ERCOT System Protection Working Group (SPWG)

monthly report to

ERCOT Reliability Operation Subcommittee (ROS)

September 13, 2012

**SPWG meetings since last ROS meeting:**

SPWG has not met since the last ROS meeting on 8/16/12.

SPWG last met on 7/19/12 & 7/20/12. Draft meeting notes and action items were distributed to the membership on 7/30/12. The SPWG roster and calendar were updated on the SPWG web site. Major topics of discussion at the July meeting included: the WECC event and TRE response document, short-circuit case building process updates/improvements, the ERCOT SPS review process, relay misoperation trends as reported by TRE and NERC, two SPWG-sponsored NOGRR proposals, and an update on NERC PRC standards activities.

**Current group activity:**

SPWG is drafting a NOGRR to clarify disturbance monitoring requirements. Section 6 of the Nodal Operating Guides will be impacted. SPWG has been working with Yvette Landin on this.

Several SPWG members are working on a CREZ-region short circuit case. The case was initially based on the SPWG FY2017 short circuit case, but also includes some anticipated generation in the CREZ region in order to gauge future expected short circuit fault duties and the potential impact on transmission relay settings. This effort will be completed on 9/21/12. The output of this effort will be distributed to the SPWG membership as a courtesy but will not be consider (or published) as an “official” ERCOT SPWG case.

The [FERC Order 754 data request](http://www.nerc.com/docs/standards/dt/Order_754-Request_for_Data_or_Information_08162012.pdf) “Single Point of Failure on Protection Systems” has been sent out to industry. An acknowledgement is requested from affected parties by 9/30/12 and the data request must be completed by 9/30/14.

The Texas RE Misoperation Policy is in effect as of 4/1/12, and was modified on 5/25/12

* Per PRC-004-2a (effective 4/1/12), Texas RE has developed a Regional Entity procedure for relay misoperation reporting. The procedure/reporting method is substantially similar to the procedure developed last year via [NOGGR069](http://www.ercot.com/mktrules/issues/nogrr/051-075/069/index).
* [NOGRR099](http://www.ercot.com/mktrules/issues/nogrr/076-100/099/index) was submitted to remove similar language out of the scope of the Nodal Operating Guides in order to prevent overlap and/or confusion.
* [NERC Project 2010-05.1](http://www.nerc.com/filez/standards/Project2010-05_Protection_System_Misoperations.html) – Protection Systems: Phase 1 (Misoperations) comments are due 9/7/12. This is related to the draft PRC-004-3.

SPWG 2012 Meetings

* Due to the Austin Formula One race, our November meeting was moved from Thu 11/15 & Fri 11/16 to Mon 11/5 (AM only) & Tue 11/6 (AM/PM).

Submitted by Kris Koellner, SPWG 2012 Chair, 9/6/12