

AWARDS SC REPORT – Spring 2016 – Atlanta GA, USA

9. RECOGNITION AND AWARDS – CHAIR: DON PLATTS

9.1. SPECIAL TRIBUTES

During the past several months since our previous meeting in October 2015 in Memphis TN, the Transformers Committee and the industry lost two of our long time contributors. At our Awards luncheon on Tuesday, the meeting attendees gathered to pay special tribute to these two friends who passed away in November.

Carl G. Niemann (1939 – 2015)

Carl passed away suddenly in his home, on Nov. 14, 2015, at age 75.

Carl was a veteran of the US Army serving from 1960 to 1962. He married his wife Janet in 1963, and they and their 2 sons resided in the Chicago area. He was active in his community where he served on the Village Board, the Zoning Board and had been a member of St. Peter Lutheran Church.

Carl was an electrical engineer with ComEd (Commonwealth Edison) for 24 yrs., retiring in 2003. He was an active participant in the IEEE Transformers Committee, where he served as the Chair of the Underground Transformers and Network Protectors Subcommittee from 2000 to 2014.

As one of Carl's many friends said, "He was the kind of guy who you could talk to without pulling any punches. He was always fun to be around and dedicated to his work." His sense of humor and honest laugh will be deeply missed.

Arthur Conway "Sam" Hall

Sam passed away November 20, 2015 after a short stay in the hospital.

Sam was a Past Member of the Committee. The last time Sam attended our meetings was at the Porto Meeting in 2008. He was also involved with CIGRE and IEC.

From his family: "It is with great sadness that we write to inform you of the death of Arthur Conway Hall, known as Sam, who passed away on 20th November after a short stay in hospital.

Sam had been unwell with respiratory problems for some time, and the past few months had seen a downturn in his condition. Despite his admittance to hospital, you will be cheered to hear that he retained his sense of humor and we, his family, were able to be with him, talking, laughing and remembering happy times."

Paul Jarman "In memory of Sam, an exceptional friend, colleague and mentor who made a lasting contribution to a vital industry."

9.2. COMMITTEE MEMBERSHIP CERTIFICATES

The Transformers Committee welcomes eight new full committee members. Each of the following new members was presented with a membership certificate:

New Member	Affiliation
Ajith M. Varghese	SPX Transformers Solutions
Ryan Thompson	Burns & McDonnell
Stephanie Denzer	GE
Ronald Hernandez	Doble Engineering Company
Zan Kiparizoski	Howard Industries
Shamaun Hakim	CG Power Systems
George Payerle	Carte International Inc.
Shibao Zhang	Pcore Electric

9.3. IEEE FELLOW – CLASS OF 2015

IEEE Fellow is a distinction reserved for select IEEE members whose extraordinary accomplishments in any of the IEEE fields of interest are deemed fitting of this prestigious grade elevation. The Fellow's Nomination

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involves a lengthy nomination process with documents describing the accomplishments and contributions in details. It requires a number of three references, and also a number of endorsers, who each also have to write a separate endorsement that describes why the candidate is deserving of this prestigious recognition.

At this meeting, the Transformers Committee is honored to have a very active member and contributor of our team, Mr. Sheldon Kennedy, to be selected to the 2016 class of IEEE Fellow for leadership in the technology and standards for rectifier, inverter and harmonic-mitigating transformers.

Sheldon is currently employed by Niagara Transformer Corporation as their Vice President of Engineering. He is the United States industrial convertor transformers representative to IEC from the ANSI National Committee Technical Advisory Group.

He was the NEMA Transformer Section Chairman from 2000 to 2003. He is the past Chairman of the Accredited Standards Committee C57 – Transformers, Regulators, and Reactors, 2002 - 2005.

In addition, he is also a member of the Industry Applications Society and Chairman of the Electrochemical Subcommittee of the PCIC - Petroleum and Chemical Industry Committee. He is the author of the Rectifier Transformer chapter in the CRC book, “Electric Power Transformer Engineering”.

He also served as a part time Electrical Engineering Instructor at the Pennsylvania State University. He has a Bachelor of Science degree in Electrical Engineering from the Pennsylvania State University and is a licensed professional engineer.

