

NYISO System and Resource Planning Status Report

March 29, 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 identifies no Reliability Needs for the 2019-2028 study period. The CRP is **in progress; the first draft was presented to ESPWG/TPAS on March 6 including a draft scenario to assess potential reliability impacts from the recently posted draft DEC NOx emissions rule affecting simple cycle combustion turbines (the "peaker scenario")**. The NYISO, Con Edison and PSEG – LI, presented the draft scenario results at the March 19 TPAS/ESWPG meeting, which show that both transmission security and resource adequacy needs will arise from the deactivation of the peakers. The 2020-21 Reliability Planning Process will determine the reliability needs and potential market based and regulated backstop solutions. A complete CRP draft report including the peaker scenario will be discussed at the April 12, 2019 ESPWG/TPAS meeting. The NYISO targets the May Operating Committee and Management Committee for obtaining their recommendations for Board approval. (Updated)

Economic Planning Process (CARIS):

- The NYISO finalized the 2018 CARIS 2 base case assumptions with their presentation at the September BIC. As of December 31st, no specific 2018 CARIS 2 project proposals have been submitted. (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)
- Regarding the AC Transmission Public Policy Transmission Need, the NYISO staff's initial report recommended that the Board of Directors (Board) select the Segment A Double-Circuit project (T027) proposed by North America Transmission/NYPA, and the Segment B Base project (T029) also proposed by North America Transmission/NYPA, as the more efficient or cost-effective transmission solutions. On June 26, 2018, by an affirmative advisory vote of 80.0% with abstentions, the Management Committee recommended that the Board approve the AC Transmission Report. At its July meeting, the NYISO Board reviewed the AC Transmission Report and considered written comments and oral arguments from competing developers, and directed NYISO staff to conduct certain additional studies and analyses. After consideration of the additional analyses conduct, the Board concluded that the more efficient

cost effective solution for Segment A is Project T027. However, for Segment B the Board concluded that the most efficient or cost effective solution is Project T019 sponsored by National Grid and Transco, and directed that the draft AC Transmission Report be modified accordingly. **The modified AC Transmission Report was reviewed at two ESPWG meetings, by the NYISO's independent Market Monitoring Unit, and at the Management Committee. Written comments and oral presentations were presented to the Board at its March meeting. Upon consideration and approval by the Board, the NYISO will issue a revised report to the marketplace by posting it on its website. (Updated)**

- 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, 2018, 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 Frequency Response Task Force (FRTF) finalized the public version of the frequency response analysis report, which will be sent to the Technical Committee for approval and recommendation for Executive Committee approval. (Current)
- The Transmission Analysis Working Group is updating a Multiregional Modeling Working Group (MMWG) power flow case for the interregional transfer analysis to support future updates of the State of the Grid report. (Current)