

NYISO Consumer Interest Liaison Weekly Summary

April 1 – April 5, 2019

Notices:

- *The NYISO Market Training Team will be busy instructing in May and would like you to join us for one or more of the following Courses:*
 - *May 2nd – **Market Overview** is being offered at the National Grid offices located in Liverpool, NY. This course is a one-day course which will provide attendees with an introduction to the NYISO markets and their functions.*
 - [Registration deadline is April 22, 2019.](#)
 - *May 7th – **Generating Availability Data System (GADS) Seminar** will be held at the NYISO offices. In this course, you will learn generating unit GADS reporting requirements as used by the NYISO in:*
 - *Calculating unit derating factors for the Installed Capacity (ICAP) Market and*
 - *Reliability Studies produced by both the NYISO and the New York State Reliability Council*
 - [Registration deadline is April 25, 2019](#)
 - *May 23rd – NYISO is once again offering the **Market Overview** course at the National Grid offices in Liverpool, NY.*
 - [Registration deadline is May 13, 2019](#)

Meeting Summaries:

Monday, April 1, 2019

Joint Electric System Planning Working Group/Transmission Planning Advisory Subcommittee Study Scopes under Consideration for Recommendation for OC Approval

Queue #716

Moraine Solar Energy Center Project

Solar

93.55 MW W/S

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Allegany County, NY
Recommended to the OC for Approval

Queue #717
Morris Ridge Solar Project
Solar
177 MW W/S
Livingston County, NY
Recommended to the OC for Approval

Queue #776
Greenidge Load Project
Switchgear Expansion
60 MW Capability
Yates County, NY
Recommended to the OC for Approval

Queue #787
Levy Grid
Energy Storage
150 MW W/S
Injection and Withdrawal
Erie County, NY
Recommended to the OC for Approval

Study Reports under Consideration for Recommendation for OC Approval

Queue #620
North Side Solar
Solar
180 MW W/S
Saint Lawrence County, NY
Recommended to the OC for Approval

Queue #629
Silver Lake Solar
Solar
24.99 MW W/S
Wyoming County, NY
Recommended to the OC for Approval

Queue # 693
Renovo Energy Center Uprate Project
35 MW S 44 MW W
Technology Uprate
Clinton County, PA
Recommended to the OC for Approval

Queue #781

Marcy South SSR Detection
Sub Station Resonance Detection
Fraser Annex 345kV Substation

Recommended to the OC for Approval

Summary of Non-Material Modification Determinations

Queue #363

Poseidon Project:

Reconfigure source of project such that it injects same MW level into same Point of Interconnection, but as a Large Generating Facility

Queue #531

Number 3 Wind Project:

Add a 10.5 MVar capacitor bank at 34.5 kV side and change the rating of the main transformer at the collector station to 78/104/130 MVA

Class Year 2017 Update

Ed Cano of the NYISO provided an update on the Class Year 2017 (CY17) status. A timeline was provided to illustrate the steps that have recently been completed and are currently taking place. The NYISO continues to anticipate a June 2019 presentation to TPAS/OC to close out CY17. In response to a stakeholder inquiry, Mr. Cano responded that the next Class Year (CY19) will commence per the newly established period following the completion of CY17. The Class Year Start Date will be the first Business Day after thirty Calendar Days following the completion of the prior Class Year Interconnection Facilities Study.

A second table was produced to illustrate the status of CY17 studies. Anticipated completion dates for the studies were provided for the NYC Staten Island SDU and the (NYISO) PJM-NY SUF restudy. Mr. Cano noted that the study for the “High level cost estimates/impact on PJM system” was anticipated for completion by the end of March 2019, as noted in the table. This study has not yet been received, but will be coordinated with PJM for completion.

To see the tables referred to above, go to:

https://www.nyiso.com/documents/20142/5773942/06_CY17%20Status%20Update_TPAS-04-01-2019_Draft.pdf/c75c3c93-ab33-0dfd-880c-01664255c144

Class Year/Interconnection Queue Redesign Discussion

Thinh Nguyen of the NYISO led a review of stakeholder feedback on ideas to potentially redesign the Class Year and Interconnection process. Several potential areas for improvement have been identified and the NYISO continues to solicit input from stakeholders. The NYISO had requested stakeholder suggestions for improving and accelerating the Class Year/Interconnection process at previous TPAS/ESPWG meetings and again requested additional feedback on the proposals discussed at the meeting. Mr. Nguyen led a discussion with stakeholders on the topics received from stakeholders below:

1. *Separate Additional SDU Studies from the rest of the Class Year*
2. *Separate evaluation of upstate and downstate projects*
3. *Require deliverability evaluation in the SRIS*
4. *Perform alternative or additional deliverability study outside the Class Year process for CRIS-only projects*

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5. *Allow more “exit ramps” from a Class Year Study*
6. *Create more stringent CRIS expiration rules*
7. *Allow provisional/interim CRIS for Small Generators prior to going through a Class Year Study*
8. *Evaluate external interface SUFs and non-local elective SUFs in Part 1 Studies*
9. *Develop agreements with PJM and ISO-NE governing schedules for performing affected system studies*
10. *Identify the best upgrade solution in light of Good Utility Practice vs. the least cost solution*
11. *Provide non-binding vs. binding cost estimates for upgrade facilities*
12. *Limit analytical work to incremental "system and/or projects' interaction analysis"*
13. *Class Year Entry Requirements*
14. *Adopt a PJM-like “queue window” approach*
15. *Increase MW size for Small Generator Interconnection Procedures from 20 MW to 25 MW*
16. *Require Developer to submit project data on Class Year Start Date vs. with the executed Class Year Study Agreement*

