

2017

Entity: IEEE Insulated Conductors Committee

Chair: Earle C. (Rusty) Bascom, III

Vice-Chair: Henk Geene

Secretary: N.A.

1. Significant Accomplishments:

The following documents were completed:

- IEEE-1242 “IEEE Guide for Specifying and Selecting Power, Control, and Special-Purpose Cable for Petroleum and Chemical Plants”
- IEEE-1810 “IEEE Guide for the Installation of Fire-Rated Cables Suitable for Hydrocarbon Pool Fires for Critical and Emergency Shutdown Systems in Petroleum and Chemical Industries”

2. Benefits to Industry and PES Members from the Committee Work:

The documents above will be beneficial to the respective groups, generally in the area of utility power systems, industrial / petroleum plants, and nuclear facilities.

3. Benefits to Volunteer Participants from the Committee Work:

Volunteers involved in ICC work have the ability to influence the standards and guides used in the industry in which they work. ICC participation also provides opportunities to hear interesting and often educational presentations on relevant industry activities.

4. Recognition of Outstanding Performance:

ICC Certificates of Appreciation

At each ICC meeting, Certificates of Appreciation are presented for the best presentation at a Subcommittee, Working Group, Discussion Group or Educational Program meeting. The following were distributed to the Subcommittee Chairs for presentation within their respective Subcommittees:

Recipient	Citation
Paul Caronia	For Best Presentation at the Fall 2016 Subcommittee A Meeting <i>Recent Developments in Peroxide Crosslinked Polyethylene</i>
Andrew R. Morris	For Best Presentation at the Fall 2016 Subcommittee C Meeting <i>Empirical Data on Heat Energy Liberated During Arcing Cable and Accessory Faults</i>
Sarajit Banerjee	For Best Presentation at the Fall 2016 Subcommittee D Meeting <i>PD Testing of Nuclear Power Plant Cables – Technical Considerations</i>



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Boguslaw Bochenski	For Best Presentation at the Fall 2016 Subcommittee D Meeting <i>PD Testing of Nuclear Power Plant Cables – Technical Considerations</i>
Alfred Mendelsohn	For Best Presentation at the Fall 2016 Subcommittee F Meeting <i>AC and PD Commissioning Testing of First 500 kV Underground Transmission Circuit in North America</i>
Jon Erickson	For Best Presentation at the Spring 2017 Subcommittee A Meeting <i>Intelligent Undergrounding at San Diego Gas & Electric</i>
Aaron Norris	For Best Presentation at the Spring 2017 Subcommittee B Meeting <i>Knifeless Cable Preparation Technology, a Utility Perspective</i>
Kishan Kasondra	For Best Presentation at the Spring 2017 Subcommittee C Meeting <i>Los Angeles Department of Water & Power – 138 kV Cable Replacement Project</i>
John Eidinger	For Best Presentation at the Spring 2017 Discussion Group C39 Meeting <i>Seismic Performance of Buried High Voltage Cables: Successes and Failures</i>
Drew Mantey	For Best Presentation at the Spring 2017 Subcommittee D Meeting <i>Cable Aging Management Programs at Nuclear Power Plants</i>
Arie Makovoz	For Best Presentation at the Spring 2017 Subcommittee F Meeting <i>Pipe-Type Joint Assessment Utilizing Digital X-Ray Technology</i>
Stephen Halliwell	For Best Presentation at the Spring 2017 Subcommittee F Meeting <i>Pipe-Type Joint Assessment Utilizing Digital X-Ray Technology</i>

IEEE PES Technical Committee Certificates of Appreciation

IEEE PES Technical Committee Certificates of Appreciation are presented to all outgoing Subcommittee, Working Group and Discussion Group Chairs and Vice Chairs, or upon publication of their IEEE standard or guide.

Recipient	Citation
Mark Walton	For Services Rendered as Chair, Subcommittee A <i>Cable Construction and Design</i> Spring 2014 – Fall 2016
Mark Fenger	For Services Rendered as Chair, Chair, Subcommittee F <i>Field Testing and Diagnostics</i> Fall 2014 – Fall 2016
Michael Smalley	For Services Rendered as Chair, Advisory Committee Spring 2014 – Fall 2016
Farris Jibril	For Services Rendered as Chair, Working Group B6 <i>IEEE 1299-1996 Guide for the Connection of Surge Arresters to Protect Insulated, Shielded Electric Power Cable Systems</i>
Farris Jibril	For Services Rendered as Vice-Chair, Working Group B10 <i>IEEE 1637-2010 Guide to Select Terminations for Shielded Alternating-Current Power Cable Rated 5 kV - 46 kV</i>
Tim Wall	For Services Rendered as Chair, Working Group B16 <i>IEEE 386-2016 Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV</i>
David Hughes	For Services Rendered as Vice-Chair, Working Group B16 <i>IEEE 386-2016</i>



