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## NYISO Consumer Interest Liaison Weekly Summary

### February 8 – February 12, 2016

#### **Notices:**

- *The February 16 ICAP meeting has been cancelled. The NYISO intends to reschedule the meeting during the week of February 22.*
- *Two upcoming training opportunities will offer individuals the chance to learn more about New York's competitive wholesale electricity markets and power system operations. The New York Independent System Operator (NYISO) is hosting both sessions.*
  - *On Tuesday, **March 1**, the NYISO will conduct an introductory, **one-day Market Overview Course** at its Rensselaer, N.Y., headquarters. Recommended for those with minimal energy industry experience, this course provides attendees with a general overview of all aspects of the wholesale electricity markets in New York and includes segments on power system fundamentals, shared governance, market pricing and energy market transactions.*
  - *The NYISO also will offer an **in-depth, three and one-half day Market Orientation Course**, geared toward active or prospective participants in New York's wholesale electricity markets. Attendees receive instruction in the purchase and sale of energy, capacity and related market products. The Market Orientation Course will take place on **March 8 -11**.*
- *In response to a stakeholder request, **additional reference material (NY to PJM Deliverability Flows)** for the [February 8 Class Year 2015 Working Group meeting](#) is now posted*
- *Based on your feedback, the **2016 sector meeting dates** have been assigned and are listed below.*
  - *4/7 -- Public Power/Environmental Sector ([RSVP Here](#))*
  - *4/14 – Generation Owners Sector ([RSVP Here](#))*
  - *4/22 – Transmission Owners Sector ([RSVP Here](#))*
  - *4/28 – End Use Sector ([RSVP Here](#))*
  - *4/29 – Other Suppliers Sector ([RSVP Here](#))*

#### **Meeting Summaries:**

**Monday, February 8, 2016**

**Interconnection Project Facilities Study Working Group**



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### Class Year 2015 Progress Update

Steve Corey of the NYISO presented an update on the progress of the Class Year 2015 (CY2015) study. Mr. Corey reviewed the CY2015 members. The projects going through a full study for both Energy Resource Interconnection Service (ERIS) and Capacity Resource Interconnection Service (CRIS) are:

- *Champlain Hudson Power Express*
- *Poseidon Transmission*
- *Copenhagen Wind*
- *Jericho Rise Wind*
- *Caithness Long Island II*
- *Bethlehem Energy Center Uprate*
- *Greenidge Unit #4*

The facilities that are requesting only a Deliverability Study for CRIS are:

- *Marble River Wind*
- *CPV Valley*
- *Stony Creek*
- *Bowline 2*
- *East River 1 Uprate*
- *East River 2 Uprate*
- *Linden Cogeneration Plant*
- *Astoria Energy CC1 and CC2*
- *HQUS External CRIS Rights Increase*

Mr. James Barrett of the NYISO described the status of the Part 1 design studies for each project and identified the entity that is conducting the study. Study review meetings are being conducted for each of the projects prior to the reports being finalized.

Under the Part 2 Minimum Interconnection Standard (MIS) Studies, Mr. Edwin Cano of the NYISO reported that all projects undergoing the full study have completed the N-1 and N-1-1 analysis for Local Thermal/Voltage analysis with no thermal or voltage impacts. Mr. Mikhail Borodulin of the NYISO described the methodology for the Local Stability Analysis and announced that all full study members have completed the study with the conclusions that:

- *Each CY15 project exhibits stable response with positive damping for all relevant local contingencies and has no adverse impact on the NYCA stability.*
- *Both CY15 wind generation projects (Q#395 and Q#397) meet the Post-Transition Period LVRT Standard.*
- *Local stability assessment has not identified a need for SUFs addressing local stability issues.*

Mr. Cano provided a summary of the Transfer Analysis Study that was completed in December 2015. The Resource Adequacy Assessment was completed and the NYCA meets projected IRM and LCR requirements. The evaluation of meeting the Reliability Criterion of 0.1days/year for

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LOLE is expected to be completed in February 2016. Under Special Studies, the Electromagnetic Transient (EMTP) studies are expected to be completed in February 2016 and the Subsynchronous Torsional Interaction (SSTI) Screening studies were completed in October 2015.

