

Agenda Dist. Res. WG January 15, 2020

I. Call to Order WG (11:00 AM - 12:00 PM)

A. Introductions (WG Membership / Attendance)

B. Officer Assignment / Election

1. Chair: Brett Efaw @ Idaho Power
2. Vice-Chair:
3. Secretary:
4. Webmaster:

C. IEEE Transactions on Power Delivery Special Edition

- A. Resilience-Oriented Protection, Control and Monitoring Systems for Power Grids
- B. Full paper deadline is May 1, 2020

Agenda Dist. Res. WG January 15, 2020

Review Proposed WG Scope

Review PAR: Standard for the Definition of Resiliency and Measuring the Resiliency of the Electrical Distribution System (Brandy Gobert @ ComEd)

(Time Permitting) Review System Availability data from 2008-2019 for an IOU in the Western U.S. (Brett Efaw @ Idaho Power)

Proposed WG Scope

- Describe and quantify resiliency for electric distribution systems. Gather common methods and applications utilities can perform to improve distribution system resiliency prior to and following extreme natural events and/or environmental conditions.
- Topics for describing utility activities include system design and implementation, hardening efforts, inspections and maintenance activities, and response considerations. Out-of-scope topics include cyber-security and deliberate physical-security attacks.

Title: Guide for the Definition of Resiliency and Measuring the Resiliency of the Electrical Distribution System

- **Scope:** This guide provides the definition of resiliency. It will also cover how to measure and report the resiliency metrics for the electric power distribution systems.
- **Purpose:** The Nation's infrastructure relies heavily on electricity and we need to not only improve reliability but also resiliency of the grid. Without electricity the Nation would come to a halt. By building a more resilient infrastructure the electric utilities would have the ability to anticipate, prepare for, and adapt to changing conditions like customer expectations, climate change, and heavy Distribution Energy Resource (DER) penetration. The electric system needs to withstand, recover, and minimize the interruptions and duration of disruptive extreme events. The resilience of the system should include the ability to withstand and recover from deliberate attacks, accidents, or naturally occurring threats or incidents.