Now bringing it a little closer to home here at Transformers Committee, this individual is not only a long time attendee, but most importantly – a steadfast contributor and a technical leader to many of our specialty product standards such as the semiconductor power rectifier transformers, arc furnace transformers, neutral grounding devices, and also the non-ventilated dry type transformers. He most recently completed the project for C57.12.32. And now he serves as our Insulation Life Subcommittee Chair.

The Transformers Committee presented a heartfelt congratulatory certificate of merit to recognize and celebrate Mr. Kennedy’s achievement.

The list of IEEE Fellows from the Transformers Committee as included below for reference (in alphabetical order the last name).

Name of IEEE Fellow	Year	Citation
Dennis J. Allan (Life Fellow)	1992	for contributions to the design and development of power transformers
Peter M. Balma	2013	for leadership in developing technical guides for electric power equipment
Ray Bartnikas (Life Fellow)	1977	for contributions to the field of dielectric and corona loss mechanisms in electrical insulating systems.
William H. Bartley (Life Fellow)	2014	for contributions to the development of generator and transformer standards for life cycle planning and risk assessment
Robert C. Degeneff (Life Fellow)	1993	for contributions to the modeling and computation of transient voltages in transformer windings
Ramsis S Girgis (Life Fellow)	1993	for contributions to reductions in the losses of large power transformers
James H. Harlow (Life Fellow)	2013	for leadership in IEEE technical and standardization committees on transformer technology
Philip J Hopkinson (Life Fellow)	2002	for contributions to the reliability of distribution transformers and the development of related standards for testing and application
Gary R Hoffman	2015	for leadership in the advancement of monitoring systems for power transformers and power line protection
Sheldon P	2016	for leadership in the technology and standards for rectifier, inverter and harmonic-

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Name of IEEE Fellow	Year	Citation
Kennedy		mitigating transformers.
William J McNutt (Life Fellow)	1976	for contributions to the design of power transformers and standardization of test procedures
Harold R. Moore (Life Fellow)	1997	for leadership in the development, design, and application of power transformers and associated equipment
Linden W. Pierce (Life Fellow)	2000	for contributions to the understanding of heat transfer and loading of liquid-immersed and dry type power and distribution transformers
Robert A. Veitch (Life Fellow)	1998	for leadership in the development and design of very large and extra high voltage transformers, shunt reactors and associated equipment
Loren B. Wagenaar (Life Fellow)	1996	for contributions to transformer and bushing test standards and specifications
Dean A. Yannucci (Life Fellow)	1990	for leadership in the development and manufacture of large power transformers

Committee members are encouraged to nominate our fellow contributors for this distinguished recognition of Fellow. Nominations for the next year's Class of Fellows must be completed and submitted by March 1 of each year, including references by at least five active IEEE Fellows and optional additional endorsements.

9.4. RECOGNITION OF IEEE STANDARDS ASSOCIATION AWARDS

In any successful organization, there are always a handful of hard working individuals behind the scene that put in the sweat and tears year after year in contributing to our success at each one of our meetings. The Transformers Committee is proud to acknowledge that Mr. Peter Balma has received the **IEEE STANDARDS ASSOCIATION 2015 DISTINGUISHED SERVICE AWARD**. We would like to take this occasion to also take a pause and recognize Peter for his many years of service to our committee and also to the industry.

Peter has been recognized for his leadership in the IEEE-SA Standards Board and his work towards Standards development within our IEEE PES Transformers Committee.

Peter has been a tireless member of the Board, member of NesCom, Chair and member of AudCom and Ad-Hoc Chair of numerous IEEE-SASB Ad-Hoc's, that by his leadership, resulted in important and needed revisions of the IEEE-SA Standards Board Operations Manual.

Peter continues to be a dedicated and tireless leader and admired and respected contributor to the development of IEEE PES Transformer Committee Standards.

The Distinguished Service Award is made annually to current member(s) or past member(s) of the IEEE-SA Standards Board to recognize distinguished service to the IEEE-SA based on major contributions to the standards development process.

