

NYISO System and Resource Planning Status Report

August 31, 2020

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 initial resource adequacy and transmission security Reliability Needs in the New York City area during the 2024-2030 study period. The NYISO will draft an RNA report for review with stakeholders through September. The NYISO is targeting final stakeholder review and approval of the RNA in October, followed by NYISO Board of Directors approval in November. Before soliciting solutions, the NYISO will determine if there are updates meeting the inclusion rules that would elimination/mitigate the identified Reliability Needs. (Current)
- FERC accepted tariff changes effective May 1, 2020 to create a Short Term Reliability Planning Process to address generator deactivations and other drivers of reliability needs, focusing on years 1-3 of the planning horizon, and to amend the Reliability Planning Process (*i.e.*, RNA) to focus on years 4-10. The NYISO commenced its first quarterly Short-Term Assessment of Reliability (“STAR”) on July 15, to be issued by mid-October 2020. (Current)

Economic Planning Process:

- The NYISO Board of Directors has approved the 2019 CARIS Phase I congestion study based on the 2019-2028 Comprehensive Reliability Plan, and includes a 70x30 Scenario. **The final step of the Phase I process, a Public Information Session, was completed and officially closes the 2019 CARIS Phase I study. (Updated)**
- Phase II of CARIS has begun with updating the database. Results will be reviewed with stakeholders by the end of 2020. (Updated)
- The NYISO has initiated an Economic Planning Process improvement effort. The NYISO will work with stakeholders via ESPWG to pursue tariff revisions through the remainder of 2020. (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) (Project T027) for Segment A (Central East), and a joint proposal by National Grid and New York Transco (Project T019) 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 deemed complete by the NYPSC on December 18, 2019. 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. (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. On October 10, 2018, the NYISO filed proposals from 15 entities 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)
- The NYISO initiated the 2020-2021 Public Policy cycle on August 3, 2020; proposals for transmission needs driven by public policy requirements are due October 2, 2020 and will subsequently be filed with the PSC. (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) and Technical Analysis Working Group (TAWG) continue to evaluate the impacts of high renewable scenario on generation and transmission performance. (Current)