

9.0 RECOGNITION & AWARDS REPORT – STEPHEN ANTOSZ

March 27, 2018, Pittsburgh, PA

9.1 IN MEMORIAM

9.1.1 Stan Lindgren



Stanley (Stan) Roland Lindgren passed away peacefully on December 17, 2017. At the age of 15, Stan had his first encounter with the power of electricity, when a lightning bolt to a nearby tree threw him backwards. His resultant love of lightning might have motivated him, as he went on to graduate from Kansas State College in early 1950 with a Bachelor of Science in Electrical Engineering. Stan began his career with Allis Chalmers (A-C) in West Allis, Wisconsin in 1950 as part of their Graduate Training Course and soon was working in the transformer fabrication shop doing hands-on work, stacking cores, brazing leads, taping joints and building terminal boards. He credited much of his power transformer knowledge to his mentor, L.S. Woodruff (Woodie) who designed A-C's first transformer in 1903. Stan went on to work for RTE in Waukesha, Wisconsin; Paragon AMF in Manitowoc, Wisconsin; EPRI in Palo Alto, California and concluded his 62-year career in 2012 while working for Serveron Corp. in Portland, Oregon. He was a lifetime member of IEEE and was a recognized power transformer expert. Stan was preceded in death by his wife of 60 years Caroline. He leaves behind two sons, Eric and Carl, and one daughter, Joanne, and their families.

9.1.2 Sam Mehta



Shirish "Sam" Mehta passed away unexpectedly on January 30, 2018 while traveling in India. Sam had many different roles in his 44-year tenure with SPX Waukesha and its predecessors that began in 1970. Sam was the VP of Research and Technology when he retired and continued to work in the industry after retirement. Sam was always smiling and willing to take time to teach anyone that wanted to learn. According to Tom Prevost: "*Sam was an old-school "Transformer Guy" who lived his life in (and for) the transformer industry. He was a mentor and a friend to me and I'm sure many others.*"

Sam got an award for Outstanding Paper in Fall 2017, as a co-author. *Temperature Rise Tests on a Forced-Oil-Air Cooled (FOA) (OFAF) Core Form Transformer, Including Loading Beyond Nameplate* by M. V. Thaden, Subhash Tuli, Sam Mehta, and R. L. Grubb

9.1.3 Frank Heinrichs



Frank W. Heinrichs Jr., 88, of Gibsonia, PA died Tuesday, Aug. 16, 2016. Frank was a graduate of Carnegie Technical Institute (Carnegie Mellon University). He developed his transformer expertise with McGraw Edison/Cooper Industries at Canonsburg, PA, where he pursued his career as an Electrical Engineer, retiring as Chief Engineer and was involved in numerous patents. Frank was an active member of the transformers committee for many years, and in particular the Insulating Fluids SC where he was Chair of C57.104 and C57.130 WGs. Frank was a U.S. Marine Corp Veteran, and enjoyed the outdoors. Frank was active in his church, he was involved with Right to Life, Men's Group, and was a lector, Eucharistic minister and Sunday school teacher. A true renaissance man, he loved reading, sculpture, painting, being outdoors with nature, golf, fishing, playing bridge and spending time at the ocean. Most of all, he loved being with his loving family and dear grandchildren.

9.2 GENERAL SERVICE AWARDS

- Meeting Host – Dennis Blake & Team at Pennsylvania Transformer Technologies
- Outgoing Committee Chair – Stephen Antosz
- Outgoing Committee Treasurer – Greg Anderson
- Outgoing Subcommittee Chair & Officer – Don Platts, Recognition & Awards SC
- Outgoing Subcommittee Chair – Greg Anderson, Meetings Planning SC
- Outgoing Subcommittee Chair – Bill Bartley, Standards SC
- Outgoing Subcommittee Chair – Bruce Forsyth, Insulation Life SC
- Outgoing Subcommittee Chair – Ed teNyenhuis, PerformanceCharacteristics
- Outgoing Subcommittee Chair – Joe Watson, Power Transformers SC

9.3 NEW MEMBERS OF THE TRANSFORMERS COMMITTEE

The Transformers Committee welcomes 8 new committee members. Each of the following people were presented with a membership certificate:

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|--------------------------|--------------------------------------|
| 1. Myron Bell | Delta Star |
| 2. Jermaine Clonts | Power Partners |
| 3. James Dorsten | Alabama Power |
| 4. Hugo Flores | WEG Transformers USA |
| 5. Rakesh Rathi | Virginia Transformer |
| 6. Pugazhenthii Selvaraj | Virginia Transformer |
| 7. Alwyn VanderWalt | Public Service Company of New Mexico |
| 8. David Walker | MGM Transformer Company |

9.4 DISTINGUISHED SERVICE AWARD

For long-term leadership, service, and technical contributions to the Transformers Committee.

9.4.1 Tom Prevost

9.5 OUTSTANDING SERVICE AWARDS, FOUR TOTAL

For long-term commitment, dedication, and contributions to the Transformers Committee.

9.5.1 James Harlow

9.5.2 Fredi Jakob

9.5.3 Kent Miller

9.5.4 Harold Moore

9.6 IEEE-SA STANDARDS MEDALLION

For major contributions to the development of standards, including leadership in standardization of new technologies, assuring achievement of standards development goals, identifying opportunities to better serve the needs of standards users or other such contributions viewed as deserving of this award.

9.6.1 Charles Johnson

9.6.2 Bertrand Poulin

9.7 IEEE-SA STANDARDS EDUCATION AWARD

For effectively integrating power systems and transformer standards into academic and professional development programs, support for education about standards and standards setting process, promotion of the importance of standards in meeting technical, economic, environmental, political and societal challenges, and for his active encouragement of IEEE student membership.

9.7.1 Hemchandra Shertukde

9.8 IEEE-SA INTERNATIONAL AWARD

For selfless dedication to worldwide Step Voltage Regulator and On Load Tap Changer standards as IEEE, IEC, and NBR (Brazilian) standards. The IEEE-SA International Award is presented to an IEEE-SA individual member who has made an extraordinary contribution to establishing the IEEE-SA as a world-class leader in standardization.

9.8.1 Craig Colopy

9.9 IEEE-SA LIFETIME ACHIEVEMENT AWARD

This award is presented annually to an individual having a 15+ year commitment to standards development within IEEE and other national and international standards activities who provided significant technical contributions to a standards committee or in their field of interest.

9.9.1 Phil Hopkinson

9.10 WORKING GROUP AWARDS

In addition to the Committee Awards above, the IEEE SA SB presents its own Award to the WG Chair upon publication of a new or revised document and offers the WG Chair the opportunity to nominate significant contributors to the project for an IEEE SA SB Certificate of Appreciation.

We have had a number of working groups that have completed their projects, their standards documents have been published, but IEEE SA has been slow to recognize them by awarding the SA plaques and Certificates of Appreciation. At our fall meeting in Louisville, recognition was again noted for:

- 9.10.1 C57.12.20 WG Chair - Alan Traut. Standard for Overhead-Type Distribution Transformers 500 kVA and Smaller: High Voltage, 34 500 V and Below; Low Voltage, 7970/13 800Y V and Below
- 9.10.2 C57.106 WG Chair - Bob Rasor. Guide for Acceptance and Maintenance of Insulating Mineral Oil in Electrical Equipment
- 9.10.3 C57.120 WG Chair - Roger Verdolin. Guide for Loss Evaluation of Distribution and Power Transformers and Reactors
- 9.10.4 60076-57-129 WG Chair - Ulf Radbrandt. Standard for General Requirements and Test Code for Oil-Immersed HVDC Converter Transformer
- 9.10.5 This one was already recognized at our Fall 2017 meeting, but apparently they are still waiting for their actual awards

C57.12.58 WG Chair - Roger Wicks. Guide for Conducting a Transient Voltage Analysis of a Dry-Type Transformer Coil

9.10.6 WG's eligible for possible future recognition. (I need to investigate.)

C57.12.36 WG Chair Jerry Murphy. IEEE Standard Requirements for Liquid-Immersed Distribution Substation Transformers. Published in 2017.

