

Proposed ICAP Manual Revisions Regarding Deliverability Requirements for Capacity Imports from PJM

Zachary T. Smith
Manager, Capacity Market Design

Business Issues Committee

January 17, 2018, Rensselaer, NY



Background

- Discussion of UDR Deliverability Requirements

ICAPWG September 18, 2017

- Based on the NYISO's current understanding and its discussions with PJM, External ICAP that procures Long Term Firm Point-to-Point Out Service with receipt at the source of the External ICAP (or equivalent) and delivered to the UDR Point of Interconnection within PJM is eligible to satisfy the NYISO UDR deliverability provisions of MST 5.12.2.1

- Discussion of Deliverability Requirements for Capacity Imports

ICAPWG October 11, 2017

- For IESO and ISO-NE, no additional documentation would be required. Their markets are similar to NY in that energy transactions scheduled from capacity backed resources are considered "firm"
- For PJM and HQ, each resource seeking to import capacity from those localities must provide documentation that firm transmission service exists between them and NY
 - The NYISO is proposing ICAP Manual revisions to specify the type of documentation required from PJM.
 - The NYISO is continuing to examine the documentation requirements for imports from HQ and will revisit that with the ICAPWG

- Deliverability Requirements for Capacity Imports from PJM

ICAPWG November 30, 2017

- Proposed revisions to Installed Capacity Manual outlining upcoming documentation requirement changes for capacity imports from PJM starting 5/1/2018

Changes for Resources in PJM starting 5/1/2018

- In addition to the documentation at registration, documentation proving that resources with capacity awards have firm transmission service for the obligation month
 - For all capacity import obligations, the ICAP Supplier must provide documentation to the NYISO on the day the Spot Market Auction results are posted
 - The posting date for each month is on the ICAP Event Calendar
 - The documentation deadline would be the same for all imports, regardless of whether it is a certified Strip or Monthly award or bilateral transaction, or a Spot Auction award
 - Same date will enable the NYISO to verify that the firm service is available for all of the imports; *i.e.*, it is not secured by a resource one day and returned the next day to be attributed to a different importing resource
 - ICAP Suppliers that do not provide documentation of firm transmission service by the deadline will be subject to ICAP penalties and deficiency charges

Proposed Changes to the Installed Capacity Manual

- The NYISO presented proposed ICAP Manual changes at the ICAPWG meeting. They are on the next slide with an incremental revisions marked in red.
- As discussed at the ICAPWG meeting, the following modifications have been made from the initial proposed language
 - The first new revision is to indicate the period to which the ICAP Manual revision applies
 - The second revision is to specify an additional data point

Proposed Changes to the Installed Capacity Manual

- Proposed revisions to section 4.9.3
 - iii. Installed Capacity Suppliers with capacity import obligations into NYCA from PJM **for the month of May 2018 and beyond** must provide verifiable documentation confirming firm transmission service for each day of the calendar month of the obligation, for the ICAP equivalent of the capacity import obligation, and containing the information specified in this Section. The Installed Capacity Supplier must provide the firm transmission documentation dated the day of, and received by the NYISO on the date of and by the deadline shown in the ICAP Event Calendar (i.e., the date the ICAP Spot Market Auction results are posted on the NYISO's web site.) Documentation must be sent via email to and received at icap_info@nyiso.com, along with the name(s) of the External generator(s) and MIS transaction number(s) for awarded capacity import obligations by this deadline. If the NYISO does not receive from the Installed Capacity Supplier documentation that conforms to all requirements by the deadline or is unable to verify the documentation, then the Installed Capacity Supplier may incur penalties, including those under MST section 5.14.2.1. The firm transmission documentation must contain all of the following information:
 1. Installed Capacity Supplier Name
 2. **PJM OASIS Transaction Assignment Reference number**
 3. Start Date and Time of Firm Transmission Service
 4. Stop Date and Time of Firm Transmission Service
 5. Firm Transmission Service Source Location
 6. Firm Transmission Service Sink Location
 7. Firm Transmission Service Path Name
 8. MW of Firm Transmission Service Secured

Example of acceptable documentation based on current PJM processes

The screenshot displays the PJM OASIS Portal interface. At the top, there are navigation links for 'Home', 'About', 'Security', 'Post/Read Messages', 'User Information', 'Discussions', and 'Company Information'. Below this, there are links for 'Transaction Information', 'Energy Schedules', and 'PJM 500'. The main content area is titled 'Details for Assignment Reference' and contains several sections:

- Details of Transaction:** A table with fields for Assignment Ref, Ref Posting, Related Ref, Sale Reference, Request Reference, Deal Reference, Pre-Confirmed, Primary Provider, Seller, Customer, Transaction Status (CONFIRMED), Affiliation Flag, Source, Sink, Path Name, Point of Receipt (PJM), Point of Delivery (NYIS), Requested Rollover Rights, and Waived Rollover Rights Transfer.
- Customer Information:** Fields for Company Name, Company Code, Company Duns, Name, Role in Company, Telephone, Alt Telephone, Fax, and Email.
- Seller Information:** Fields for Company Name, Company Code, Company Duns, Name, Role in Company, Telephone, Alt Telephone, Fax, and Email.
- Transaction Detail:** A table with columns for Start Time, Stop Time, Capacity Requested, Min Accepted Capacity, Capacity Granted, Posted Price, Offer Price, Bid Price, and Negotiated Price Flag.
- Transaction Profile:** A table with columns for Start Time, Stop Time, Reallocated MW, and Remaining Original MW.
- Reservation Reductions:** A table with columns for Start Time, Stop Time, Reduction Type, Reduction Reason, Impacting Ref, and Capacity Reduced.
- Ancillary Service Link:** A table with columns for Product, Assignment Ref, How Satisfied, Seller Code, Capacity Linked, and Requirement.
- Reassignment:** A table with columns for Reassigned Reference, Reassigned Capacity, Reassigned Start Time, and Reassigned Stop Time.
- Notification Log:** A section with a 'Top of Page' link.

- PJM OASIS Portal screenshot confirming rights to Firm Point-To-Point Transmission for the awarded capability month

Next Steps

- Proposed motion
- Continue evaluation of deliverability requirements for other interfaces and imports

The Mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefits to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



www.nyiso.com