

## NYISO Consumer Interest Liaison Weekly Summary

**March 25 – March 29, 2019**

### Notices:

- *The New York Independent System Operator (NYISO) has **partnered with the New York State Mesonet at the University at Albany to acquire new solar power information that will improve the New York electric grid's ability to integrate photovoltaic power.** Currently, the NYISO's solar power forecasts are based on satellite images of cloud cover. New ground-level solar data provided by NYS Mesonet, the most advanced early warning weather-detection system in the country, will lead to increased accuracy of hourly solar forecasts across the state and better predictions about the productivity of the panels. [View more](#)*
- *The final version of **NYISO Installed Capacity Manual (M-04)**, has been posted to the [Manuals, Technical Bulletins & Guides webpage](#) under Manuals, Operations. All proposed changes were presented at the BIC on March 13, 2019. EDRs function similarly to UDRs – as such, numerous references to UDRs throughout the ICAP Manual have been updated to also include EDRs, where appropriate.*

### Meeting Summaries:

#### Monday, March 25, 2019

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

#### External Capacity Performance and Obligations

Amanda Carney of the NYISO presented the proposal to update External capacity supplier requirements to increase comparability of the rules for Internal and External Capacity Suppliers. Ms. Carney led a review of the current language in the Market Services Tariff requiring external capacity resources to demonstrate deliverability. The existing requirement, for capacity imported from PJM, is to demonstrate firm transmission service. The NYISO is initiating a discussion with stakeholders to gather information to assist in developing guidelines to accomplish an equivalent requirement for other External Control Areas. The focus of this discussion is on deliverability, realizing it will differ from interface to interface.

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In response to a stakeholder question, fuel availability is not in the scope of the discussion at this time. It is possible that it may enter into the discussion if warranted following the conclusion of the “Enhancing Fuel and Energy Security” project, scheduled for Q2 2019.

The NYISO will evaluate feedback received from this meeting and return for additional discussion leading to a Q3 2019 Market Design Complete.

Comments can be sent to [acarney@nyiso.com](mailto:acarney@nyiso.com). To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/5655272/External%20Capacity%20Performance%20&%20Obligations.pdf/a726bcc8-1a7d-1d08-2a43-b2259017296f>

#### 2021 – 2025 ICAP Demand Curve Reset: RFP Documents Follow-up

Ryan Patterson of the NYISO presented revisions to the Demand Curve Reset (DCR) Request for Proposal (RFP).

In response to stakeholder feedback, revisions were made to more clearly describe the consultant’s role as the “independent consultant” consistent with the requirements of the tariff. The specific language was provided as a separate redline posting with the meeting materials.

Mr. Patterson also noted additional, minor revisions made to improve the clarity of the document.

To see the materials associated with this presentation, please go to:

<https://www.nyiso.com/documents/20142/5655272/3.25%20ICAPWG%20DCR%20Kick%20off%20Follow%20Up.pdf/bc75906f-4fdb-384e-1bb0-4a915000175c>

#### Expanding Capacity Eligibility

Zachary T. Smith of the NYISO presented clarifications to the NYISO’s proposal for counting MWs in the incremental penetration of resources with duration limitations. Mr. Smith explained that every year, the NYISO will post the MW count of incremental Resources with Energy Duration Limitations so that all Market Participants are aware which set of capacity values will be used in the following Capability Year. The MW count will start for incremental penetration of duration limited resources above the existing MW in service as of January 1, 2019. Once the MW penetration threshold has been met, the effective date of new capacity values will be the first of May in the following Capability Year. The objective of the MW Count is to capture the resources with duration limitations that are eligible for capacity and are incremental to the “As Found” 2019 System.

A table was provided to add clarity as to which resources will and will not be captured in the MW count.

Mr. Smith also noted incremental revisions to Section 5.12.14 of the MST and Attachments S, X and Z of the OATT to clarify language referencing Small Generating Facilities comprised of multiple units of the same or different technology type. Redline versions of the revised tariff sections were provided with the meeting materials.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/5655272/Expanding%20Capacity%20Eligibility%20032519.pdf/59b6899f-1031-2428-0fd9-287dca9c67fe>

#### Ancillary Services Manual Updates: Changes to Voltage Support and Automatic Fuel Swap

Harris Miller of the NYISO presented proposed updates to the Ancillary Services Manual (AS Manual). Minor changes were made to the language in Supplier Qualifications to better coordinate with other sections of the AS Manual.

