

2021-2030 CRP

Kevin DePugh – Sr. Manager, Reliability Planning

Laura Popa – Manager, Resource Planning

Keith Burrell – Manager, Transmission Studies

ESPWG/TPAS

September 2, 2021

Agenda

- RNA and Post-RNA
- 2021-2030 Comprehensive Reliability Plan (CRP) Report
- Schedule

RNA and Post-RNA Conclusions

Post-RNA Base Case Key Updates

- **The load forecast update, as presented at the November 19, 2020 ESPWG/TPAS/LFTF meeting [\[link\]](#)**
 - Specifically, Zone J peak load forecast decreased by 392 MW in 2030
- **LTP updates as presented by Con Edison at the January 25, 2021 ESPWG/TPAS [\[link\]](#):**
 - A new 345/138 kV PAR controlled 138 kV Rainey – Corona feeder
 - A new 345/138 kV PAR controlled 138 kV Gowanus – Greenwood feeder
 - A new 345/138 kV PAR controlled 138 kV Goethals – Fox Hills feeder
- **STRP solution for addressing the 2023 short-term need [\[link\]](#)**
 - Series Reactors (SR) status changes, starting summer 2023, through 2030:
 - Placing in service the SR on the following 345 kV cables: 71, 72, M51, M52
 - Bypassing the SR on the following 345 kV cables: 41, 42, Y49

Post-RNA Conclusions

- All resource adequacy and transmission security Reliability Needs are resolved
- No need to solicit for solutions

CRP Report

CRP Report

- **The CRP Draft Report, posted for this September 2 TPAS/ESPWG, summarizes the post-RNA updates, results, and the overall conclusion that there is no Reliability Need on the BPTF over the Study Period**
- **The CRP Report also includes the results of additional scenarios and white papers, such as:**
 - Risk Factors and Safeguards to the Plan
 - Market Design for a Grid in Transition
 - Road to 2040
 - 70x30 Wind Lull
 - 70x30 Dynamic Stability
 - Sudden Loss of Offshore Wind
 - Short Circuit Ratio
 - Voltage Flicker

Schedule

Next Steps

- **Stakeholders' comments on the CRP draft are due by September 9, 2021**
 - To: lpopa@nyiso.com, kdepugh@nyiso.com
- **September/October: ESPWG/TPAS review**
- **October: Market Monitoring Review and OC and MC review and vote**
- **November: NYISO Board of Directors action**

Our mission, in collaboration with our stakeholders, is to serve the public interest and provide benefit to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policymakers, stakeholders and investors in the power system



Questions?