



Benchmark GMDVA and Market Notice Response Update

Transmission Planning Assessment
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Updates

- Model corrections and updates made
 - Update: Additional model corrections to correct normally open lines in the cases based on TSP feedback
- One low voltage violation found in the SUM case
 - Update: This bus was islanded with the model corrections above
- No potential cascading for BES
- Preliminary test – Supplemental GMD event applied to GIC system model with benchmark GMD outages

Market Notice Background

- Market Notice M-A062118-07 PGRR requested Resource Entities and Transmission Service Providers (TSPs) to provide a list of potential equipment that may be removed from service as a result of Protection System operation or misoperation due to harmonics that could result from the supplemental GMD event
- This list of potential equipment outages will be incorporated into the ERCOT Supplemental GMD Vulnerability Assessment
- ROS approved document titled “Methodology for Assessing GMD Impacts on ERCOT Power Systems” can be used as a reference to assess equipment
- The Market Notice was sent out on October 9, 2020
- The deadline for Resource Entities and TSPs to submit the list of potential equipment outages was set for December 31, 2020

Updated Statistics on Response to the Equipment Outage Request for the Supplemental GMD Event

- Three TSPs have not submitted any response to the Market Notice
- Responses have been received for 48% of resource sites
- ERCOT has reached out to all TSPs who have not submitted a response
- ERCOT will reach out to the rest of the Resource Entities who have not submitted a response

Questions?

Please send any questions or comments to
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