

NYISO Consumer Interest Liaison Weekly Summary

July 31 – August 4, 2017

Notices:

- ***The Transmission Congestion Contracts Manual Attachment C (Effective Periods of TCCs, Sub-Auctions and Rounds) and Attachment D (TCC Auction Time Line) for the Autumn 2017 Centralized TCC Auction and Winter 2017-2018 Reconfiguration Auctions are now posted on the NYISO website and can be accessed [online](#) under Manuals > Operations or [online](#) under TCC Manual > TCC Manual and Attachments.***
- ***Please note Potomac Economics will review their second quarter State of the Market Report on August 24, 2017, 1 pm, at the NYISO. Material will be available by August 21, 2017.***
- ***On July 24, 2017, AEP OnSite Partners, LLC submitted an application for Party status in the NYISO Governance as a Non-Voting Entity. AEP OnSite Partners, LLC has been **approved as a Non-Voting Entity**.***
- ***As discussed at the July 31 MIWG, the NYISO welcomes **feedback on the granularity of the DER Aggregations for Capacity market participation and how dual participation works in other ISO/RTO Markets**. Please send comments to DER_Feedback@nyiso.com***
- ***The NYISO has received **requests for a competitive entry exemption and an executed Certification and Acknowledgement from three Class Year 2017 Examined Facilities, as enumerated on the posting at the following link:*****
http://www.nyiso.com/public/webdocs/markets_operations/services/market_monitoring/ICAP_Market_Mitigation/Buyer_Side_Mitigation/Class%20Year%202017/Class_Year_2017_CEE_Notice.pdf

Meeting Summaries:

Monday, July 31, 2017

Joint Market Issues/Price Responsive Load Working Groups

Securing 100+kV Transmission Facilities in the Market Model

Ethan Avallone of the NYISO presented an update on the NYISO proposal to secure select 100+kV transmission facilities within the market model. This effort will not include all 100kV facilities; the

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facilities selected for inclusion in the NYISO market model will be identified in the Outage Scheduling Manual for transparency. The benefits of this project include:

- *Optimality - The market software is likely able to provide a lower cost solution when securing these transmission constraints, compared to other means of securing these constraints*
- *Price Formation/ Transparency – the current approach mutes price signals for investment that would improve system reliability and efficiency*
- *Securing these facilities may also reduce power supplier guarantee payments (uplift)*

Mr. Avallone explained that the project to develop constraint specific demand curves would be necessary for implementation of the 100+kV project. Additionally, due to extensive software revisions, Securing 100+kV Transmission Facilities in the Market Model would not be completed until after the implementation of the EMS/BMS project. When asked to be more specific on how long after the implementation of EMS/BMS it would take for the initiative, Mr. Avallone responded that the NYISO does not have a specific implementation schedule at this time. In response to stakeholder questions, Mr. Avallone explained that the NYISO is concerned that the existing Graduated Transmission Demand Curve (GTDC) would not provide appropriate price signals, which should be more targeted and specific. Stakeholders commented that it may not be necessary to tie the two projects together and requested that the NYISO consider an earlier, less extensive alternative.

In response to stakeholder request, the June 2017 white paper on this subject will be posted with the meeting materials for this MIWG. To see the complete NYISO presentation, please go to:

http://www.nyiso.com/public/webdocs/markets_operations/committees/bic_miwg/meeting_materials/2017-07-31/100+kV%20-%20July%20MIWG%20FINAL.pdf

Methodology for Consumer Impact Analysis: Securing 100+kV Transmission Facilities in the Market Model

Tariq Niazi presented the methodology to be used for conducting the Consumer Impact Analysis for Securing 100+kV Transmission Facilities in the Market Model. As part of the Consumer Impact Analysis process, the Consumer Interest Liaison presents the methodology to be used in the analysis of a project to provide stakeholders with an opportunity for input into the analysis. Mr. Niazi explained how the NYISO would conduct Day-Ahead Market simulations to remove Day-Ahead Reliability Unit (DARU) commitments that were made in the original production case and compare the results. Some stakeholders commented that only removing DARU commitments would limit the effectiveness of the analysis. The NYISO responded by explaining the difficulty of attempting to remove other out-of-market actions in a real-time simulation. Mr. Niazi noted that he would take back stakeholder feedback for further consideration. The Consumer Impact Analysis will be presented to stakeholders a minimum of thirty days ahead of voting on the proposal. To see Mr. Niazi's complete presentation, please go to:

http://www.nyiso.com/public/webdocs/markets_operations/committees/bic_miwg/meeting_materials/2017-07-31/v8100+kV%20CIA%20Methodology%207_20_17AMScmts.pdf

