

**ERCOT**  
**SYSTEM PROTECTION WORKING GROUP**  
**REPORT TO ROS**  
*April 13, 2006*

Included in addition to this document is a copy of the approved minutes of our last meeting held in February. Of significance to ROS are the following items:

Short Circuit Database Cases: As of our last meeting date, the current year's short circuit database was in Pass 1. Since that time, the database was completed (March 27). Since that database was completed about two weeks later than scheduled, due dates for the five year cases have been delayed, with the first pass being due April 26.

Operationally Significant 138 kV Elements: TPSO's are to submit plans to ERCOT for any changes due to the protective relaying to meet NERC requirements by December 31, 2006. Members were sent the list of Operationally Significant Elements prior to our meeting in February to begin working on these plans. At the meeting ERCOT staff announced that the list was being rescinded, and that a new list would be distributed soon. As of the writing of this report, no list has been distributed.

NERC SPCTF Activities: Mark Carpenter, ERCOT's representative on the task force, discussed these items. Noted especially was the fact that NERC is working on protective relaying redundancy guidelines, a document that may be of significant size, and require significant expenditures.

Relay Maintenance Survey: Following the discussion of a survey of relay maintenance submitted to all companies, our WG has formed a sub-group to start working on specific guides for relay maintenance, as dictated by NERC. Four main groups of interest will be battery systems, relays, instrument transformers, and communication systems used for protective relaying.

Exchange of Information: It has been our custom to exchange system maps and system single line diagrams with other member at our first meeting of each year. It was noted this year that some companies, due to internal policies, could not openly give out this type of information. These companies did say, however, that they can supply information for specific reasons upon a written requests.

Next Meeting: Our next meeting will be hosted by AEP in Corpus Christi on July 27-28, 2006.