

NYISO Consumer Interest Liaison Weekly Summary

September 2 – September 6, 2019

Notices:

- The following generators have been **retired effective September 1, 2019** and are no longer participating in the NYISO markets:
 - Monroe Livingston LFGE PTID 24207
 - Steuben County LFGE PTID 323667
 - Lyonsdale Biomass PTID 23803
- The **final** version of **NYISO Generator Fuel and Emissions Reporting User's Guide (UG-17)**, has been posted to the [Manuals, Technical Bulletins & Guides webpage](#) under Guides.
- Due to today's (9/06/2019) ESPWG-TPAS meeting running longer than anticipated, **an additional meeting has been scheduled** for next week for the CARIS presentations. This meeting will be held on **September 11, 2019** at the NYISO, beginning at 12:30, following the BIC teleconference.

Meeting Summaries:

Tuesday, September 3, 2019

Metering Task Force

MSE & November 2019 SCR & EDRP Enrollments

Jeremiah Brockway of the NYISO updated factors affecting the 2019 Special Case Resource/Emergency Demand Resource Program (SCR/EDRP) enrollment. The metering service complaint proceeding (Docket No. EL18-188) remains under review by FERC. The NYISO's DER and Aggregation tariff filing (Docket No. ER19-2276) sought FERC acceptance of the tariff revisions by August 26, 2019. In order to proceed with the planned MSE implementation date of November 1, 2019, the NYISO needs FERC acceptance of the filed tariff revisions by mid-September. Mr. Brockway proceeded with the presentation under the assumption that FERC accepts the tariff revisions as filed by mid-September.

Mr. Brockway noted that Technical Bulletin 250 – Meter Services Entity (TB250) will be published prior to the opening of the enrollment period. TB250 contains the requirements for MSE authorization and operation to provide physical metering and meter data services for a Market Participant (MP). A timeline was provided reflecting the deadlines for Meter Service Entity (MSE) enrollment and transition period. The transition period allows MPs to enroll SCR/EDRP resources, while the entity it intends to use as the provider of meter data works through the MSE application and NYISO approval process. Mr. Brockway noted that MPs will be liable for any penalties that may be incurred due to lack of qualified meter data.

The NYISO is considering options for a plan in the event that FERC does not accept the current filing. To see the complete presentation, please go to:
<https://www.nyiso.com/documents/20142/8130823/MSE%20November%202019%20Enrollments.pdf/b7eaa8b2-210f-abe4-678e-cbf6a0914b0f>

Technical Bulletin #250 – “Meter Services Entity” Update

Michelle McLaughlin of the NYISO presented proposed updates to Technical Bulletin 250, “Meter Services Entity” (TB250). TB250 addresses the requirements for an entity participating in the NYISO markets as a Meter Services Entity.

Ms. McLaughlin noted several changes to existing language to add clarification and additional detail. There is also a new section to TB250 detailing meter installation requirements.

To see the redline and clean versions of the proposed changes to TB250, please go to:
<https://www.nyiso.com/mtf>

Thursday, September 5, 2019

System Operation Advisory Subcommittee

NYISO Operations Report – August 2019

Peak Load

The peak load for the month was 28,488 MW which occurred on Monday, August 19, 2019, HB15. Reserve requirements were as follows:

Reserve	10 Sync	Non-Sync	30 Min
Requirement	655	1,310	1,965
For Hour	1,576	2,549	4,981
DSASP Cont.	56	0	56

Major Emergencies -- None

Alert States -- Alert State was declared on 3 occasions:

3 – Emergency Transfer Declared

Alert state was declared 9 times during August of 2018

Thunder Storm Alerts

6 TSA were declared in August 2019 for a total of 29.3 hours

Reserve Activations – 5

There were 17 Reserve Activations during August of 2018

Emergency Actions

SCR Test	Zone A	8/22/2019	13:00 – 14:00
SCR Test	Zones B,C,D,E	8/22/2019	14:00 – 15:00
SCR Test	Zone J	8/22/2019	15:00 – 16:00
SCR Test	Zones F,G,H,I,K	8/22/2019	16:00 – 17:00

Please note: This summary is provided for informational purposes only. It is not intended to be a substitute for the presentations and other information provided by the NYSIO or the discussions that take place at the meetings.

