

NYISO Consumer Interest Liaison Weekly Summary

July 19 – July 23, 2021

Notices:

- The Nominating Subcommittee of the NYISO Management Committee is seeking qualified individuals willing to serve as Vice-Chairperson of the Committee. The scope of responsibilities of the Management Committee can be found in Article 7 of the ISO Agreement. As specified in the Agreement, the Vice-Chairperson will become the Chairperson following the completion of the Chairperson's term (November 2022). The Agreement further specifies that the individuals elected to these positions may not be active in the same sector as the Chair of their Committee, nor may he or she be a representative of the members that occupy the positions of Chairperson of the Management Committee or Chairperson or Vice Chairperson positions of the Business Issues Committee or Operating Committee*

Meeting Summaries:

Thursday, July 22, 2021

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

Grid Services from Renewable Generators: Revised Consumer Impact Analysis Methodology

Tariq Niazi of the NYISO updated the methodology for the Consumer Impact Analysis for the “*Grid Services from Renewable Generators*” project.

As initially presented at the May 26, 2021 ICAP/MIWG meeting, the consumer impact analysis was limited to the potential consumer impact of renewable generator participation in the regulation market. The NYISO has revised the methodology to include a more comprehensive analysis in response to stakeholder feedback.

This comprehensive consumer impact analysis will examine the full impacts of restructuring the regulation market, which will inform project prioritization efforts going forward, as well as provide advance insight into a potential future project that would develop revisions to the regulation market.

In responding to a stakeholder question as to what constitutes a “high price interval”, the NYISO responded that, as a result of the analysis, a clarification will be included in the final presentation.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/23240761/CIA%20->

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.

[%20REVISED%20Methodology%20for%20Grid%20Services%20from%20Renewable%20Generators.pdf/29ea548a-f1fb-de32-75af-ed828502bc2d](https://www.nyiso.com/documents/20142/23240761/Small%20Solar%20IPR%20Exemption_MIWG_FINAL.pdf/29ea548a-f1fb-de32-75af-ed828502bc2d)

Meteorological Data Reporting Exemption for Small Solar Generators

Tolu Dina of the NYISO presented the proposal for meteorological data reporting exemption for small solar generators. FERC Order 764 requires Variable Energy Resources (VERs) with solar as the energy source, to provide at a minimum, site-specific meteorological data including: temperature, atmospheric pressure, and irradiance. Consistent with FERC Order 764, NYISO's Services Tariff Section 5.8 requires solar resources to collect and maintain certain meteorological data required for energy forecasting. NYISO proposes to revise its Services Tariff to exempt small solar generators, *i.e.*, no larger than 20MW from the meteorological data collection and reporting requirements. NYISO will continue to require meteorological data collection and reporting from Intermittent Power Resources (IPRs) that depend on wind as their fuel and all IPRs that are classified as large generators. Aggregations containing no more than 20MW of solar resources will be exempt from the meteorological data reporting requirements to remove a barrier to the integration of solar aggregations.

In response to a stakeholder question, Mr. Dina noted that there are currently no solar utility scale resources eligible for this treatment in the NYCA, but there are candidates in the interconnection queue.

Proposed tariff language was provided for stakeholder review.

To see the complete presentation, please go to:

https://www.nyiso.com/documents/20142/23240761/Small%20Solar%20IPR%20Exemption_MIWG_FINAL.pdf/4e7f8c72-e103-d3a6-22aa-717612d602cf

Buyer Side Mitigation Assumptions for Expedited Deliverability Studies – 2020 - 02

Jonathan Newton of the NYISO presented the Buyer Side Mitigation (BSM) assumptions for the Expedited Deliverability Studies (EDS) for Q2 2020.

Four Projects are located in Mitigated Capacity Zones in the 2020-02 EDS. However, no Qualified Renewable Exemption Applicants are included in the EDS.

