with the Operating Instructions shall be conducted by the Parties, with assistance from the Coordination Committee, to ensure consistency.

Operating Instructions, when approved by the ~~Coordination Committee~~Parties, shall be binding on the Parties insofar as they relate to the Interconnection Facilities until they expire, are changed, deleted, or superseded by authority of the Parties, with assistance from the Coordination Committee.

### **Items of Methodology**

~~Each page of an approved Operating Instructions shall be identified in the header or footer with "NYISO—ISO-NE Coordination Committee", the effective date and any revision number.~~

By mutual agreement of the Coordination Committee, one of the Parties shall be designated by the Coordination Committee to control the revision process of the Operating Instruction from the initial drafting of material through to the conversion of the Operating Instruction into its final form.



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### **Schedule C: Emergency Energy Transactions Schedule**

WHEREAS, ISO-NE, as the regional transmission organization for the New England Transmission System and the administrator of the New England markets, arranges for the sale and purchase of Emergency capacity and energy on behalf of Market Participants with neighboring Balancing Authority Areas, all in accordance with the ISO-NE Tariff, which includes the Open Access Transmission Tariff and ISO-NE market rules;

WHEREAS, ISO-NE is the responsible for, among other matters, procuring and acting as supplier of last resort of ancillary services (including arranging for the sale and purchase of Emergency capacity and energy with neighboring Balancing Authority Areas), in accordance with the ISO-NE Tariff;

WHEREAS, the NYISO, as the independent system operator of the New York Transmission System and the administrator of the New York wholesale electricity markets, arranges for the sale and purchase of Emergency capacity and energy on behalf of Market Participants with neighboring Balancing Authority Areas, all in accordance with the NYISO Tariffs;

WHEREAS, the NYISO is the administrator of the NYISO Tariffs and is responsible for, among other matters, procuring and acting as supplier of last resort of ancillary services (including arranging for the sale and purchase of Emergency capacity and energy with neighboring Balancing Authority Areas), in accordance with the NYISO Tariffs;

WHEREAS, either of the Parties may, from time to time, have insufficient Operating Reserve available on the respective systems that they operate, or need to supplement available resources to cover sudden and unforeseen circumstances such as loss of equipment or forecast errors, and such conditions could result in the need to arrange for the purchase of Emergency Energy for Reliability reasons;

NOW, THEREFORE, in consideration of the premises and of the mutual covenants herein set forth, the Parties mutually agree as follows:

## **ARTICLE I**

### **1.0 DELIVERY POINT**

The Delivery Point for energy delivered pursuant to the terms of this Schedule shall be at one of three points of Interconnection between the NYISO Balancing Authority Area and the ISO-NE Balancing Authority Area, and at such other points of Interconnection as may be established.

These three points of Interconnection are as follows: (1) the NY/NE Northern AC Interconnection<sup>2</sup>; (2) the NNC Interconnection; and (3) the Cross Sound Cable (CSC) Interconnection, which is a HVDC facility.

Unless otherwise agreed by the Coordination Committee, the price for energy for an hour delivered pursuant to this Schedule shall include all transmission costs of delivering such energy to the Delivery Point in that hour, and the Party taking delivery of such energy for the hour shall be responsible for all transmission costs beyond the Delivery Point for that hour.

## **ARTICLE II**

### **2.0 CHARACTERISTICS OF EMERGENCY ENERGY**

2.1 All Emergency Energy made available under this Schedule shall be three phase, 60 Hz alternating current at operating voltages established at the Delivery Point in accordance with system requirements and appropriate to the Interconnection Facilities or other such characteristics as may be agreed upon by the Parties.

## **ARTICLE III**

### **3.0 NATURE OF SERVICE**

3.1 ISO-NE and the NYISO shall, to the maximum extent each deems consistent with the safe and proper operation of its system, the furnishing of economical, dependable and satisfactory services by its participants, and the obligations of its participants to other parties, make available to the other Party when a system Emergency exists on the other Party's system, Emergency Energy from its system's available generating capability in excess of the system's load requirements (i.e., load requirements alone, not load plus reserve requirements) up to the transfer limits in use between the two Balancing Authority Areas. Emergency Energy is provided in cases of emergency outages of generating units, transmission lines or other equipment, or to meet other sudden and unforeseen circumstances such as forecast errors, or to provide sufficient Operating Reserve. Normally, a Party requests Emergency Energy from the other Party as a last resort, when market-based real-time energy transactions are not available, or not available in a timely fashion in order to maintain its ten-minute reserve requirement. At the time the Emergency Energy sale is being initiated, the Party delivering such

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<sup>2</sup> The NY/NE Northern AC *Interconnection*, as defined in *Schedule A – Interconnection Facilities* (“*Schedule A*”) to the Coordination Agreement between ISO-NE Inc and the NYISO Inc.