Mr. Corey next presented a summary of the Part 2 DIS Study methodology and results. The New York City (NYC) capacity region test led to the determination that the CY2015 projects in NYC are fully deliverable. The CY2015 projects for the Long Island (LI) capacity region are not fully deliverable. Preliminary cost estimates for the System Deliverability Upgrades were provided for the LI CY2015 members and totaled approximately \$200 million. As reported in October 2015, all CY2015 members in the Rest of State (ROS) and Lower Hudson Valley (LHV) capacity regions are fully deliverable.

Mr. Corey led a review of the Decision Step for the Deliverability Study process outlined in Section 25.7.7.1 of Attachment S, explaining that any CY2015 Project may elect to:

- 1) *Withdraw from the Class Year;*
- 2) *Withdraw its CRIS request and remain in the CY for ERIS; or*
- 3) *Keep its CRIS request but elect to not pursue a System Deliverability Upgrade (SDU) (in which case, the project may opt to accept its Deliverable MWs, if any, pursuant to Section 25.8.2 of Attachment S)*

Alternatively, a CY Project that triggers the need for a new SDU may elect for NYISO to proceed forward with the required SDU studies. The NYISO has determined that as the Long Island Byways test was the only test that failed, thus identifying the need for new SDUs on Long Island, the two Long Island Projects would require SDUs for their requested CRIS to be fully deliverable. When the NYISO initiates the decision step, pursuant to Section 25.7.7.1, the CY2015 Projects will have up to 10 business days to notify NYISO of their election to either proceed forward with the additional SDU studies, or one of the other options. Mr. Corey provided the anticipated remaining schedule for the CY2015 process as below:

<u>Milestone</u>	<u>Target Date</u>
• NYISO notice re: additional SDU studies	2/9/2016
• Due date for CY Projects' elections	2/24/2016
○ <i>Election to perform additional SDU studies would add approximately 6 months to the schedule</i>	
If no projects withdraw from the Class and additional SDU studies are not performed:	
• NYISO prepare draft reports for TPAS	2/24/2016
• Presentation to TPAS and IPFS WG	3/4/2016
• If recommended, presentation to OC	3/17/2016
• If approved, NYISO notice to initiate decision/settlement process	3/18/2016
• CY15 completion/conclusion	May 2016

A TO indicated that they disagree with the NYISO in reference to the Long Island deliverability results, and will discuss their concerns with the NYISO. Mr. Corey stated that the NYISO will



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discuss the deliverability results with the TO and with the affected Developers and will hold off on issuing the notice re: additional SDU studies until NYISO confirms that the deliverability results are correct and consistent with the Attachment S methodology, which may affect the above schedule.

A stakeholder raised the issue of the potential delay of a transmission owner TOTS upgrade relating to Staten Island and its relevance to the modeling used for the Deliverability Study. NYISO agreed to check into that. Another stakeholder requested additional information regarding the modeling of the PJM-NYISO interchange schedule and the 1,000 MW wheel in the deliverability study base case. The NYISO acknowledged the comment and will prepare a response for the February 19, 2016 ICAP WG meeting, or other stakeholder meetings as can be arranged. To see the complete NYISO presentation, please go to:

[https://www.nyiso.com/secure/webdocs/markets\\_operations/committees/oc\\_ipfswg/meeting\\_materials/2016-02-08/CY15%20presentation\\_Feb%208%20IPFSWG\\_final%20draft%20for%20posting.pdf](https://www.nyiso.com/secure/webdocs/markets_operations/committees/oc_ipfswg/meeting_materials/2016-02-08/CY15%20presentation_Feb%208%20IPFSWG_final%20draft%20for%20posting.pdf)

### **Wednesday, February 10, 2016**

#### **Business Issues Committee**

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

Motion to approve the Minutes of the December 9, 2015 meeting

**Motion passed unanimously.**

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

The Business Issues Committee (BIC) hereby approves revisions to the Installed Capacity Manual as presented at the February 10, 2016 BIC Meeting.

**Motion passed unanimously with abstentions.**

##### **Motion #3:**

The Business Issues Committee (BIC) hereby approves the proposed changes to the Economic Planning Process Manual as presented and described at the February 10, 2016 BIC Meeting.

**Motion passed unanimously.**

### **Wednesday, February 10, 2016**

#### **Electric System Planning Working Group**

##### **Development Agreement for Reliability Planning Process**

Michael Messonier of Hunton and Williams, representing the NYISO, presented proposed revisions to the Development Agreement for the Reliability Planning Process in order to comply with the FERC directive dated December 23, 2015. Comments were noted at the presentation and are welcome through February 17, 2016. The NYISO will address comments and offer further discussion on the Development Agreement at the February 25, 2016 ESPWG meeting.



