Distribution Resiliency Working Group

Website: <https://sagroups.ieee.org/distreswg/>

JTCM 2023

1-10-2023, 1PM-3PM EST

Jacksonville, Florida

Notes:

Gary Huffman opened the meeting.

Quorum was established.

Gary and Masoud provided information on membership.

Gary provided some information on becoming a voting member. This is critical to maintaining the quorum in future meetings.

Gary reviewed IEEE Copyright and Patent Policies before proceeding onto Working Group business. Gary explained the IEEE Copyright and Patent policies and made a call regarding patent claims: No patent claims were presented.

Meeting was handed over to Shikhar to start the discussion on Distribution Resiliency Task Force.

Shikhar mentioned the monthly meetings that the task force holds to go over the progress of guide development. We need to leverage the work that has been already done in DRWG. We are looking for volunteers for all chapters. Masoud went over the materials in Chapter 2. For Chapter 3, Shikhar provided some introductory materials and Ali talked about the activities done under Chapter 3. Suggestion from Mark to change the title of Chapter 3 since weather-related events are not the source of all resilience issues. Shikhar talked about the activities under Chapter 4. Heide talked about the relationship between reliability and resiliency. The overlap between reliability and resiliency was highlighted. Shikhar talked about the extreme event survey results. Chapter 7 summarizes some use cases and resiliency studies. Sal suggested changing Use Case to Case Study. Gary mentioned that we need to validate the developed metrics by these case studies. Shikhar summarized the latest achievements so far and the plans for the next 6 months.

Shikhar talked about the definition of resilience created by Mark. Mark gave an overview of the definition and why the specific terms were selected. The definition can be found in the guide draft:

*The capability of electric power distribution systems to deliver electric energy to end-use customers and recover this capability following exposure to high impact low frequency events.*

The team has decided to take out the weather from the definition since not all of the events are weather related.

There was feedback that definition does not consider adaptation and hardening (proactive actions). Heide mentioned that these are strategies and should not be included in the definition.

Daniel Anderson from the EPC company Black & Veatch presented on Distribution System Geospatial Data Standardization & Innovation. The presentation focused on the challenge overview, GRIP funding opportunity, existing distribution standards, and solution overview. He talked about IEC 61968 and benefits of asset data standardization.

Sal made a motion to adjourn, and John Hofman seconded.