

4.0 CHAIR'S REPORT – SUSAN MCNELLY

Chair's Remarks – Presented at the Monday General Session – Anaheim, California - Spring 2019

4.1 IEEE PES TECHNICAL COUNCIL

The Technical Council of the IEEE Power Energy Society (PES) is composed of the Chairs of the PES Technical and Coordinating Committees, plus the Chairs of Standing Committees reporting to it. The full organizational structure of the PES is shown in the current version of the IEEE PES Organization Chart and Committee Directory (<http://www.ieee-pes.org/pes-organization-chart-and-committee-directory>). The PES Technical Committees report to the Technical Council on matters concerning membership, recognition, technical publications, scope and the coordination of the Power Energy Society generated standards. For standards relating to their technical scope, the Technical Committees work directly with the IEEE-SA Standards Board and the PES Standards Coordinating Committee. For further details on the Statement of Purpose and Scope of Activities for the PES Technical Council Please see; <http://www.ieee-pes.org/statement-of-purpose-and-scope-of-activities-for-the-pes-technical-council>.

4.1.1 Technical Council Officers & Members

The officers and members of the Technical Council are listed below for your reference. Each individual listed here is the chair of that respective committee.

TECHNICAL COUNCIL OFFICERS 2018-2019

Chair	Farnoosh Rahmatian (Quanta Technology)
Vice Chair	Vijay Vittal (Arizona State University)
Secretary	Hong Chen
Past Chair	Miriam Sanders (SEL University)

STANDING COMMITTEES 2018-2019

Awards	Chair Miriam Sanders
Organization & Procedures	Hong Chen
Power and Energy Education	Siddharth Suryanarayanan
Standards Coordination	Ted Burse
Technical Sessions	Vijay Vittal

COORDINATING COMMITTEES 2019

Intelligent Grid & Emerging Tech., IGETCC	Chair Doug Houseman
Marine Systems, MSCC	Dwight Alexander
Wind and Solar Power, WSPCC	Debbie Lew

TECHNICAL COMMITTEES 2019

Analytical Methods for Power Systems, AMPS	Chair Kevin Schneider
Electric Machinery, EM	K. Chen
Energy Development & Power Generation, EDPG	John B. Yale
Energy Storage & Stationary Battery, ESSB	Curtis Ashton
Insulated Conductors, IC	E. Rusty Bascom
Nuclear Power Engineering, NPE	Daryl Harmon
Power System Communications & Cybersecurity, PSCC	Ken Fodero
Power System Dynamic Performance, PSDP	Costas Vournas
Power System Instrumentation & Measurements, PSIM	Ernst Hanique
Power System Operation Planning & Economics, PSOPE	Luiz Barroso
Power System Relaying & Control, PSR	Russ Patterson
Smart Buildings Loads & Customer Systems, SLCS	Shawn Chandler
Substations, SUB	Joe Gravelle
Surge Protective Devices, SPD	Steven Hensley

TECHNICAL COMMITTEES 2019
Switchgear, SWGR
Transformers. TRANS
Transmission and Distribution, T&D

Chair
Todd Irwin
Susan McNelly
Gary Chang

4.1.2 PES Technical Council Activities

The JTCM meeting schedule for 2019 through January of 2020 will be as follows:

- Friday, April 12, 2019 - Webex Meeting
- August 4 - 8, 2019 - 2019 GM in Atlanta, Georgia
- January 12 – 13, 2020 - Hyatt Regency Hotel in Jacksonville, Florida.

PES will likely be implementing a yearly Technical Council retreat rather than every other year. This may also include a training session a day before the retreat for new Committee Chairs.

Farnoosh Rahmation will be working to develop an owner's manual for Committee Chairs so that chairs are aware of their responsibilities. This will include information such as start and end times, obligations, and links for additional information. Committees should also be looking for ways of transferring knowledge from past chairs to new chairs.

Susan McNelly and Joe Gravelle (Chair, Substation Committee) presented a webinar on February 5, 2019 on SC, WG, and TF activities in the 123Signup Association Management System (AMS). The webinar covered managing participants, recording attendance, creating meeting rosters and attendance reports, and using the AMS list server for sending emails to participants. The recorded webinar is available at:

<https://ieeewebex.com/mw3300/mywebex/nbrDownload.do?siteurl=ieeewebex>

4.2 TRANSFORMERS COMMITTEE ACTIVITIES

4.2.1 Liaison Representatives - Appointed by Committee Chair.

- ASTM D27 – Tom Prevost
- CIGRE – Craig Swinderman
- IEC TC-14 - Phil Hopkinson
- Standards Coordinating Committee, SCC No. 18 (NFPA/NEC) – David Brender
- Standards Coordinating Committee, SCC No. 4 (Electrical Insulation) - Evanne Wang

4.2.2 Committee Schedule

There were again a number of last minute WG meeting cancellations. SC Chairs need to be pushing their associated WGs and TFs to make these decisions when the preliminary schedule is sent out for review. There should not be any big unknowns at that point in time that decisions on whether or not they need to meet can't be made.

4.2.3 Meeting APP

Dave Wallach has been researching alternatives to the Guidebook meeting APP that the Committee has been using for the past several years. Costs for this service have been rising and are presently on a per user basis. IEEE has indicated that they can provide a Word Press event site that would allow the meeting information, schedule, etc to be pushed to a mobile APP at a much lower cost than is presently being paid to Guidebook. Dave has proposed a trial of this system for the fall 2019 meeting in Columbus, Ohio.

4.2.4 Association Management System, 123 Signup

All WG's should be using AMS to track their membership and meeting attendance. If you are unable to do so, please assign it to someone in your group. In addition to using the AMS, a list of names and affiliations must be included in the meeting minutes.

IEEE has transitioned to the use of the AMS, 123 Signup system as of the first of the year. The yearly cost to the Transformers Committee will be covered by IEEE. The Committee will still be responsible for any registration system and credit card fees.

4.2.5 Website Password Usage

The website password is not for public dissemination. It is for use by our meeting attendees (CM, AP, II) and associated work of the Transformers Committee. Access to the protected information on the Committee website is a benefit of attendance and participation. It may be used by meeting attendees and within attendees' immediate workplace, but not beyond that. A new password will be implemented immediately after the Jacksonville meeting.

4.2.6 Call for Patents (Essential Patent Claims)

<https://standards.ieee.org/about/sasb/patcom/patc.html>

A call for patents is required at every Working Group (WG) meeting. This is a reminder to all WG leaders to call for patents and record the results in the meeting minutes. Note it is not required to show the patent slides; it is only necessary to call for patents and record the response in the minutes. If there is a claim reported, the WG chair shall include in the minutes the name & affiliation of the individual asserting a patent claim. Here is what each WG Chair should ask at the beginning of each WG meeting. This applies only to WG's after the PAR is approved by the IEEE-SA Standards Board.

If anyone in this meeting is aware of any patent claims that are potentially essential to implementation of the document under consideration by this WG, that fact should be made known to the WG and recorded in the meeting minutes.

There should be no discussion of any patent claim identified, only that it be identified and recorded. Even if no patent claims are identified, the minutes are to indicate that the call for patents was made.

If a patent holder or patent applicant is identified, then the WG Chair (or designee) should ask the patent holder or patent applicant of a patent claim that might be or become an Essential Patent Claim to complete and submit a Letter of Assurance in accordance with Clause 6 of the IEEE-SA Standards Board Bylaws.

A Letter of Assurance (LoA) is a document submitted to IEEE-SA by a patent holder which documents the submitter's position with regard to ownership, enforcement, or licensing of an Essential Patent Claim that may be incorporated into a specific IEEE document. As of October 2018, the following six (6) existing Accepted Letters of Assurance pertain to our committee:

1. C57.127 Guide for Detection and Location of Acoustic Emissions from Partial Discharges in Oil-Immersed Power Transformers and Reactors. LoA recorded September 6, 2005. Filed by ABB Technology, Ltd. Patent Serial Number: 6,340,890 (US)
2. C57.139 Guide for Dissolved Gas Analysis in Transformer Load Tap Changers. LoA recorded January 16, 2013. Filed by Maschinenfabrik Reinhausen GMBH. Patent Serial Number: Not indicated
3. C57.163 Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances. LoA recorded May 5, 2014. Filed by Advanced Power Technologies, LLC. Patent Serial Number: 20130285671 (US)

4. C57.147 Guide for Acceptance and Maintenance of Natural Ester Fluids in Transformers, and C57.155 Guide for Interpretation of Gases Generated in Natural Ester and Synthetic Ester-Immersed Transformers. LoA recorded April 5, 2017. Filed by Cooper Power Systems, LLC. Patent Serial Number: 6,398,986 (US), 6,905,638 (US), 7,651,641 (US)
5. C57.147 Guide for Acceptance and Maintenance of Natural Ester Fluids in Transformers, and C57.155 Guide for Interpretation of Gases Generated in Natural Ester and Synthetic Ester-Immersed Transformers. LoA recorded April 5, 2017. Filed by Cooper Power Systems, LLC. Patent Serial Number: PI 9612097-5
6. C57.143 IEEE Guide for Application for Monitoring Equipment to Liquid Immersed Transformers and Components. LoA submitted to IEEE October 12, 2018. Filed by Roger Fenton. Patent Docket number 15/371,085.

4.2.7 Transformers Committee Policies and Procedures (P&P) Update

A revised TC Sponsor P&P was voted on at the Jacksonville meeting and with some minor revisions by the Standards Board it has been approved. The Committee will be asked to reapprove the revised document as presently approved at the Anaheim meeting.

The WG P&P has been revised and will be brought forward for the Adcom review and approval in Anaheim. If approved, an electronic vote of the committee members will be requested after the Anaheim meeting. An Entity WG P&P has also been created and will go through the same process for approval as the WG P&P.

4.2.8 Website

Susan McNelly, the present Webmaster has started working on a transition from the present non web based web updating program to a web based platform. A base platform has been created and preparation for a transition to the new platform is nearly complete. Transition to the new platform will take place before the fall meeting in Columbus, Ohio.

Respectfully submitted,



Chair, IEEE/PES Transformers Committee

March 20, 2019