

02/15/2022

Subject: Scheduling Transactions at Proxy Generator Buses Associated with Designated Scheduled Lines

Statement: This technical bulletin (TB) describes special bidding and scheduling protocols applicable to transactions over Designated Scheduled Lines. These facilities include the Cross Sound, Neptune, Linden VFT, and HTP Scheduled Lines.

Details:**Cross Sound Scheduled Line (CSC)**

The CSC is a DC underwater merchant transmission facility that interconnects to the New York Control Area (NYCA) at Shoreham, NY, and extends north under the Long Island Sound to a location near New Haven, Connecticut. The CSC is subject to the operational control of ISO-NE. The Total Transfer Capability (TTC) of this interface is 330 MWs.

The Cross Sound Scheduled Line presently supports import transactions to the NYCA (exports from NE), as well as export transactions from the NYCA (imports to NE).

For Imports¹, the associated proxy generator bus (source proxy bus) is the NPX_GEN_CSC (PTID 323557), and for Exports the associated proxy load bus² (sink proxy bus), is the NPX_LOAD_CSC (PTID 355535).

Neptune Scheduled Line

The Neptune Scheduled Line is a DC underwater merchant transmission facility that interconnects to the New York Control Area (NYCA) at Newbridge Road on Long Island and extends southwest under the Atlantic Ocean to a location near Sayreville, NJ. The Neptune Scheduled Line is subject to the operational control of PJM and is considered part of PJM's Control Area. The TTC of this interface is 660 MWs.

The Neptune Scheduled Line presently supports import transactions to the NYCA (exports from PJM).

For Imports, the associated proxy generator bus (source proxy bus) is the PJM_GEN_NEPTUNE_PROXY (PTID 323594).

Linden VFT Scheduled Line

The Linden VFT Scheduled Line is a merchant AC cable transmission facility that interconnects the NYCA to the PJM Interconnection, LLC Control Area in Linden, New Jersey. The Linden VFT Scheduled Line is subject to the operational control of PJM. The TTC of this interface is 315 MWs.

The Linden VFT Scheduled Line presently supports import transactions to the NYCA (exports from PJM), as well as export transactions from the NYCA (imports to PJM).

¹ Capitalized terms not specifically defined herein shall have the meaning set forth in the NYISO's Tariffs.

² Interconnections between the NYCA and neighboring Control Areas are called Proxy Generator Buses in the NYISO's Tariffs. However, in the NYISO's Market Information System ("MIS") software "proxy load buses" are used to schedule Exports and "proxy generator buses" are used to schedule Imports.

For Imports, the associated proxy generator bus (source proxy bus) is the PJM_GEN_VFT_PROXY (PTID 323633), and for Exports the associated proxy load bus (sink proxy bus), is the PJM_VFT_NEPTUNE_PROXY (PTID 355723).

HTP Scheduled Line

The HTP Scheduled Line is a back-to-back HVDC (AC input-DC conversion-AC output) transmission that connects the PSE&G Bergen Substation located in Ridgefield, New Jersey with Con Ed’s West 49th Street Substation in New York City. The HTP Scheduled Line is subject to the operational control of PJM. The Total Transfer Capability (TTC) of this interface is 660 MWs.

The HTP Scheduled Line presently supports import transactions to the NYCA (exports from PJM).

For Imports, the associated proxy generator bus (source proxy bus) is the PJM_HTP_GEN (323702).

Special Bidding and Scheduling Rules Applicable to Designated Scheduled Lines:

The bidding deadline for Designated Scheduled Lines in each NYISO market is 10 minutes earlier than the normal deadline; *i.e.* by 4:50 AM for the Day-Ahead Market and 85 minutes prior to the dispatch hour for the Real-Time Market. Timelines for the Day-Ahead and Real-time Markets are shown in Figures 1 and 2, below.

Figure 1. Day-Ahead Market timeline for Designated Scheduled Line transactions.