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The filing is due to FERC on March 22, 2016. To see the redline of the Development Agreement for the Reliability Planning Process please go to:

[https://www.nyiso.com/public/webdocs/markets\\_operations/committees/bic\\_espwg/meeting\\_materials/2016-02-10/Reliability%20Development%20Agreement%20Between%20NYISO%20and%20Transmission%20Developer.pdf](https://www.nyiso.com/public/webdocs/markets_operations/committees/bic_espwg/meeting_materials/2016-02-10/Reliability%20Development%20Agreement%20Between%20NYISO%20and%20Transmission%20Developer.pdf)

#### Tariff Changes related to Development Agreement for Reliability Planning Process

Michael Messonnier of Hunton and Williams, representing the NYISO, presented proposed revisions to the tariff language guiding the Development Agreement for the Reliability Planning Process in order to comply with the FERC directive dated December 23, 2015. Comments were noted at the presentation and are welcome through February 17, 2016. The NYISO will address comments and offer further discussion on the tariff language at the February 25, 2016 ESPWG meeting. The filing is due to FERC on March 22, 2016. To see the redline of the proposed tariff language, please go to:

[http://www.nyiso.com/public/committees/documents.jsp?com=bic\\_espwg](http://www.nyiso.com/public/committees/documents.jsp?com=bic_espwg)

#### **Friday, February 12, 2016**

##### **Operating Committee**

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

The Operating Committee (OC) hereby approves the meeting minutes from the January 14, 2016 meeting.

**The motion passed unanimously by show of hands.**

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

The Operating Committee (OC) hereby approves the Q#467 Tallgrass Solar System Reliability Impact Study Scope as presented and discussed at the February 12, 2016 OC meeting.

**The motion passed unanimously by show of hands with an abstention.**

##### **Motion #3:**

The Operating Committee (OC) hereby approves the Q#496 Renovo System Reliability Impact Study Scope as presented and discussed at the February 12, 2016 OC meeting.

**The motion passed unanimously by show of hands with an abstention.**

##### **Motion #4:**

The Operating Committee (OC) hereby approves the Q#505 Ball Hill Wind System Reliability Impact Study Scope as presented and discussed at the February 12, 2016 OC meeting.

**The motion passed unanimously by show of hands with an abstention.**

##### **Motion #5:**



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The Operating Committee (OC) hereby approves the Q#461/462 East River 1 and 2 Uprates System Reliability Impact Study Report as presented and discussed at the February 12, 2016 OC meeting.

**The motion passed unanimously by show of hands with an abstention.**

**Motion #6:**

The Operating Committee (OC) hereby approves the Q#467 Tallgrass Solar System Reliability Impact Study Report as presented and discussed at the February 12, 2016 OC meeting.

**The motion passed unanimously by show of hands with an abstention.**

**Motion #7:**

The Operating Committee (OC) hereby approves the Q#490 Marcy South SPS System Impact Study Report as presented and discussed at the February 12, 2016 OC meeting, such approval conditioned upon agreement by NYPA that the proposed SPS is temporary, and will only be in place as long as conditions exist that require the SPS; however, in the event NYPA seeks continued use of the SPS beyond December 31, 2018, NYPA must submit a new SIS request for the permanent solution, the study and study scope for which will be subject to OC review and approval.

**The motion passed unanimously by show of hands with abstentions.**

## **FERC Filings**

### **February 12, 2016**

NYISO filing of a motion requesting an additional extension of the compliance filing deadline regarding revisions to the buyer-side capacity market power mitigation rules

**February 12, 2016** Niagara Mohawk Power Corporation ("National Grid") compliance revisions to the NYISO OATT to amend the National Grid-specific Wholesale Transmission Service Charge formula in accordance with the terms of the settlement agreement filed by National Grid on September 11, 2015 in Docket No. ER14-543.

**February 11, 2016** NYISO filing, on behalf on Niagara Mohawk Power Corporation ("NMPC"), of a Large Generator Interconnection Agreement (SA No. 2260) between NMPC and Indeck-Corinth Limited Partnership

### **February 9, 2016**

NYISO ministerial filing to remove rejected language from, and insert missing language into, the NYISO OATT.

## **FERC Orders**

There were no FERC Orders issued to NYISO this week



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**Link to FERC 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)