

NYISO System and Resource Planning Status Report

June 28, 2019

Comprehensive System Planning Process (CSPP):

Reliability Planning Process:

- The 2018-2019 cycle of the Reliability Planning Process (RPP) is in progress. On October 16, 2018, the RPP's first phase, the Reliability Needs Assessment (RNA), was approved by the NYISO Board of Directors. The 2018 RNA report identified no Reliability Needs for the 2019-2028 study period; the 2019-2028 Comprehensive Reliability Plan (CRP), currently in progress, documents the plans to maintain reliability through that period. As part of the CRP, a scenario was performed jointly by NYISO, Con Edison, and PSEG Long Island to assess potential reliability impacts from the draft DEC NOx emissions rule affecting simple cycle combustion turbines (the "peaker rule"). The scenario results show that both transmission security and resource adequacy needs would arise from the deactivation of the peakers. The 2020-21 Reliability Planning Process will further evaluate the system to determine the reliability needs and potential market based and regulated backstop solutions. The CRP Report was recommended for the NYISO's Board approval at the May 16 OC and May 20 MC meetings. The NYISO targets the July NYISO Board meeting for approval. (Current)

Economic Planning Process (CARIS):

- The NYISO finalized the 2018 CARIS 2 base case assumptions with their presentation at the September BIC. As of this report, no specific 2018 CARIS 2 project proposals have been submitted. (Current)
- The NYISO has initiated work on the next CARIS Phase I base case, based on the 2019-2028 CRP. The NYISO kicked off the effort with a presentation at the June 25th ESPWG meeting. (Current)

Public Policy Transmission Planning Process:

- The NYISO has executed a Development Agreement with NextEra Energy Transmission New York, Inc. for its Empire State Line Proposal 1 for the Western NY Public Policy Transmission Need. NextEra filed its Article VII siting application with the NYPSC in August 2018. (Current)
- The NYISO's Board of Directors issued a decision on April 8, 2019, finding that a joint proposal by North American Transmission and the New York Power Authority (NYPA) (Project T027) was the more efficient or cost-effective solution for Segment A (Central East). For Segment B (UPNY/SENY), the Board found that the more efficient or cost effective solution was a joint proposal by National Grid and New York Transco (Project T019). The selected developers are responsible for entering into an agreement with the NYISO for the development of their transmission projects, and for submitting the projects to appropriate governmental agencies and authorities to obtain approvals to permit, site, construct, and operate them. (Current)

- The NYISO initiated the 2018-2019 Public Policy Transmission Planning Process (PPTPP) cycle on August 1, 2018 by issuing a solicitation for proposed transmission needs driven by Public Policy Requirements. As of September 30, 2018, 15 entities have proposed transmission needs to the NYISO. On October 10, 2018, the NYISO filed the proposals with the PSC and forwarded to LIPA for its consideration those proposals that would involve construction of transmission on Long Island. On January 22, 2019, the NYISO filed comments with the PSC stating that in order to achieve the State's Clean Energy Standard, additional transmission will be needed, and that further study of the need for a transmission backbone for offshore wind should be conducted in the NYISO's Public Policy Process. If the NYPSC determines that there is a need for transmission, the NYISO will solicit projects from developers to fulfill that need. (Current)

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. (Current)

EIPC:

- The Production Cost Task Force (PCTF) is scoping out a potential study that would evaluate the impacts of high renewable resource penetration on generation and transmission performance. (Current)
- Modeling Issues Working Group (MIWG) continues to discuss with NERC/ERAG the potential for EIPC to assume the Designated Entity role for managing the Eastern Interconnection model building process. (Current)