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	<i>Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV</i>
Jim Hunt	For Services Rendered as Chair, Discussion Group C3 <i>Magnetic Fields of Underground Cables</i>
Bruce Bernstein	For Services Rendered as Chair, Working Group C30 <i>IEEE P1879 - Trial Use Guide for Extending the Life of Power Cables in the Field</i>
Rick Piteo	For Services Rendered as Vice-Chair, Working Group C30 <i>IEEE P1879 - Trial Use Guide for Extending the Life of Power Cables in the Field</i>
Art Maldonado	For Services Rendered as Chair, Working Group D3 <i>IEEE 1242-2016 Guide for Specifying and Selecting Power, Control, and Special-Purpose Cable for Petroleum and Chemical Plants</i>
Ken Bow	For Services Rendered as Vice-Chair, Working Group D3 <i>IEEE 1242-2016 Guide for Specifying and Selecting Power, Control, and Special-Purpose Cable for Petroleum and Chemical Plants</i>
Michael Joseph	For Services Rendered as Chair, Working Group A7 <i>Guide for Selecting and Testing Jackets for Underground Cables</i>
Mike Smalley	For Services Rendered as Chair, Discussion Group A14 <i>Power Cable Standards</i>
Todd Richardson	For Services Rendered as Chair, Working Group B3 <i>Revision of IEEE 592 Standard for Semiconducting Shields on Medium-Voltage (15kV - 35kV) Cable Joints and Separable Connectors</i>
Fran Angerer	For Services Rendered as Chair, Working Group B17 <i>IEEE 1610-2016 Guide for the Application of Faulted Circuit Indicators on Distribution Circuits</i>
Briana Reed-Harmel	For Services Rendered as Vice-Chair, Working Group B17 <i>IEEE 1610-2016 Guide for the Application of Faulted Circuit Indicators on Distribution Circuits</i>
Gil Shoshani	For Services Rendered as Chair, Working Group D18 <i>IEEE 1810-2017 Guide for the Installation of Fire-Rated Cables Suitable for Hydrocarbon Pool Fires for Critical and Emergency Shutdown Systems in Petroleum and Chemical Industries</i>
Mick Bayer	For Services Rendered as Vice-Chair, Working Group D18 <i>IEEE 1810-2017 Guide for the Installation of Fire-Rated Cables Suitable for Hydrocarbon Pool Fires for Critical and Emergency Shutdown Systems in Petroleum and Chemical Industries</i>

2016 IEEE-SA Standards Medallion

The Standards Medallion is awarded for major contributions to the development of standards. Examples include but are not limited to the following:

- Leadership in standardization of new technologies
- Assuring achievement of standards development goals
- Identifying opportunities to better serve the needs of standards users
- Other contributions viewed as deserving of such recognition



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Sudhakar Cherukupalli was selected as a recipient of the IEEE-SA Standards Medallion “for significant contribution towards development of standards pertaining to Real-time Ratings for Transmission Cable Circuits, DGA Interpretation for Condition Assessment of High Voltage Oil-Filled Cables and towards the Education Committee of the IEEE Dielectrics and Electrical Insulation Society (DEIS).” This award was presented to him at a dinner ceremony held in Somerset, New Jersey on December 4, 2016.

2017 Technical Committee Distinguished Service Award

Each Technical Committee is encouraged to select one individual to for this award for outstanding service to the committee. This personal recognition acknowledges the efforts of an individual whose sustained performance, over many years, has contributed to the advancement of the committee technology.

Bill Taylor received the 2017 Technical Committee Distinguished Service Award with the following citation: *For his leadership of cable accessory Working and Discussion Groups and for mentoring of new engineers via educational presentations at Subcommittee and Educational Programs.*

5. Coordination with Other Entities (PES Committees, CIGRE, standards, etc.):

IAS/PCIC, PES/NPEC, and PES/PGC. In addition coordination with CSA, Mexico, and UL takes place on a working group level for some selected standards for which there is mutual interest. We also have a liaison with CIGRE Group B1 that also focuses on insulated conductors.

6. New Technologies of Interest to the Committee:

7. Significant Plans for the Next Period:

There are many guides and standards coming up for revision within the ICC. The group plans to work toward revisions to these documents as required.

8. Global Involvement

PES is looking to increase involvement with members from Regions 8, 9 and 10 (Africa, Europe, Middle East, Latin America, Asia and Pacific). Please provide the following information

Total Number of committee members	Officers from regions 8,9 and 10	Subcommittee officers from regions 8, 9 and 10	Subcommittee members from regions 8,9, and 10
	0	0	

Total	North America	Europe	Asia	Africa	South/Central America
1443	104	130	54	2	7

Submitted by: Earle C. (Rusty) Bascom, III, ICC Chair

Date: 1-Feb-2018