A new section, 3.6.5 – Allowance for Out-of-Period Reactive Capability Testing, was created to allow for a test period for an existing resource that was prevented from testing during the specified period by the Transmission Owner (TO) due to a transmission facility outage.

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Some minor ministerial changes were also made for consistency and clarity.

Additional revisions were made to the Automatic Fuel Swap Testing Procedure and the Documentation of Automatic Fuel Swap Testing and Mitigation of Failed Tests sections to clarify communication procedures.

To see the complete presentation, please go to:

[https://www.nyiso.com/documents/20142/5655272/Manual\\_Update\\_VSS\\_Fuel\\_Swap\\_Changes%20032519.pdf/446fdd4a-3e1e-c18b-0e11-349aa9c1c033](https://www.nyiso.com/documents/20142/5655272/Manual_Update_VSS_Fuel_Swap_Changes%20032519.pdf/446fdd4a-3e1e-c18b-0e11-349aa9c1c033)

### **Wednesday, March 27, 2019**

#### **Management Committee**

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

The Management Committee (MC) hereby approves, and recommends to the NYISO Board for filing under Section 205 of the Federal Power Act, revisions to Attachment K of the Market Administration and Control Area Services Tariff as described in the presentation entitled “Clarification of Fixed Price TCC Credit Requirement Calculation,” made at the March 27, 2019 MC meeting..

**Motion passed unanimously**

##### **Motion #2:**

The Management Committee (“MC”) hereby: (i) approves revisions to the Market Administration and Control Area Services Tariff and the Open Access Transmission Tariff as more fully described in the presentation entitled “Establishing Zone J Operating Reserves” made to the MC on March 27, 2019; and (ii) recommends that the NYISO Board of Directors authorize NYISO staff to file such revisions under Section 205 of the Federal Power Act.

**Motion passed unanimously with one abstention**

### **Wednesday, March 27, 2019**

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

##### **2019 Project Milestones Update**

Robb Pike of the NYISO provided an update on the 2019 project milestones. Mr. Pike highlighted projects with a change of status since the last update and projects that will be the topic of working group discussion in the near future.

Topics with a change in status include:

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|--|------------------------|
| • <i>Oracle Financials Upgrade</i>                         | <i>On Schedule</i>     |
| • <i>Finance Systems Strategic Vision Planning</i>         | <i>On Schedule</i>     |
| • <i>Enabling Technologies for DER</i>                     | <i>At Risk/Delayed</i> |
| • <i>ESR Participation Model</i>                           | <i>At Risk/Delayed</i> |
| • <i>Constraint Specific Transmission Shortage Pricing</i> | <i>At Risk/Delayed</i> |
| • <i>Reserve Procurement for Resilience</i>                | <i>On Schedule</i>     |
| • <i>Database Platform Upgrade – 2019</i>                  | <i>On Schedule</i>     |
| • <i>Application Platform Upgrade Phase -- 2019</i>        | <i>On Schedule</i>     |
| • <i>Identity and Access Management (IAM) – 2019</i>       | <i>On Schedule</i>     |
| • <i>IT Infrastructure Automation</i>                      | <i>On Schedule</i>     |

Projects expected to be discussed in the near term working groups include:

- *Enhancing Fuel and Energy Security*
- *Competitive Entry Exemption for Increased CRIS*
- *BSM Repowering*

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- *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)*
- *Reserve Procurement for Resilience*
- *Comprehensive System Planning Process Review*
- *Climate Change Impact and Resilience Study*

To see Mr. Pike's complete presentation, please go to:

<https://www.nyiso.com/documents/20142/5690710/2019%20Project%20Schedule%20Milestone%20Update.pdf/8359d6ed-66ed-baf3-9b4c-0c7db1de04c7>

### 2018 Annual Incentive Goals

Emilie Nelson of the NYISO presented the results of the 2018 Corporate Incentive Achievement. The Corporate Incentive Achievement is a set of goals for the NYISO to strive for throughout the year and determines the annual bonus payout for NYISO employees. Ms. Nelson reported the results of Gateway, Quality and Strategic goals and noted the NYISO attained 127.5% for a total payout value.

To see the 2018 Corporate Incentive Achievement final totals, please go to:

[https://www.nyiso.com/documents/20142/5690710/2018\\_Corporate\\_Goal\\_Achievement\\_BPWG\\_032719.pdf/c3b64dd7-2c64-1629-acd2-10a93ebb3fc9](https://www.nyiso.com/documents/20142/5690710/2018_Corporate_Goal_Achievement_BPWG_032719.pdf/c3b64dd7-2c64-1629-acd2-10a93ebb3fc9)

### Potential Project: Scoping Green New Deal Market Changes

David Clarke of PSEG-LI presented a prospective project for NYISO consideration and stakeholder feedback. Mr. Clarke advanced an outline for the NYISO to host a monthly stakeholder discussion on pending developments in the electrical grid, in an effort to raise awareness and preparedness for anticipated changes as highlighted in the anticipated NYISO white paper.

