

# NYISO Consumer Interest Liaison Weekly Summary

## September 9 – September 13, 2019

### Notices:

- The NYISO has [posted](#) an announcement regarding **certain 115 kV facilities that will no longer be secured in the Autumn 2019 Centralized TCC Auction starting with Round 4**. This posting can be found on the NYISO website under Markets > [Transmission Congestion Contracts](#) > Information and Announcements > 2019.
- The **monthly Generator Status Update document has been posted** on the NYISO's website. The posting is located in the Generator Status Update folder under the NY Power System Information and Outlook section at the following link: [Generator Status Update](#)
- Please use the link below to access the NYISO's stakeholder summary for the upcoming week. [NYISO Stakeholder Summary](#)

### Meeting Summaries:

**Monday, September 9, 2019**

**Budget and Priorities Working Group**

2019 Project Milestone Update

Robb Pike of the NYISO presented an update on the project milestones for 2019. Mr. Pike led a review of projects by product group and highlighted projects with a change of status. Below are the projects reflecting a change of status:

- |  |                         |
|--|-------------------------|
| • <i>Enterprise Information Management – Data Integration Phase IV</i> | <i>Critical/Overdue</i> |
| • <i>Financial Risk Assessment and Scoring Enhancement</i>             | <i>Complete</i>         |
| • <i>Oracle Financials Upgrade</i>                                     | <i>Complete</i>         |
| • <i>Competitive Entry Exemption for Increased CRIS</i>                | <i>At Risk/Delayed</i>  |
| • <i>BSM Repowering</i>  | <i>At Risk/Delayed</i>  |
| • <i>Tailored Availability Metric</i>                                  | <i>At Risk/Delayed</i>  |
| • <i>External Capacity Performance &amp; Obligations</i>               | <i>On Schedule</i>      |
| • <i>More Granular Operating Reserves</i>                              | <i>At Risk/Delayed</i>  |

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- *Enhanced Fast Start Pricing* *At Risk/Delayed*
- *Microsoft Systems Upgrade* *At Risk/Delayed*
- *Network Infrastructure Upgrade* *On Schedule*
- *Identity and Access Management (IAM) – 2019* *Complete*
- *TOA Platform Upgrade Phase III* *At Risk/Delayed*
- *Comprehensive System Planning Process Review* *At Risk/Delayed*

Also, Mr. Pike highlighted projects that will be discussed with stakeholders at the working group level in the near future. Projects that will be discussed include:

- **Enhancing Fuel and Energy Security**
- **Competitive Entry Exemption for Increased CRIS**
- **BSM Repowering**
- **Tailored Availability Metric**
- **Demand Curve Reset**
- **External Capacity Performance & Obligations**
- **DER Participation Model**
- **Enabling Technologies for DER**
- **NYISO Pilot Framework**
- **Carbon Pricing**
- **More Granular Operating Reserves (SOM)**
- **Ancillary Services Shortage Pricing (SOM)**
- **Enhanced Fast Start Pricing**
- **Reserve for Resource Flexibility**
- **Comprehensive System Planning Process Review**
- **Climate Change Impact and Resilience Study**
- **Deliverability and Interconnection Process Redesign**

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/8208503/02%202019%20Project%20Schedule%20Milestone%20Update.pdf/a4950f3f-159c-c8ec-4525-e368ae7662db>

#### Final 2020 Project Budget Recommendation

Brian Hurysz of the NYISO presented the final 2020 project budget recommendation. Mr. Hurysz led a brief overview of the project priority process that led to the final budget recommendation. Comments received during the August 28, 2019 meeting were addressed and discussed with NYISO stakeholders. The NYISO clarified the explanation for revising the deliverable for the Comprehensive Mitigation Project from Study Complete to Market Design Complete. The passage of the Climate Leadership and Community Protection Act by the NYS Legislature was acknowledged as a key aspect of the decision. Stakeholders provided additional feedback on the change for NYISO consideration.

Responses to several questions concerning preparation for the implementation of Carbon Pricing were discussed with stakeholders.

