NYISO System & Resource Planning Status Report
May 31, 2022

Comprehensive System Planning Process (CSPP):

Reliability Planning Process:

- The NYISO commenced the 2022 Reliability Needs Assessment ("RNA") 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. (Current)
- The 2022 Quarter 1 STAR completed April 15, 2022 found no bulk reliability needs through the five-year study period. However, National Grid observed generator deactivation reliability needs on their non-BPTF system beginning in summer 2022 that are resolved by the retention of the Sithe Batavia generating unit until January 15, 2023. National Grid informed the NYISO that the Sithe Batavia generator will not be needed beyond the 365-day generator deactivation notice period based upon National Grid's planned local upgrades in conjunction with its operating procedures. On April 25, 2022 Seneca Power Partners, L.P. withdrew its deactivation notice for the Sithe Batavia generator. The 2022 Quarter 2 STAR commenced on April 15, 2022 and will be issued by July 14, 2022. (Current)

Economic Planning Process:

- The NYISO is currently developing the new 2021-2040 System & Resource Outlook. The scope of the 2021-2040 System & Resource Outlook includes development of advanced planning models to simulate 20-years of power system and energy market performance, and presentation of analytical findings through a comprehensive report. The Base Case and Contract case results were presented to stakeholders between November 2021 and February 2022. **The Policy Case, which includes capacity expansion and production cost modeling has been completed with results being reported to stakeholders through June 2022. The Outlook draft report is being developed and will be reviewed with stakeholders through July 2022and will be published in Q3 2022. (Updated)**

Public Policy Transmission Planning Process:

- NextEra Energy Transmission New York, Inc. commenced construction of its Empire State Line Proposal 1 for the Western NY Public Policy Transmission Need in March 2021. The major 345 kV transmission components went into service in May 2022. The project is on schedule for completion 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). 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 in August 2021. The NYISO received 18 Public Policy Transmission Projects and 1 Other Public Policy Project from four developers in October 2021. The NYISO determined that 16 transmission projects are viable and sufficient to fulfill the Long Island Export Need, and filed the Viability and Sufficiency Assessment at the PSC. **The developers of all 16 viable and sufficient transmission projects elected to proceed to the next phase of the process where the projects will be evaluated and ranked for efficiency or cost-effectiveness.** The NYISO Board of Directors may then select the more efficient or cost-effective transmission solution to meet the Public Policy Transmission Need. **(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 10, 2021. The JIPC has posted the draft 2021 Northeast Coordinated System Plan in May for stakeholder comment. JIPC members are participating in DOE's Atlantic Offshore Wind Transmission Study, which started in December. An IPSAC meeting was held on May 16, 2022. (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)

- 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)