

NYISO System and Resource Planning Status Report

April 30, 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, and the 2019-2028 CRP, currently in progress, re-confirmed this conclusion. The first draft of the CRP was presented to ESPWG/TPAS on March 6. A scenario was also performed, 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 and April 12 TPAS/ESWGW meeting. The scenario results show that both transmission security and resource adequacy needs will 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 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. **Following a detailed evaluation of the benefits and costs of the proposals, and careful**

consideration of stakeholder comments, 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. For Segment B, 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 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. (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)
- **The next Interregional Planning Stakeholder Advisory Committee (IPSAC) meeting will be held on May 13, 2019 with the following agenda:**
 - **Regional planning needs and solutions**
 - **Interconnection coordination**
 - **Process for additional stakeholder input and next steps (Updated)**

EIPC:

- **The Frequency Response Task Force (FRTF) finalized the public version of the frequency response analysis report, which has been approved by the Technical Committee and Executive Committee. (Updated)**
- **The Transmission Analysis Working Group (TAWG) conducted interregional transfer analysis, and is currently reviewing the preliminary results. (Updated)**
- **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. (Updated)**
- **Modeling Issues Working Group (MIWG) continues to discuss with NERC/ERAG the potential for EIPC to assume the Designated Entity role for managing the Multiregional Modeling Working Group (MMWG) model building process. (Updated)**