Broader Regional Markets Report

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NEW YORK INDEPENDENT SYSTEM OPERATOR



#	Issue	Status
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



Broader Regional Markets Status le rea Capacity Sales ecessary to support the Capability Year adjustment COMPLETE e Analysis Group presented the findings of its ent of a forward capacity market structure is not **Market Timing with Gas Day** to the timing of their Day-Ahead Markets in COMPLETE ne NYISO's existing Day-Ahead scheduling practices t of ITC's Michigan Ontario PARs to New York ne proposal to become effective, subject to refund in er 18, 2012 recommending that FERC reject the ONGOING ng support for the New York Public Service sue a final order on this matter YISO and PJM. Rehearing requests are due on ro Quebec PENDING controllable interties via the 5 minute Real-Time

#	ISSU
6	Asymmetric Capability Year Impact on Inter-Ar On February 3, 2010, FERC approved tariff revisions ner election for holders of UDRs. On February 25, 2015, the capacity market assessment, concluding that development warranted at this time.
7	Coordination of Regional Day Ahead Electric N FERC directed the ISOs and RTOs to consider changes response to changes to the gas nomination timeline. Th satisfy FERC's timing requirements.
8	 Michigan-Ontario PAR Cost Allocation Proposal by MISO and ITC to allocate 30.9% of the cost Pending final action on the proposal, FERC allowed the December 2010. The FERC ALJ issued an Initial Decision on December MISO/ITC proposal The NYISO filed with the FERC on May 2, 2016 voicing Commission's April 19, 2016 request that the FERC iss On September 22, 2016, FERC ruled in favor of the NY October 24, 2016.
9	Five-minute Transaction Scheduling with Hydr Implement economic scheduling of interchange across c Dispatch ('RTD') at the HQ Chateauguay proxy



#	Issue
10	15-Minute Transaction Scheduling with Ontar
	Implementation of intra-hour schedule changes at exter
	 The IESO has indicated that other priorities will delay The NYISO and IESO have agreed to revisit prioritizat
11	Evaluation of Energy Market Offer Cap
	Differences in offer caps between regions may interfere interchange scheduling
	•On January 21, 2016, FERC issued a NOPR under wird submit bids beyond the existing \$1,000 bid cap subject
	• The NYISO filed comments in response to the NOPR soft cap of \$1,000/MWh, while advising that a consistent address market seams concerns. The NYISO also exp review process achieves the goals outlined in the NOP
12	Reserves Participation in Adjacent Regional N
	Allow MPs to purchase/sell reserves and regulation betw areas
13	Congestion Rent Shortfalls Resulting From E
	Reductions in transmission capacity external to New Yo There is currently no mechanism to assign these costs

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Status

PENDING

ONGOING

PENDING

PENDING

rio

rnal proxy

the quarter hour scheduling timeline. ation discussions later this year

e with economic and reliability driven

which resources would be allowed to ct to cost verification

on April 4, 2016 generally supporting a tent hard cap among regions is needed to pressed the view that its incremental cost PR

Markets

tween the NYISO and adjacent control

External Transmission Outages

ork may result in congestion shortfalls. to an external responsible party



#	SS
14	Elimination of Rate Pancaking Reciprocal elimination of fees on export transactions can in Rate pancaking between NYISO and ISO-NE has already I
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 meeting. On August 30, 2016, NYISO posted to its website a Memimport of External Capacity from Ontario beginning with the sets.
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

ue	Status	
ncrease interregional transmission scheduling efficiency. been eliminated.	ONGOING	
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 norandum of Understanding agreed to with IESO on the the Winter 2016-2017 Capability Period	ONGOING	
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	



Broader Regional Markets Status sue **Transactions** PENDING export transactions 2017, as ConEd has elected not to renew the contracts for the market design changes necessary to address the anticipated ONGOING 16 to provide further information to stakeholders ed market design concepts at the September 29, 2016 MIWG ments RTC and RTD and evaluate improvements to look-ahead ONGOING and price convergence stakeholders at the April 5, 2016 MIWG meeting kets Operated by RTOs and ISOs e alignment of settlement and dispatch intervals for energy, ONGOING nes effective on September 13, 2016, and the NYISO must