Mr. Newton provided the following assumptions for the BSM assessment:

- *Mitigation Study Period is Summer/Winter 2024 – 2026*
- *Load that will be used is published in April 2021 Gold Book.*
- *Resource(s) accepting costs from CY 19 and CY 19 ASDU Studies are assumed in service.*

The modifications to be applied to the 2021 LCR base case for the Installed Reserve Margin (IRM) and Locational Capacity Requirements (LCR) for the EDS 2020-02 BSM Assessments were provided. LCRs and the IRM were provided for the 2024/25, 2025/26 and 2026/27 capability years.

To see the complete presentation, please go to:

https://www.nyiso.com/documents/20142/23240761/IMM_ICAPWG_072621.Final.pdf/a42dc9c5-bb0a-3127-f9ff-a25396dc9be5

Friday, July 23, 2021

Joint Electric System Working Group/Transmission Planning Advisory Subcommittee

Short-Term Assessment of Reliability: 2021 Q3 Key Study Assumptions

Keith Burrell of the NYISO presented the study assumptions for the 2021 Q3 Short-Term Assessment of Reliability (STAR).

The 2021 Q3 STAR will use the most recent base cases from the Reliability Planning Process used the 2020 Reliability Needs Assessment (RNA) ([Link to RNA](#)) and updated for the prior STAR. Mr. Burrell also updated the changes to generation assumptions from those used in the prior STAR. This study utilizes the forecast from the 2021 Load and Capacity Data Report (“Gold Book”) with additional load projects included in addition to the 2021 Gold Book Forecasts. Specific load changes were provided.

Changes to transmission assumptions compared to the prior STAR were highlighted and discussed with stakeholders. Updates to Transmission Owner firm transmission plans and Public Policy projects as documented in Section VII of the 2021 Gold Book are included in this assessment based on the inclusion rules stated in the Reliability Planning Process Manual.

Some stakeholders requested that the NYISO add a cumulative table of system changes to the appendix to help track changes since the prior RNA. The NYISO will consider the request.

The NYISO plans to post the 2021 Q3 STAR by October 14, 2021. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/23262467/02%202021%20Q3%20STAR%20Key%20Study%20Assumptions.pdf/7634982a-af86-51a3-06a9-8c271b14fb7c>

Economic Planning – Manual Revisions

Jason Frasier of the NYISO presented updates to the Economic Planning Process Manual (Manual). Mr. Frasier highlighted updates to the System & Resource Outlook Status section of the Manual and discussed the changes with stakeholders. A redline version of the Manual was provided with the meeting materials for stakeholder review. To see the complete presentation, please go to:

https://www.nyiso.com/documents/20142/23262467/03%20Economic_Planning%20Manual.pdf/04895713-1d55-ffca-fcb0-5bb3c47887e4

Long Island PPTN Update

Ross Altman of the NYISO presented an update to the Long Island (LI) Public Policy Transmission Need (PPTN). Mr. Altman briefly reviewed the proceedings at the recent Technical Conference conducted by the NYISO for potential Developers and noted that a “*Frequently Asked Questions*” document will be posted to the website in the near future. There will be an additional update on the LI PPTN at the August 3, 2021 TPAS meeting.

Con Edison LTP Update

Saad Hameed of Consolidated Edison Company of New York (CECONY) updated the CECONY Local Transmission Plan (LTP). Mr. Hameed noted that transient voltage response issues were observed on Con Edison’s local non-BPTF system in year 2025. The issues were first identified in the NYISO 2020 Quarter 3 STAR report.

Mr. Hameed next outlined the proposed solution to address the local non-BPTF needs. The solution will be completed for 2025.

To see the complete presentation, please go to:

https://www.nyiso.com/documents/20142/23262467/05%20CECONY_LTP.pdf/9f2c4216-fb35-40cf-9aba-dd762e2f0605

WNY PPTN Project Update

Richard Allen of Nextera updated the Western New York (WNY) Public Policy Transmission Need (PPTN) project; the Empire State Line (ESL). The ESL is a new 345kV transmission line being constructed on single circuit monopole structures.

