Broader Regional Markets Report

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NEW YORK INDEPENDENT SYSTEM OPERATOR



| # | Issue | Status |
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| 1 | Market-to-Market Coordination-PJM Implement mechanism to allow dispatch of generation in neighboring control area to more cost effectively address transmission constraints. The NYISO and PJM activated market-to-market coordination on January 15, 2013. | COMPLETE |
| 2 | Interface Pricing Implement mechanism to represent incremental power flows at external proxies for scheduling and pricing decisions. On March 13, 2013, FERC approved the NYISO's proposed interface pricing tariff revisions. | COMPLETE |
| 3 | 15-minute scheduling with PJM Implementation of intra-hour schedule changes at external proxy. The NYISO activated 15-minute scheduling at Keystone on June 27, 2012, Neptune on October 30, 2012, Linden VFT on November 28, 2012 and HTP on June 3, 2013. | COMPLETE |
| 4 | Coordinated Transaction Scheduling (CTS) with PJM Incorporate prices from neighboring control area into dispatch to allow MPs to schedule transactions based on price differences between regions. The NYISO activated CTS with PJM on November 4, 2014. | COMPLETE |
| 5 | Coordinated Transaction Scheduling (CTS) with ISO-NE Incorporate prices from neighboring control area into dispatch to allow MPs to schedule transactions based on price differences between regions. The NYISO activated CTS with ISO-NE on December 15, 2015. | COMPLETE |



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| Asymmetric Capability Year Impact on Inter-Area Capacity Sales On February 3, 2010, FERC approved tariff revisions necessary to support the Capability Year adjustment election for holders of UDRs. On February 25, 2015, the Analysis Group presented the findings of its capacity market assessment, concluding that development of a forward capacity market structure is not warranted at this time. | COMPLETE |
| Coordination of Regional Day Ahead Electric Market Timing with Gas Day FERC directed the ISOs and RTOs to consider changes to the timing of their Day-Ahead Markets in response to changes to the gas nomination timeline. The NYISO's existing Day-Ahead scheduling practices satisfy FERC's timing requirements. | COMPLETE |
| Michigan-Ontario PAR Cost Allocation Proposal by MISO and ITC to allocate 30.9% of the cost of ITC's Michigan Ontario PARs to New York • On September 22, 2016, FERC rejected the MISO/ITC proposal and ruled in favor of the NYISO and PJM. No rehearing requests by other parties were submitted • The NYISO has received a refund payment from MISO and has begun issuing refunds | ONGOING |
| Five-minute Transaction Scheduling with Hydro Quebec Implement economic scheduling of interchange across controllable interties via the 5 minute Real-Time Dispatch ('RTD') at the HQ Chateauguay proxy | PENDING |
| 15-Minute Transaction Scheduling with Ontario Implementation of intra-hour schedule changes at external proxy • The IESO has indicated that other priorities will delay the quarter hour scheduling timeline. The NYISO and UESO have acroed to revisit prioritization discussions later this year. | PENDING |
| | Asymmetric Capability Year Impact on Inter-Area Capacity Sales On February 3, 2010, FERC approved tariff revisions necessary to support the Capability Year adjustment election for holders of UDRs. On February 25, 2015, the Analysis Group presented the findings of its capacity market assessment, concluding that development of a forward capacity market structure is not warranted at this time. Coordination of Regional Day Ahead Electric Market Timing with Gas Day FERC directed the ISOs and RTOs to consider changes to the timing of their Day-Ahead Markets in response to changes to the gas nomination timeline. The NYISO's existing Day-Ahead scheduling practices satisfy FERC's timing requirements. Michigan-Ontario PAR Cost Allocation Proposal by MISO and ITC to allocate 30.9% of the cost of ITC's Michigan Ontario PARs to New York • On September 22, 2016, FERC rejected the MISO/ITC proposal and ruled in favor of the NYISO and PJM. No rehearing requests by other parties were submitted • The NYISO has received a refund payment from MISO and has begun issuing refunds Five-minute Transaction Scheduling with Hydro Quebec Implement economic scheduling of interchange across controllable interties via the 5 minute Real-Time Dispatch ('RTD') at the HQ Chateauguay proxy 15-Minute Transaction Scheduling with Ontario Implementation of intra-hour schedule changes at external proxy |

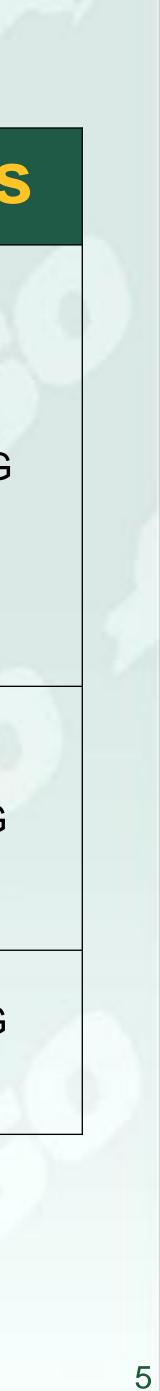


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| 11 | Evaluation of Energy Market Offer Cap Differences in offer caps between regions may interfere with economic and reliability driven interchange scheduling | |
| | •On January 21, 2016, FERC issued a NOPR under which resources would be allowed to submit bids beyond the existing \$1,000 bid cap subject to cost verification | ONGOING |
| | •The NYISO filed comments in response to the NOPR on April 4, 2016 generally supporting a soft cap of \$1,000/MWh, while advising that a consistent hard cap among regions is needed to address market seams concerns. The NYISO also expressed the view that its incremental cost review process achieves the goals outlined in the NOPR | |
| 12 | Reserves Participation in Adjacent Regional Markets Allow MPs to purchase/sell reserves and regulation between the NYISO and adjacent control areas | PENDING |
| 13 | Congestion Rent Shortfalls Resulting From External Transmission Outages Reductions in transmission capacity external to New York may result in congestion shortfalls. There is currently no mechanism to assign these costs to an external responsible party | PENDING |
| 14 | Elimination of Rate Pancaking Reciprocal elimination of fees on export transactions can increase interregional transmission scheduling efficiency. Rate pancaking between NYISO and ISO-NE has already been eliminated. | ONGOING |

