

## NYISO Consumer Interest Liaison Weekly Summary

**April 26 – April 30, 2021**

### Notices:

- This is to inform you that a [Notice of Class Year 2019 Long Island Additional SDU Study Completion](#) is posted on the NYISO website. The notice is posted on the NYISO website at the link below under the "Notices to Market Participants" subfolder. [Link to the NYISO website](#)
- Register today for one of the **six remaining webinar based market training courses offered in 2021**. Check out what the NYISO's Market Training Team can do to increase your knowledge of the markets. [NYISO Training](#)
- The **2021 Load and Capacity Data Report** (also known as the "Gold Book") is now available and has been posted to the [NYISO website](#). The list of **2021 generators** is available at the following link: [2021 Generators](#). An excel file of the tables provided in **Section I** is available at the following link: [Section I Tables](#). Additional forecast materials are available at the following links: [Low Load Scenario, High Load Scenario, 2021 Gold Book Graphs](#). A secure version of the **2021 Gold Book** that contains additional tables on existing transmission facilities is available to individuals with a myNYISO account, this is found on the [Comprehensive System Planning Process](#) page. To request a myNYISO account, please visit: [Request for myNYISO.com Account](#)

### Meeting Summaries:

#### Monday, April 26, 2021

#### **Load Forecasting Task Force**

#### COVID-19 Load Impact Review & Outlook

Chuck Alonge of the NYISO presented the load impacts due to the Covid-19 pandemic. Mr. Alonge provided impact values based on:

- Actual difference
- Weather normalized difference
- Weather adjusted back-casted difference

The largest impact continues to be to New York City, Zone J.

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In the near term, the economic recovery will continue to be a major driver in the energy and peak forecasts. The baseline forecast assumes complete economic recovery by early 2023 (Gross State Product will match the pre-COVID level). Total employment is expected to return to the pre-COVID forecast trend by 2024. The NYISO Operations and the Demand Forecasting teams will continue to monitor and assess shifts in load patterns throughout the control area. There will be additional analysis and updates at the 2021 Spring Economic Conference in June. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/20986054/03%20NYISO%20COVID19%20Impacts%20Trends.pdf/06899a48-a3d3-b973-1222-85b5eb4bf13d>

### 2021 Long Term Forecast Load Shape Discussion

Maxim Schuler of the NYISO led a discussion on the Long Term Load Forecast shapes for the Summer and Winter capability periods. The Long Term Load Forecasts encompass 2021, 2031, 2041 and 2051.

Mr. Schuler provided load curve projections for the Summer and Winter capability periods of the identified years for discussion with stakeholders.

The NYISO will continue to build models for long term load forecasting such as:

- *Analysis of energy efficiency and BTM energy storage impacts on projected future year peak load shapes*
- *Further analysis of the load shapes for the forecast components*
- *Development of a bottom up peak load forecast based on 8,760 hourly profiles of modeled base load; and hourly profiles for exogenous forecast components such as electric vehicles, other electrification, BTM solar, and BTM energy storage*

To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/20986054/02%20LFTF\\_GB\\_21\\_Loadshapes.pdf/d9535514-b879-1cff-ca7a-bd19f3e2d1b5](https://www.nyiso.com/documents/20142/20986054/02%20LFTF_GB_21_Loadshapes.pdf/d9535514-b879-1cff-ca7a-bd19f3e2d1b5)

### **Tuesday, April 27, 2021**

#### **Budget and Priorities Working Group**

##### NYISO Staffing Announcement

Zachary Smith of the NYISO informed stakeholders that due to the steep increase in the number of interconnection requests, there is a need to expand the interconnection engineering staff. The NYISO is proposing to increase the current staff of 12 interconnection engineers to 19. As prospective developers pay the cost of interconnection studies, the addition of interconnection engineers is revenue neutral with no impact to the NYISO budget.

The NYISO Board of Directors approved the hiring of additional engineering personnel. Some stakeholders provided positive feedback supportive of the decision.

##### Disposition of Funds Remaining from 2019 & 2020 Budget Cycle

Patrick Kelly of the NYISO presented the proposal for the disposition of funds remaining from the 2019 and 2020 budget cycles. NYISO's 2020 financial statement audit, completed in March, identified \$3.7M in funds remaining from the 2020 budget cycle. NYISO staff recommended that NYISO retain the \$3.7M to pay down the principal amount of outstanding debt. In addition, NYISO staff recommended that the \$6.4M remaining from the 2019 budget cycle also be used to pay down the principal amount of outstanding debt (as was originally intended prior to COVID-19).

