

Updates to RNA Preliminary ("1st Pass") Transmission Security Dynamics Reliability Needs

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Summary of 2022 RNA Preliminary Transmission Security Findings

- Preliminary 2022 RNA transmission security reliability needs discussed with stakeholders at the July 1, 2022 ESPWG/TPAS meeting (here)
 - The preliminary findings observed under 2032-33 winter peak conditions:
 - Steady state low voltages at the Porter 115 kV bus for various N-1-1 combinations
 - Dynamic stability issues around the Niagara 345 kV substation (both N-1 and N-1-1)
 - Under daytime light load conditions, steady state high voltages are observed in the PSEG-LI service territory under various combinations of contingencies
- The updates regarding the low voltages at the Porter 115 kV bus and daytime light load issues were discussed with stakeholders at the August 1st TPAS/ESWPG (here).



Update on Winter Peak Findings

Dynamic Stability

- For the dynamic stability issues observed under winter peak, the Transmission Owners reviewed the event definition files and found that the corresponding clearing times had assumed conservative values
- Adjusting the clearing times to their actual values eliminated the observed reliability issues

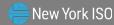


Conclusion

 There are no transmission security needs to be addressed through the Reliability Planning Process for this RNA



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