Mr. Hurysz led a review of the projects identified for the 2020 project budget recommendation. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/8208503/03%202020%20Final%20Project%20Budget%20Recommendation.pdf/93ebcd25-cfab-c741-39b7-f02dcc5bcb78>

#### RS1 Budget Forecast 2020 – 2024

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Max Schuler of the NYISO presented the forecast that is used to determine the Rate Schedule 1 (RS1) budget for the five year period 2020-2024. Mr. Schuler explained the inputs and sources that are used in the forecast including; net energy, exports and wheel-through transactions. The forecast for 2019 was 157,100 GWh.

The RS1 forecast for the next five years are:

- 2020 154,300 GWh
- 2021 152,980 GWh
- 2022 151,410 GWh
- 2023 150,040 GWh
- 2024 149,020 GWh

To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/8208503/04%202020\\_Budget\\_Fcast.pdf/163bb8d0-f43b-0053-e46b-fc9b8e8185f1](https://www.nyiso.com/documents/20142/8208503/04%202020_Budget_Fcast.pdf/163bb8d0-f43b-0053-e46b-fc9b8e8185f1)

### 2020 Budget Overview

Cheryl Hussey of the NYISO presented an overview of the draft 2020 NYISO Budget. Ms. Hussey began by providing a timeline for the budget process beginning with this presentation and leading to an anticipated Board of Director's approval on November 19, 2019.

NYISO's draft 2020 budget totals \$168.0M, allocated across a forecast of 154.3 million MWh, for a Rate Schedule 1 charge/MWh of \$1.089. Comparatively, the 2019 budget was \$168.2M, allocated across 157.1 million MWh for a Rate Schedule 1 charge/MWh of \$1.071. NYISO's draft 2020 budget represents a 0.12% decrease in the revenue requirement from the 2019 budget and a 1.78% decrease in projected MWh, for an overall Rate Schedule 1 increase of 1.66%.

Patrick Kelly of the NYISO concluded the presentation by providing the draft budget projections for 2021 through 2024. Mr. Kelly noted the primary drivers of the budget projections for each year, noting that the projections are estimates for informational purposes only.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/8208503/05%20020%20Budget%20Presentation.pdf/803b9000-9a2d-db64-3397-260f12ff6beb>

### **Tuesday, September 10, 2019**

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

##### Update on Facilities Secured in the Market Models

David Edelson of the NYISO identified several 115kV transmission line segments that will no longer be secured in the market models. Mr. Edelson provided details about the line removal in addition to the official notice communicated to stakeholders via Attachment A of the Outage Scheduling Manual.

A number of facilities representing segments of the same transmission line will be removed from being secured in the market models, effective September 24, 2019. The term 'line segment' refers to sections of the same transmission line path.

Mr. Edelson explained the reason for the removal of the facilities, noting that securing the most limiting in-series element will continue to ensure that all less restricted line segments on the same transmission line path will be relieved. This facilitates price signals that better reflect system conditions, while reducing the likelihood of multiple constraints on in-series segments binding and being priced by the transmission demand curve mechanism at the same time.

A table was provided to detail the lines that will remain as secured in the market model.

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The changes will be incorporated into the Autumn TCC Centralized Auction and the pending rounds for six-month TCCs.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/8220793/2%20Facilities%20Status%20Change%20Draft%20vFINAL.pdf/f097f68e-383d-7ccc-f658-7af851d97419>

### Generator Fuel and Emissions Reporting (GFER) CRF

John Stephenson of the NYISO provided updates on the generator and fuel emissions reporting surveys. The process is based on an annual survey and a weekly survey.

Three new questions are proposed for the annual survey concerning primary and secondary non-gas fuel information:

- *Fuel Delivery Capacity (Gallons, Tons, etc.)*
- *Max Deliveries per day ( x / day)*
- *Delivery lead time (Hours)*

There were also some minor administrative changes to provide better clarity.

