**4.0 Vice-Chair’s Report – Stephen Antosz**

## **4.1 IEEE PES Calendar of Upcoming Events**

Following are upcoming PES sponsored conferences and committee meetings. Please check the PES website at [www.ieee-pes.org](http://www.ieee-pes.org) for further details, and additional events.

2015 IEEE PES Innovative Smart Grid Technologies Conference (ISGT)

February 17-20, 2015, Washington, DC

2015 IEEE/PES General Meeting

July 26-30, 2014, Denver, CO

**4.2 Conference Papers Submitted in 2014**

4.2.1 IEEE/PES T&D Conference and Expo Apr 14-17, 2014, Chicago IL

A total of 17 conference papers were submitted. After review, 5 papers were rejected and 8 papers were accepted and presented at the Poster Session. 4 papers were incomplete, as they were referred to revise and resubmit but there was no response from the author. In addition, one Transactions paper was accepted. The papers that were presented are:

|  |  |
| --- | --- |
| **ID** | **Title** |
| 14TD0004 | PROBABILISTIC TRANSFORMER FAULT TREE ANALYSIS USING BAYESIAN NETWORKS |
| 14TD0109 | Development of Miniaturized AC Reactors with Lower-Losses Using Amorphous Wound Cores in 400-kVA UPS |
| 14TD0295 | Combining dry type Resin Impregnated Fiberglass Paperless Transformer Bushings With Built-in Novel Insulation Monitoring Function |
| 14TD0298 | Practical Aspects of Power Transformer Condition Monitoring |
| 14TD0331 | Advanced Transformer Fleet Monitoring System |
| 14TD0380 | A Process for Evaluating the Degree of Susceptibility of a fleet of Power Transformers to Effects of GIC |
| 14TD0455 | Advanced Tap Changer Control of Parallel Transformers based on IEC 61850 GOOSE Service |
| 14TD0532 | An Innovative Method for Cooling oil-immersed Transformers by Rayleigh-Benard Convection |

4.2.2 IEEE/PES General Meeting July 27-31, 2014, Washington, DC

A total of 27 conference papers were submitted. After review, 15 papers were rejected and 10 papers were accepted and presented at the Poster Session. 2 papers were incomplete, as they were referred to revise and resubmit but there was no response from the author. In addition, one Transactions paper was accepted. The papers that were presented are:

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **ID** | **Title** | | 14PESGM0192 | An Economic Evaluation Model of Transformers Considering Outage Consequence | | 14PESGM0245 | A Diffusion-Driven Model for Investigating Moisture Effects on Dielectric Response Measurement of Transformer Insulation | | 14PESGM0272 | Differential Partial Discharge Extraction Technique for Online Power Transformer Insulation Assessment | | 14PESGM0372 | Investigating the Sensitivity of Frequency Response Analysis on Transformer Winding Structure | | 14PESGM0631 | Analysis on the Effects of Energization Mode for Magnetically Controlled Shunt Reactor | | 14PESGM0782 | Detection of Minor Axial Winding Movement within Power Transformers Using Finite Element Modeling | | 14PESGM0871 | Application of FRA Polar Plot Technique to Diagnose Internal Faults in Power Transformers | | 14PESGM1039 | Application of Multifractal Spectrum to the Vibration Analyses of Power Transformer under DC Bias | | 14PESGM1539 | Performance Evaluation of On-Line Transformer Winding Short Circuit Fault Detection Based on Instantaneous Voltage and Current Measurements | | 14PESGM1597 | Research on Chaotic Dynamic Characteristics of On-load Tap Changers | |

On Oct 24, 2014 the paper submission web site to open to authors for 2015 General Meeting.

Respectfully,

Stephen Antosz

Vice Chair

IEEE PES Transformers Committee



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