

# 2020 RNA Base Case Updates

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**ESPWG/TPAS**

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# Background

- This presentation summarizes the 2020 RNA inclusion rules updates after the 1<sup>st</sup> pass results presentation on June 19, 2020
- The objective of providing stakeholders the 1<sup>st</sup> pass Reliability Needs is to offer an opportunity, prior to the final RNA, for stakeholders' input regarding updates in projects and plans, which may mitigate any identified 1<sup>st</sup> pass Reliability Needs
  - To minimize unnecessary solutions solicitation
- The 1<sup>st</sup> pass Base Case results June 19, 2020 ESPWG [presentation](#) identifies transmission security and resource adequacy BPTF reliability criteria violations

# Preliminary vs. Final Reliability Needs: Process Description

- **In finalizing the Reliability Needs, changes that occurred since the 1<sup>st</sup> pass RNA assumptions and that could reduce or eliminate the 1<sup>st</sup> pass Reliability Needs, will be considered, such as:**
  - Updated LTPs that may impact the Reliability Needs
    - If any pertinent LTP updates, then the Transmission Owners were asked to present updates at either June 29, or July 6 ESPWG/TPAS meetings
    - The NYISO will present other updates at the same meetings
  - Changes in BPTFs
  - Change in resources such as generating unit status or authority to operate in current equipment configuration past a date certain (e.g., due to a new or amended environmental law or regulation)
  - Change in load forecast or demand response resources
- **Changes must meet the inclusion rules**

# Updates and Conclusions

- **The NYISO did not receive further LTP updates for the RNA**
- **Generator deactivations:**
  - Glenwood GT 01 (Zone K, 16 MW (nameplate)) proposing to Retire
    - On July 14, 2020, the NYISO posted a complete Generator Deactivation Notice proposing to Retire
    - This deactivation will be modeled in the first quarterly Short Term Assessment of Reliability (STAR), which commenced on July 15
    - The unit remains modeled out-of- service in the RNA
  - Albany LFGE (Zone F, 5.6 MW (nameplate))
    - On July 12, 2019 the NYISO posted a complete unit completed their Generator Deactivation Notice proposing to Retire and the unit was modeled out for the RNA Study Period
    - July 1, 2020 the unit transitioned to ICAP Ineligible Forced Outage (IIFO)
    - The unit remains modeled out-of- service in the RNA
- **The resources changes do not reduce or eliminate the 1st pass Reliability Needs, and therefore did not require Base Case updates or additional modeling**

# Next Steps

# RNA Next Steps

- June 19 ESPWG/TPAS: presented preliminary (“1<sup>st</sup> pass”) RNA results
- July 6 ESPWG/TPAS: Transmission Owners and NYISO’s presentations of projects status updates, relevant to mitigating the identified 1<sup>st</sup> pass Reliability Needs, if any
- July 6, 2020: lock down assumptions for final RNA
- July 23 ESPWG/TPAS: 2<sup>nd</sup> pass assumptions and RNA scenarios preliminary results
- **August-September ESPWG/TPAS: review final results and draft the RNA report**
  - Sept 24 ESPWG/TPAS – target for obtaining ESPWG/TPAS recommendation for OC and MC concurrence
- **October 15 OC & October 28 MC: Market Monitoring Unit review and OC and MC votes**
- **November: NYISO’s Board of Directors approval and publishing of final RNA Report**

# Post-RNA Base Case Updates and Solicitation

- **Dec. 1, Dec. 11 ESPWG/TPAS, as needed:**
  - Stakeholders’ presentations of project status updates (e.g., local transmission plans, generation additions, demand changes), that may reduce or eliminate the Reliability Needs noted in the final RNA.
    - Updates must meet the inclusion rules
- **December 2020**
  - The NYISO re-evaluates the status updates and, if necessary, presents updated Reliability Needs
- **January 2021**
  - NYISO issues solicitation of solutions to remaining Reliability Needs; responses due within 60 days from the Solicitation Letter
  - Developers submitting solutions must be qualified via the applicable NYISO qualification process: Reliability Planning Process Manual 26 Attachment A, Attachment B, Attachment C

# Short-Term Reliability Timeline



# Short-Term Reliability Process

- **Short-Term Assessment of Reliability (STAR)**
  - First quarterly assessment commences July 15, 2020
  - First STAR Report will be issued by October 13, 2020
  - Assessment will look at years 1 – 5 (2021-2025), but focus on years 1 – 3 (2021-2023)
- **RNA will assess years 4 – 10 (2024-2030)**

# Questions?

# 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