Name of Award Recipients	Affiliation	Contributions
Peter Balma	<i>Peter Balma</i>	leadership in the IEEE-SA Standards Board and his work towards Standards development within our IEEE PES Transformers Committee

9.5. GENERAL SERVICE AWARDS

Certificate of Appreciations were presented to the following list of recipients for their contributions to the Transformers committee:

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Name of Award Recipients	Affiliation	Contributions
<i>Alan Traut</i>	<i>Power Partners, Inc.</i>	<i>Meeting Host – Spring 2016</i>
<i>Power Partners, Inc.</i>	<i>Power Partners, Inc.</i>	<i>Host Company– Spring 2016</i>
<i>Bruce Forsyth</i>	<i>Southwest Electric</i>	<i>Chair of Insulation Life Subcommittee (2010–2015)</i>

9.6. IEEE SA STANDARDS BOARD 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.

IEEE SA Award Recipients:

Since our last meeting, we had one document that was recognized after being approved by RevCom, and subsequently the SA Board. The members have received their recognition through the mail, but we have acknowledged them here at the Awards Lunch.

Revision to C57.12.59 - Guide for Dry-Type Transformer Through-Fault Current Duration

Paulette Payne Powell - Working Group Chair

Bipin Patel - Vice Chair

Other Significant Contributors

Charles Johnson

Rick Marek

Timothy Holdway

We have a number of working groups that have completed their projects, their standards documents have been published, but IEEE SA has failed to recognize them by awarding the SA plaques and Certificates of Appreciation. The Awards Chair will be working with IEEE SA to get these logistical and administrative problems resolved.

The 9 Working Groups were again recognized as a group, at our Tuesday luncheon, with the understanding that they may still request that the official plaque award ceremony be at a future Transformers Committee meeting.

NEW Transformer Standards Approved

C57.130 2015- Guide for the Use of Dissolved Gas Analysis Applied to Factory Temperature Rise Tests for the Evaluation of Mineral Oil-Immersed Transformers and Reactors

C57.157 2015- Guide for Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid Transformers

C57.163 2015- Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances

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REVISIONS to Transformer Standards approved

C57.12.34 2015- Standard for Requirements for Pad-Mounted, Compartmental Type, Self-Cooled, Three Phase Distribution Transformers, 10 MVA and Smaller;

C57.12.37 2015- Standard for the Electronic Reporting of Distribution Transformer Test Data

C57.12.59 2015- Guide for Dry-Type Transformer Through-Fault Current Duration

C57.125 2015- Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors

C57.637 2015- Guide for the Reclamation of Mineral Insulating Oil and Criteria for Its Use

NEW Amendments Approved

1538a 2015- Guide for Determination of Max Winding Temp Rise in Liquid Transformers - Amendment#1

9.7. BEST SUBCOMMITTEE AWARD

One of the key contributing factors to our success is how well the meetings are being conducted. A good meeting starts with planning ahead of the meeting. Prior to the meeting, the officers in charge will have to decide on a list of meaningful agenda topics, plan ahead on the amount the time it takes for each of the discussion items and getting the relevant information out to the meeting attendees so everyone can come prepared for a meaningful discussion. During the meeting, lots of things could easily go off on a tangent. Keeping the attendees aligned and on track with the agenda takes not only planning, but also on the spot leadership to facilitate the discussion during the meeting. Then there is the documentation of the discussion after the meeting in the meeting minutes. For these reasons, the award subcommittee will be recognizing our hard working activity leaders that are doing a great job of conducting the subcommittee meetings on a going forward basis.

The informal judging criteria consist of:

- Well established agenda ahead of time, with relevant and meaningful topics
- Good control of the meeting, following the established agenda
- Balanced discussions from the meeting participants, guided by the facilitation from the meeting chair
- Keeping track of time so the meeting ends on time, etc.

Based on these criteria, the Best Subcommittee Meeting Award from the Memphis meeting was evaluated by Bill Chiu. As recognition for their team work in conducting a well-run meeting we presented the award to the Distribution Transformer Subcommittee, with **Steve Shull** as the Chair, **Jerry Murphy** as the Vice Chair, and Secretary.