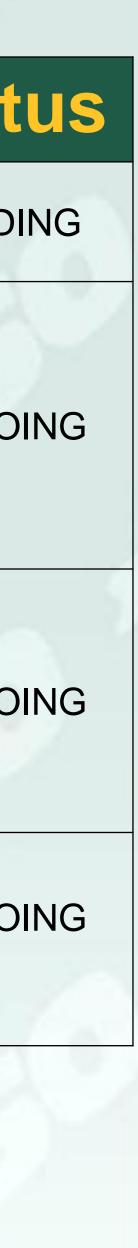


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| 15 | Capacity Imports from Ontario Ontario has expressed an interest in pursuing eligibility for New York |
| | At the February 10, 2016 BIC meeting, NYISO received a multiple sets of import right limits for the Winter 2016-201 import rights at the Ontario interface subject to Ontario m |
| | On August 30, 2016, NYISO posted to its website a Mem import of External Capacity from Ontario beginning with the |
| 16 | Buy-Through of Congestion |
| | Buy-through of Congestion would provide a scheduling and areas that are not specified on the contract path |
| | The Lake Erie ISOs and RTOs agree that implementing E |
| 17 | Reciprocal Capacity Wheeling with New England Identify the scope of issues pertaining to auction structure, and other impact areas in NY and ISO-NE markets |

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| r imports from Ontario to qualify to provide capacity in | |
| approval on revisions to the ICAP Manual reflecting 17 Capability Period including potential availability of neeting eligibility requirements | ONGOING |
| norandum of Understanding agreed to with IESO on the the the Winter 2016-2017 Capability Period | |
| d settlement mechanism to account for costs in control | PENDING |
| Buy-Through of Congestion is not necessary at this time | |
| , timing, planning, operations, IRM/LCR, cost allocation | PENDING |
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| 18 | Addressing Control Area to Control Area Capacity Transactions Identify and alleviate barriers to capacity market import and export transactions | PENDI | |
| 19 | Future of the ConEd/ PSEG Wheel The current ConEd/ PSEG wheel agreement will expire May 2017, as ConEd has elected not to renew the contracts for the wheel. The NYISO and PJM are working together to identify market design changes necessary to address the anticipated expiration of this agreement | ONGOI | |
| | Draft tariff language was presented at the November 3, 2016 MIWG meeting | | |
| 20 | RTC-RTD Forward Horizon Coordination Improvements The NYISO aims to improve modeling consistency between RTC and RTD and evaluate improvements to look-ahead evaluations to facilitate more efficient RTC-RTD scheduling and price convergence | ONGOI | |
| | The NYISO provided an initial presentation on this topic to stakeholders at the April 5, 2016 MIWG meeting An update on this effort was provided at the September 29, 2016 MIWG meeting | | |
| 21 | Settlement Intervals and Shortage Pricing in Markets Operated by RTOs and ISOs On June 16, 2016, FERC issued Order No. 825 regarding the alignment of settlement and dispatch intervals for energy, operating reserves, and intertie transactions. The rule becomes effective on September 13, 2016, and the NYISO must submit a compliance filing on or before January 11, 2017 | ONGOI | |



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ssue Impact to NYISO Capacity Market of ISO-NE's Proposed Revisions to the Qualification Requirements for 22 Import Capacity Resources Seeking to Participate in ISO-NE's Reconfiguration Auctions and Bilateral **Transactions** The proposed effective date of ISO-NE's proposed revisions to the qualification requirements for "Import Capacity" Resources" to participate in ISO-NE's Reconfiguration Auctions and bilateral transactions creates a substantial risk of unjustifiably increasing New York capacity prices and creating inefficient price signals in the NYISO-administered capacity market •On September 9, 2016, the NYISO filed a limited protest with FERC in response to ISO-NE's proposed Forward Capacity Market Enhancements, requesting that FERC defer for one capacity commitment period the implementation date of ISO-NE's proposed revisions to the qualification requirements for "Import Capacity Resources" from NYCA Localities to participate in Reconfiguration Auctions and bilateral transactions • In parallel, the NYISO is engaged in discussions with stakeholders to develop rules to address capacity exports from Localities in time for the beginning of the 2017/2018 Capability Year •On October 18, 2016, FERC issued an order that accepted ISO-NE's proposed revisions. In doing so, FERC rejected the NYISO's deferral request and ordered the NYISO to file an informational report addressing its progress in preparing a temporary solution. On November 4, 2016, the NYISO filed the required informational report •With one modification, stakeholders approved the NYISO's proposal at the October 26, 2016 Management Committee meeting. That modification would set the Locality Exchange Factor for capacity exports from Generators located in the G-J Locality to ISO-NE at 80% from June 2017 through May 2018, rather than utilize the tariff methodology and inputs. An appeal of the Management Committee's decision is pending before the NYISO Board of Directors

ONGOING



interest and provide benefit to consumers by:

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

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