

## NYISO Consumer Interest Liaison Weekly Summary

**June 8 – June 12, 2020**

### **Notices:**

- On June 10, 2020, the NYISO released [Power Trends 2020: The Vision for a Greener Grid](#). 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 being shaped by the state's Climate Leadership and Community Protection Act (CLCPA) and other policies. The report also highlights opportunities for the NYISO markets, operations, and planning processes to support and achieve the renewable and carbon reduction mandates set forth by the CLCPA

### **Meeting Summaries:**

#### **Monday, June 8, 2020**

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

##### **Review of Recommendations in the 2019 State of the Market Report for the NYISO Markets**

Dr. Pallas LeeVanSchaick of Potomac Economics (MMU) reviewed the recommendations made in the 2019 State of the Market report. The 2019 State of the Market (SOM) report, published on May 19, 2020, includes outstanding or continuing recommendations from prior years' reports as well as new recommendations. Dr. LeeVanSchaick noted that with greater renewable penetration, the market must reflect the value of critical resource attributes; flexibility, local congestion and reliability impacts, winter fuel security, summer resource adequacy.

Recommendations for improving New York's shortage pricing and other aspects of its Energy and AS Markets include:

- 2015-16: Dynamic reserve requirements
- 2017-1: NYC locational reserve requirements
- 2017-2: Reserve demand curve increases
- 2016-1: Compensate reserves that increase transfer capability
- 2018-1: Long Island congestion on low voltage system
- 2019-1: Reserve constraints on Long Island

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Each recommendation was supported with data and discussed with stakeholders. In response to a stakeholder questioning the need for these projects prior to the emergence of future needs, Dr. LeeVanSchaick noted that the price signals need to be in place to drive supplier decisions. The MMU highlighted 2021 project prioritization candidates that reflect the associated energy market recommendations.

Dr. LeeVanSchaick next led a comparison of MMU Capacity market recommendations and the 2021 project candidates. Two recommendations for the Capacity market were highlighted for discussion were; recommendation 2019-4, translate the annual demand curve requirement into monthly requirements reflecting likelihood of load shedding, and recommendation 2019-5, use demand curve technology derating factor for ICAP to UCAP translation.

Additionally, Dr. LeeVanSchaick noted two areas that the MMU previously recommended the NYISO consider for implementation:

- *Locational Marginal Pricing for Capacity or “C-LMP” -- Recommendation #2013-1c*
- *Modifying Buyer-Side Mitigation Rules -- Recommendations 2018-3, 2019-3 and 2013-2d.*

To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/12926052/2019%20NYISO%20SOM%20Report%20Presentation\\_for%20MIWG%2006-02-20.pdf/e1fabd86-4219-ba79-239e-5603322c70f6](https://www.nyiso.com/documents/20142/12926052/2019%20NYISO%20SOM%20Report%20Presentation_for%20MIWG%2006-02-20.pdf/e1fabd86-4219-ba79-239e-5603322c70f6)

### **Wednesday, June 10, 2020**

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

##### **NYISO 2019/2020 ICAP Demand Curve Reset**

Paul Hibbard and Todd Schatzki of The Analysis Group (AG) presented the 2019/2020 draft Demand Curve Reset (DCR) report. Mr. Hibbard led an overview of the draft report and noted that the report will be subject to change based on stakeholder and NYISO staff feedback.

Mr. Hibbard led a review of the analytical methodology used to develop the DCR costs. The report contains current draft/preliminary recommendations for reference point prices and underlying recommended assumptions related to, among other things, peaking plant technology, dual fuel status, emissions controls, financial parameters, and gas hubs.

Mr. Schatzki continued the presentation with an overview of the preliminary results. The preliminary Reference Point Prices are as follows:

<b><i>Zone C</i></b>	<b><i>\$8.13</i></b>
<b><i>Zone F</i></b>	<b><i>\$9.23</i></b>
<b><i>Zone G (Dutchess)</i></b>	<b><i>\$12.98</i></b>
<b><i>Zone G (Rockland)</i></b>	<b><i>\$12.75</i></b>
<b><i>Zone J</i></b>	<b><i>\$21.72</i></b>
<b><i>Zone K</i></b>	<b><i>\$20.29</i></b>

Final recommendations will be incorporated into the final report, due in August 2020, and updated final values will be provided in September 2020 along with the NYISO staff final recommendations.

