

# NYISO Consumer Interest Liaison Weekly Summary

## September 3 – September 7, 2018

### Notices:

- Please use the link below to access the NYISO's stakeholder summary of working group and committee meetings for the upcoming week. [NYISO Stakeholder Summary](#)
- An addendum to the 7/24 ICAP/MIWG materials has been posted at the link below. This addendum pertains to Agenda 3 – Enhancements to the Niagara Model. During that ICAP/MIWG meeting, some stakeholders requested additional explanation of how the market optimization will incorporate the enhanced Niagara modeling logic. [Addendum](#)

### Meeting Summaries:

**Thursday, September 6, 2018**

**System Operations Advisory Subcommittee**

**NYISO Operations Report – August 2018**

**Peak Load:**

The peak load for the month 31,861 MW occurred on Wednesday, August 29, 2018 at HB16. The Operating Reserve requirement during the peak was 1,965MW resulting in a minimum total Operating Capacity requirement of 33,826 MW.

**Reserve Requirements:**

Reserve	10 Min Sync	Non Sync	30 Min
Requirement	655	1,310	1,965
For Hour	1,338	2,074	3,292
DSASP Cont.	56	0	56

**Major Emergencies:** None

**Alert States:** 9

- 1 ACE Greater than (+or-) 500MW
- 5 Emergency Transfer Declared
- 2 Shortage of 10 Minute Synchronized Reserve
- 1 GIC (SMD) Activity

***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.***

The Alert State was declared 5 times during August 2017

<u>Thunderstorm Alerts:</u>	5	Total 19:42 Hours
<u>Reserve Activations:</u>	17	
<u>Emergency Actions:</u>	8/28/2018	SCR Activation Zone J HB12:00 – 18:00
	8/29/2018	SCR Activation Zone J HB12:00 – 18:00
	8/30/2018	SCR Test Zones A HB13
	8/30/2018	SCR Test Zones B/C/D/E HB14
	8/30/2018	SCR Test Zones J HB15
	8/30/2018	SCR Test Zones F/G/H/I/K HB16
<u>EDRP Activation</u>	8/28/2018	EDRP Activation Zone J HB12:00 – 18:00
	8/29/2018	EDRP Activation Zone J HB12:00 – 18:00
<u>Purchases:</u>	None	
<u>Sales:</u>	None	
<u>TLR 3 Declared:</u>	None	

### **Thursday, September 6, 2018**

#### **Joint Transmission Planning Advisory Subcommittee/Electric System Planning Working Group Study Scopes under Consideration for Recommendation for OC Approval**

##### **Q#629**

Silver Lake  
Solar  
24.99MW W/S  
Wyoming County, NY

**Recommend to the OC for approval**

##### **Q#697**

Ravenswood Energy Storage 1  
Battery  
345kV  
129MW W/S  
Long Island City, NY

**Recommend to the OC for approval**

##### **Q#698**

Ravenswood Energy Storage 2  
Battery  
138kV  
129MW W/S  
Long Island City, NY

**Recommend to the OC for approval**

##### **Q#699**

Ravenswood Gas  
Gas Turbine  
238.45MW S/ 243.79MW W  
Long Island City, NY

**Recommend to the OC for approval**

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**Q#737**

Empire Wind  
Wind – Offshore  
816MW W/S  
Brooklyn, Kings, NY

**Recommend to the OC for approval**

**Q#740**

Oakdale Battery Storage  
Battery  
115kV  
120MW W/S  
Broome County, NY

**Recommend to the OC for approval**

Study Reports under Consideration for Recommendation for OC Approval

**Q#619**

East Point Solar  
Solar  
50MW W/S  
Schoharie, NY

**Recommend to the OC for approval**

**Q#624**

Franklin Solar  
Solar  
150MW W/S  
Franklin County, NY

**Recommend to the OC for approval**

Update re: Order No. 845 Proposed Compliance Tariff Revisions

Thinh Nguyen of the NYISO provided an update on the compliance filing for FERC Order No. 845. The NYISO had submitted a Motion for Clarification, or in the alternative, a Motion for Rehearing regarding the manner in which the Commission detailed the independent entity variation with respect to the surplus interconnection service issue. The original compliance filing deadline of August 7, 2018 included in the Order was extended by the Commission to November 5, 2018.