The question added to the weekly survey is to inform the NYISO of the total amount of fuel used since the last survey:

- *How much inventory was received since your last fuel survey (in MWh)?*

Links were provided for additional FERC and NERC industry information concerning cold weather events for stakeholder reference. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/8220793/3%20GFER%20CRF%20Presentation.pdf/Oeda0360-8755-1019-66f0-39c27133b807>

### Tariff Revisions for Class Year Redesign

Jonathan Newton of the NYISO presented the proposed Deliverability Buyer-side-Mitigation (BSM) enhancements for projects requiring additional SDU (System Deliverability Upgrades) study and the Mini Deliverability study.

Mr. Newton led a review of previously presented revisions to the Deliverability Redesign and the Mini Deliverability study and noted a change to the Decision Period and BSM evaluations. In the original presentation discussing the decision period, the word brief was replaced with single. Mr. Newton also explained that it would not be iterative, but instead only one round.

The language was also changed in the following line; “Revised **deliverability results and** BSM determinations to Developers within 10 Business Days after initial decisions period runs”. The phrase “**deliverability results and**” was deleted from the sentence. A note was added stating that “Since there will be no change to deliverability costs, remaining developers will be deemed to have accepted their deliverable MW” for additional clarification.

Mr. Newton led a walkthrough of proposed tariff language and noted stakeholder feedback for NYISO consideration. To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/8220793/4%20Class%20Year%20Redesign\\_BSM\\_ICAPWG\\_09102019..pdf/32698ce4-ef55-405c-5493-fb78d9ee1f35](https://www.nyiso.com/documents/20142/8220793/4%20Class%20Year%20Redesign_BSM_ICAPWG_09102019..pdf/32698ce4-ef55-405c-5493-fb78d9ee1f35)

## **Wednesday, September 11, 2019**

### **Business Issues Committee**

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

Motion to approve the Minutes of the July 17, 2019 and August 7, 2019 BIC meetings.

***Motion passed unanimously***

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**Motion #2:**

The Business Issues Committee (“BIC”) hereby approves the revisions to the Accounting & Billing Manual as described in the presentation to the BIC on September 11, 2019.

*Motion passed unanimously with an abstention*

**Motion #3:**

The Business Issues Committee (“BIC”) hereby approves the revisions to the Revenue Metering Requirements Manual as described in the presentation to the BIC on September 11, 2019.

*Motion passed unanimously with an abstention*

**Motion #4:**

The Business Issues Committee (“BIC”) hereby approves the revisions to the Installed Capacity Manual as presented and discussed at the BIC meeting on September 11th, 2019.

*Motion passed unanimously*

**Wednesday, September 11, 2019**

**Electric System Planning Working Group**

**CARIS 1: Preliminary Base Case Results**

Chen Yang of the NYISO provided the preliminary results for the 2019 CARIS 1 base case.

Mr. Yang led a review of the primary base case input assumptions including:

- Generation updates
- Load energy forecasts
- Natural gas price forecasts

Mr. Yang provided the preliminary results in terms of congestion, production costs, generation production and payments, net imports and projected LBMPs.

To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/8193286/06%202019\\_CARIS\\_1\\_Base.pdf/035ba2a0-c022-8021-7111-ccc975a6bcd3](https://www.nyiso.com/documents/20142/8193286/06%202019_CARIS_1_Base.pdf/035ba2a0-c022-8021-7111-ccc975a6bcd3)

**CARIS: Preliminary 70 x 30 Assumptions**

Benjamin Cohen of the NYISO presented the development of the 70X30 Scenario for the 2019 CARIS 1. The NYISO encouraged stakeholder input on the assumptions outlined at this presentation.

Mr. Cohen began by identifying the renewable and clean energy mandates and schedules established by New York State. The 70x30 Scenario will be developed from the 2019 CARIS 1 base case 2028 model year. The modifications to the 2028 model year to reflect 2030 will include:

- *Load Forecast/Shape*
- *Neighboring system assumptions*
- *Modeling Energy Storage Resources (ESR)*
- *NYCA Nuclear and Fossil Fleet Operations*
- *Renewable Energy Amounts, Locations and Modeling*

Mr. Cohen provided factors in each of the above adjustments that the NYISO will use to modify the 2028 base case to reflect 2030 and noted stakeholder feedback for consideration.