9.8. OTHER IEEE PES AWARDS

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](#)
- [IEEE PES IAS A.P. Seethapathy Rural Electrification Excellence Award](#)
Nominations due by February 1st
- [IEEE PES Charles Concordia Power Systems Engineering Award](#)
Nominations due by January 31st
- [IEEE PES Cyril Veinott Electromechanical Energy Conversion Award](#)
Nominations due by February 1st

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- [IEEE PES Douglas M. Staszkesky Distribution Automation Award](#)
Nominations due by January 1st
- [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](#)
- [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 31st
- [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 - [Call for Nominations](#)
- [IEEE PES Prize Paper Award](#)
- [IEEE Power & Energy Society Ramakumar Family Renewable Energy Excellence Award](#)
- [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 Student Prize Paper Award in Honor of T. Burke Hayes](#)
Nominations due by December 15th
- [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 Working Group Recognition Awards](#)
The PES Working Group Recognition Awards 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

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Meeting Awards Luncheon. A framed certificate will be presented to each Working Group member at a designated meeting of the parent Technical Committee.

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

9.9. PRESENTATION SLIDES FROM THE AWARDS LUNCHEON

The slides from the presentation used at the Tuesday's Awards Luncheon are included below for reference.



Power & Energy Society®

**Transformers Committee
Awards Luncheon**


2016 Spring Meeting
Atlanta, GA
March 22, 2016





*Tribute to Our Dear
Friends*



Special Tribute




Carl Niemann
1939 - 2015





Transformers Committee Awards Luncheon



Special Tribute



AC 'Sam' Hall
Nov 20, 2015



**TRANSFORMERS
COMMITTEE**



*Transformers Main Committee
Welcomes New Committee
Members*



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New Members –Spring 2016

<i>Ajith M. Varghese</i>	<i>SPX Transformers Solutions</i>
<i>Ryan Thompson</i>	<i>Burns & McDonnell</i>
<i>Stephanie Denzer</i>	<i>GE</i>
<i>Ronald Hernandez</i>	<i>Doble Engineering Company</i>
<i>Zan Kiparizoski</i>	<i>Howard Industries</i>
<i>Shamaun Hakim</i>	<i>CG Power Systems</i>

IEEE Fellow

IEEE Fellow is a distinction reserved for select IEEE members whose extraordinary accomplishments in any of the IEEE fields of interest are deemed fitting of this prestigious grade elevation.

The IEEE Grade of Fellow is conferred by the Board of Directors upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest..

Each new Fellow receives a certificate with a brief citation describing the accomplishment, a congratulatory letter from the incoming IEEE president and a gold sterling silver Fellow lapel pin with antique finish.



- ## IEEE Fellows from Transformers Committee
- Dennis J. Allan
 - Gary Hoffman
 - Peter M. Balma
 - Philip J. Hopkinson
 - Ray Bartnikas
 - Sheldon Kennedy
 - William Bartley
 - Harold R. Moore
 - Robert C. Degeneff
 - Linden W. Pierce
 - Ramsis S. Girgis
 - Robert A. Veitch
 - James H. Harlow
 - Loren B. Wagenaar
 - Dean A. Yannucci
- Transformers Committee Awards Luncheon

IEEE IEEE STANDARDS ASSOCIATION

DISTINGUISHED SERVICE AWARD

The Distinguished Service Award is made annually to current member(s) or past member(s) of the IEEE-SA Standards Board to recognize distinguished service to the IEEE-SA based on major contributions to the standards development process. Major contributions include but are not limited to the following examples:


- Enhancing the process through continued service on its major action committees.
- Leadership in developing new aspects of what the IEEE-SA can do to improve its procedural process.
- Interaction on behalf of the IEEE-SA to promote national and international growth of standards as a product of IEEE.
- Representing the IEEE-SA at various levels within IEEE Societies/Committees and other standards-developing organizations (ASME, IEC, etc.), which encourages the implementation of the IEEE Standards Association mission and its goals.

PETER BALMA

Peter Balma received the 2015 IEEE-SA's Distinguished Service Award. Peter has been recognized for his leadership in the IEEE-SA Standards Board and his work towards Standards development within our IEEE PES Transformers Committee.