TLR3 Declared – 0 for a total of 0 hours

Thursday, September 5, 2019

Joint Transmission Planning Advisory Subcommittee / Installed Capacity Working Group

Demand Curve Reset: Notice of Request for Potential Process Enhancements Ryan Patterson of the NYISO presented the response to an August 23, 2019 stakeholder request. It was requested that a step be developed early in the Demand Curve Reset (DCR) process for identifying and assessing any proposed revisions to the DCR process that may require tariff changes. Tariff changes late in the process could nullify completed analyses and cause delays to the DCR filing. By addressing required tariff changes early in the process, timeline certainty is enhanced.

At this time, the NYISO has not identified proposed tariff revisions related to the DCR that it seeks to further explore with stakeholders. However, the NYISO is soliciting written feedback from stakeholders regarding potential proposed tariff revisions related to the DCR and/or annual update process for further review and consideration. Some stakeholders requested that the NYISO establish a deadline for any tariff change proposals for additional certainty. The NYISO responded that it is difficult to determine a hard deadline due to the number of potential variables involved, but would consider the suggestion. Comments can be sent to deckels@nyiso.com, rpatterson@nyiso.com, or scarkner@nyiso.com.

Mr. Patterson also noted that the Issue Tracker is active and can be seen at <https://www.nyiso.com/installed-capacity-market>. The Issue Tracker will be updated monthly throughout the DCR process. To see the complete presentation, please go to: https://www.nyiso.com/documents/20142/8143989/03_Potential%20DCR%20Tariff%20Changes%20090519%20ICAPWG%20Draft.pdf/0b5ff8d9-72ac-16da-6007-ee433bdc1017

Study Scopes under Consideration for Recommendation for OC Approval

Queue #680

Long Island Offshore Wind SRIS Scope

Offshore Wind Generation

Uprate 738 MW W/S

Total 1200 MW W/S

Melville, NY

Recommended to the OC for approval

Queue #811

Cider Solar SRIS Scope

Solar Generation

500 MW W/S

Genesee County, NY

Recommended to the OC for approval

Queue #815

Bayonne Energy Center III SRIS Scope

Battery Storage

49.8 MW W/S

Bayonne, NJ

Recommended to the OC for approval

Please note: This summary is provided for informational purposes only. It is not intended to be a substitute for the presentations and other information provided by the NYSIO or the discussions that take place at the meetings.

Queue #816
NNC-TTC Increase SIS Scope
Transmission Upgrade
200 MW > 436 MW
Connecticut to LIPA Northport Station
Northport, NY
Recommended to the OC for approval

Queue #822
Narrows Battery Energy Storage SRIS Scope
Battery Storage
58.2 MW W/S
Brooklyn, NY
Recommended to the OC for approval

Queue #840
Swiftsure Energy Storage SRIS Scope
Battery Storage
650 MW W/S
Richmond County, NY
Recommended to the OC for approval

Queue #849
Somerset Load SIS Scope
Load Interconnection
250 MW
Niagara County, NY
Recommended to the OC for approval

Queue #850
Cayuga Load SIS Scope
Load Interconnection
50 MW
Cayuga County, NY
Recommended to the OC for approval

Queue #883
Garnet Energy Center SRIS Scope
Solar Generation
200 MW W/S
Cayuga County, NY
Recommended to the OC for approval

Status of Class Year 2019

Ed Cano of the NYISO updated the status of the Class Year 2019 (CY19) process. The NYISO has sent study agreements to 119 potential CY19 entrants as of August 30, 2019.

Review of Material Modification Determinations and Modifications Requiring a New Interconnection Request/SIS Request

Thinh Nguyen of the NYISO led a review of the Material Modification Determinations and modifications requiring a new interconnection request. The following projects were addressed:

- Q#276: Crown City Wind Farm
 - Changed from wind power facility to solar power facility
 - **Determined to be a non-material change**
- Q#522: NYC Energy
 - Changed from gas turbine to energy storage facility
 - **Determined to be a non-material change**
- Q#678: Calverton Solar
 - Changed Point of Interconnection within substation
 - **Determined to be a non-material change**
- Q#698: Ravenswood Energy Storage 2
 - Changed Point of Interconnection to alternative substation
 - **Determined to be a non-material change**

Class Year/Interconnection Queue Redesign

Thinh Nguyen of the NYISO led a discussion with stakeholders on the Class Year and Interconnection Queue redesign and provided tariff revisions for stakeholder feedback. The objectives of the redesign are to expedite the interconnection study process overall and to limit the possibility for unique issues related to a single or few projects to cause delays to numerous other projects.

