

NYISO System and Resource Planning Status Report

September 3, 2015

Comprehensive System Planning Process (CSPP):

CARIS:

- Based upon the analysis of historic and projected congestion patterns, NYISO staff has finalized the three studies for the 2015 CARIS (Central East, Central East-New Scotland-Pleasant Valley, and the Western New York 230 kV system) and reviewed these with stakeholders. The NYISO provided preliminary study results, including estimated production cost benefits and implementation costs for each study and generic solution, to ESPWG on August 27th.
- No specific 2014 CARIS 2 project proposals have been submitted as of August 31.
- 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_Additional_Studies/NYPA%20Request%20for%20an%20Additional%20CARIS%20Study.pdf](http://www.nyiso.com/public/webdocs/markets_operations/services/planning/Planning_Studies/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 in Western New York. In August, NYISO staff presented to stakeholders the baseline technical details and next steps in the process. A solicitation for solutions will be issued by the NYISO on October 1.

2014 RNA:

- Requests for Developer Qualification were received from both NYCA TOs and from out-of-state companies for the construction of reliability based transmission solutions. The Qualified Developers have been notified.

2014 CRP:

- 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 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

Interregional Planning:

IPSAC:

- FERC issued an order on May 14, 2015 on the NYISO/PJM/ISO-NE interregional compliance filing from 2013.
 - Largely accepted the Amended Northeastern Protocol and associated tariffs, but a further compliance filing is required to address relatively minor issues.
 - Revisions were discussed at the NYISO IPTF on June 25; the filing was submitted July 13, 2015.
- Through 2015, NYISO, PJM, & ISO-NE will be taking steps necessary to comply with Order 1000 and the protocol. An IPSAC meeting will be scheduled toward the end of the year.

EIPC:

- Model Roll-up
 - For 2015, EIPC members will create 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 will be performed and compiled in a Roll-up Model Report.
 - In late 2015, EIPC will seek stakeholder feedback on potential scenarios of interest for analysis in 2016.
- Gas-Electric System Interface Study
 - Levitan & Associates is the vendor for study.
 - Study Timeline:
 1. Baseline assessment of existing system (complete 4/14/2014)
 2. Evaluate capability of gas system to satisfy need of electric system (complete 3/10/2015)
 3. Identify gas-side contingencies that could impact electric reliability (complete 3/27/2015)
 4. Review dual fuel capability (complete 12/1/2014)
 5. Draft report was presented to stakeholders May 2015
 6. Draft report was delivered to DOE for comments in June 2015
 7. Final report was delivered to DOE July 2015