



2022 GMD Assessment

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Update on GMD Assessment

- Version 5 of the assessment included an error on most of the grounding resistances being omitted.
- This has been corrected, and a new version 6 has been posted.

Assumptions

- Cases used 23HS4 and 23LW1 operating cases
 - Posted 23HS4 Operating Case had bad GMD values
 - Replaced all GMD data with data we have on hand
- Estimated data was provided by the GE PSLF tool
 - Used estimated data for transformer over 100 kV on both sides
 - Used estimated data for any shunt over 100 kV
- Used the GMD data from the 23HS4 case for the 23LW1
- Used provided RCSEC values for branches that were in the spreadsheets

Posted on WECC Website

- Max Eff GIC for Trans 23 HS_LW v6 (Benchmark/Supplemental)
- GMD Power Flow Cases 23 HS_LW v6
- Estimated data used for 23 HS_LW v6
- Solved PF Case for 23HS_LW for storms of 0 to 150 degrees (every 30 degrees)
 - GE EPC files have also been posted
- GIC_T 23hs 23lw v6 (Benchmark/Supplemental)



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