

NYISO System and Resource Planning Status Report

July 31, 2016

Comprehensive System Planning Process (CSPP):

Reliability Planning Process:

- The NYISO presented a first draft of the 2016 Reliability Needs Assessment (RNA) with the preliminary results at the July 5, 2016 ESPWG meeting, and reviewed scenario results with ESPWG on July 26. Further results following freshened data and Transmission Owner updated local transmission plans will be reviewed at the August 8, 2016 ESPWG.
- The preliminary RNA results indicate that there are no resource adequacy needs for the 2017-2026 study period, but the RNA does identify transmission security issues in western New York and Long Island beginning in 2017. The NYISO is finalizing the RNA results, to be presented at the August 25th ESPWG/TPAS.

CARIS:

- NYISO is extending and updating the 2015 CARIS 1 database for potential specific project submittals. Final Base Case results for 2016 CARIS 2 were shared at the July 5, 2016 ESPWG and at the July 13, 2016 BIC. There were no objections raised at BIC to using the database described as the 2016 CARIS 2 Base Case.
- No specific 2016 CARIS 2 project proposals have been submitted as of July 28th.
- Empire Connector has requested an additional CARIS study to be performed, assessing the economic impact of a new transmission facility connecting Marcy and NYC. [http://www.nyiso.com/public/webdocs/markets_operations/services/planning/Planning_Studies/Economic_Planning_Studies_\(CARIS\)/CARIS_Additional_Studies/EmpireConnectorStudyRequest.pdf](http://www.nyiso.com/public/webdocs/markets_operations/services/planning/Planning_Studies/Economic_Planning_Studies_(CARIS)/CARIS_Additional_Studies/EmpireConnectorStudyRequest.pdf). This study is on-going.
- NYISO staff continues to internally assess appropriate metric methodologies for estimating the capacity benefits of transmission projects as well as other potential metrics of project impacts.

Public Policy Transmission Planning Process:

- On July 16, 2015, the PSC declared a Public Policy Transmission Need (PPTN) in Western New York. The solicitation for solutions was issued on November 1st and solutions were due on December 31st. The NYISO reviewed the 15 proposals received from eight developers and performed the viability and sufficiency assessment (VSA). The draft VSA report was published on April 29, 2016, and the final report was published on May 31, 2016. The NYISO identifies ten viable and sufficient projects and recommends certain non-bulk transmission upgrades also be made to fulfill the objectives of the transmission need identified by the PSC. On June 22, 2016, PSC issued a SAPA notice seeking public comment on whether there continues to be a need for transmission in Western New York with comments due August 8th.

- On December 17, 2015, the NYPSC issued an order finding that there is a transmission need driven by Public Policy Requirements to increase transfer capability of the Central East and UPNY/SENY interfaces. The NYISO issued a solicitation for solutions on February 29, 2016, with project responses due April 29, 2016. The NYISO reviewed the 16 proposals received from six developers, and is currently performing a viability and sufficiency assessment to determine the capability of the projects to satisfy the public policy criteria.

NYISO Clean Power Plan Study:

- The objective of the NYISO CPP study will be to examine how New York States compliance strategies interact with existing market rules and system reliability.
- The NYISO will examine changes in transmission and system resources and changes needed to meet program objectives while maintaining essential reliability services.
- A presentation was made to ESPWG on July 5, 2016.
- PTI Siemens will be studying system stability under low load/high renewable cases.
- NERC Essential Reliability Services will also be reported.

Interregional Planning:

IPSAC:

- The Joint ISO/RTO Committee (JIPC) reviews on an ongoing basis interconnection projects that may have interregional impacts. Through 2016, the JIPC will also continue efforts to develop and improve procedures for interregional coordination.
- The JIPC is continuing to develop, coordinate, and maintain an interregional production cost database.
- The next IPSAC webex meeting is scheduled for December 9, 2016.

EIPC:

- Phase I – Final 2015 EIPC Roll-up Report was completed in March 2016 and posted to the EIPC website: <http://www.eipconline.com/non-doe-documents.html>
- Phase II – The Technical Committee suggested offering EISPC a webinar or series of presentations on recently completed regional studies in lieu of engaging in a scenario analysis on the 2025 cases. NYISO offered the CPP Study and the Solar Integration Study. SSMLFWG Chair will discuss with EISPC the list of studies and topics that could be presented.