

## NYISO Consumer Interest Liaison Weekly Summary

**May 3 – May 7, 2021**

### **Notices:**

- On May 5, 2021, the New York Independent System Operator (NYISO) released [Power Trends 2021: New York's Clean Energy Grid of the Future](#). The NYISO's annual publication provides critical information and analysis on how dynamic factors such as technology, economic forces, and public policies are shaping New York's complex electric system. This year's Power Trends focuses on how the grid is undergoing significant and rapid change. Advances in renewable technology are altering the generation mix. Extreme weather events are more frequent, impacting life and property. Public policies are calling for bold action to achieve renewable investment and decarbonization mandates.
- On May 5, 2021, the NYISO posted the [ISO-NE/NYISO List of Interconnection Facilities](#). Please contact Stakeholder Services at 518-356-6060 or [Stakeholder\\_Services@NYISO.com](mailto:Stakeholder_Services@NYISO.com) with any questions.

### **Meeting Summaries:**

**Monday, May 3, 2021**

**System Operations Advisory Sub-committee (OC)**

Queue #767

NY Wind Gowanus

Offshore Wind Generation

1,200MW W/S

New York County, NY

***Recommended to the OC for approval***

Queue #1012

Suffolk County Storage II

Battery Energy Storage Plant

76.86MW W/S

---

***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.***

Suffolk County, New Y  
***Recommended to the OC for approval***

Queue #1036  
Mainesburg ESS  
Battery Energy Storage Plant  
300 MW 4 hours  
Tioga County, Pennsylvania  
***Recommended to the OC for approval***

Queue #1048  
Declaration Energy Center  
Solar Photovoltaic Generation Plant  
300 MW W/S  
Seneca County, New York  
***Recommended to the OC for approval***

Queue #1089  
Flat Creek Solar  
Solar Photovoltaic Generation Plant  
200 MW W/S  
Montgomery County, New York  
***Recommended to the OC for approval***

Queue #680  
Long Island Offshore Wind  
Offshore Wind Generation  
Alternative to Queue #792  
1,200 MW W/S  
Suffolk County, New York  
***Recommended to the OC for approval***

Queue #792  
Long Island Offshore Wind  
Offshore Wind Generation  
Alternative to Queue #680  
800 MW W/S  
Suffolk County, New York  
***Recommended to the OC for approval***

**Tuesday, May 4, 2021**

**Joint Installed Capacity/Load Forecasting Task Force**

Expanding Application of Peak Hour Forecasts

Ethan Avallone of the NYISO provided additional details on the selection of the peak load hour for the ICAP forecast process and led a review of the load duration curve analysis to identify multiple peak load hours.

Mr. Avallone began with a review of the peak hour load forecast process in an effort to clarify several stakeholder questions and comments from a prior presentation.

The NYISO and its stakeholders will consider providing additional information to the Transmission Owners (TOs) and Load Serving Entities (LSEs) as part of Expanding Application of Peak Hour Forecasts. The NYISO could provide peak load hour data for more hours than the single hour that is identified today.

Mr. Avallone provided data illustrating the decline in hourly load compared to the single hour peak load expressed as a percentage of the ICAP forecast. The data indicates a drop in the load as a percent of ICAP forecast after the fifth load hour. The initial proposal from the NYISO would provide data for the top 5 peak load hours. The identification of these hours would include only non-holiday weekdays in July and August, consistent with design conditions.

The NYISO will continue discussions through June and July with stakeholders. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/21189817/Expanding%20Application%20of%20Peak%20Hour%20Forecasts%205.4.2021%20ICAPWG.pdf/5a2115b3-cd4d-b977-b3de-6fd3115b13a9>

### LCR Process Updates

Ryan Carlson of the NYISO updated the Locational Capacity Requirements (LCR) process. Mr. Carlson highlighted stakeholder requests to review and enhance the LCR process with the updates to be focused on aligning the LCR and Installed Reserve Margin (IRM) processes.

The updates to the LCR procedure include:

- *Section 2.4.*
  - *Added a sentence on presenting a summary of year-over-year changes to LCRs*
- *Section 3.2*
  - *Removed this section and sub-bullets and shifted the section numbering appropriately*
    - *Section is in reference to ICAP Load Forecast, better aligning assumptions of the IRM Study and the LCR calculations*
- *Section 3.3.3*
  - *Added a sub-section on material changes to the IRM and the inclusion for the LCR Study*
- *Section 4.1*
  - *Added section to make mention of running the LCR Software using final data*

The NYISO provided redlined and clean versions of the procedure with the ICAPWG meeting materials.