After receiving input at the meeting, Mr. Clarke will work with the NYISO to further develop the PSEG-LI proposal.

### **Thursday, March 28, 2019**

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

##### **Carbon Pricing Supplemental Analysis**

Dr. Susan Tierney of The Analysis Group (AG) presented the potential scope of the additional analysis AG is performing on carbon pricing. Dr. Tierney outlined the topics, referred to as buckets, that AG intends to investigate and solicited input from stakeholders for additional buckets to investigate.

The buckets were presented as:

- Public health – primarily other pollutants – throughout the state
- Support for New York's Policy Goals
- Job impacts
- Repowering assumptions
- Retention of existing zero-carbon resources

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Stakeholder suggested several specific areas to analyze within the above buckets as well as provided feedback for additional areas of study.

AG will return to the ICAP WG in April with preliminary information for stakeholder review and discussion.

To see the complete AG presentation, please go to:

[https://www.nyiso.com/documents/20142/5740643/Analysis%20Group%20-%20Supplemental%20Analysis%20of%20NYISO%20Carbon%20Pricing%20Proposal%20-%20203-28-2019%20\(002\).pdf/e7c70fba-bae0-62d8-e068-986b3ca9f560](https://www.nyiso.com/documents/20142/5740643/Analysis%20Group%20-%20Supplemental%20Analysis%20of%20NYISO%20Carbon%20Pricing%20Proposal%20-%20203-28-2019%20(002).pdf/e7c70fba-bae0-62d8-e068-986b3ca9f560)

#### DER Energy Market Design: Settlements & Other Updates

Michael Lavillotti of the NYISO provided updates to the Distributed Energy Resource (DER) participation model. Mr. Lavillotti noted that the changes largely represent clarification of the proposals and were made to increase the clarity of the settlements language. In one instance, a step in a calculation was modified, however, the revised calculation is mathematically equal to the previous example. Examples of both were provided in an appendix.

The NYISO will continue to refine the proposal and associated tariff language as the proposed participation model approaches governance action in Q2 2019. To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/5740643/DER%20Overall%20Energy%20Market%20Design%20-%20Settlements%20Updates.pdf/069f3d28-4faa-c6d8-62be-607b78f56d92>

#### Fuel and Energy Security Study Assumptions and Data

Dr. Paul Hibbard of The Analysis Group (AG) presented the assumptions and data to be used in the Fuel and Energy Security Study, commissioned by the NYISO. Dr. Hibbard explained that the NYISO fuel security study will assess winter fuel and energy security for the New York Control Area (NYCA) under various assumptions (and variations to assumptions) and scenarios, and provide a report documenting the approach and findings.

Dr. Hibbard led a review of the proposed input assumptions and sources of data that feed into the fuel security model, along with alternative assumptions and system stress scenarios, while noting feedback from stakeholders.

AG will produce results using several variations in assumptions and various scenarios to cover a wide range of potential stresses on the electrical and fuel systems.

To see the complete presentation, please go to:

<https://www.nyiso.com/documents/20142/5740643/AG%20Fuel%20Security%20Study%20032819.pdf/202eb79f-7eff-5cad-d947-8baace58d971>

#### Carbon Pricing: Anticipated Market Issues Working Group (MIWG) Schedule

An updated timeline of meetings and presentations concerning the carbon price initiative was provided with today's meeting materials for stakeholder convenience. See:

[https://www.nyiso.com/documents/20142/5740643/NYISO\\_Carbon\\_Pricing\\_MIWG\\_Schedule\\_Updated\\_3\\_18\\_2019.pdf/7cf7431c-5cea-882b-dd5f-8684e1127e46](https://www.nyiso.com/documents/20142/5740643/NYISO_Carbon_Pricing_MIWG_Schedule_Updated_3_18_2019.pdf/7cf7431c-5cea-882b-dd5f-8684e1127e46)

## **FERC Filings**

### **March 29, 2019**

NYISO filing on behalf of Niagara Mohawk Power Corporation ("NMPC") of a Cost Reimbursement Agreement (SA No. 2448) between NMPC and the New York Power Authority

## **FERC Orders**

There were no Orders issued to the NYISO by FERC 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)