

SYSTEM PROTECTION WORKING GROUP REPORT TO ROS FOR THE MONTH OF AUGUST 2011

The System Protection Working group (SPWG) held its scheduled meeting on July 21-22, 2011. The following topics relevant to the ROS were discussed:

- 1) This was the first year that the present and future short circuit cases were built using the ASPEN OneLiner program. Aside from some “learning curve” issues the process went quite smoothly. There appeared to be no undesired effects on the processes used by the TSPs that do not use ASPEN internally.
- 2) Sam Woolard of TNMP made a presentation on the events of 4/26/2011 and 5/27/2011 in the Texas City area. The system one lines and sequence of events records were reviewed and discussed. Contaminated insulators appeared to be the cause for the initiation of the faults. Mr. Woolard discussed TNMP’s plans for mitigating the misoperations which included relay replacements, setting changes, and procedural changes.
- 3) There was discussion about finding a mechanism within the ERCOT structure to allow for technical communications between generators and TSPs at the working group level. There are some issues (e.g. misoperations reporting, modeling data requirements) that are discussed and implemented within the SPWG but have effects on generators. It would seem that there should be a venue where they can have inputs to processes that affect them.
- 4) Curtis Crews of TRE gave a presentation on common inconsistencies in misoperations reporting. This is helpful in ensuring the accuracy and consistency of such reports.
- 5) SPWG will be submitting NOGRR69 (Relay Misoperation Reporting) and a PGRR for Short Circuit Database Development.