The NYISO will consider the feedback from stakeholders and continue to seek additional ideas for improvement. The NYISO requested comments by April 5th. To see the complete presentation, please go to:

https://www.nyiso.com/documents/20142/5773942/07_08_Class%20Year%20Redesign%20Ideas_040119%20TPAS_FINAL.pdf/fca455a3-e79c-7306-c29a-27ae0d22c6ba

Changes to 2019 IRM Topology for 2020 IRM Study

Kai Jiang and Kenneth Layman of the NYISO presented changes to the 2019 IRM (Installed Reserve Margin) Topology for the 2020 IRM Study. There are three updates of the topology including:

- Update 1: UPNY-SENY Interface Group
- Update 2: Jamaica Ties (J to K)
- Update 3: UPNY-ConEd Interface (G to H)

A “bubble-pipeline diagram” using the summer limits based on the 2019 IRM study final base case was provided to represent the 2019 IRM topology of New York Control Area (NYCA) transmission system.

Mr. Jiang and Mr. Layman detailed the three updates listed above and responded to stakeholder clarifying questions. The 2020 IRM Topology will be the first IRM study topology to include the pending retirement of Indian Point #2 in 2020.

The NYISO will report the same topology changes to the New York State Reliability Council Installed Capacity Subcommittee (NYSRC-ICS). The NYISO will also evaluate the impact of these topology changes in 2020 IRM study and return to TPAS and the NYSRC-ICS if there are any further topology changes to report.

To see the complete presentation, please go to:

https://www.nyiso.com/documents/20142/5773942/09_Topology_changes_2020_IRM_Apr01TPAS_032619.pdf/6d50d46e-502a-9faa-ca1e-2015edf95b5c

2019 Long Term Economic Forecast – Update of Economic Projections

Arthur Maniaci of the NYISO presented the 2019 long term forecast. Mr. Maniaci led a review of the updated economic projections received from Moody’s Analytics in August 2018. The update reflected no major changes to the statewide economic outlook, but did show a slightly lower GDP and a minor decrease in employment.

The long term energy forecast indicates a continuing reduction in annual energy usage, primarily due to energy efficiency efforts by the State and a growth of behind-the-meter solar through 2027. The forecast indicates a change to positive growth beginning in 2028 driven by electrification of the transportation and space heating sectors.

The long term forecast for the summer peak was provided through 2039 and reflects a decrease through 2030, although not as large a decrease as the annual energy usage values, before gradually increasing through the 2030s.

To see the complete presentation, please go to: <https://www.nyiso.com/tpas>

Thursday, April 4, 2019

System Operations Advisory Subcommittee

NYISO Operations Report – March 2019

Peak Load

The peak load for the month was 22,257 MW which occurred on Tuesday, March 6, 2019, HB18. Reserve requirements were as follows:

Reserve	10 Sync	Non-Sync	30 Min
Requirement	655	1,310	1,965
For Hour	1,455	3,210	6,198
DSASP Cont.	69	0	69

Major Emergencies -- None

Alert States -- Alert State was declared on 8 occasions:

3 – ACE Greater than (+or-) 500MW

1 – System Frequency 1 Low 0 High

4 – Shortage of 10 Min Synchronized Reserve

Alert state was declared 16 times during March of 2018

Thunder Storm Alerts

1 TSA was declared in March 2019 for a total of 2:37 hours

Reserve Activations – 9

There were 5 Reserve Activations during March of 2018

Emergency Actions

Special Case Resources None

TLR3 Declared – 0 for a total of 0 hours

Friday, April 5, 2019

Joint Market Issues/Installed Capacity/Price Responsive Load Working Group

Metering and MSE Cost Recovery Tariff Amendments

Michael Ferrari of the NYISO presented proposed revisions to the tariff for Metering and Meter Service Entity (MSE) cost recovery. Mr. Ferrari began by leading a review of the MSE construct that will authorize entities to provide meter services to DER Aggregations in the dispatchable DER and reliability-based (SCR and EDRP) demand response programs. The MSE rules will be included with the tariff revisions to integrate the DER participation model. The NYISO intends to reevaluate the cost recovery mechanism from time to time to determine whether it continues to accurately reflect the NYISO's costs of administering the MSE program, to assure that additional costs not act as a barrier to entry.

Mr. Ferrari highlighted the updated tariff language. A new section, MST 13.3.3, Metering Requirements for Aggregated Resources, was discussed, which incorporates feedback from the February 15, 2019 MIWG/ICAP working group discussion.

Other tariff sections presented for stakeholder discussion include:

- Application fee and process (MST 13.3.2.1)
- Audit structure and details (MST 13.3.2.3.1)
- Rate Schedule 10 (MST 15)

The NYISO continues to seek stakeholder feedback which can be sent to DER_Feedback@nyiso.com. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/5880048/Metering%20and%20MSE%20Cost%20Recovery%20Tariff%20Amendments.pdf/77b55003-36da-9e6e-1902-e9beeaeabb18>

FERC Filings

April 1, 2019

NYISO filing of its annual compliance report regarding unreserved use and late study penalties

FERC Orders

There were no FERC Orders issued to NYISO for this week.

Filings and Orders:

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