

NYISO Consumer Interest Liaison Weekly Summary

June 22 – June 26, 2020

Notices:

- *The July 1, 2020 **Special Management Committee teleconference** is scheduled to begin at 10:00 am. The agenda and discussion material have been posted to the NYISO website under the link below. [MC Meeting Material](#)*
- *The **Redline and Clean versions of the Market Participant User's Guide (UG-01)** have been posted on the [Manuals, Technical Bulletins & Guides webpage](#), under the Guides, Under Review folder. The Market Participant User's Guide has been updated to include the retirement of visualization and API software, and to include language pertaining to ESRs.*

Meeting Summaries:

Monday, June 22, 2020

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

Comprehensive Mitigation Review Options: Forward Clean Energy Market

Neal A. Fitch of NRG introduced the concept of a forward clean energy market for the NYISO wholesale markets. Mr. Fitch began by explaining how state-led procurements too often shift risk to customers instead of appropriately allocating it to project owners or counterparties incentivized to manage/hedge that risk.

A forward clean energy market would trade in Clean Energy Attribute Credits (CEAC). The State's demand would be expressed in a volume-and-price bid with multiple states' participating along with voluntary actors (cities & customers) to allow for the market to scale up.

NRG proposes to conduct an annual auction, three years forward with a seven-year "price lock" for new resources. Mr. Fitch used data to support his opinion that the forward clean energy market concept would hasten the de-carbonization of the electrical supply.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/13245925/200622%20Forward%20Clean%20Energy%20Market.pdf/e50b4d9d-75c0-ebd1-5e0d-8462a9e0e486>

Grid in Transition: Reliability Gap Assessment Potential Market Design Improvements

Nicole Bouchez of the NYISO presented the first of several planned in-depth discussions on the market design improvements needed to maintain a reliable grid during this period of transition. The goal of the discussion is to get feedback on the recommendations from stakeholders and move towards incorporating the market design improvements into the Master Plan for 2022 and beyond. The Grid in Transition Report identified the following areas of future reliability gaps:

- *Balance Supply & Demand*
- *Maintain Ten-Minute Operating Reserves*
- *Maintain Total Thirty-Minute Operating Reserves*
- *Manage Daily Energy Needs*
- *Secure Transmission Operations with Congestion Management*
- *Coordinate System Restoration and Black Start*
- *Manage Voltage Support • Maintain Frequency Response*
- *Maintain Resource Adequacy*
- *Coordinate Supply Outages*

A related discussion with stakeholders in April produced several suggestions to address one or more of the reliability gaps and resulted in a guide to help map identified gaps and market design concepts. Dr. Bouchez, while reviewing the reliability gaps, led a discussion on the proposed Ancillary Services market improvements to address the identified issues. The NYISO is encouraging stakeholders to provide comments on the Market Design Improvements identified in the Reliability Gap Assessment as well as any additional potential improvements that should be considered. The NYISO is also seeking stakeholder input on project prioritization of these market enhancements to focus first on near term needs.

The next two discussions will focus on enhancements to Energy Market Mechanics and market changes, starting with the July 7, 2020 ICAP/MIWG meeting. These discussion will include issues related to DAM, RTC, and RTD. Other markets and process enhancements will be presented at the July 23, 2020 ICAP/MIWG meeting. These discussions will include items like Resource Adequacy and Planning, Reactive Supplier Requirement, and Voltage Support Requirements.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/13245925/Grid%20in%20Transition%20Discussion%20MIWG%2006222020%20FOR%20POSTING.pdf/4837a020-c3a9-f7c2-3700-ef9b5d8d3899>

New York's Evolution to a Zero Emission Power System

Roger Lueken, Samuel Newell and Jurgen Weiss of The Brattle Group (Brattle) presented the report on New York's evolution to a zero emission power system. Mr. Lueken identified the State policies driving the requirements for de-carbonization of the electric grid.

