

NYISO System and Resource Planning Status Report

January 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 will evaluate the system to determine the reliability needs and potential market based and regulated backstop solutions. The RNA will include 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 the preliminary schedule and proposed scenarios at the January 23 ESPWG/TPAS meeting. The NYISO targets stakeholders meetings in February, March and April to present study assumptions, and June for preliminary results. (Updated)**
- **Local Transmission Plans (LTPs) were presented by the Transmission Owners at ESPWG meetings in October and November. (New)**
- **In preparation for the Reliability Planning Process, the Operating Committee approved updated base case inclusion rules and other procedures in a revised Reliability Planning Process Manual. (Updated)**
- **The Management Committee and the NYISO Board of Directors have approved tariff changes 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 to focus on years 4-10. (New)**

Economic Planning Process (CARIS):

- **The NYISO finalized the 2018 CARIS 2 base case assumptions with its presentation at the September 2018 BIC. As of this report, no specific 2018 CARIS 2 project proposals have been submitted. (Current)**
- **The NYISO continues the study work on the 2019 CARIS Phase I congestion study based on the 2019-2028 CRP. Base Case assumptions and preliminary results were presented at October and November 2019 ESPWG meetings, while the assessment of the 70x30 scenario is ongoing. Stakeholder discussions of the 70x30 scenario will begin in February. (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). (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). On October 18, 2019, New York Transco filed an Article VII application for Segment B with the NYPSC (Case No. 19-T-0684). The development agreement for Segment B was fully executed on January 10, 2020, and the development agreement for Segment A is progressing. (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, 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) and Technical Analysis Working Group (TAWG) continue to evaluate the impacts of high renewable scenario on generation and transmission performance. (Current)