A notification will be sent to ICAPWG members when the updates are implemented and posted on the NYISO website. To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/21189817/LCR\\_Process\\_Updates\\_ICAPWG.pdf/906476a5-f38d-6cf7-dfc1-f2ab04a24101](https://www.nyiso.com/documents/20142/21189817/LCR_Process_Updates_ICAPWG.pdf/906476a5-f38d-6cf7-dfc1-f2ab04a24101)

### BSM Renewables Study

Ethan Avallone of the NYISO presented the results of the draft Buyer-Side Mitigation (BSM) Renewables Exemption Study. The tariff requires the NYISO to determine Exempt Renewable Technologies (MST 23.4.5.7.13.2.1) during each Installed Capacity (ICAP) Demand Curve Reset Filing Year. The Net Present Value (NPV) of the revenues and costs associated with each Candidate Technology are analyzed to determine if the projected cost of new entry is greater than the sum of the

estimated revenues to the resource and the expected cost savings to a Load Serving Entity (LSE) financing the project.<sup>1</sup>

Solar, land-based wind, offshore wind, and run-of-river hydro were identified as Exempt Renewable Technologies while landfill gas was not identified as Exempt.

The proposed tariff revisions to definitions were posted with the meeting materials and reviewed with stakeholders. The NYISO will file the results of its Exempt Renewable Technology periodic review and determination with FERC on or before June 8, 2021. To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/21189817/BSM\\_Renewables\\_Exemption\\_Study\\_5.4.2021\\_FINAL.pdf/40754327-934b-38a7-f270-3399af3bbeee](https://www.nyiso.com/documents/20142/21189817/BSM_Renewables_Exemption_Study_5.4.2021_FINAL.pdf/40754327-934b-38a7-f270-3399af3bbeee)

### **Thursday, May 6, 2021**

#### **System Operations Advisory Subcommittee**

NYISO Operations Report – April 2021

#### **Peak Load**

The peak load for the month was 17,623 MW, which occurred on Thursday, April 22, 2021, HB20. Reserve requirements were as follows:

Reserve	10 Sync	Non-Sync	30 Min
Requirement	655	1,310	1,965
For Hour	818	2,609	4,714
DSASP Cont.	83	0	83

#### **Major Emergencies:**

None

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

2 – Emergency Transfer Declared

1 – Exceeding Central East Voltage Contingency Limit

Alert state was declared 5 times during April of 2020

#### **Thunder Storm Alerts**

1 TSA were declared in April 2021 for a total of 1.28 hours

#### **Reserve Activations** – 7

There was 6 Reserve Activations during April of 2020

#### **Emergency Actions**

Special Case Resources      SCR Test      Zone J      4/1/2021      HB16-17

#### **TLR3 Declared** – 0 for a total of 0.0 hours

### **FERC Filings**

#### **May 7, 2021**

---

<sup>1</sup> The 2016 BSM Renewables Exemption Study filing is included in FERC Docket No. ER16-1404 and at the following link: [https://nyisoviewer.etariff.biz/ViewerDocLibrary/Filing/Filing1131/Attachments/Filing\\_1131.zip](https://nyisoviewer.etariff.biz/ViewerDocLibrary/Filing/Filing1131/Attachments/Filing_1131.zip)

*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.*

NYISO comments on Transmission Owners' Section 205 revisions to the OATT regarding funding of Upgrades

**May 7, 2021**

NYISO answer to Transmission Owners' complaint regarding the funding approach for Upgrades specified in the NYISO tariffs

**May 3, 2021**

ISO/RTO Council request for a 30-day extension to file comments on FERC's April 15, 2021 Supplemental NOPR to modify the incentive proposed for utilities that join ISOs/RTOs

**FERC Orders**

**May 7, 2021**

FERC letter order accepted the LGIA Between NYISO, NYSEG, and Baron Winds, effective February 24, 2021 as requested *ER21-1312-000*

**May 4, 2021**

FERC notice of deficiency for NMPC Formula Rate filing *ER20-2051-001*

**Filings and Orders:**

[http://www.nyiso.com/public/markets\\_operations/documents/tariffviewer/index.jsp](http://www.nyiso.com/public/markets_operations/documents/tariffviewer/index.jsp)