Mr. Nguyen led a discussion on updates to the proposal for both the Deliverability and Class Year clarifications and efficiency aspects. Each of the incremental changes from previous presentations were discussed in detail to fully vet the proposal with stakeholders. It was noted that none of the updates in this presentation would affect the interconnection process timeline provided by the NYISO in a prior presentation.

Specific OATT tariff sections with incremental revisions were provided for stakeholder review and comments.

Mr. Nguyen noted the anticipated schedule for approval of the proposed changes with additional refinement through October 2019. The NYISO will seek stakeholder and Board approvals in the November/December 2019 time frame. FERC acceptance is anticipated in Q1 2020, prior to the Class Year 2019 Notice of Additional SDU Studies. To see the complete presentation, please go to:

https://www.nyiso.com/documents/20142/8143989/00_TPAS_Agenda_draft_09052019_final.pdf/845c9080-cd59-97c4-66d8-80cd40e0f5b7

Friday, September 6, 2019

Joint Transmission Planning Advisory Subcommittee / Electric System Planning Working Group

Proposed Expansion of Definition of Class Year Transmission Project to Include Radial AC

David Schwarz of Anbaric presented a proposal to revise Attachment X of the OATT to allow radial AC Transmission Platform Projects to interconnect to the New York State transmission system. Currently, changes have been proposed to the definition of Class Year Transmission Projects in Attachment X for controllable transmission but have excluded radial AC transmission facilities that would function as Transmission Platform Projects (TPPs). This means that a radial AC TPP would not be able to plan for and invest in upgrades to obtain injection rights for the benefit of a future Large Generating Facility, which makes it impossible to commit significant capital for such upgrades. Radial

Please note: This summary is provided for informational purposes only. It is not intended to be a substitute for the presentations and other information provided by the NYISO or the discussions that take place at the meetings.

AC TPPs planned ahead of remotely located Large Generating Facilities in order to enable their later interconnection to the New York State Transmission System is technically feasible and presents no adverse impacts to the New York State Transmission System.

Mr. Schwarz provided examples of ISO/RTOs that currently allow radial AC TPPs and discussed some of the challenges encountered.

Suggested tariff language for Attachment X was provided for stakeholder clarity.

The NYISO encourages stakeholder comments for consideration. To see the complete Anbaric presentation, please go to:

<https://www.nyiso.com/documents/20142/8193286/02%20NYISO%20TPAS%20SLIDES%20AC%20Radials.pdf/479d079b-bda9-1460-5ae2-9e6377ae86a9>

Updates on Comprehensive System Planning Process (CSPP) review

Yachi Lin of the NYISO updated the CSPP review for 2019. A corporate goal for a comprehensive review of the CSPP was established in 2018 for 2019. A straw proposal was presented to stakeholders in December 2018 and stakeholder comments were provided for the NYISO's consideration at that time.

Stakeholders provided several comments throughout the process including comments on the AC Transmission Public Policy Transmission Planning Process (PPTPP), requesting the NYISO to prioritize issues such as cost containment measures and the treatment of upgrades.

To achieve the 2019 Corporate Goal for "CSPP Review", the updated work plan and deliverables are as follows:

- Continue the process improvement efforts to the existing CSPP
- Develop proposals to address the lessons learned and stakeholder concerns, specifically:
 - Cost containment measures for Public Policy Transmission Planning Needs
 - Short-term assessment and planning for reliability
 - Treatment of upgrades
- Work through the stakeholder process to develop revised tariff language to support changes to the CSPP.

As the final deliverable, the NYISO will propose tariff revisions for a stakeholder vote prior to the end of 2019, and then seek Board approval to file proposed tariff revisions with FERC.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/8193286/03%20CSPPupdates.pdf/a7cab279-b483-b59a-dd64-b82acd324ffc>

Proposed Tariff Language for Cost Containment

Carl Patka of the NYISO updated the status of the proposed language to incorporate cost containment in the Public Policy Transmission Planning Process.