I. Standards approved since Sep 29, 2017

Approved New Transformer Standards

- PC57.12.39** Standard Requirements for Distribution Transformer Tank Pressure Coordination
PC57.12.158 Draft Guide for the Application of Tertiary and Stabilizing Windings in Power Transformers

Approved Revisions to Transformer Standards *(All expire 31 Dec 2026)*

- PC57.12.10** Standard Requirements for Liquid Immersed Power Transformers
PC57.13.1 Guide for Field Testing of Relaying Current Transformers
PC57.15 Standard for Performance Characteristics and Dimensions for Transformer and Reactor Bushings
PC57.19.01 Standard for Performance Characteristics and Dimensions for Transformer and Reactor Bushings
PC57.19.04 Standard Performance Characteristics and Dimensions for High Current Power Transformer Bushings with Rated Continuous Current in Excess of 5000 A in Bus
PC57.119 Recommended Practice for Performing Temperature Rise Tests on Oil-Immersed Power Transformers at Loads Beyond Nameplate Ratings
PC57.147 Guide for Acceptance and Maintenance of Natural Ester Insulating Liquid in Transformers

9.11 Other IEEE PES Awards (Available upon application to PES)

The IEEE PES recognizes important technical, educational and service contributions through the conferral of numerous awards. The listing below highlights the various other awards that are available through the IEEE PES organization.

[IEEE PES Award for Excellence in Power Distribution Engineering](#)

Nominations due by October 1

[IEEE PES IAS A.P. Seethapathy Rural Electrification Excellence Award](#)

Nominations due by February 1st

[IEEE PES Charles Concordia Power System Engineering Award](#)

Nominations due by February 29th

[IEEE PES Cyril Veinott Electromechanical Energy Conversion Award](#)

Nominations due by February 1st

[IEEE PES Douglas M. Staszkesky Distribution Automation Award](#)

Nominations due by January 31st

[IEEE PES Lifetime Achievement Award](#)

Nominations due by February 1st

[IEEE PES Leadership in Power Award](#)

Nominations due by February 1st

[IEEE PES Meritorious Service Award](#)

Nominations due January 31st

[IEEE PES Nari Hingorani Custom Power Award](#)

Nominations due by January 31st

[IEEE PES Nari Hingorani FACTS Award](#)

Nominations due by January 31st

[IEEE PES Outstanding Chapter Award](#)

[IEEE PES Outstanding Power Engineering Educator Award](#)

Nominations due by January 30th

[IEEE PES Outstanding Young Engineer Award](#)

Nominations due by February 1st

[IEEE PES Prabha S. Kundur Power System Dynamics and Control Award](#)

Nominations due by January 31st -

[IEEE Power & Energy Society Ramakumar Family Renewable Energy Excellence Award](#)

Nominations due by January 31st

[IEEE PES Robert P. Noberini Distinguished Contributions to Engineering Professionalism Award](#)

Nominations due by February 1st

[IEEE PES G. Ray Ekenstam Memorial Scholarship](#)

Nominations due by June 30th

[IEEE PES Scholarship Plus Initiative](#)

Applications due by June 30th

[IEEE PES Roy Billinton Power System Reliability Award](#)

Nominations due by February 1st

[IEEE PES Uno Lamm High Voltage Direct Current Award](#)

Nominations due by November 30th

[IEEE PES Wanda Reder Pioneer in Power Award](#)

Nominations due by January 15th

[IEEE PES CSEE Yu-Hsiu Ku Electrical Engineering Award](#)

Nominations due by January 31st

[IEEE PES Working Group Recognition Awards](#)

To recognize “the most outstanding and timely publications” by a PES Working Group (or Committee or Subcommittee) from among the nominations. The PES Recognition Award is

divided into two categories: 1) for technical reports; 2) standards and guides. Each Technical Council Committee may nominate one report from each category, published by IEEE, during the previous three year period.” This award consists of a plaque which will be presented to the Working Group Chair at the PES Summer Meeting Awards Luncheon. A framed certificate will be presented to each Working Group member at a designated meeting of the parent Technical Committee.

Respectfully submitted,

Stephen Antosz

Chair, Recognition & Awards Subcommittee

IEEE PES Transformers Committee

March 25, 2018