

Subject: Transactions at the New York–Hydro Quebec Interface at Chateauguay

This Technical Bulletin explains the operation of and how to submit Bids at the two Proxy Generator Buses that represent the NYISO's interface with the Hydro Quebec Control Area at Chateauguay, Quebec.

Details:

The New York – Hydro Quebec interface at Chateauguay, Quebec is an HVDC tie with an authorized Total Transfer Capability (“TTC”) of 1500 MW (up to 1800 MW in real-time operation¹). In addition to enforcing the 1500 MW TTC limit, the NYISO must also enforce a 1200 MW limit on Imports² at the Interface that is based on the NYCA reserve requirement. Flows into New York in excess of 1200 MW are permitted, so long as no more than 1200 MW sink in New York (the rest must be Wheel Through transactions that sink at a different external Proxy Generator Bus.

To facilitate the management of the two, potentially simultaneous, constraints the NYISO has created a second external Proxy Generator Bus at the Chateauguay Interface. One Proxy Generator Bus is dedicated to Import and Export External Transactions (the Import / Export Proxy Bus). The second Proxy Generator Bus is dedicated to Wheels Through External Transactions (the Wheels Through Proxy Generator Bus). This dual external proxy bus configuration requires that Market Participants observe special bidding guidelines with respect to submitting External Transaction Bids at the Chateauguay Interface.

Bidding Imports and Exports at the Chateauguay Interface

External Transactions that source at an internal NYCA location (Exports) must identify the Import / Export Proxy Load Bus³ as the sink for the Transaction. Similarly, External Transactions that sink at an internal NYCA location (Imports) must specify the Import / Export Proxy Generator Bus as the source for the Transaction. The NYISO will enforce the 1200 MW Import limit at the Import / Export Proxy Generator Bus.

The Proxy Generator Bus used for submitting Imports is **HQ_IMPORT** (PTID 323601). The Proxy Load Bus used for submitting Exports is **HQ_EXPORT** (PTID 355639).

Bidding Wheels Through at the Chateauguay Interface

Wheels Through that source at the Chateauguay Interface and sink at another external Proxy Load Bus must identify the Wheels Through Proxy Generator Bus as the source for the Transaction. Similarly, Wheels Through that sink at the Chateauguay Interface and source at another external Proxy Generator Bus must specify the Wheels Through Proxy Load Bus as the sink for the Transaction. The NYISO will enforce the net 1500 MW TTC limit (into NY) based on the combination

¹ Real-Time flows of up to 1800 MW may be allowed under certain system conditions. See Technical Bulletin # 150 for additional information.

² Capitalized terms that are not defined in this Technical Bulletin shall have the meaning ascribed to them in the NYISO's Market Administration and Control Area Services Tariff.

³ Proxy Load Bus is the designation used to define the sink proxy bus for an external Proxy Generator Bus in the NYISO MIS.

of the net of Import and Export schedules and the net of incoming and outgoing Wheels Through at the Chateaugay Interface.

The Proxy Generator Bus for submitting Wheels Through that source at the Chateaugay Interface is **HQ_WHEEL** (PTID 23651). The Proxy Load Bus for submitting Wheels Through that sink at the Chateaugay Interface is **HQ_WHEEL_LD** (PTID 55856).

Ramp considerations

The Import / Export proxy bus has been assigned a ramp limit of 500 MW (50 MW/minute). The Wheels Through Proxy Generator Bus has been assigned a ramp limit of 200 MW (20 MW/minute). The appropriateness and impact of these assigned ramp limits on the scheduling of External Transactions at the Chateaugay Interface will be evaluated on an ongoing basis and may be periodically adjusted to ensure optimum use of the Interface.

Prices

The NYISO will compute independent prices (LBMPs) at the Import / Export and Wheels Through Proxy Generator Buses based upon the constraints defined for each. It is possible that the Import / Export and Wheels Through Proxy Generator Buses will be priced differently, depending upon the constraints that are active at the time. Transactions scheduled at the Import / Export Proxy Generator Bus and at the Wheels Through Proxy Generator Bus are all subject to the Rules for Non-Competitive Proxy Generator Buses that are set forth in Attachment B to the Market Services Tariff and Attachment J to the OATT.