Several comments have been received from stakeholders. Mr. Patka led a review of the comments and indicated which comments are proposed for integration into the tariff.

Comments on the September 6, 2019 presentation are encouraged and should be submitted to the NYISO by September 11, 2019 for consideration in the September 23, 2019 presentation. Incremental changes will be posted prior to the meeting.

To see the redline tariff revisions as presented, please go to: <https://www.nyiso.com/espwg>

Short-Term Reliability Planning Process

Keith Burrell of the NYISO presented the development of a NYISO Short-Term Reliability Process (STRP). In prior CSPP review (see above) stakeholder discussions, the concept of an STRP was

Please note: This summary is provided for informational purposes only. It is not intended to be a substitute for the presentations and other information provided by the NYISO or the discussions that take place at the meetings.

envisioned to improve the management of NYISO and Transmission Owner (TO) planning workload and provide an opportunity to address Short-Term Reliability Needs beyond those that arise from generator deactivations.

The STRP will provide the NYISO and stakeholders the means to conduct scheduled and orderly reliability assessments that evaluate changes impactful to the reliability of the Bulk Power Transmission Facilities (BPTF) in the short-term, including BPTF and non-BPTF impacts from Initiating Generators that have completed their Generator Deactivation Notice (GDN), all under one process. The STRP will provide the NYISO with the ability to respond to changes on the system in a timely fashion while providing a better structure than the ad-hoc Generator Deactivation Process to address observed Short-Term Reliability Needs. Minor changes would be required in OATT Attachments FF and Y to implement this process.

The STRP would incorporate a quarterly Short-Term Assessment of Reliability (STAR). The study period for the STAR is the five years following each quarterly start date.

The STAR evaluations will include an evaluation of all Initiating Generators and will include other model updates in accordance with ISO procedures. In this process, the NYISO will assess the BPTF and, to address generator deactivations, the Responsible Transmission Owner(s) will assess the impact on their non-BPTF transmission facilities. To address the Short-Term Reliability Needs observed in each STAR, a single solicitation for solutions will be issued by the NYISO.

A proposed timetable was provided illustrating the start and completion dates for the quarterly STAR processes. The key study assumptions for each STAR will be reviewed with ESPWG and TPAS.

Mr. Burrell detailed the STRP Solution Solicitation process including provisions for subsequent changes to the scope of the Short-Term Reliability Need.

A stakeholder raised the issue of timing in consideration of procedures that are triggered by specific dates in the generator deactivation procedure. The NYISO noted the comment and took the issue back for consideration.

The NYISO encourages stakeholder input which can be sent to lbullock@nyiso.com and/or kburrell@nyiso.com by September 11, 2019 for consideration in the next presentation scheduled for the September 23, 2019 ESPWG/TPAS meeting.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/8193286/05%20ShortTermReliabilityPlanningProcess.pdf/3f0233cc-583a-87e5-fc7b-c861ca2fd2be>

NOTE: The two CARIS 1 presentations scheduled for today's ESPWG/ICAPWG meeting were postponed due to time constraints:

- *CARIS 1 – Base Case Preliminary Results*
- *CARIS 1 – 70X30 Scenario Development*

Both presentations have been rescheduled for the September 11, 2019 ESPWG meeting

FERC Filings

September 4, 2019

Report – Major Emergency State in the New York Control Area on September 3, 2019

September 4, 2019 NYISO letter regarding the effective date of revisions to the Meter Services Entity requirements in its tariff that were submitted with the June 27 DER filing.

September 5, 2019

Please note: This summary is provided for informational purposes only. It is not intended to be a substitute for the presentations and other information provided by the NYISO or the discussions that take place at the meetings.

Section 205 filing of an LGIA (Service Agreement No. 2433) between NYPA and RG&E for Rochester Area Reliability Project (RARP) interconnection.

FERC Orders

September 6, 2019

FERC letter order accepting NYISO's filing of an executed Implementation Agreement governing AGC's recovery of costs to construct a new No. 2 ultra-low sulfur diesel fuel oil system

Filings and Orders:

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