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Mr. Allen noted that the ESL will cross underneath the New York State Thruway per Thruway regulations.

Permitting requirements were reviewed for Article VII, Section 68 and Section 70.

Construction began in Early February 2021 and is progressing on schedule. A timeline for the ESL was provided with an in-service date anticipated for December 2023.

To see the complete presentation, please go to:

https://www.nyiso.com/documents/20142/23262467/06%20NEETNY%20ESL%20Project%20Update_07%202021.pdf/c71ace73-2cae-5d9d-bff6-f63ee0c95251

AC Transmission Segment A PPTN Project Update

Casey Carrol of LS Power updated the AC Transmission Segment A Public Policy Transmission Need (PPTN) project. The path of the PPTN will run from the EDIC substation in Zone C to the New Scotland substation in Zone F.

Construction commenced in February 2021 and expected to be complete in December 2023. A timeline of milestones was provided and discussed with stakeholders.

Mr. Carrol reviewed the permitting process and noted there are no delays in the process at this time.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/23262467/07%20AC%20Transmission%20Segment%20A%20PPTN%20Project%20Update.pdf/191cfafa-f1ab-b91d-0bc0-085be4e56d57>

AC Transmission Segment B PPTN Project Update

Paul Haering of New York Transco updated the AC Transmission Segment B Public Policy Transmission Need (PPTN) project. The electric transmission upgrade is a double circuit 345/ 115 kV line, which will enhance reliability by allowing aging electric infrastructure to retire aging electric infrastructure. The project reuses existing utility rights-of-way and property over a 55 mile span from Schodack to Pleasant Valley, New York.

Mr. Haering reviewed the design of the line and updated project milestones. The estimated construction completion date is December 2023.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/23262467/08%20Transco%20ESPWG%20Update.pdf/701bda10-8bd4-56d8-f7d5-44efb990e6fa>

Mechanism to Implement Transmission Owners' ROFR over Upgrades in the Public Policy Transmission Planning Process

Yachi Lin of the NYISO updated the proposal to develop a mechanism to implement Transmission Owners' Right of First Refusal (ROFR) over Upgrades in the Public Policy Transmission Planning Process (PPTPP). The proposed revisions are envisioned to apply to the current Long Island Offshore Wind Export Public Policy Transmission Need. Ms. Lin noted that the proposed revisions do not include an expanded definition of "upgrade".

Ms. Lin outlined the steps the NYISO will take to provide clarification in project submittals in order to:

- *Aid Developers in conceptualizing which components of their project would be subject to the federal ROFR and potentially designated to a Transmission Owner*
- *Inform NYISO in characterizing the various project components in the proposed designation process*
- *Help to eliminate confusion between characterization of the project and interconnection facilities.*

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Ms. Lin next highlighted the proposed designation process for Upgrades. Brian Hodgson of the NYISO detailed proposed tariff language for discussion with stakeholders. Feedback was noted for future discussion. A timeline for the process was provided with the anticipation of finalizing and posting Attachment C prior to the solicitation of the Long Island Offshore Wind Export Public Policy Transmission Need. To see the complete presentation, please go to: <https://www.nyiso.com/documents/20142/23262467/08%20UpgradeMechanism.pdf/80756d9e-8f2a-c459-b912-b5327e90b4d2>

FERC Filings

July 23, 2021

NYISO notice of effective date establishing an August 6, 2021 effective date for OATT revisions to implement certain enhancements to its credit requirements for Transmission Congestion Contracts

July 19, 2021

NYISO filing of a report, responding to the Commission's questions on Hybrid Storage Resources

July 19, 2021

NYISO filing in compliance with FERC Order No. 2222 re: Participation of Distributed Energy Resource Aggregations in Markets Operated by Regional Transmission Organizations and Independent System Operators

FERC Orders

July 23, 2021

FERC letter order accepting the SGIA among the NYISO, NYSEG, and Orangeville Energy Storage LLC, SA No 2562, effective 5/20/21 as requested
ER21-2015-000

Filings and Orders:

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