

Working Group on Switching & Overcurrent Protection
2007 IEEE/PES WTM
January 8th, 2007
Minutes
Orlando, Florida

Charlie Williams, *Chair*, (cwilliams@sandc.com) called the meeting to order at 11:00 AM with 34 members and guests present.

1. The IEEE required slides for Working Groups were presented.
2. The minutes of the June 20, 2006 WG meeting were reviewed.
3. The Network Tutorial is now planned for the IEEE PES T&D Meeting in Chicago in April 2008.
4. Jim Burke volunteered to develop the first draft of the Scope and Purpose for the PAR for the Distribution Overcurrent Protection Guide.
5. The following objectives / outline for the Guide were discussed:

Objectives for Overcurrent Protection:

- Clear Temporary and Permanent Faults
- Isolate Permanent Faults to Small Area
- Description and Characteristics of Fault Causes / Mechanisms

Protection Schemes (Provide details of purpose, description of schemes, implementations and suggested hardware.)

- Fuse Blowing
- Fuse Saving
- Trip Saving
- Adaptive
- Primary Network

Design and Application Criteria

- Devices / Schemes
- Settings
- OH vs. UG
- Equipment Protection
- Protective Device Characteristics

A recent CRN document "Sectionalizing in the 21st Century" would be a good source document for this section. Bob Saint will check on its availability for the WG.

Equipment

- Breakers
- Reclosers
- Sectionalizers
- Fuses
- Electronic Fuse
- Current Limiting Fuse

Economic Justification

- Fuse vs. Recloser
- Value of Reliability - \$/SAIDI or CMI Improvement
- When / Where to Apply

Next Steps:

A draft Scope / Purpose for the PAR will be prepared and circulated to the WG for comments.

The meeting was adjourned at 12:00 noon.

Submitted by:

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