

ISO-NE / NYISO List of Interconnection Facilities

(This List will be posted on the NYISO and ISO-NE websites)

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Version 1, dated: **XXX XX**, 2020

There are three (3) ISO-NE / NYISO Interconnections, which 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 for the Northport-Norwalk Harbor Cable (the “NNC Interconnection”) is comprised of the remaining AC Intertie. The third and final Interconnection for the Cross Sound Cable (the “CSC Interconnection”) is comprised of a single HVDC Intertie.

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)

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 Plattsburgh 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 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/FV Intertie - 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 Cricket Valley transmission substation in NY to the Long Mountain transmission substation in CT. The common meter point for this Intertie is located at the Cricket 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.

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.

Revision History:

Revision Date	Version Number	ISO-NE / NYISO Approval Date	Revision Description
XX/XX/XX	1.0	XX/XX/XX	398 Intertie modification to recognize the new Cricket Valley transmission substation and common meter point in NY.

¹ 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.