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**SUBJECT: TCPC report spring 2012 – St Pete Beach**

For the spring 2012 T&D conference we had scheduled a poster session for eight papers. Out of the eight papers only six were actually presented during the session. Only those six will be published, below is the list of the six papers.

**Title**

A Novel 7.2 kV Fault Current Limiter for Use in the FREEDOM Project

Comparison Tests of High Current Shunts in High Power Laboratories in Asia with an STL Reference Shunt

A Novel Nonlinear Coating for Suppression of Metallic Particle Motion in GIS

Steady-state Heating of Gas Insulated Busbars

Investigation of Long-term Reliability for Solid Insulated Switchgear

Improvement of Reliability of Closing Latch in Spring Type Operating Mechanism of High Voltage Circuit Breakers

This is the activity report for the 2012 GM to be held in San Diego in July. There were a total of six papers submitted and five have been accepted and one rejected. Following is a list of the papers.

**Paper #**

**Title**

2012GM0045 Transient Recovery Voltages Caused by Capacitor Switching in Wind Power Plants

2012GM0094 Investigation into the Implementation of Silicone Coatings on High Voltage Insulators in Queensland





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**Paper #**

**Title**

2012GM0111 Current Limiter Performance Under an Actual Multiple Fault Event

2012GM0408 Optimized Sectionalizing Switch Placement Strategy in Distribution Systems

2012GM1895 Solid State Fault Interruption Devices in Medium Voltage Microgrid Distribution Systems with Distributed Energy Resources

For the 2012GM we have scheduled one paper forum will be held on July 23<sup>rd</sup> beginning at 13:00 and will involve four papers.

We have also schedule two paper sessions for switchgear both on the topic C37.10 -- IEEE Guide for Investigation, Analysis, and Reporting of Power Circuit Breaker Failures, presenter John Webb. There will be one session on July 25<sup>th</sup> Wednesday at 15:00 and the second on Thursday morning July 26<sup>th</sup> beginning at 08:00. Both sessions will be two hours long.

Steve Meiners - TCPC  
IEEE PES Switchgear Committee