Options for the modeling of ESR were presented with pros and cons for stakeholder discussion. The NYISO recommends using the Hourly Resource Modifier to represent ESRs in the model.

Stakeholders requested that the NYISO return to the ESPWG for additional discussion of the ESR options. Initial assumptions for the operation of the nuclear facilities and the fossil fleet were presented and discussed with stakeholders. Renewable energy assumptions were presented based on meeting the

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NYS public policy goals for 2030. Mr. Cohen explained the factors used for the locational assumptions for the renewable energy additions.

Comments are encouraged throughout the development of the 70X30 Scenario. To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/8193286/07%20CARIS1\\_70x30ScenarioDevelopment.pdf/982ce55b-cc38-dff6-fe3d-fe4ea38d309d](https://www.nyiso.com/documents/20142/8193286/07%20CARIS1_70x30ScenarioDevelopment.pdf/982ce55b-cc38-dff6-fe3d-fe4ea38d309d)

**Thursday, September 12, 2019**

**Operating Committee**

**Motion #1:**

The Operating Committee (“OC”) hereby approves the meeting minutes from July and August 2019.

*Motion passed unanimously*

**Motion #2:**

The Operating Committee (“OC”) hereby approves the Transmission and Dispatch Operations Manual revisions as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously with an abstention*

**Motion #3:**

The Operating Committee (“OC”) hereby approves the System Protection Manual revisions as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously with an abstention*

**Motion #4a:**

The Operating Committee (OC) hereby approves the Q#680 Long Island Offshore Wind System Reliability Impact Study (SRIS) scope as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously with an abstention*

**Motion #4b:**

The Operating Committee (OC) hereby approves the Q#811 Cider Solar System Reliability Impact Study (SRIS) scope as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously*

**Motion #4c:**

The Operating Committee (OC) hereby approves the Q#815 Bayonne Energy Center III System Reliability Impact Study (SRIS) scope as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously*

**Motion #4d:**

The Operating Committee (OC) hereby approves the Q#816 NNC-TTC Increase System Impact Study (SIS) scope as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously*

**Motion #4e:**

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The Operating Committee (OC) hereby approves the Q#822 Narrows Battery Energy Storage System Reliability Impact Study (SRIS) scope as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously*

**Motion #4f:**

The Operating Committee (OC) hereby approves the Q#840 Swiftsure Energy Storage System Reliability Impact Study (SRIS) scope as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously*

**Motion #4g:**

The Operating Committee (OC) hereby approves the Q#849 Somerset Load System Impact Study (SIS) scope as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously*

**Motion #4h:**

The Operating Committee (OC) hereby approves the Q#850 Cayuga Load System Impact Study (SIS) scope as presented and discussed at the August 7, 2019 OC meeting.

*Motion passed unanimously*

**Motion #4i:**

The Operating Committee (OC) hereby approves the Q#864 NY38 Solar System Reliability Impact Study (SRIS) scope as presented and discussed at the September 12, 2019 OC meeting.

*Motion passed unanimously*

**Motion #4j:**

The Operating Committee (OC) hereby approves the Q#883 Garnet Energy Center System Reliability Impact Study (SRIS) scope as presented and discussed at the September 12, 2019 OC meeting

*Motion passed unanimously*

**FERC Filings**

**September 9, 2019**

NYISO joint filing of an Executed Transmission Facility (Mainesburg Substation) Interconnection Agreement No. 2232 among NYISO, NYSEG, and TrAILCo

**September 9, 2019**

NYISO joint filing of amended and restated Interconnection Agreement No. 2257 among NYISO, NYSEG and TrAILCo for new facilities at the Pierce Brook Substation

**September 9, 2019**

ISO/RTO Council filing re: comments in response to a FERC Staff proposal to modify the Common Metrics information collection

**FERC Orders**

**September 11, 2019**

FERC Order accepted engineering and procurement agreement effective June 25, 2019, as requested

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## **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)