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

Statement: This Technical Bulletin explains the operation of, and Bid submittal rules for, the dual Proxy Generator / Load Bus pairs that represent the NYISO’s interface with the Hydro Quebec Control Area at Chateaugay, Quebec.

Details:

The New York – Hydro Quebec Interface at Chateaugay, Quebec is a tie with an authorized Total Transfer Capability (“TTC”) of 1500 MW (up to 1800 MW in real-time operation¹) into the NYCA. In addition to enforcing the 1500 MW TTC limit, the NYISO must also enforce a 1310 MW limit on Imports² at the Interface that is based on the NYCA reserve requirement. Flows into New York in excess of 1310 MW are permitted so long as no more than 1310 MW sink in New York (the rest must be Wheels Through that sink at a different external Proxy Generator Bus).

To facilitate the management of the two simultaneous constraints, the NYISO has implemented two distinct external Proxy Generator Bus / Proxy Load Bus³ pairs at the Chateaugay Interface. One Proxy Generator Bus / Proxy Load Bus pair (the “Import / Export Proxy Bus”) is dedicated to Import and Export Transactions with the Proxy Generator Bus dedicated to Import Transactions and the paired Proxy Load Bus dedicated to Export Transactions. The second Proxy Generator Bus / Proxy Load Bus pair (the “Wheels Through Proxy Generator Bus”) is dedicated to Wheel Through External Transactions.

This dual external proxy bus configuration requires that Market Participants observe special bidding guidelines with respect to submitting External Transaction Bids at the Chateaugay Interface.

Bidding Imports and Exports at the Chateaugay Interface

External Transactions that source at an internal NYCA location (Exports) must identify the Import / Export Proxy Load Bus 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 1310 MW import limit at the Import / Export Proxy Generator Bus. The 1310 MW import limit is applied to the net schedule on the Import / Export proxy bus (imports scheduled on the Proxy Generator Bus minus exports scheduled on the Proxy Load bus).

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

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 Each of the Proxy Generator Buses is represented in the NYISO’s Market Information System (“MIS”) with two names and associated PTIDs that correspond to flow direction. “Proxy Load Bus” is the designation used to define the sink proxy bus for an external Proxy Generator Bus in the NYISO’s MIS.

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

The Proxy Generator Bus for submitting Wheels Through that source at the Chateauguay Interface is **HQ_GEN_WHEEL** (PTID 23651). The Proxy Load Bus for submitting Wheels Through that sink at the Chateauguay Interface is **HQ_LOAD_WHEEL** (PTID 55856).

Ramp considerations

There is a single top of the hour ramp limit of 700 MW (70 MW/minute) that is dynamically applied to both the Import/Export Proxy Generator Proxy Bus and the Wheels-Through Proxy Generator Bus in the Day-Ahead and Real-Time Market evaluations. Additionally, in the Real-Time Market evaluations there will be a separate ramp limit of **200MW** per quarter hour for the XX:15, XX:30 and XX:45 quarter hours.

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.

<p>This Technical Bulletin is not currently expected to be incorporated into a NYISO Manual/User Guide.</p>
--