

2012 LIAISON REPORT

To the Electric Machinery Committee from the Power System Relay Committee

The Power System Relay Committee (PSRC) convenes three meetings a year away from the IEEE PES Annual Meeting during January, May and September. The most recent meeting was convened in New Orleans, Louisiana, from May 14-17, 2012. The next meeting will be held in Portland, Oregon, from September 10-13, 2012. The main items of interest to the Electric Machinery Committee (EMC) are the activities of Subcommittee J: The Rotating Machinery Protection Subcommittee (RMPS). The PSRC Chair is Bob Pettigrew, the Vice-Chair is Roger Hedding and the Secretary is Mike McDonald. The RMPS Chair is Murty Yalla and the Vice-Chair is Mike Reichard. Working Group (WG) activity is as follows:

- J1. The Adjustable Speed Drive Motor Protection Application and Issues WG is chaired by Jon Gardell. This WG was established in 2003 to prepare a WG report for publication in the Transactions. The report has been completed and when submitted to the IEEE Transactions on Power Delivery, it was declined administratively as the content was deemed better suited for the IAS or Industrial Electronics. ***As far as I know, this is the first time that the Transactions on Power Delivery has refused to consider a Power Engineering Society Committee Report.*** I think that this sets a bad precedent.
- J3. The Power Plant and Transmission System Protection Coordination WG is chaired by Phil Waudby. This WG is maintaining a liaison with NERC and is working on a report that can be used to upload material into the next revisions of IEEE Stds. C37.91, C37.96, C37.101, C37.102 and C37.106.
- J5. The Application of Out-of-Step Protection Schemes for Generators WG is chaired by Sudhir Thakur. This WG is preparing a WG report that can be used to funnel material into the next revision of IEEE Std. C37.102, IEEE Guide for AC Generator Protection. The expected completion date is 2015. ***This WG should be of interest to EMC members who are working with grid codes.***
- J6. The Protective Relaying for Pumped Storage Hydro Units is chaired by Joe Uchiyama. The present draft of the survey on pumped storage was reviewed. There are a wide number of different configurations for pumped storage facilities. This document will include discussion of schemes that have evolved over 35 years. Interestingly, this WG is adding sections on “Reasons for selecting relays” and “Reasons for changing relays.”

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