To see the complete draft DCR report, please go to:

<https://www.nyiso.com/documents/20142/12967767/AG%20DCR%20ICAPWG%2006102020%20Draft%202020.06.04.pdf/8761380b-c65b-ecd5-3890-059f89da4b69>

#### **Reliability and Market Considerations for a Grid in Transition: Operations Reliability Considerations**

Aaron Markham of the NYISO provided responses to questions on the Reliability Gap Assessment in the Grid in Transition report. The report identified ten possible future reliability gaps assuming a high level of intermittent and/or limited energy supply resources.

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Mr. Markham led discussion on several reliability concerns at high levels of intermittent generation:

- *Maintain Ability to Balance Load and Generation*
- *Maintain 10-Minute Operating Reserves*
- *Maintain Total 30-Minute Operating Reserves*
- *Maintain Ability to Meet Daily Energy Requirements*
- *Maintain Reliable Transmission Operations*
- *Maintain Black Start Capability • Maintain Voltage Support Capability*
- *Maintain Frequency Response Capability*
- *Maintain Resource Adequacy*
- *Ability to Manage Supply Resource Outage Schedules*

Each topic was identified and discussed in detail. Mr. Markham described each issue and presented the NYISO's response plan.

The NYISO will be giving a presentation on the in-depth analysis of the market design components of the Reliability Gap issues addressed above at the June 22, 2020 ICAP/MIWG meeting.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/12967767/20200610%20Reliability%20and%20Market%20Considerations%20for%20a%20Grid%20in%20Transition.pdf/910012cd-a809-a74e-5da7-f740a6b8128d>

#### Autumn 2020 Centralized TCC Auction Supplemental Survey

Gregory Williams of the NYISO presented the results of the Autumn 2020 Centralized TCC Auction supplemental survey. The results of the Autumn 2020 Centralized TCC Auction survey were discussed at the March 26, 2020 joint ICAP/MI/PRL Working Group meeting. In an effort to get a broader sampling of responses from TCC Market Participants (MPs), the NYISO conducted a supplemental survey.

The supplemental survey consisted of three questions to market participants:

1. Would you like the NYISO to determine the TCC auction timeline for both the Spring and Autumn Centralized TCC Auctions at the same time rather than the current structure of the NYISO determining the Autumn Centralized TCC Auction timeline approximately six months later than the Spring Centralized TCC Auction timeline?
2. Assuming a two business day Offering and Bidding Period for each round of a Centralized TCC Auction and weekly result postings, what is your preferred auction week schedule?
3. When two TCC Auction rounds are conducted concurrently (*e.g.*, Round 5 of the Spring 2020 Centralized TCC Auction and the April 2020 Balance-of-Period Auction had identical Offering and Bidding Periods), would you prefer to have the Offering and Bidding Period as well as the auction results posting for the Balance-of-Period Auction shifted by one day to not be identical to the Centralized TCC Auction round?

Additional comments were provided by stakeholders and reviewed for discussion. The NYISO will continue to encourage comments and will return with a response at a future ICAP/MI/PRL working group. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/12967767/Autumn%202020%20TCC%20Auction%20Supplemental%20Survey%20-%20MIWG%2006102020-FINAL-Approved.pdf/66a1940a-f9f5-c7e3-defe-0620c1822e84>

#### **Thursday, June 11, 2020**

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

#### **NYISO Operations Report – May 2020**

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### **Peak Load**

The peak load for the month was 20,144 MW, which occurred on Wednesday, May 29, 2020, HB17. Reserve requirements were as follows:

Reserve	10 Sync	Non-Sync	30 Min
Requirement	655	1,310	1,965
For Hour	1,547	3,371	6,335
DSASP Cont.	63	0	63

### **Major Emergencies:**

None

**Alert States** -- Alert State was declared on 7 occasions:

- 1 – System Frequency Low
- 2 – Emergency Transfer Declared
- 1 – Exceeding Central East Voltage Contingency Limit
- 2 – Ace Greater than (+or-) 500 MW
- 1 -- Shortage of 10 min Synchronized Reserve

Alert state was declared 14 times during May of 2019

### **Thunder Storm Alerts**

0 TSA was declared in May 2020 for a total of 0.0 hours

### **Reserve Activations** – 9

There were 7 Reserve Activations during May of 2019

### **Emergency Actions**

None

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

### **FERC Filings**

There were no filings to FERC by the NYISO for this week.

### **FERC Orders**

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

### **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)