

NYISO System and Resource Planning Status Report

December 29, 2017

Comprehensive System Planning Process (CSPP):

Reliability Planning Process:

- The 2018-2019 cycle of the Reliability Planning Process (RPP) will start in the first quarter of 2018. In preparation, the New York Transmission Owners presented their Local Transmission Plans and NYPA presented its Transmission Plan to the NYISO stakeholders this fall. A new revision of the RPP Manual #26 has been approved by Operating Committee on December 14 and will be posted on the NYISO web site after January 3, 2018.
- On December 13, 2017 the NYISO has posted the final Generation Deactivation Assessment report for the proposed retirement of Indian Point Energy Center Unit 2 in 2020 and Unit 3 in 2021.
- FERC has accepted the NYISO's Generator Deactivation Process, subject to a further compliance filing on limited issues.

Economic Planning Process (CARIS):

- No specific 2016 CARIS 2 project proposals have been submitted as of December 31th.
- Assumptions were finalized for the 2017 CARIS Phase 1 Study as of August 15th, 2017 with an update provided at the August 28th ESPWG. Base case model results were presented to ESPWG on October 26th. The NYISO presented study results for five of the seven scenarios at the November 17th ESPWG. In addition, the NYISO identified in this presentation the three constrained interfaces to be studied in the 2017 CARIS Phase 1 process. Draft study results will be presented to ESPWG in January 2018.
- NYISO staff continues to internally assess appropriate metrics for estimating the capacity benefits of transmission projects as well as other potential metrics of project impacts.

Public Policy Transmission Planning Process:

- On June 30, 2017, the NYISO issued a draft Western New York Public Policy Transmission Planning Report, which was discussed at five ESPWG/TPAS meetings in July and August. The NYISO then presented the report to the Business Issues Committee, the Operating Committee, and the Management Committee in September. At its October meeting, the NYISO Board approved the report selecting the NextEra T014 project to satisfy the Western NY Transmission Need. As a next step, the NYISO is working on a Development Agreement to be tendered to NextEra.
- On December 17, 2015, the PSC issued an order identifying the AC Transmission PPTN. The NYISO issued a solicitation for solutions on February 29, 2016, and received 16 projects by April 29, 2016. The NYISO performed a viability and sufficiency assessment, and published the final VSA report identifying 13 viable and sufficient projects on October 27, 2016. The

NYISO filed the VSA report with the PSC along with the cost allocation method on October 28, 2016. On January 24, 2017, the PSC issued an order confirming the AC Transmission Need and adopting the refined cost allocation methodology submitted by NYISO. The NYISO has commenced the next phase to evaluate and select the more efficient or cost effective transmission solution. Draft results are tentatively scheduled to be available by the end of first quarter, 2018.

- On August 1, 2016, the NYISO initiated the 2016 Public Policy Transmission Planning Process (PPTPP) cycle by issuing a solicitation for proposed transmission needs driven by Public Policy Requirements. Twelve entities submitted proposals by September 30, 2016. The NYISO filed the proposals with the PSC on October 3, 2016, for their consideration. If the PSC determines that there is a need for transmission, the NYISO will solicit projects from developers to fulfill that need.

Interregional Planning:

JIPC/IPSAC:

- The Joint ISO/RTO Planning Committee (JIPC) is continuing to exchange data and information, review transmission needs in neighboring regions, review interconnection projects with interregional impacts, and maintain an interregional production cost database.
- An Interregional Planning Stakeholder Advisory Committee (IPSAC) was held on December 11, 2017 with the below agenda:
 - Annual coordination process
 - Regional needs and solutions
 - Interconnection projects with interregional impacts
 - Scope of the 2017 Northeast Coordinated System Plan report (draft available for stakeholder review by March 2018)

EIPC:

- The primary work undertaken by EIPC in 2018 will include
 - Continued development of an Eastern Interconnection (EI) production cost database
 - Development of a database required to perform EI-wide frequency response
 - Negotiation with NERC on an agreement that designates EIPC to manage the model development currently undertaken by Multiregional Modeling Working Group (MMWG).
 - Complete a gap and transfer analysis of an MMWG case
 - Complete the first effort to publish a “State-of-the-Grid” report for EI