Schedule A (Description of Interconnection Facilities) to the Coordination Agreement Between ISO New England Inc. and The New York Independent System Operator, Inc.



## **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.

ISO-NE and NYISO shall jointly develop and maintain an 'ISO-NE / NYISO List of Interconnection Facilities' (including a description of the associated Interties and metering points) and post the most current mutually agreed upon list on their respective public websites. The Parties may jointly revise the list by mutual written agreement. After the Parties mutually agree to changes, ISO-NE and NYISO shall post an updated list on their respective websites. The ISO-NE / NYISO List of Interconnection Facilities shall not be modified if either Party objects to a proposed change. The most current list developed by mutual agreement shall remain the official version of the list and neither Party shall knowingly post a list that includes changes that are not the product of mutual agreement.

There are three (3) ISO-NE/NYISO Interconnections: the "NY/NE Northern AC Interconnection," the Northport-Norwalk Harbor Cable ("NNC Interconnection"), and the Cross Sound Cable ("CSC Interconnection"). For each Interconnection, NYISO and ISO-NE have identified respective associated Interties, Intertie metering points, and external nodes for scheduling and pricing purposes.

For Operational Control purposes, the point of demarcation for each of the Interconnection Facilities listed belowInterconnections is the point at which each the Interconnection (and its individual Interties) crosses the New England-New York State boundary, except as otherwise noted belowin the ISO-NE / NYISO List of Interconnection Facilities. The external nodes associated with each of the Interconnections are listed in Table 1 of Attachment A of Schedule C of this Agreement.

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/FV 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).

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

<u>PV-20 Intertie</u> - 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.

<u>K7 Intertie</u> - 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.

<u>K6 Intertie</u> - 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.

<u>E205W Intertie</u> - A 230 kV AC transmission circuit, designated E205W, connecting the <u>Eastover</u> <u>Road</u> 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.

<u>393 Intertie</u> - 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.

<u>690/FV Intertie</u> A 69 kV AC transmission circuit, designated 690/FV, 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.1 The common meter point for this Intertie is located at the Norwalk Harbor transmission substation.

<u>CSC Intertie</u> - 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.

<sup>1</sup> The NCC 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.