The NYISO will retain a combined \$10.1M remaining from the 2019 and 2020 budget cycles to pay down principal on outstanding debt in 2021. To see the complete presentation, please go to:

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<https://www.nyiso.com/documents/20142/20997935/02%20Disposition%20of%20Funds%20from%202019%20and%202020%20Budget%20Cycle.pdf/a4f0c6a6-1cf5-2fa8-af79-9fed81fd268e>

### 2021 Budget vs. Actual Results

Patrick Kelly of the NYISO presented the 2020 year-to-date budget vs. actual status, updated for March 2021. Rate Schedule 1 recoveries are \$2.8M above budgeted revenues through March. Year-to-date budgeted costs vs. actual costs through March reflect a \$1.8M budget under-run. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/20997935/03%202021%20Draft%20Budget%20versus%20Actual%20Results.pdf/1519911e-8989-6106-842c-d51b983ec0be>

### Registration Fee Proposal

Christopher Russell of the NYISO presented a registration fee proposal. This tariff change will enable the NYISO to charge an initial application fee as well as a supplementary application fees when an existing Market Participant requests to expand their participation to other markets.

The proposal consists of two parts:

- *Proposal Part A*
  - *Implement a non-refundable Registration Fee for incoming/aspiring Market Participants*
    - *NYISO proposes a fee of \$5,000 to be paid by applying organizations before NYISO will accept a completed application and answer detailed questions about NYISO-administered markets and membership.*
    - *Fee is based on estimated hours required to process a completed application by NYISO Registration staff.*
    - *Every individual registration is unique with a level of effort that can't necessarily be predicted with significant precision, therefore this fee gives a reasonable degree of cost recovery without reflecting precise accuracy.*
- *Proposal Part B*
  - *Implement a non-refundable incremental Registration Fee for existing Market Participants entering new markets*
    - *NYISO proposes a fee of \$500 to be paid by existing organizations before NYISO will review and accept changes to an existing registration package.*
    - *Fee is based on estimated hours required to process changes to a completed registration by a NYISO staff person.*

The NYISO will provide additional opportunity for stakeholder discussion of the proposal at the May BPWG meeting prior to seeking governance approval for the proposal. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/20997935/04%202021%20RS1%20Fee%20Proposal.pdf/b5b4fd6d-db7e-7095-49cf-7b1f11d1fe67>

### Stakeholder Project Proposals for the 2022 Project Priority Process

#### 15 Minute Transaction Enhancement

Scott Leuthauser of Hydro Quebec US proposed a project for enhanced inertia scheduling to offer incremental reliability and flexibility benefits in the Real-Time Market while providing a fair treatment for suppliers. Mr. Leuthauser provided the benefits of the project as:

- *Eliminates the RTC/RTD divergence by settling and committing based on sole RTC.*

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- *Provides additional scheduling flexibility to respond to changing conditions occurring in real-time, in line with NYISO objectives.*
- *Can help increase RTC-RTD convergence throughout the market.*
- *Balanced proposal as both high RTD and low RTD prices are changed for RTC.*

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/20997935/05a%2015%20Minute%20Transaction%20Enhancement.pdf/16c3898e-10ba-8131-fb4e-ac9b05813d24>

#### Storage as Transmission

Schuyler Matteson of the New York State Energy Research and Development Authority (NYSERDA) proposed a project with two primary components. The first component would have the NYISO develop a process by which a storage project could be evaluated as a transmission asset, including options for cost recovery. The second component would have the NYISO develop rules and methods for operating the storage as a transmission asset, taking multi-use and double payment issues into consideration, as well as the various use cases.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/20997935/05b%20Storage%20as%20transmission%20NYSERDA.pdf/2958e5e3-68dd-2e85-a347-aa6c6b0ddca0>

#### Advancing NYISO Transparency

Bruce Bleiweis of DC Energy proposed that the NYISO create three new posting requirements to increase transparency to the market.

- *NYISO should post its State Estimator Model and Data including topology, branch characteristics and branch flows*
- *NYISO should post transmission line ratings for all transmission lines and facilities monitored, including when they change and why*
- *NYISO should post the DAM and RTM contingencies:*
  - *NYISO currently has a separate list of contingencies for the DAM/RTM relative to what NYISO models in TCC auctions, and NYISO only publishes the TCC contingencies.*

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/20997935/05c%20Transparency%20BPWG%200421.pdf/7a55ad7f-14a1-9dc8-e642-1c8baf2172ec>

#### Proposed 2022 Market Projects

Brian Hurysz of the NYISO presented the proposed market project candidates for the 2022 project prioritization process. The NYISO developed project descriptions for 31 proposed Market projects:

- *0 Business & Finance, 11 Capacity Market, 6 New Resource, 12 Energy Markets, 1 Planning & 1 TCC Market*
- *4 Mandatory, 2 Continuing, 20 Prioritize & 5 Future*

Project descriptions were included with the posted meeting materials and include:

