

# NYISO System and Resource Planning Status Report

## November 29, 2019

### Comprehensive System Planning Process (CSPP):

#### Reliability Planning Process:

- The 2018-2019 cycle of the Reliability Planning Process (RPP) has been completed. The 2018-2019 RPP highlights:
  - The RPP's first phase, the 2018 Reliability Needs Assessment (RNA), was approved by the NYISO Board of Directors on October 16, 2018. The 2018 RNA report identified no Reliability Needs for the 2019-2028 study period.
  - The 2019-2028 Comprehensive Reliability Plan (CRP), was approved by the NYISO Board of Directors on July 2019 and re-iterated the RNA's conclusion that there are no Reliability Needs, along with identifying risk factors.
  - As part of the CRP, a scenario was performed jointly by NYISO, Con Edison, and PSEG Long Island to assess potential reliability impacts from the draft DEC NOx emissions rule affecting simple cycle combustion turbines (the "peaker rule"). The scenario results show that both transmission security and resource adequacy needs would arise from the deactivation of the peakers.
- The 2020-2021 Reliability Planning Process cycle will further evaluate the system to determine the reliability needs and potential market based and regulated backstop solutions. This will include an evaluation of potential regulatory impacts within the planning horizon, including the target of 70% of energy consumption sourced from renewables by 2030 ("70x30"). (Current)
- **Local Transmission Plans (LTPs) have been presented by the Transmission Owners at ESPWG meetings in October and November. (Updated)**

#### 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 to work on the 2019 CARIS Phase I base case, which is based on the 2019-2028 CRP. The NYISO is making ongoing presentations at ESPWG meetings with regard to base case assumptions and preliminary results. The CARIS report will include a scenario regarding the 70x30 state policy requirement. (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). The selected developers are responsible for entering into an agreement with the NYISO for the development of their transmission projects, and for submitting the projects to appropriate governmental agencies and authorities to obtain approvals to permit, site, construct, and operate them. On August 20, LS Power and NYPA filed the Article VII application for Segment A with the NYPSC (Case No. 19-T-0549). On October 18, 2019, New York Transco filed the Article VII application for Segment B with the NYPSC (Case No. 19-T-0684). (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. 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)
- **The next Interregional Planning Stakeholder Advisory Committee (IPSAC) meeting will be held on December 9, 2019 to discuss regional planning needs and solutions, interconnection coordination, and scope of the 2019 Northeast Coordinated System Plan. (Updated)**

### **EIPC:**

- The Production Cost Task Force (PCTF) is scoping out a potential study that would evaluate the impacts of high renewable resource penetration on generation and transmission performance. (Current)
- Modeling Issues Working Group (MIWG) continues to discuss with NERC/ERAG the potential for EIPC to assume the Designated Entity role for managing the Eastern Interconnection model building process. (Current)
- EIPC issued a report on the 2028 Summer and Winter Roll-Up Integration Cases, which describes the efforts undertaken to coordinate transmission planning activities among the regions. (Current)