

NYISO System & Resource Planning Status Report

January 31, 2022

Comprehensive System Planning Process (CSPP):

Reliability Planning Process:

- On December 3, 2021, the NYISO published the 2021-2030 Comprehensive Reliability Plan (“CRP”), which contains several scenarios dedicated to the impacts of additional renewable resource and climate change policies. The CRP report, appendices, and fact sheet have been published on the NYISO website at <https://www.nyiso.com/library>. (Current)
- **The NYISO has begun gathering data and inputs for its 2022 Reliability Needs Assessment (“RNA”), which will begin in April with completion targeted for November 2022. The RNA baseline evaluation, from which actionable Reliability Needs are identified, will consider firm plans for facility additions, modifications, and retirements through 2032. In addition, the NYISO together with stakeholders will consider additional criteria and scenarios to identify reliability needs and provide information on reliability challenges to better consider the difficult operating conditions expected as the grid transitions to meet state energy policy requirements. (New)**
- **The 2021 Quarter 4 STAR, completed on January 13, 2022, found no bulk reliability needs through the five-year study period. The 2022 Quarter 1 STAR commenced on January 15, 2022 and will be issued by April 15, 2022. (Updated)**

Economic Planning Process:

- The NYISO has begun the new 2021-2040 System & Resource Outlook. The Base Case and Contract case and results are currently being presented to stakeholders while the Policy Case is under development. Modeling and analysis will continue through early 2022 with the findings and report to be issued by mid-2022. (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. The PSC approved NextEra’s Article VII siting application in August 2018 and NextEra commenced construction in March 2021. The project is on schedule to commence service in June 2022. (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). In January and February 2021, the PSC approved the Article VII siting applications for Segment A and Segment B, and construction commenced on both projects in

February 2021. The projects are on schedule to commence service in December 2023. (Current)

- On March 18, 2021, the PSC issued an order finding that the state Climate Leadership and Community Protection Act (CLCPA) constitutes a Public Policy Requirement driving the need for:
 - Adding at least one bulk transmission intertie cable to increase the export capability of the LIPA-Con Edison interface, which connects NYISO's Zone K to Zones I and J, to ensure that the full output from at least 3,000 MW of offshore wind is deliverable from Long Island to the rest of the state; and
 - Upgrading associated local transmission facilities to accompany the expansion of the proposed offshore export capability.

Following completion of baseline and scenario assessments and cases, the NYISO issued the project solicitation on August 12, 2021. The NYISO received 19 Public Policy Transmission Projects from four developers on October 11, 2021. The NYISO will evaluate the viability and sufficiency of solutions to meet the need and may select the more efficient or cost-effective transmission solution to meet Public Policy Transmission 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. The Interregional Planning Stakeholder Advisory Committee (IPSAC) meeting was held on December 10, 2021. A special IPSAC meeting was held on October 29, 2021, to discuss stakeholder comments requesting that the JIPC conduct a study on potential interregional transmission projects for the integration of offshore wind. JIPC members will participate in DOE's Atlantic Offshore Wind Transmission Study, which started in December. (Current)

EIPC:

- EIPC has issued a white paper on "Planning the Grid for a Renewable Future" that identifies challenges and offers recommendations to ensure the reliability of the transmission grid as system operators work to integrate an increasing level of renewable resources. The paper is posted at:
<https://eipconline.com/s/EIPC-Hi-Renewables-WHITE-PAPER-FINAL-FOR-POSTING-10-5-21.pdf> (Current)
- EIPC has completed its recent State of the Grid report, summarizing current and future activities of EIPC. The report is posted on the EIPC webpage (<https://eipconline.com/>). (Current)
- The Production Cost Task Force (PCTF) and Technical Analysis Working Group (TAWG) continue to evaluate the impacts of a high renewable scenario on generation and transmission performance. (Current)