Emergency Energy shall describe the Emergency Energy transaction as being one of the following: (1) “delivered out of ten-minute reserve”; (2) “delivered out of thirty-minute reserve” where such a delivery could reasonably be expected to be recalled if the Party delivering the Emergency Energy needed the generation for a reserve pick-up or other Emergency; or (3) “delivered above and beyond ten-minute and thirty-minute reserves” where the Party delivering such Emergency Energy is normally expected to be able to continue delivering the energy following a reserve pick-up.

- 3.2 The Parties are participants in the NPCC and are expected to comply with NPCC Criteria, Guides and Procedures. Such NPCC Criteria, Guides and Procedures include “Emergency Operation Criteria” (Document A-3), which describes the basic factors to be considered by a Balancing Authority Area in formulating plans and procedures to be followed in an Emergency. A principle of operation in this NPCC Criteria is that upon receiving a request for assistance to mitigate an Emergency, a Balancing Authority Area would provide “maximum reasonable assistance” to a neighboring Balancing Authority Area. Such reasonable assistance would not normally require the shedding of firm load.
- 3.3 Normally, the Party experiencing or anticipating an Emergency would request Emergency Energy from the other Party in accordance with this Schedule and applicable NPCC Criteria, Guides and Procedures after all market-based real-time transactions have been scheduled, unless there is an immediate need for such Emergency Energy in order to maintain system Reliability.
- 3.4 In the event a Party is unable to provide Emergency Energy to the other when needed, but there is energy available from a Third Party Balancing Authority Area supplier, the Party will use reasonable efforts to acquire and transmit such energy to the other Party where feasible.

#### **ARTICLE IV**

#### **4.0 RATES AND CHARGES**

- 4.1 The charge for Emergency Energy delivered to the NYISO or to ISO-NE shall be as set forth in Attachment A, attached hereto.
- 4.2 Should activations of reserve sharing be required by either of the Parties, inadvertent interchanges will intentionally be accumulated with each Balancing Authority Area providing assistance. In accordance with the NPCC “Procedures for Shared Activation of Ten Minute Reserve” (Document C-12), such inadvertent accumulations shall be treated as part of ordinary inadvertent energy.

## ARTICLE V

### **5.0 MEASUREMENT OF ENERGY INTERCHANGED**

- 5.1 All energy supplied at the Delivery Point shall be metered. The metered amounts shall be adjusted for actual losses to the Delivery Point on each of the Interconnection Facilities. This adjustment will be done to compensate for the difference in location between the Delivery Point and the meter.
- 5.2 Any properly designated representative of either of the Parties hereto shall have access, through coordination with the meter owner, during normal business hours, to all of the billing meters for the purpose of reading the same. The accuracy of the meters shall be verified by proper tests periodically and at any other time upon reasonable notice given by either of the Parties to the other, and each of the Parties shall be entitled to have a representative present at such verification, subject to coordination with the meter owner. In the event errors greater than +/-2% should be discovered, retroactive billing adjustments, if any, shall be determined by the Coordination Committee.

## ARTICLE VI

### **6.0 BILLING AND PAYMENT**

- 6.1 The procedure for rendering and payment of invoices for transactions pursuant to this Schedule shall be as set out hereunder unless otherwise agreed by the Coordination Committee.
- 6.2 ~~Promptly after the end of each calendar month, the~~The Party delivering energy pursuant to this Schedule shall promptly prepare, or cause to be prepared, and render an invoice to the other Party covering all transactions conducted under the terms of this Schedule ~~during such calendar month~~. All transactions will be billed based on the schedule of energy agreed to by the Parties.
- 6.3 All invoices rendered by a Party shall be payable by the other Party in currency of the United States of America by electronic bank transfer, ~~or in such other manner as is agreed to by the Coordination Committee, on the later of (1) the twentieth day of each month or the first common banking day after the nineteenth day of the month whichever is later within five (5) business days after the issuance of an invoice~~ (the "Due Date").
- 6.4 If the rendering of an invoice is unavoidably delayed, a Party may issue an interim invoice based on estimated charges. Each invoice shall be subject to adjustment for any errors in calculation, meter readings, estimating or otherwise. Any such billing adjustments shall be made as promptly as practical, but in no event later than six months after issuing the invoice.

