

2022 Interim Area Transmission Review (ATR)

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2022 Interim ATR

- **ATRs are performed on an annual basis for conformance with Northeast Power Coordinating Council (NPCC) and the New York State Reliability Council (NYSRC) criteria**
 - Although this ATR assessed the Bulk Power Transmission Facilities (BPTF), only BPS facilities are subject to NPCC Directory #1 and the NYSRC Reliability Rules
- **The study year for this assessment is 2027**
- **The previous comprehensive ATR of the New York State BPTF was performed in 2020 (for the planned year 2025), and approved by the NYSRC in June 2021 and by the NPCC Reliability Coordinating Council (RCC) in May 2021**
- **In 2021 the NYISO performed an interim ATR which was approved by the NYSRC as well as NPCC RCC in November 2021**

ATR Study Assumptions

■ Generation Assumptions

- As compared to the 2020 Comprehensive ATR
 - No significant changes in deactivations compared to the prior Comprehensive ATR (CATR)
 - Over 1,600 MW of new renewable generation is included in this assessment as compared to the prior Comprehensive ATR

■ Transmission Assumptions

- No significant changes in planned existing or future AC transmission compared to the prior CATR
- This assessment includes the NS Power Express HVDC project connecting Hydro Quebec to NYC (1,250 MW)

■ Load Assumptions

- No significant changes in assumptions compared to the prior CATR
 - Load forecast decreased 419 MW

2020 Interim ATR – NPCC/NYSRC Requirements

- **Steady State and Stability Transmission Security Assessment**
- **Short Circuit Assessment**
- **Extreme Contingency Assessment**
- **Extreme System Condition Assessment**
- **Assessment of impacts of planned system expansion or reconfiguration plans on the NYCA system restoration plan**
- **Review of Special Protection Systems / Remedial Action Schemes**
- **Review of exclusions to NPCC Directory #1 criteria**

Conclusion

- **The New York State BPTF as planned through 2027, conforms to planning reliability criteria described in NPCC Directory #1 and NYSRC Reliability Rules**

Questions?

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation