

6.0 VICE-CHAIR'S REPORT – BRUCE FORSYTH

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

6.1 IEEE PES CALENDAR OF RECENT AND UPCOMING EVENTS

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

- 2019 IEEE PES General Meeting
August 4-8, 2019, Atlanta, GA
- 2020 IEEE PES Transmission and Distribution Exhibition and Conference
April 20-23, 2020, Chicago, IL
- 2020 IEEE PES General Meeting
August 2-6, 2019, Montreal, QC

6.2 2019 IEEE PES GENERAL MEETING AUGUST 4-8, 2019

6.2.1 General

The theme for the 2019 IEEE PES General Meeting was *Expect Uncertainty, Prepare to Adapt*.

The meeting had 4 Super Sessions as follows:

1. Resiliency
2. Impact of High Penetration of Renewable Resources
3. Storage
4. Risk-Based Transmission Planning and Operation

The general statistics are as follows:

- Number of Panel Sessions: 147
- Number of Paper Forums: 9
- Number of Best Paper Sessions: 4 (65 papers in the 4 sessions)
- Number of Transactions Paper Sessions: 26
- Number of Conference papers presented: 653
- Number of Transactions papers presented: 170
- Number of Committee Meetings: 341

6.2.2 Conference Paper Submittals related to the Transformers Committee

There were 12 papers reviewed by the Transformers Committee for the 2019 General Meeting. Of the 12 papers submitted, 11 were accepted and 1 was rejected. A listing of the papers submitted was presenting in the minutes of the previous meeting.

6.2.3 Panel Sessions

There were no panel session requests submitted for the 2019 PES General Meeting.

6.3 2020 IEEE PES TRANSMISSION AND DISTRIBUTION CONFERENCE AND EXHIBITION APRIL 20-23, 2020

6.3.1 Conference Theme

The theme of the 2020 Transmission and Distribution Conference and Exhibition is *Electrifying the Future*.

6.3.2 Conference Paper Submittals

The 2020 Transmission and Distribution Conference and Exhibition paper submission opened to authors on July 8, 2019 and closed on August 15, 2019. Papers were then distributed to various Technical Committees for peer review based upon the paper content. The peer review process ends on October 28, 2019. All Transformers Committee reviews were completed by October 26, 2019. A listing of the papers submitted to and reviewed by the Transformers Committee, and the status of each submission, is shown in Table 1.

Total Submissions.....	9
Accepted	7
Rejected	2

Table 1: Conference Papers Submitted

Paper	Title	Status
2020TD0103	Power transformers: Mitigate Environmental Impact and Fire Risk Reduction and be prepared for the Unexpected	Accepted
2020TD0210	Moving to Single-Phase Voltage Regulation Saves Utility Costs, Improves Power Quality for Industrials	Accepted
2020TD0216	Long-Term Behavior of Natural Ester Filled Power Transformers in Eletronorte Transmission System	Accepted
2020TD0246	Modeling the Winding Hot-Spot Temperature and Aging of Enclosed Vault Transformers using a Physics-Based Heat Transfer Model	Accepted
2020TD0248	Analytical Modeling of a Three-phase Magnetic Amplifier-based Continuously Variable Reactor	Accepted
2020TD0288	Environment friendly: Explosion-proof, oil-filled Station Service Voltage Transformers for Internal Arc Protection Class II	Rejected
2020TD0295	Potential Benefits of Natural Ester Fluid-Filled Transformers Expanding Substation Capability	Rejected
2020TD0298	New Dual Nameplate kVA for Distribution Transformers	Accepted
2020TD0325	Staged Investment for Intelligent Automatic Transformers Winding Manufacturing Lines	Accepted

6.3.3 Paper Reviewer Recognition

Reviewing conference papers is a valuable service to both the authors and the transformer industry. The efforts spent by those who volunteer their time is an essential part of ensuring the papers that are presented are of the highest quality. The time and effort spent reviewing papers often goes unrecognized. The Transformers Committee offers its thanks and gratitude to the following people who volunteered their time to review one or more of the papers submitted for the 2020 IEEE PES Transmission and Distribution Conference and Exhibition:

Alan Sbravati

Alan Wilks

Alwyn VanderWalt

Axel Kramer
Dan Mulkey
David Walker
Enrique Betancourt
George Payerle
Jason Varnell
Jin Sim
John K. John
Mark Gromlovits
Poorvo Patel
Sasha Levin
Tauhid Ansari
Zan Kiparizoski

Bertrand Poulin
Dan Sauer
Dharam Vir
Ewald Schweiger
Israel Barrientos
Javier Arteaga
Joe Watson
Krishnamurthy Vijayan
Michael Thibeault
Ramsis Girgis
Scott Reed
Waldemar Ziomek

Clair Claiborne
Daniel Blaydon
Eduardo Garcia Wild
George K. Frimpong
Jack Harley
Jim Harlow
John Herron
Kurt Kaineder
Phil Hopkinson
Sanjib Som
Sheldon Kennedy
Yang Baitun

6.3.4 Panel Sessions

There was one panel session request submitted related to Transformers Committee activities for the 2020 IEEE PES Transmission and Distribution Conference and Exhibition. The topic is “Discussion of New Dual Nameplate kVA for Distribution Transformers” (see related paper 2020TD0298). The panelists will be Phil Hopkinson (moderator), Dan Mulkey, Tom Callsen, Kevin Rapp, Al Traut, and Tom Prevost.

6.3.5 Tutorial Sessions

There were no tutorial submissions made by the Transformers Committee.

6.4 2020 IEEE PES GENERAL MEETING AUGUST 2-6, 2020

The theme for the 2020 IEEE PES General Meeting is expected to be “Are Big Data, Machine Learning and Electric Transportation Transforming the Grid?” Supersession topics related to this theme will be

1. Big data and machine Learning Applications in Power Systems
2. Decarbonization Through Electrification
3. Energy Systems Integration
4. Facing the Changing Resource Mix

The window for paper submission began on October 10, 2019 and ends on November 7, 2019. Papers will then be distributed to various Technical Committees for peer review based upon the paper content. The review process will begin in early January 2020, and authors will be notified of final acceptance or rejection decisions by March 1, 2020.

Respectfully submitted,

Bruce Forsyth
Vice-Chair
October 26, 2019