- 6.5 Any amount not paid by the Due Date shall be subject to interest, calculated from the due date of the invoice to the date of payment, in accordance with the methodology specified for interest on refunds in the FERC's regulations at 18 C.F.R. § 35.19a (a) (2) (iii).
- 6.6 If any invoice remains unpaid by a Party for thirty (30) days after the Due Date, the Party rendering the invoice may, in addition to all other remedies available to it, and after giving the other Party at least five days written notice of the its intention to do so, present the issue in question to that Party's Board of Directors. The Party's Board of Directors shall contact the other Party's Board of Directors or its designee to develop a solution to a billing Dispute pursuant to Article 17 of this Agreement. The Boards of Directors may also choose to submit the billing Dispute to a form of alternative Dispute resolution to which the Boards of Directors may agree. Such action shall not be construed as a breach of contract by the Party rendering the invoice and shall not relieve the other Party of its obligations to pay for energy in accordance with the provisions of this Schedule.
- 6.7 The applicable provisions of this Schedule shall continue in effect after termination of this Schedule to the extent necessary to provide for final billing, billing adjustments, payments and disposition of any claims outstanding.
- 6.8 Each Party warrants that it has, or will have, the agreements and procedures in place to ensure the collection of payments from its participants for the delivery of Emergency Energy to it from the other Party.

## **ARTICLE VII**

### **7.0 RECORDS**

- 7.1 Each Party hereto shall keep or cause to be kept complete and accurate records and memoranda of its operations hereunder and shall maintain such data as may be necessary to determine with reasonable accuracy any item required hereunder. With respect to invoicing records, each Party shall maintain or cause to be maintained such records, memoranda and data for the current calendar year plus the previous calendar year. The Coordination Committee shall have the right to examine all such records and memoranda that are not confidential in so far as may be reasonably necessary for the purpose of ascertaining the reasonableness and accuracy of any statements of costs relating to transactions hereunder.

**Attachment A**  
**To the Emergency Energy Transactions Schedule**

**Emergency Energy Pricing**

In accordance with the Emergency Energy Transactions Schedule between the NYISO and ISO-NE, the charge for Emergency Energy delivered to the Delivery Point by the NYISO or ISO-NE to the other shall be as defined within this Attachment A.

**A.1. Direct NYISO/ISO-NE Emergency Energy Transaction**

These are requests made by either the NYISO or ISO-NE to receive Emergency Energy in support of Emergency conditions and to protect Reliability in the event that there is a need for energy on its system that could not be supplied through the market.

The charge for Emergency Energy shall be calculated using the following two-part formula. The first part of the formula calculates the Energy Charge portion of the charge and the second part incorporates any Transmission Charge reasonably associated with the delivery of the Emergency Energy to the Delivery Point.

**The Energy Charge portion of the Emergency Energy Charge (for an hour)**

The Energy Charge portion of the Emergency Energy Charge for an hour =  
(Emergency Energy supplied in the hour in megawatt-hour(s) (“MWh”))  
\* (Delivering Party’s Cost of Energy in \$/MWh)  
\* 110%

In the case of the NYISO as delivering Party, the Cost of Energy shall be the NYISO final external time-weighted/integrated real-time Locational Based Marginal Price (“LBMP”) at the external node associated with the Delivery Point (as used in the NYISO market system for energy exports from the NYISO Balancing Authority Area into the New England Balancing Authority Area, as such pricing node is defined in NYISO Tariffs and as summarized in Table 1), for the hour of the Emergency Energy delivery.

