

NYISO System and Resource Planning Status Report

December 31, 2015

Comprehensive System Planning Process (CSPP):

Reliability Planning Process:

- The 2014 CRP determined that the New York bulk power system will meet all applicable reliability criteria over the 2015 through 2024 study period, and confirmed that the initially identified Reliability Needs in the 2014 RNA are resolved.
- The final CRP report was approved by the NYISO Board in July and is located at: http://www.nyiso.com/public/webdocs/markets_operations/services/planning/Planning_Studies/Reliability_Planning_Studies/Reliability_Assessment_Documents/2014CRP_Final_20150721.pdf
- NRG Energy notified the PSC and the NYISO on August 25, 2015 of its intent to retire the Huntley generating facility on March 1, 2016. The PSC requested the NYISO and National Grid to determine whether the retirement of Huntley and mothballing of Dunkirk would have an adverse impact on reliability. The NYISO responded to the PSC on October 30 stating that, assuming the timely completion of National Grid local transmission upgrades, reliability would be maintained following the mothballing of Dunkirk on January 1, 2016 and the retirement of Huntley on March 1, 2016. The NYISO has requested National Grid to provide bi-weekly status updates regarding the progress of the upgrades until they are complete, and will continue to assess whether a Reliability Need will arise on the Bulk Power System or local transmission system.
- Entergy Nuclear Power Marketing LLC notified the PSC and the NYISO on Nov. 13, 2015 of its intent to retire the James A FitzPatrick Nuclear Generating Facility at the end of its current fuel cycle, which is projected to be approximately Q4 2016 – Q1 2017. In accordance with the new RMR process, the NYISO has determined that the generator deactivation notice is complete, and as the next step, will determine the impact to reliability.

CARIS:

- The final 2015 CARIS report was approved by the NYISO Board in November and a public information session was held on December 17th. The Report is located at: [http://www.nyiso.com/public/webdocs/markets_operations/services/planning/Planning_Studies/Economic_Planning_Studies_\(CARIS\)/CARIS_Final_Reports/2015_CARIS_Report_FINAL.pdf](http://www.nyiso.com/public/webdocs/markets_operations/services/planning/Planning_Studies/Economic_Planning_Studies_(CARIS)/CARIS_Final_Reports/2015_CARIS_Report_FINAL.pdf)
- NYISO has begun the process to extend and update the 2015 CARIS 1 database for potential specific project submittals.
- No specific 2014 CARIS 2 project proposals have been submitted as of December 23rd.
- NYPA has requested an additional CARIS study to be performed, assessing the economic impact of various infrastructure upgrades in the NYCA transmission system. [http://www.nyiso.com/public/webdocs/markets_operations/services/planning/Planning_Studies/Economic_Planning_Studies_\(CARIS\)/CARIS_Final_Reports/2015_CARIS_Report_FINAL.pdf](http://www.nyiso.com/public/webdocs/markets_operations/services/planning/Planning_Studies/Economic_Planning_Studies_(CARIS)/CARIS_Final_Reports/2015_CARIS_Report_FINAL.pdf)

[udies/Economic Planning Studies \(CARIS\)/CARIS Additional Studies/NYPA%20Request%20for%20an%20Additional%20CARIS%20Study.pdf](#)

- NYISO staff continues to internally assess appropriate metric methodologies for estimating the capacity benefits of transmission projects.

Public Policy Transmission Planning Process:

- On July 16, the PSC declared a Public Policy Transmission Need (PPTN) in Western New York. In August, NYISO staff presented to stakeholders the baseline technical details and next steps in the process. The NYISO presented updated baseline results on October 29, taking into consideration updated local transmission plans affecting Western New York. The solicitation for solutions was issued on November 1; solutions were due on December 31.
- On December 17, 2015 the NYPSC issued an order finding that there is a transmission need driven by Public Policy Requirements for new 345 kV major electric transmission facilities to cross the Central East and UPNY/SENY interfaces to provide additional transmission capacity to move power from upstate to downstate. The Order directs the NYISO to solicit and review solutions with the potential for selected transmission developers to obtain cost recovery for their development and construction costs from the beneficiaries of the transmission upgrades through the NYISO tariff.

Interregional Planning:

IPSAC:

- FERC issued an order on May 14, 2015 on the NYISO/PJM/ISO-NE interregional compliance filing from 2013. Joint compliance filings were submitted on July 13, 2015.
- On November 19, FERC issued a letter order accepting the filing effective January 1, 2014 as requested.
- NYISO, PJM, & ISO-NE will be taking steps necessary to comply with Order 1000 and the protocol. An IPSAC meeting was held on December 14 to discuss:
 - Regional Planning Needs and Plans for Each of the ISO/RTOs
 - Interregional Planning Timelines in the Context of Order 1000
 - Projects Potentially Affecting Neighboring Systems

EIPC:

- Model Roll-up
 - EIPC members have created roll-up integration for summer peak and winter peak powerflow cases of the Eastern Interconnection representing the year 2025.
 - Gap analysis and linear transfer analysis was performed and compiled in a draft Roll-up Model Report in December 2015.
 - NYISO held an IPTF meeting on November 10, and EIPC held a webinar on November 17 to present the results and seek stakeholder feedback on potential scenarios of interest for analysis in 2016. Stakeholder written input on the draft roll-up report and possible scenarios is due January 29, 2016.
 - Next EIPC webinar is scheduled for February 26, 2016.