#	S:
18	Addressing Control Area to Control Area Capacity Identify and alleviate barriers to capacity market import and e
19	Future of the ConEd/ PSEG Wheel The current ConEd/ PSEG wheel agreement will expire May 2 wheel. The NYISO and PJM are working together to identify r expiration of this agreement
	 A joint NYISO/PJM meeting was held on September 16, 201 The NYISO further discussed certain aspects of the propose meeting
20	RTC-RTD Forward Horizon Coordination Improver The NYISO aims to improve modeling consistency between F evaluations to facilitate more efficient RTC-RTD scheduling a
	 The NYISO provided an initial presentation on this topic to st
21	Settlement Intervals and Shortage Pricing in Mark On June 16, 2016, FERC issued Order No. 825 regarding the operating reserves, and intertie transactions. The rule becom submit a compliance filing on or before January 11, 2017



#	ISS S
22	Impact to NYISO Capacity Market of ISO-NE's Pro Requirements for Import Capacity Resources See Auctions and Bilateral Transactions
	The proposed effective date of ISO-NE's proposed revisi Resources" to participate in ISO-NE's Reconfiguration Au risk of unjustifiably increasing New York capacity prices a administered capacity market
	•On September 9, 2016, the NYISO filed a limited protes Capacity Market Enhancements, requesting that FERC of implementation date of ISO-NE's proposed revisions to to Resources" from NYCA Localities to participate in Record
	 In parallel, the NYISO is engaged in discussions with safety from Localities in time for the beginning of the 2017/2018

sue

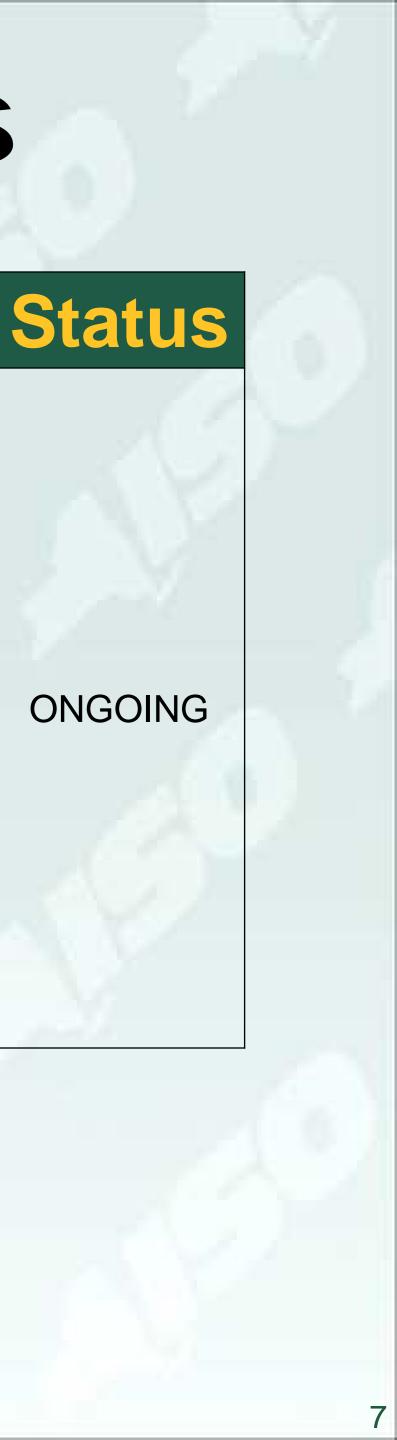
posed Revisions to the Qualification eking to Participate in ISO-NE's Reconfiguration

ons to the qualification requirements for "Import Capacity uctions and bilateral transactions creates a substantial and creating inefficient price signals in the NYISO-

t with FERC in response to ISO-NE's proposed Forward defer for one capacity commitment period the the qualification requirements for "Import Capacity nfiguration Auctions and bilateral transactions

takeholders to develop rules to address capacity exports 3 Capability Year

ONGOING



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

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

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