Peter has been a tireless member of the Board, member of NesCom, Chair and member of AudCom and Ad-Hoc Chair of numerous IEEE-SASB Ad-Hoc's, that by his leadership, resulted in important and needed revisions of the IEEE-SA Standards Board Operations Manual.

Peter continues to be a dedicated and tireless leader and admired and respected contributor to the development of IEEE PES Transformer Committee Standards.



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Transformers Committee
General Service Awards
Host – Spring 2016 Meeting

Alan Traut
&
Power Partners, Inc.



Transformers Committee Awards Luncheon

Certificate of Appreciation



Power & Energy Society
Transformers Committee of the IEEE Power & Energy Society
Expresses Sincere Appreciation to

Alan Traut
For His Service as Host for the Spring 2016 Transformers Committee Meeting
Atlanta Georgia
March 20 – 24, 2016



Stephen Ambroz
Chair, Transformers Committee



Donald Platts
Chair, Recognition & Awards Subcommittee



Transformers Committee Awards Luncheon

Certificate of Appreciation



Power & Energy Society
Transformers Committee of the IEEE Power & Energy Society
Expresses Sincere Appreciation to

Power Partners, Inc.
As Host Company for the Spring 2016 Transformers Committee Meeting
Atlanta, Georgia
March 20 – 24, 2016



Stephen Ambroz
Chair, Transformers Committee



Donald Platts
Chair, Recognition & Awards Subcommittee



Transformers Committee Awards Luncheon


Transformers Committee
Working Group Recognition



Transformers Committee Awards Luncheon

NEW Transformer Standards Approved

C57.130	Guide for the Use of Dissolved Gas Analysis Applied to Factory Temperature Rise Tests for the Evaluation of Mineral Oil-Immersed Transformers and Reactors
C57.157	Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid Filled Transformers



Transformers Committee Awards Luncheon

Fall 2015 Meeting Memphis


NEW Transformer Standards Approved

C57.130	C57.157	C57.163
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REVISIONS to Transformer Standards Approved

C57.12.34	C57.12.37	C57.12.59
C57.125	C57.637	



NEW Amendments - 1538a



Transformers Committee Awards Luncheon



Approved REVISIONS to Transformer Standards

C57.12.37	Standard for the Electronic Reporting of Distribution Transformer Test Data Guide for the Use of Dissolved Gas Analysis Applied to Factory Temperature Rise Tests for the Evaluation of Mineral Oil-Immersed Transformers and Reactors
C57.130	Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid Filled Transformers
C57.157	Guide for the Reclamation of Mineral Insulating Oil and Criteria for Its Use
C57.637	

  Transformers Committee Awards Luncheon



Approved REVISIONS to Transformer Standards

C57.12.00	Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers
C57.12.90	Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers
C57.13	Standard Requirements for Instrument Transformers
C57.32	Standard Requirements, Terminology, and Test Procedures for Neutral Grounding Devices

  Transformers Committee Awards Luncheon

Approved REVISIONS to Transformer Standards

C57.94	Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers
C57.106	Guide for Acceptance and Maintenance of Insulating Oil in Equipment
C57.139	Guide for Dissolved Gas Analysis in Transformer Load Tap Changers

  Transformers Committee Awards Luncheon

NEW Amendments

1538a	Guide for Determination of Maximum Winding Temperature Rise in Liquid-Filled Transformers Amendment A
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  Transformers Committee Awards Luncheon

Revision to C57.12.59 - Guide for Dry-Type Transformer Through-Fault Current Duration

Paulette Payne Powell - Working Group Chair
Bipin Patel - Vice Chair

Other Significant Contributors

Charles Johnson
Rick Marek
Timothy Holdway

  Transformers Committee Awards Luncheon

The Best Subcommittee Meeting Award

Distribution Transformer Subcommittee

Steve Shull - Chair
Jerry R. Murphy - Vice Chair
?- Secretary



  Transformers Committee Awards Luncheon

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Respectfully submitted,

Donald W Platts

Chair, Recognitions and Awards Subcommittee