The Ten Reforms included in Order No. 845 include:

1. *Interconnection Customer's Option to Build*
2. *Dispute Resolution*
3. *Identification and Definition of Contingent Facilities*
4. *Transparency Regarding Study Models and Assumptions*
5. *Definition of Generating Facility*
6. *Interconnection Study Deadlines*
7. *Requesting Interconnection Service Below Generating Facility Capacity*
8. *Provisional Interconnection Service*
9. *Utilization of Surplus Interconnection Service*

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### *10. Material Modification and Incorporation of Advanced Technologies*

Proposed tariff revisions were included with the meeting materials for stakeholder review. There will be an additional opportunity for discussion of the tariff revisions with stakeholders at the October 2018 TPAS meeting. The NYISO is requesting that comments be submitted no later than September 14, 2018 to afford due consideration prior to the October 2018 TPAS. The proposed revisions will be filed with the Commission by November 5, 2018 with a requested effective date of on or after the date of the compliance filing. To see the complete presentation, please go to:

[https://www.nyiso.com/public/markets\\_operations/committees/meeting\\_materials/index.jsp?com=oc\\_tpas](https://www.nyiso.com/public/markets_operations/committees/meeting_materials/index.jsp?com=oc_tpas)

#### Update to 2018 CARIS Phase 2 Base Case Results

Chen Yang of the NYISO presented the results of additional analysis of New York City generation and emissions patterns for 2019 – 2023. NYISO’s analysis revealed an anomaly in NO<sub>x</sub> emission rates for three fossil fuel units in NYC related to the truncation of the rates in the MAPS database. NYISO reran the CARIS base case with the adjusted rates, making no material changes to CARIS metrics except for NYC NO<sub>x</sub> emissions. Mr. Yang provided the results of the analysis reflecting the changes in NO<sub>x</sub> emissions. Mr. Yang explained the effects on emissions of the Millwood nuclear unit retirements through 2023. To see the complete presentation, please go to:

[https://www.nyiso.com/secure/webdocs/markets\\_operations/committees/oc\\_tpas/meeting\\_materials/2018-09-06/08\\_2018\\_CARIS\\_2\\_Updated\\_ESPWG\\_09\\_06\\_2018\\_FINAL.pdf](https://www.nyiso.com/secure/webdocs/markets_operations/committees/oc_tpas/meeting_materials/2018-09-06/08_2018_CARIS_2_Updated_ESPWG_09_06_2018_FINAL.pdf)

#### Short Term Improvements to Planning Processes

Yachi Lin of the NYISO provided an update on the short term improvements to the Comprehensive System Planning Process (CSPP). The NYISO’s review seeks to improve the efficiency of the CSPP through tariff revisions in two steps; a short term process and a long term process. The short term process will be completed with a Section 205 tariff filing to address immediate process improvements, essentially the “low hanging fruit”. The long term process will address longer term changes and will be discussed further beginning in Q4 2018.

The process improvements proposed for the short term effort are as follows:

- Two-Stage PPTPP Project Proposals
  - Require a Developer of a Public Policy Transmission Project to provide the project information in two stages, based upon what is required for the analyses conducted by the NYISO.
    - Initial submission, within 60 days from the NYISO’s solicitation: Developer qualification, certain electrical information, characteristics, and other targeted information necessary to conduct feasibility studies and determine a project’s viability and sufficiency.
    - Second submission: Required project information for proposed transmission solutions for the purpose of conducting system impact studies, and project evaluation and selection.
- Identical and Simultaneous Transmission Interconnection Application
  - Based on the proposed two-stage project information submittal, the NYISO proposes that a Developer must demonstrate that it submitted a Transmission Interconnection Application or Interconnection Request, as applicable, at the time of its initial submission of project information.
- Eliminate Pause Point

- Eliminate the requirement for a PSC order for the NYISO to proceed with its evaluation of transmission solutions following the viability and sufficiency assessment.
- Interest on Study Deposits
  - For purpose of the NYISO study deposit requirement, the NYISO will refund the deposit and the actual amount of interest accrued on the deposits held to the extent those exceed amounts owed to the NYISO. The interest rate will be the actual interest earned on the deposits rather than interest accrued at the FERC rate.

Proposed revisions that improve the organization of the Project Information Requirements for Public Policy Transmission Projects (PPTP) were highlighted.

Additional improvements to the process in the short term include:

- A 20-year CARIS evaluation period
  - Adjust the length of the evaluation period for proposed CARIS projects to conform to the length of the evaluation period for PPTP projects from 10 to 20 years
- Operating Agreement
  - The NYISO is revising the pro forma Operating Agreement in the tariff to conform with TransCo's Operating Agreement approved by FERC (as indicated previously to FERC)
- Cost Containment
  - The NYISO seeks to address stakeholder requests for cost containment for Public Policy Transmission Projects.
  - The NYISO plans to address cost containment in the Reliability Planning Process and in the CARIS as part of the market design concept proposal for overall reformulation of the CSPP later this year.

The additional proposed improvements were reviewed with stakeholders for thorough discussion and tariff sections, where applicable, were highlighted for reference.