DER Eligibility and Performance Obligations

James Pigeon of the NYISO presented the third concept for discussion in the Distributed Energy Resource (DER) Roadmap process, DER Eligibility and Performance Obligations. A new definition of a DER was proposed, stating that a DER is:

- *A Supplier that is (1) connected to the distribution system, or located behind an end-use customer's utility meter, and (2) not otherwise eligible to participate as a Supplier, except as a Special Case Resource (SCR) or Emergency Demand Response Program (EDRP) resource*

Mr. Pigeon outlined the eligibility and performance obligations beginning with proposed parameter changes in the registration and offering of DERs. Commitment parameters were provided and

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discussed with stakeholders noting the differences between commitment and dispatch. Stakeholders offered scenarios for types of resources that may require additional rule/parameter revisions. Mr. Pigeon requested that stakeholders send in all potential configurations and examples of resources to assure that the NYISO designs a market that balances allowing all resources to participate without impacting market efficiency and operational reliability. All comments should be sent to

DER_Feedback@nyiso.com .

NYISO and the utilities will continue to discuss coordination and operational procedures for aggregation mapping to the transmission network, and will continue to develop a Measurement & Verification/Monitoring & Control concept. To see Mr. Pigeon's complete presentation, please go to: http://www.nyiso.com/public/webdocs/markets_operations/committees/bic_miwg/meeting_materials/2017-07-31/Distributed%20Energy%20Resource%20Eligibility%20and%20Performance%20Obligations%20MIWG%20073117.pdf

Tuesday, August 1, 2017

Joint Transmission Planning Advisory Subcommittee/Interconnection Issues Task Force Study Scopes Under Consideration for Recommendation for OC Approval

Q#518 Compass Project SIS Scope

Ramapo 345kV to PPL Lackawanna 345kV
Rockland County, NY > Lackawanna County PA

Q#617 Watkins Glen Solar SRIS Scope

50MW S/W
Schuyler and Chemung Counties, NY

Q#618 High River Solar SRIS Scope

90MW S/W
Montgomery County, NY

Q#619 East Point Solar SRIS Scope

50MW S/W
Schoharie County, NY

Q#631 NS Power Express SRIS Scope

320kV DC to 320VSC to 735kV
Champlain, NY > Hertel, Quebec

Q#632 Alps-Berkshire SIS Scope

345kV PAR Alps 345kV to Berkshire 345kV
Rensselaer County, NY > Berkshire County, MA

Study Reports Under Consideration for Recommendation for OC Approval

Q#495 Mohawk Solar SRIS Study

90MW S/W
Montgomery County, NY

Thursday, August 3, 2017

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System Operations Advisory Subcommittee

NYISO Operations Report – July 2017

Peak Load:

The peak load for the month 29,699 MW occurred on Wednesday July 19, 2017 at HB17. The Operating Reserve requirement during the peak was 1,965MW resulting in a minimum total Operating Capacity requirement of 31,664 MW.

Reserve Requirements:

Reserve	10 Min Sync	Non Sync	30 Min
Requirement	655	1,310	1,965
For Hour	871	2,159	3,227
DSASP Cont.	76	0	76

Major Emergencies: None

Alert States: 7

- 2 ACE Greater than (+or-) 500MW
- 2 Emergency Transfer Declared
- 3 Exceeding Central East Voltage Contingency Limit

The Alert State was declared 11 times during July 2016

Thunderstorm Alerts: 4

Reserve Activations: 5

Emergency Actions: None

Purchases: None

Sales: None

TLR 3 Declared: 1

FERC Filing

August 4, 2017

NYISO 205 filing regarding OATT Rate Schedule 1 amendments to remove the cost recovery mechanism for the Bunce Creek phase angle regulator

August 1, 2017

Filing, on behalf of NMPC, of Cost Reimbursement Agreement No. 2357 between NMPC and NYSEG for work on the Silver Creek Substation

July 31, 2017

NYISO comments regarding the operational, reliability, resource adequacy, and regional markets ramifications of maintaining in service the Merchant Transmission Facility owned by Hudson Transmission Partners

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FERC Orders

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August 4, 2017

FERC order accepted the notice of cancellation of the SGIA (SA 2090) among NYISO, NYSEG and Monticello Hills Wind LLC, effective August 14, 2017, as requested

August 2, 2017

FERC Letter Order accepted an executed Large Generator Interconnection Agreement entered into by NYISO, NMPC, and PSEG Power New York, LLC, effective June 7, 2017, as requested

Link to FERC Filings and Orders:

http://www.nyiso.com/public/markets_operations/documents/tariffviewer/index.jsp

