ERCOT System Protection Working Group (SPWG)

monthly report to

ERCOT Reliability Operation Subcommittee (ROS)

March 8, 2012

**SPWG meetings since last ROS meeting:**

SPWG has not met since the last ROS meeting on 2/16/12.

The next SPWG meeting will be held on 7/19/12 & 7/20/12.

**Current group activity:**

Current Year short circuit case building

* Currently on pass 3 of 4
* Target completion date: 3/23/12

Future Year short circuit case building will start on 4/2/12 with a target completion date of 6/22/12

* A 5th year short circuit case will be built for the first time this year

*“Short Circuit Study Guidelines for New Generation Interconnections”* document

* SPWG edited draft document at Feb. mtg. and provided feedback to ERCOT staff, 2/16/12
* Further edits may be warranted based on ERCOT feedback

*“SPWG Procedures”* document

* SPWG edited draft document at Feb. mtg. and submitted to ERCOT staff for comment, 2/16/12
* Further edits may be warranted based on ERCOT feedback

*“ERCOT System Protection Working Group Examples of Applying IEEE Transmission Protective Relay System Performance Measuring Methodology (k-Factor)”* document

* Reference document to help with consistently reporting relay misoperations.
* Fifteen event examples included; additional examples may be added for reference as needed.

*“Tie Line Relay Coordination Checklist”* document

* Checklist for relay setting coordination on tie lines.
* Document being edited with input from SPWG.

SPWG is considering two changes to the Nodal Operating Guides; sections 2.3.1.2 & 2.6.1 (clarify UFLS relay requirements) and section 6.2.2 (misc. clean-up).

SPWG members participated in the PLWG meeting on 2/29/12 to discuss the topic of cross-triggering among the SSWG/SPWG/DWG cases and how to best maintain synchronization during error discovery or project scope changes.

Submitted by Kris Koellner, SPWG 2012 Chair, 3/2/12