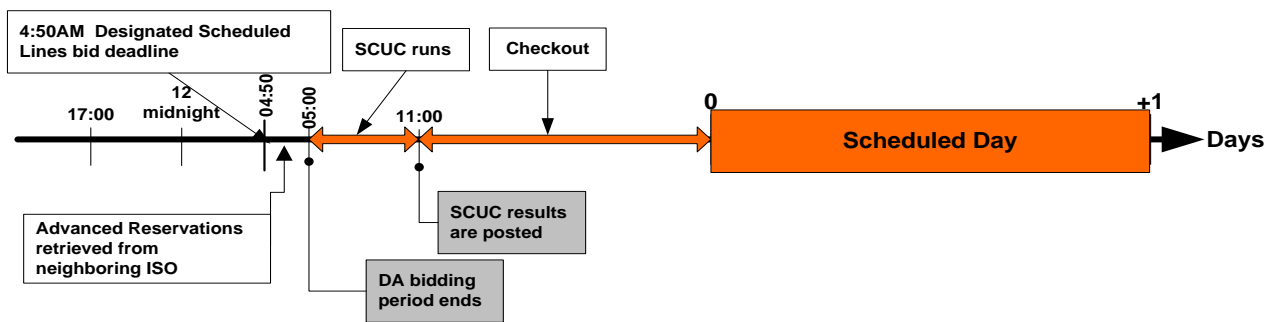
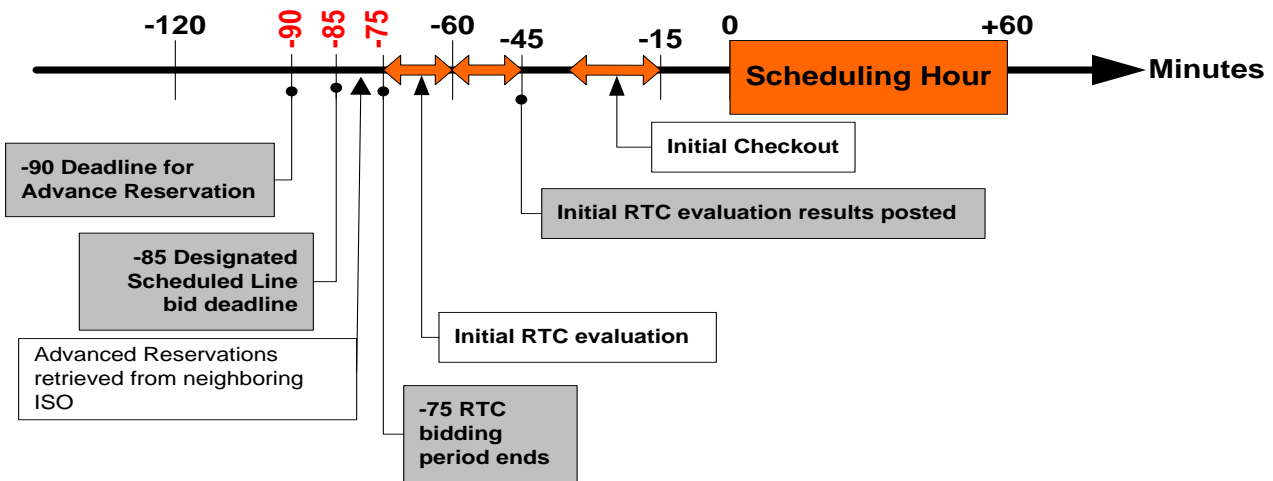


Figure 2. Real-Time Market timeline for Designated Scheduled Line transactions.



Special Bidding and Scheduling Rules Applicable to Designated Scheduled Lines Continued:

- For both Day-Ahead and Real-Time transactions over the Designated Scheduled Line, an Advance Reservation³, must be obtained from the neighboring control area OASIS. In addition, any and all other neighboring control area market requirements must be satisfied in order to ensure that a transaction will be scheduled, or will flow in real-time.
- Customers seeking to schedule Day-Ahead or Real-Time External Transactions over a Designated Scheduled Line must identify a NERC E-Tag that includes within it a reference to one, and only one, valid Advance Reservation ID. See section 29.3 of the NYISO Market Services Tariff.
- Customers must also schedule a corresponding transaction with the neighboring control area in order for the transaction to flow in real-time.
- An initial “Validation Passed” designation in the NYISO Market Information System (MIS) for a bid should not be interpreted to mean that the associated E-Tag is valid, or that the Advance Reservation is sufficient to support the bid.
- For External Transactions that are submitted early, the Real-Time Market validation of Advance Reservations will first occur 3 hours and 25 minutes before the relevant dispatch hour. The NYISO will continue to re-validate Advance Reservations each hour up to the dispatch hour. If a MP submits a transaction early and has its Advance Reservation validated, later changes to either the bid or Advance Reservation could result in the invalidation of the External Transaction.
- During the 10 minute window between the Designated Scheduled Line DAM and RT bid deadlines and the close of these respective markets, the NYISO MIS will check the bid(s) it has against the Advanced Reservation MW amount, and hours, and will change the bid status from “Validation Passed” to “Validation Failed” if the Advance Reservation is not sufficient to support the NYISO bid(s).
- The NYISO posts separate TTC and Available Transfer Capability (ATC) values for Designated Scheduled Lines. Schedules for Designated Scheduled Lines will ordinarily be limited to the posted TTC.
- The PTIDs associated with Designated Scheduled Lines are not available as Points of Injection or Withdrawal (POI / POW) in any Transmission Congestion Contract (TCC) auction.
- Scheduling frequencies available for each of these lines are detailed in Section 4.4.4 of the NYISO Market Services Tariff.

Real-Time Market Settlements and Pricing

The Proxy Generator Buses associated with the Designated Scheduled Lines are subject to the pricing rules that apply to transactions at existing NYISO external Proxy Generator Buses, as noted in section 4.4.4 of the Market Services Tariff and section 17.1.6 Attachment B of the Market Services Tariff. Transactions may also be subject to balancing and Financial Impact Charges in accordance with Sections 4.5.2.2 and 4.5.3.2 of the Market Services Tariff.

³ See NYISO Market Services Tariff § 2.1, and the NYISO Open Access Transmission Tariff § 1.1 for definition of Advanced Reservation and additional details specific to each line. Information related to obtaining an Advanced Reservation for PJM is included in Schedule 16 of the PJM Open Access Transmission Tariff. For more information on obtaining an Advanced Reservation for ISO-NE see: <http://www.oasis.oati.com/CSC/index.html>

Designated Scheduled Line Curtailment Provisions

When possible, in-hour curtailments will be based on the NERC transmission priority of the associated E-Tag.

Transmission Customers that have their schedules curtailed due to limitations on transmission facilities owned by the owner of the Designated Scheduled line shall not be eligible to receive a payment under Section 4.5.2.2 of the NYISO's Market Services Tariff.

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