

6.0 VICE CHAIR'S REPORT – SUSAN MCNELLY

The Vice-Chair's Report was presented at the Monday General Session.

6.1 IEEE PES CALENDAR OF UPCOMING EVENTS

The following are upcoming PES sponsored conferences and committee meetings. Please check the PES website at www.ieee-pes.org for further details, and additional events.

2016 IEEE/PES T&D Conference and Expo
May 2-5, 2016, Dallas, TX

2016 IEEE/PES General Meeting
July 17-21, 2016, Boston, MA

6.2 CONFERENCE PAPERS SUBMITTED IN 2015

A special thank you is extended to all of the Transformer Committee Members and participants who helped with paper reviews. This help is greatly appreciated and is a wonderful representation of our Committee to IEEE and the industry. Special thanks also goes to Steve Antosz who was responsible for organizing and processing the papers for both the IEEE/PES T&D Conference and the IEEE/PES General Meeting for this year.

6.2.1 IEEE/PES T&D Conference and Expo - May 2-5, 2016, Dallas, TX

The paper submission website opened July 13, 2015 and closed August 17, 2015. A total of 16 conference papers were submitted. After peer review, 3 papers were rejected and 13 papers were accepted. They will be presented at the Poster Session in May in Dallas. In addition, 2 Transactions Papers were accepted as conference papers.

The papers that were accepted are:

ID	TITLE
TD0011	Transactions Paper Thermodynamic Estimation of Transformer Fault Severity
TD0122	Transactions Paper Cold Start of a 240 MVA Generator Step-up Transformer Filled with Natural Ester Fluid
TD0033	A Topology-Based Model for Two-Winding, Shell-Type, Single-Phase Transformer Inter-Turn Faults
TD0143	Investigation on Frequency Response Analysis Measurement Method for Power Transformer Impedance
TD0155	Mitigation of Adverse Effects of GICs on Transformers Using Look-Up Table Controlled Ground Resistance
TD0158	Understanding DGA Techniques and Interpretations
TD0160	Vibration Response Analysis of Transformer Winding by Finite Element Method
TD0234	HiDry72: Short-Circuit Withstand Test upon the biggest ever Dry-type Power Transformer
TD0261	Acoustic tap-changer analyses using continuous wavelet transformation
TD0300	Minimizing Dielectric Frequency Response Measurement Time by using Multiple Frequency Signals
TD0325	Noise Recognition of Transformers Based on Improved MFCC and VQ
TD0359	Transformer Oil DGA Monitoring Technology Study 2015
TD0423	A Comprehensive Diagnostic Evaluation of Power Transformers via Dissolved Gas Analysis
TD0453	Life Time Analysis of Distribution Transformer Using Experimental Design
TD0456	Impact of Smart Home Management Strategies on Expected Lifetime of Transformer

PES has brought forward an initiative for promoting the work of the technical committees under PESs (AKA PES' "best kept secret"). Working Groups are encouraged to produce a poster on the activity of their WG starting at the upcoming IEEE/PES T&D Conference and Expo in Dallas.

Interested WG are requested to provide the following information to Maria (m.proetto@ieee.org) and Farnoosh Rahmatian (frahmatian@ieee.org) by April 1st, 2016. Email subject line should read: “Poster session for WGs - IEEE PES T&D Conference”.

- Technical Committee Name: Transformers Committee
- Working Group name
- Project title (if different from WG name)
- PAR number (if relevant)
- Who from the WG will be presenting the poster at the IEEE PES T&D Conference and Expo

The following information is suggested to be included on each poster:

- Technical Committee Name
- Working Group name
- Project title
- PAR number (if relevant)
- Project Scope
- Target completion date
- Project status
- Key technical points being addressed in the work

6.2.2 IEEE/PES General Meeting - July 17-21, 2016, Boston, MA

The paper submission website opened October 14, 2015 and closed November 11, 2015. A total of 12 conference papers were submitted. After peer review, 5 papers were rejected and 7 papers were accepted. They will be presented at the Poster Session in July in Boston. In addition, 4 Transactions Papers were accepted as conference papers.

The papers that were accepted are:

ID	Title
16PESGM0262	TRANSACTIONS: Impact of second generation plug-in battery electric vehicles on the aging of distribution transformers considering TOU prices
16PESGM0460	TRANSACTIONS: On the Effects of Solar Panels on Distribution Transformers
16PESGM0658	TRANSACTIONS: Impulse Generator Optimum Setup for Transient Testing of Transformers Using Frequency-Response Analysis and Genetic Algorithm
16PESGM0881	TRANSACTIONS: Analysis of Switching Effects of Vacuum Circuit Breaker on Dry-Type Foil-Winding Transformers Validated by Experiments
16PESGM0142	Multi-Source Information Fusion for Power Transformer Condition Assessment
16PESGM0215	Refining IEC Code and Rogers Four Ratios DGA Methods for Transformer Fault Diagnosis
16PESGM0281	Anti-interference of Rogowski Coil Current Transformers in Smart Substations
16PESGM0677	Simple and Accurate Time-Domain Method for Internal Fault Location in Layer-type Transformer Windings
16PESGM0959	Comparison of Operational Characteristics between the Sen Transformer and a Phase Angle Regulator
16PESGM0961	Unique Capabilities of Sen Transformer: A Power Regulating Transformer
16PESGM1567	Optimization-Enabled EMT Modeling for Transformer Impulse Test
16PESGM1579	Oil Flow Surge Test for 110kV Power Transformer During External Short Circuit faults

Respectfully,
 Susan McNelly
 Vice Chair
 March 13, 2016