NYISO System & Resource Planning Status Report
February 5, 2021

Comprehensive System Planning Process (CSPP):

Reliability Planning Process:

- The 2020-2021 Reliability Planning Process cycle has started with the 2020 Reliability Needs Assessment ("RNA"), which is evaluating the system to determine the reliability needs and potential market based and regulated backstop solutions. The RNA base case reflects the expected future status of simple-cycle peaking turbines based on compliance plans for the DEC Peaker Rule. The RNA also includes an evaluation of potential regulatory impacts within the planning horizon, including the target of 70% of energy consumption sourced from renewable resources by 2030 ("70x30"). The NYISO presented preliminary base case findings at ESPWG on June 19, which identified resource adequacy and transmission security reliability needs in the New York City area during the 2024-2030 study period. The NYISO presented the draft RNA report for review by stakeholders culminating with presentations at the October 15 OC and October 28 MC meetings, where the report was voted on and recommended for approval. The RNA report was approved by the NYISO Board of Directors on November 17, 2020. Before soliciting solutions for the identified reliability needs, the NYISO will determine if there are updates meeting the inclusion rules that would eliminate or mitigate the reliability needs. (Current)
- The NYISO issued its first quarterly Short-Term Assessment of Reliability ("STAR") on October 13, 2020 (2020 Quarter 3). The STAR found reliability needs in 2023-2025 consistent with the RNA analysis. On December 3, 2020 the NYISO issued a solicitation for solutions in the short-term process to address the 2023 reliability needs, while the needs identified in 2024 and beyond will be addressed in the long-term reliability planning process. **The responses to the solution solicitation were due February 1, 2021. The NYISO will assess the viability and sufficiency of the proposed solutions and issue the Short-Term Reliability Process Report.** Should the NYISO determine that generators affected by the DEC Peaker Rule are needed for reliability, the NYISO will identify in the Short Term Reliability Process those units that should temporarily remain in service as provided by the DEC regulation. **The 2020 Quarter 4 STAR was issued on January 13, 2021 and concluded that there were no changes in the observed reliability needs from the 2020 Quarter 3 STAR. The 2021 Quarter 1 STAR commenced on January 15, 2021 and will be issued by April 15, 2021.** (**Updated**)

Economic Planning Process:

- The final 2019 CARIS report was published in July 2020. The study was based on the 2019-2028 Comprehensive Reliability Plan, and includes a 70x30 Scenario. (Current)
- **The NYISO received approval for the CARIS Phase II database at the December 2020 ESPWG and conceptual approval at the January 2021 BIC. Development of the Phase II database required approval of revisions to the Economic Planning Process Manual at the Business Issues Committee. With the conceptual approval at BIC, the Phase II database is now available for use in evaluation of regulated economic transmission projects and additional CARIS studies.** (**Updated**)
- The NYISO initiated an Economic Planning Process improvement effort in 2020. The NYISO drafted tariff revisions and reviewed the amendments with stakeholders in working group meetings between August and December of 2020. The NYISO presented the tariff improvements to the BIC and MC in December and received unanimous approval. **Final Board approval was received in January 2021. The NYISO is currently in the process of submitting a Federal Power Act Section 205 filing at FERC to become effective in the spring for the next cycle of the economic planning process.** (**Updated**)

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 (Case No. 18-T-0499), which was approved by NYPSC on June 16, 2020. (Current)
- The selected projects for the AC Transmission Public Policy Transmission Needs are a joint proposal by LS Power Grid New York and the New York Power Authority (NYPA) for Segment A (Central East), and a joint proposal by National Grid and New York Transco for Segment B (UPNY/SENY). **On August 20, 2019, LS Power and NYPA filed an Article VII siting application for Segment A with the NYPSC (Case No. 19-T-0549) that was approved by the NYPSC on January 21, 2021.** On October 18, 2019, New York Transco filed an Article VII application for Segment B with the NYPSC (Case No. 19-T-0684) that was deemed complete on February 10, 2020. The development agreement for Segment B was accepted by FERC on March 10, 2020, and the development agreement for Segment A was accepted by FERC on April 16, 2020. (**Updated**)
- The NYISO initiated the 2020-2021 Public Policy cycle on August 3, 2020; 15 proposals for transmission needs driven by public policy requirements were submitted by stakeholders. The NYISO filed all of the proposed needs with the PSC and submitted 11 of those needs that call for construction of transmission on Long Island to LIPA. **The PSC issued a notice soliciting public comments on the proposed bulk transmission system needs. On January 19, 2021, the NYISO filed comments in support of the PSC issuing Public Policy Transmission Needs to deliver renewable resources from upstate and offshore to customers statewide.** If the PSC identifies a Public Policy Transmission Need, the NYISO will solicit solutions. (**Updated**)

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. The Interregional Planning Stakeholder Advisory Committee (IPSAC) meeting was held on December 12, 2020. (Current)

EIPC:

- The Production Cost Task Force (PCTF) and Technical Analysis Working Group (TAWG) continue to evaluate the impacts of high renewable scenario on generation and transmission performance. (Current)