ERCOT System Protection Working Group (SPWG)

monthly report to

ERCOT Reliability Operation Subcommittee (ROS)

February 14, 2013

**SPWG meetings since last ROS meeting:**

SPWG last met on 11/5/12 & 11/6/12. Draft meeting notes and action items were distributed to the membership on 11/20/12. The SPWG 2013 meeting calendar was developed & [posted](http://www.ercot.com/content/committees/board/tac/ros/spwg/keydocs/2012/ERCOT_SPWG_2013_Calendar_11-06-2012.doc). The 2013 CY & FY short circuit case building schedule was developed and has begun. Major topics of discussion at the November meeting included: FERC Order 754, interconnection study short circuit guidelines, RARF data needs & utilizing RARF data in the short-circuit cases, the 2013 short-circuit case building process, relay remote access best practices/challenges, 345kV event model validation, generator model validation efforts by ERCOT, relay misoperation trends as reported by TRE, and an update on NERC PRC standards activities. Nominees for the SPWG 2013 Chair (Danny Ee, Austin Energy) and Vice-chair (Andrew Mattei, Brazos Electric Power Cooperative) have been identified.

**Current group activity/updates:**

SPWG has drafted [NOGRR107](http://www.ercot.com/mktrules/issues/nogrr/101-125/107/index) to clarify disturbance monitoring requirements. Section 6 of the Nodal Operating Guides will be impacted. OWG reviewed the NOGRR at their meeting on 12/19/12 and again on 1/28/13 and recommended approval.

Pass 1 of the Current Year (CY) short circuit case building process is due 2/1/13. The expected completion date for the CY short circuit case is 3/22/13. So far we have had a few difficulties with the ASPEN OneLiner case comparison software, but we have worked with ASPEN to resolve the issues.

SPWG members provided a review of ERCOT’s SPS Review and Distribution Procedure on 1/11/13.

NERC reliability standard [PRC-004-3](http://www.nerc.com/filez/standards/Project2010-05_Protection_System_Misoperations.html) is out for comment through 2/20/13. Information has been forwarded to SPWG members as an FYI.

Regarding [FERC Order 754](http://www.nerc.com/filez/standards/order_754.html), Transmission Planners must submit a status report stating percent of work complete by 2/28/13.

The latest edits to the [Short Circuit Case Building Procedure Manual](http://www.ercot.com/content/committees/board/tac/ros/spwg/keydocs/2013/Short_Circuit_Case_Building_Procedure_Manual_Updated_SPWG_12.doc) were finalized on 12/12/12 and it has been posted to the SPWG web site. ASPEN OneLiner v11.10 and PSS/E v32.2.0 will be used for the 2013 short circuit case building effort.

SPWG 2013 Meetings

* Scheduled for: March 21 & 22, July 18 & 19, and November 21 & 22.
* All meetings will be held at the ERCOT Met Center facility in a Thursday full day/Friday half day format. Dates & meeting rooms have been confirmed.

Submitted by Kris Koellner, SPWG 2012 Chair, 2/1/13