There will be an additional opportunity for discussion at the September 25, 2018 ESPWG/TPAS meeting prior to seeking governance approval at the October BIC, OC and MC meetings.

To see the complete presentation, please go to:

[https://www.nyiso.com/secure/webdocs/markets\\_operations/committees/oc\\_tpas/meeting\\_materials/2018-09-06/09\\_ESPWG\\_short\\_term\\_tariff\\_revisions.pdf](https://www.nyiso.com/secure/webdocs/markets_operations/committees/oc_tpas/meeting_materials/2018-09-06/09_ESPWG_short_term_tariff_revisions.pdf)

## **Friday, September 7, 2018**

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

#### **Energy Management System Project Update**

Diane Peluso of the NYISO provided an update on the Energy Management System and Business Management System (EMS/BMS) project. It was reported at the May 30, 2018 BPWG that the project was at risk for the April 2019 implementation date due to delays completing Factory Acceptance Testing at the vendor site. Because of these delays, site testing is behind schedule. The new projected implementation date is October 1, 2019. Corrective actions have been made by ABB to help avoid any additional delays.

Summer Operations restrictions prohibit system implementations (No-Go-Live span) from April 15, 2019 through October 1, 2019. The NYISO continues to work towards identifying opportunities for schedule gains and identifying any potential impacts to 2019 project schedules. Ms. Peluso also noted that the project is tracking on budget.

To see the complete presentation, please go to:

[https://www.nyiso.com/public/webdocs/markets\\_operations/committees/mc\\_bpwg/meeting\\_materials/2018-09-07/EMS\\_BMS\\_BPWG.pdf](https://www.nyiso.com/public/webdocs/markets_operations/committees/mc_bpwg/meeting_materials/2018-09-07/EMS_BMS_BPWG.pdf)

#### RS-1 Budget Forecast, 2019 to 2023

Arthur Maniaci of the NYISO presented the Rate Schedule 1 (RS1) budget forecast for the years 2019 through 2023. This forecast will be the basis for determining the estimated value of RS1. This is the first year that the NYISO has extended the forecast to five years from the three years used in previous forecasts. The forecast methodology is based on three components; Net Energy, Exports and Wheels through the NYISO. The RS1 Budget Forecast for 2019 is 157,100 GWh, as compared to 157,810 GWh forecast for 2018. Mr. Maniaci provided historical data to illustrate the trend in energy usage in the years leading up to 2018, which are a component of the 2019 forecast calculation. Estimates were provided for years 2020 through 2023. To see the complete presentation, please go to:

[http://www.nyiso.com/public/webdocs/markets\\_operations/committees/mc\\_bpwg/meeting\\_materials/2018-09-07/2019\\_Budget\\_Forecast\\_BPWG.pdf](http://www.nyiso.com/public/webdocs/markets_operations/committees/mc_bpwg/meeting_materials/2018-09-07/2019_Budget_Forecast_BPWG.pdf)

#### NYISO 2019 Budget Overview

Cheryl Hussey of the NYISO presented an overview of the Draft 2019 NYISO Budget. A timeline of the budget process was provided with an anticipated Board of Directors' approval scheduled for November 13, 2018. NYISO's draft 2019 budget totals \$168.2M, allocated across a forecast of 157.1 million MWh, for a Rate Schedule 1 charge/MWh of \$1.071. Comparatively, the 2018 budget was \$155.7M, allocated across 157.81 million MWh for a Rate Schedule 1 charge/MWh of \$0.987.

Ms. Hussey led a line item review of the draft budget for discussion with stakeholders.

Draft advisory budget projections were provided for 2020 through 2023 highlighting the primary driver assumptions for each year.

To see the complete presentation of the 2019 draft budget, please go to:

[http://www.nyiso.com/public/webdocs/markets\\_operations/committees/mc\\_bpwg/meeting\\_materials/2018-09-07/09-07-2018%20BPWG%202019%20DRAFT%20Budget%20Presentation%20FINAL.pdf](http://www.nyiso.com/public/webdocs/markets_operations/committees/mc_bpwg/meeting_materials/2018-09-07/09-07-2018%20BPWG%202019%20DRAFT%20Budget%20Presentation%20FINAL.pdf)

### **FERC Filings**

#### **September 7, 2018**

NYISO filing of revisions to its Services Tariff, in compliance with the uplift cost reporting requirements of Order No. 844

### **FERC Orders**

**September 7, 2018** Order accepted NYISO's Order No. 842 compliance filing regarding revisions to its Large Facility Interconnection Procedures, Large Generator Interconnection Agreement, Small Generator Interconnection Procedures, and Small Generator Interconnection Agreement

**September 6, 2018** Order accepted an executed amended and restated operating agreement (Service Agreement No. 2271) between NYISO and the New York Transco, LLC

### **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)