PGDTF Meeting

Tuesday, January 12, 2021

9:29 AM

**Review of November’s meeting minutes**

* Meeting minutes finalized with no comment.

**PGDTF Leadership for 2021**

* Chair: Chu Liang – WETT
* Vice-Chair: Jorge Canamar - Sharyland

**TPL-007-4 R4 Benchmark GMD Vulnerability Assessment**

* One low voltage violation found in the SUM case
* Ping (ERCOT) - Plan to finalize the benchmark and supplemental studies all together by 12/31/2021. The CAP should be optimized between the two different events.
* ERCOT still working on resolving one low voltage violation. The plan is to finalize by the end of the year.

**TPL-007-4 R7 Develop CAP for Benchmark GMD Events**

* Does ERCOT envision a CAP for the current benchmark GMD events?
* Ping (ERCOT) - This will be determined by the end of the studies.

**TPL-007-4 R8 Supplemental GMD Vulnerability Assessment**

* ERCOT is still compiling the responses to assess whether they have all the data required for the supplemental event analysis.
* One transformer exceeded the threshold. ERCOT is waiting for information on this transformer.
* The kickoff for the supplemental event analysis should be in Q2 2021

**Steady state voltage performance criteria for supplemental GMDVA**

* Suggested 0.88 pu - 1.05 pu draft criteria for load serving buses 100 kV and above
* ERCOT - based on the results they have so far, they don't think we need to revise the voltage performance criteria. Would rather keep the same criteria as used on the benchmark event analysis.

**Frequency and working group to update GIC models**

* Majority supports the current standard of developing model every 60 months
* Encourage TSP to have this discussion internally and have feedback regarding this topic in the March meeting
* Working groups to consider taking on the modeling responsibility SSWG, SPWG, DWG, PGDWG
* Walter Reid (APA) - there would not be enough work to warrant a new working group. However, we should make sure that whoever attends the meetings at this working groups are aware and knowledgeable on the subject of GMD.
* To be discussed further in March. SSWG and SPWG leadership will be invited.

**Federal and State level GMD Activities**

* We encourage all TSPs to attend meetings regarding GMD on the federal and state level
* NERC GMDTF
* Monitor GMD related activities at FERC, IEEE and EPRI
* Larissa (CenterPoint) - has anyone within the task force downloaded the EPRI tool yet that can share their experience?
* Amjed has used the previous version, and found a few errors trying to use it. EPRI was made aware and responded those would be resolved with the 2.0 version which has been released.

**Other Business**

* Amjed (ONCOR) - steel encased ground cables we set the induced voltage to 0. In the latest TPL version that was removed. Has it been moved to a different document, should we reintroduce it to the standard?
* Eric (ERCOT) - will review the standard and respond back.

**Future Meeting**

* Next meeting will be held on March 16, 2021.

**Rollcall January 12th, 2021**

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| **Attendee** | **Company** | **Attendee** | **Company** |
| Chu Liang | WETT | Jorge Canamar | Sharyland |
| Bob Wittermeyer | BEPC | Aster Amahatsion | AEP |
| Ping Yan | ERCOT | Eric Meier | ERCOT |
| Lori Thompson | ERCOT | Doug Evans | STEC |
| Phil Bracy | ERCOT | Christian Danielson | EPE/REC |
| Jianhui Zhang | AEN | Ramya Nagarajan | CTT |
| Jun Li | CenterPoint | Walter Reid | APA |
| Omer Siddiqui | CPS | Larisa Loyferman | CenterPoint |
| Takayuki Ito | AEP | Amjed Kandah | ONCOR |
| Minnie Han | ERCOT | Omar Urquidez | BMCD |
| Charles Gibune | DNV GL | Chenyan Guo | Lone Star |
| Brian Hithersay | BEPC |  |  |