Mr. Lueken presented the challenges to meeting demand when wind and solar outputs are low, both hour-to-hour and seasonally. This intermittency is exacerbated by the load increasing impacts of economy electrification. Mr. Lueken identified the potential new technologies under development to provide the flexibility required to meet future load.

Insight was provided to illustrate the potential evolution of the generation fleet. A timeline was provided to reflect the transition to zero emissions generation. Mr. Lueken noted that the traditional north to south-east flow of energy will gradually evolve, with flows occasionally reversing direction. The impacts to load patterns due to economy wide electrification were identified in a scenario and discussed with stakeholders. The NYISO will eventually evolve to a winter peaking system, with summer peaks continuing to present challenges.

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.

Alternative scenarios were developed to illustrate the impacts of key modeling assumptions on results.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/13245925/Brattle%20New%20York%20Electric%20Grid%20Evolution%20Study%20-%20June%202020.pdf/69397029-ffed-6fa9-cff8-c49240eb6f9d>

Wednesday, June 24, 2020

Business Issues Committee

Motion #1:

Whereas, the Electric System Planning Working Group (“ESPWG”) and Transmission Planning Advisory Subcommittee (“TPAS”) have held several meetings to discuss and review the studies and analyses underlying the NYISO’s 2019 Congestion Assessment and Resource Integration Study (“2019 CARIS”) Phase 1; and

Whereas, NYISO staff has posted a draft 2019 CARIS Report dated June 17, 2020, including Appendices (“Draft Report”), for the June 24, 2020 Business Issues Committee (“BIC”) meeting; and The Business Issues Committee (“BIC”) hereby recommends that the Management Committee (“MC”) recommend that the Board of Directors approves the 2019 CARIS Phase 1 draft report, as presented and discussed at the BIC meeting held on June 24, 2020.

Motion passed unanimously

Thursday, June 25, 2020

Operating Committee

Motion #1

The Operating Committee hereby approves the meeting minutes from May 2020.

Motion passed unanimously

Motion #2:

The Operating Committee (“OC”) hereby approves revisions to the Outage Scheduling Manual as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously with an abstention

Motion #3:

The Operating Committee (OC) hereby approves the Expedited Deliverability Study as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #4:

The Operating Committee (OC) hereby approves the Q#716 Moraine Solar System Interconnection Reliability Impact Study report as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5a:

The Operating Committee (OC) hereby approves the Q#755 NY Ocean Grid Shoreham Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Not voted on at this meeting

Motion #5b:

The Operating Committee (OC) hereby approves the Q#803 Yonkers Grid Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 meeting.

Motion passed unanimously

Motion #5c:

The Operating Committee (OC) hereby approves the Q#803 Yonkers Grid Optional Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5d:

The Operating Committee (OC) hereby approves the Q#860 Rosalen Solar System Interconnection Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5e:

The Operating Committee (OC) hereby approves the Q#909 Massena Load Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5f:

The Operating Committee (OC) hereby approves the Q#951 Cayuga Grid Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5g:

The Operating Committee (OC) hereby approves the Q#966 Suffolk County Storage Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5h:

The Operating Committee (OC) hereby approves the Q#979 North Country Data Center Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5i:

The Operating Committee (OC) hereby approves the Q#982 West Babylon BESS Interconnection System Reliability Impact Study (SRIS) scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5j:

The Operating Committee (OC) hereby approves the Q#987 NY Wind Holbrook 2 Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

Motion #5k:

The Operating Committee (OC) hereby approves the Q#995 Alabama Solar Interconnection System Reliability Impact Study scope as presented and discussed at the June 25, 2020 OC meeting.

Motion passed unanimously

FERC Filings

June 26, 2020

Informational submittal of the Con Edison System Restoration Plan

June 26, 2020

NYISO compliance filing on behalf of New York Transco regarding clarifying revisions to the NYISO OATT concerning the proper cost allocation mechanism for the New York Transco transmission facilities

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