- Problem / Opportunity
- Project Objective(s) & Anticipated Deliverable(s)
- Project Justification

Mr. Hurysz reviewed the timeline for the 2022 project prioritization process prior to identifying the 31 proposed market project candidates. The May 13, 2021 BPWG was noted as the deadline for stakeholders to identify new projects for inclusion in the stakeholder scoring survey. Comments on

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projects are encouraged and can be sent to Brian Hurysz at [bhurysz@nyiso.com](mailto:bhurysz@nyiso.com). Mr. Hurysz also noted that he will remain available for assistance in submitting stakeholder project proposals and provided his cell number (518) 461-6405.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/20997935/06%20Proposed%202022%20Market%20Projects.pdf/4c7876cc-61e8-3696-3d7f-bfc158902e08>

### **Wednesday, April 28, 2021**

#### **Management Committee**

##### **Motion #1:**

Motion to approve the March 31, 2021 MC meeting minutes.

*Motion passed unanimously*

### **Thursday, April 29, 2021**

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

##### **Regulation Movement Multiplier Update**

Tolu Dina of the NYISO updated the Regulation Movement Multiplier (RMM) used in the Regulation Service market. RMM represents the historical relationship between the number of MW of Regulation Capacity that the NYISO seeks to maintain in each hour and the number of Regulation Movement MWs required by Automatic Generation Control (AGC) in each hour.

In 2015, an analysis conducted by the NYISO recommended updating the value of RMM from 10 to 13. This recommendation was implemented in April 2015.

Starting in October 2020 the NYISO observed a decrease in the RMM coinciding with tuning the AGC software that increased the efficiency with which NYISO procures Regulation Movement. The average ratio factor prior to October 2020 was approximately 12. Since then, the average ratio factor is approximately 8. The NYISO recommends updating the RMM value to 8.

The RMM value will be revised in the Market Services Tariff and presented to the BIC and the MC for approval. To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/21044421/RMM%20Update\\_MIWG%20Final.pdf/faf4da6e-2a9c-a9bf-5c26-f63227718fcf](https://www.nyiso.com/documents/20142/21044421/RMM%20Update_MIWG%20Final.pdf/faf4da6e-2a9c-a9bf-5c26-f63227718fcf)

##### **CRIS Expiration Evaluation**

Emily Conway of the NYISO presented the evaluation of the Capacity Resource Interconnection Service (CRIS) expiration rules. As a part of the CRIS Expiration project, the NYISO identified three potential sets of rule changes:

- Modifications to the 3-year retention of CRIS by certain Retired units (as described in project description)
- Modifications to allow more flexibility with respect to CRIS Transfers
- Rules to provide for partial CRIS Expiration

Ms. Conway provided examples for each of the three currently functional aspects for stakeholder reference and discussion.

Next Ms. Conway presented proposed revisions to the CRIS expiration process based on stakeholder input from the March 11, 2021 ICAPWG meeting.

The NYISO sees value in exploring options for expanding the notification requirement process for 3-year CRIS Retention. Current rules state the facility must notify the NYISO if a transfer will occur prior to the start of the next Class Year Study. Modifying the rules to require retired units to

demonstrate that a transfer is anticipated and feasible before the CRIS expires could free up unused CRIS on the system.

In reference to CRIS Transfers, the NYISO sees value in evaluating a modification of the rules for same location CRIS transfers. Current rules only transfer CRIS to another facility interconnecting at the same electrical location if the facility is deactivating, and the new unit will be online before the CRIS expires. Modifications may include permitting “same-location” CRIS transfers even if the transferor unit is not deactivating, which could allow for more flexibility as more resources (including public policy resources) come on to the system.

Regarding Partial CRIS, there may be value in limiting CRIS in excess of capability for new and existing CRIS resources.

Ms. Conway noted stakeholder feedback for consideration in future working group discussions on the subject. Additional input from stakeholders is encouraged and can be sent to [Deckles@nyiso.com](mailto:Deckles@nyiso.com). To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/21044421/CRIS%20Expiration%2004292021\\_v10.pdf/a207d9ce-2848-203b-d979-c42f847a7575](https://www.nyiso.com/documents/20142/21044421/CRIS%20Expiration%2004292021_v10.pdf/a207d9ce-2848-203b-d979-c42f847a7575)

## **FERC Filings**

### **April 28, 2021**

Joint NYISO and National Grid Section 205 submittal of an SGIA (SA 2608) among NYISO, National Grid, and SunEast Skyline Solar

## **FERC Orders**

### **April 29, 2021**

FERC letter order accepting filing subject to further compliance related to BSM Self Supply

### **April 29, 2021**

Letter order accepted Transmission Project Interconnection Agreement entered into among NYISO, Central Hudson, and New York Transco, effective 2/26/21 as requested

## **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)