

NYISO System and Resource Planning Status Report

June 30, 2016

Comprehensive System Planning Process (CSPP):

Reliability Planning Process:

- A first draft of the 2016 Reliability Needs Assessment (RNA) with the preliminary results will be discussed at the July 5, 2016 ESPWG meeting.
- The preliminary RNA results indicate that there are no resource adequacy needs for the 2017-2026 study period, but it has identified transmission security issues in western New York and Long Island beginning in 2017, which the TOs are reviewing.

CARIS:

- NYISO is extending and updating the 2015 CARIS 1 database for potential specific project submittals. Preliminary Base Case results for 2016 CARIS 2 will be shared at the July 5, 2016 ESPWG.
- No specific 2016 CARIS 2 project proposals have been submitted as of June 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 1 and solutions were due on December 31. 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 29th, 2016, and the final report was published on May 31st, 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 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 is reviewing the 16 proposals received from six developers, and will perform the viability and sufficiency assessment.

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 will be 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:

- NYISO, PJM, and ISO-NE drafted and finalized the 2015 Northeast Coordinated System Plan (NCSP) report, in accordance with the Amended Northeast Planning Protocol under Order 1000.
- IPSAC webex was held on May 9th, 2016 presenting:
 - The final NCSP report
 - Regional Planning Needs and Plans for Each of the ISO/RTOs
 - Projects Potentially Affecting Neighboring Systems

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.