In the case of ISO-NE as the delivering Party, the Cost of Energy shall be the ISO-NE final real-time integrated hourly Locational Marginal Price (“LMP”) at the external node associated with the Delivery Point (as used in the New England market system for energy exports from the New England Balancing Authority Area into the NYISO Balancing Authority Area, as such pricing node is defined in the ISO-NE Tariff and as summarized in Table 1), for the hour of the Emergency Energy delivery.

**Table 1**

<b><u>Delivery Points and Associated Pricing Nodes, as Modeled by the Delivering Party</u></b>		
	<b>External Nodes for Pricing Node for the Delivering Party (as modeled in the Delivering Party's system)</b>	
<b><u>Delivery Point</u></b>	<b><u>Delivering Party: ISO-NE</u></b>	<b><u>Delivering Party: NYISO</u></b>
<b>NY/NE Northern AC Interconnection</b>  (excludes the NNC (or 1385 Cable) Intertie)	<b>.I.ROSETON 345 1 (4011)</b>	<b>N.E._GEN_SANDY PD (24062)</b>
<b>NNC Interconnection</b>	<b>.I.NRTHPORT 1385 (4017)</b>	<b>NPX_1385_GEN (323591)</b>
<b>CSC Interconnection</b>	<b>.I.SHOREHAM138 99 (4014)</b>	<b>NPX_GEN_CSC (323557)</b>

The Transmission Charge portion of the Emergency Energy Charge (for an hour)

The Transmission charge portion of the Emergency Energy Charge to the Delivery Point for an hour shall equal the actual ancillary services costs and any transmission costs reasonably associated with the delivery of such Emergency Energy for an hour by the delivering Party to the Delivery Point pursuant to the applicable tariff of the delivering Party, as filed with and accepted by the governmental agency with jurisdiction over such tariff.

**A.2. NYISO/ISO-NE Emergency Energy Transaction From Third Party Balancing Authority Area Supplier**

These are requests made by NYISO or ISO-NE to deliver Energy to the other to address system balancing or other Reliability conditions present on the exporting system, which could not be accomplished through the market.

The charge for Emergency Energy supplied to a Party from a Third Party Balancing Authority Area supplier shall be calculated using the following two-part formula. The first part of the formula calculates the Energy Charge portion of the charge, which in this case includes the total charge (energy and transmission) that the Third Party Balancing Authority Area supplier charges for delivery of the Emergency Energy to the delivering Party's Balancing Authority Area border. The second part of the formula incorporates any Transmission Charges reasonably associated with the delivery of the Emergency Energy by the delivering Party through its system to the Delivery Point. It is expected that that all such Third Party Balancing



Authority Area supplier charges will be in accordance with rates filed and accepted by the governmental body with jurisdiction over such rates.

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The Energy Charge portion of the Emergency Energy Charge (for an hour)

The Energy Charge portion of the Emergency Energy Charge for an hour =  
(Emergency Energy supplied in the hour in MWh)  
\* (Third Party Balancing Authority Area supplier's total charge for such energy  
in \$/MWh)

(Note: 10% adder does not apply to pricing of Emergency Energy from Third Party  
Balancing Authority Area suppliers.)

The Transmission Charge portion of the Emergency Energy Charge (for an hour)

The Transmission Charge portion of the Emergency Energy Charge to the Delivery  
Point for an hour shall equal the actual ancillary services costs and any transmission  
costs reasonably associated with the delivery of such energy for an hour to the  
Delivery Point pursuant to the applicable tariff of the delivering Party, as filed with  
and accepted by the governmental agency with jurisdiction over such tariff.  
Transmission costs would include, but not be limited to, any costs for congestion  
and losses that are associated with the delivery of such Emergency Energy through  
the delivering Party's Balancing Authority Area for an hour to the Delivery Point,  
as calculated by the amount of Emergency Energy supplied multiplied by: (1) when  
NYISO is the delivering Party, (the NYISO real-time LBMP of the external node at  
which the Emergency Energy exits the NYISO Balancing Authority Area minus  
the NYISO real-time LBMP of the external node at which the Emergency Energy  
enters the NYISO Balancing Authority Area); or (2) when ISO-NE is the delivering  
Party, (the ISO-NE real-time LMP of the external node at which the Emergency  
Energy exits the ISO-NE Balancing Authority Area minus the ISO-NE real-time  
LMP of the external node at which the Emergency Energy enters the ISO-NE  
Balancing Authority Area).