

IEEE Switchgear Committee
Education, Recognition, and Publications Subcommittee
Meeting Minutes

May 1, 2019
Burlington, VT

1. Meeting was called to order at 12:25. Introductions and affiliations were provided. A quorum was present.
2. Public minutes of the Fall 2018 meeting were reviewed and unanimously approved without corrections by consensus.
3. Awards status - The spreadsheet of upcoming awards nominations was reviewed, and nomination assignments were made. The chair will individually follow up with the nominators to ensure timely submission of upcoming nominations. Frank DeCesaro, Steve Meiners, Dave Mitchell, Ted Olsen, Tim Royster were elevated to honorary member. Deceased members Paul Notarian and Bob Puckett will be recognized with a tribute at the Main Committee meeting.
4. TCPC Report – Alex Lizardo reported the following:
 - 4.1. Poster session ideas for PES General Meeting,
 - 4.1.1. Two conference papers, "*A Survey on Mechanical Switches for Hybrid Circuit Breakers*" and "*A Hybrid DC Circuit Breaker with Capability of Reducing Reclosing*", were both accepted as poster sessions and will be presented in August at the IEEE PES General Meeting to be held in Atlanta, Georgia.
 - 4.1.2. The call for papers for the 2020 IEEE PES T&D Conference and Exposition has been issued with the theme "Electrifying the Future". The submission site opens July 8, 2019. All papers must be submitted by August 5, 2019. The theme's focus is to highlight the future state while focusing on challenges that have been solved to achieve the current state of the power and energy industry. For details, including key topic areas, please visit : <https://www.ieeet-d.org/IEEE20/CUSTOM/2020CallForPapers.pdf> .
 - 4.2. Potential WGs' for Poster session ideas (deadline is end of May 2019)

Targeted standards include:

 - 4.2.1. Alternative gases
 - 4.2.2. Changes to C37.20.7
 - 4.2.3. New standard C37.20.9

Note, Eldridge Bryon will also execute Webinar which will subsequently be posted on IEEE Resource Center.

 - 4.2.4. HVS: C37.30.3 & C37.30.4

Others: SC Chairs are asked to promote this with WG Chairs.
5. Report of Transactions Technical Paper Editors (Kirk Smith / Kevin Sippel)
 - HV: One (1) reviewed, Jan 2019. Reviewers did not accept. 2nd received (May 2019). To be reviewed.
 - LV: None
6. Advanced IEEE Membership Grades –
 - IEEE Fellows Nominations

- o Anne Bosma (for class of 2017 & 2018) – not advanced
 - o Class of 2019 - Joanne Hu – not advanced
 - o Class of 2020 – Kirk Smith (Bill Long); George Becker (John Brunke)
 - o Class of 2021 (Nominations open ~10/1/19): John Leach (John Webb); Ted Olsen (Allan Morse)
7. Switchgear Committee Fellows Task Force – The plan is to form a group under ER&P with Fellows as advisors and a Non-Fellow to act as a coordinator for the effort. Training session was conducted by Keith Flowers with some interest. The submissions of the past are understood to not be effective. Improvements and documents developed by IEEE were shared in the training. The target is to identify a leader who is process and detail-oriented with follow-up capability.
 8. Awards to be recognized at Main Committee Meeting – Members and chairs of working groups C37.30.1a, C37.30.5, C37.21, C37.13.1, C37.010, C37.41, C37.20.10, C37.27, C37.11, C37.12, C37.12.1, C37.60 (plaque only) will receive their certificates and plaques during the Main Committee meeting. The chair will continue to work with IEEE to resolve the backlog of working group awards and to improve the timeliness of these awards in the future.
 9. Technical presentations – the following are the presentations for this meeting and the ideas suggested for future meetings:
 - 9.1. Spring 2019
 - 9.1.1. Tuesday: What is the PES Resource Center? – Dean Fiorino
 - 9.1.2. Thursday: HV Fuse Tutorial and Application Guide or how I learned to stop worrying and love the fuse protection – Dr. John Leach
 - 9.2. Fall 2019
 - 9.2.1. Tuesday – TBD
 - 9.2.2. Thursday – Shunt Reactor Switching: Theory and Practice – Dave Peelo
 - 9.3. Future Meetings
 - 9.3.1. Tuesday: IEEE Fellows Process – TBD
 - Lubrication Aging Qualification – Framatome
 - History of SF6
 - Oncor DOC – Fort Worth
 - Westinghouse, Edison, & Tesla – classmate of John Webb
 - 9.3.2. Thursday: Modeling Plant Generation Systems or High-Energy Arcing Faults – Jim Sharkey
 - Test Report Interpretation – Rob Warren
 - Transformational Changes In Switchgear Panel Discussion – Nenad Uzelac
 - Oncor DOC Tour or Microgrid Tour - Fort Worth
 - Panel Session – DER
 - Batteries / Energy Storage – Reno (Tesla)
 - Guidelines and best practices for Controlled Switching – Nenad Uzelac
 - Surge Arrestors – Jon Woodworth
 10. Marketing & Communications Report - Brad Armstrong
 - 10.1. Waive fees for IEEE Student Members to attend meeting when near a college or university.
 - 10.1.1. Vermont Technical College and Dartmouth College were targeted for Burlington, VT meeting with no students attending

- 10.1.2. We agree to have 15 one-day passes for EE students at universities near meetings
- 10.2. Review of items on website for transfer to PES Resource Center
 - 10.2.1. Shana Pepin (IEEE) strongly supportive – identifying opportunities.
 - 10.2.2. Discussion of what to share for presentations.
 - 10.2.2.1. Previous presentations: Will request if IEEE has resource to transfer past presentations to IEEE templates.
 - 10.2.2.2. Future presentations: Will share template for use and communicate intentions to share via IEEE PES Resource Center
- 11. Monday training seminars [Box lunches available for purchase]
 - 11.1.1. Spring 2019 - O&P / P&P / WG P&P Training
 - 11.1.2. Fall 2019 – 123Signup Refresher Training – Jeremy Hensberger / Ken Edwards
 - 11.1.3. iMeetCentral
 - 11.1.4. My Project
 - 11.1.5. WG Comment Resolution Training – Doug Edwards
- 12. Mentoring Program for WG Chairs / Officers – A need has been identified to develop pipeline for future working group chairs and officers via a mentoring program. Ideas include developing list of WG/committee officers, adding badge ribbons, and developing a searchable database of experts. Paul Sullivan volunteered to review.
- 13. PDH certificates for future meetings – it was suggested by Keith Flowers that we investigate issuing PDH certificates for the working group and other meetings and not just for the Thursday presentation as is done by the Traction Power committee and others. Paul Sullivan volunteered to take responsibility to help organize and setup this process and hopefully implement for the Fall meeting.
- 14. New Business
 - C84.1 – Voltage Range expansion 110%
 - In process – What to do. Request to S/C Chairs help
 - 1. Solicit comments to NEMA by all member.
 - 2. Solicit comments on IEEE ballot – alert that ballot pool invitation is expected within next couple of days (within the week) for IEEE 1547.1.
 - 3. FYI - Recommendation to AdsCom (in turn to MC) to communicate risk to Tech Council
 - 4. FYI – PES Switchgear to provide Position Paper to NEMA. This will require 2/3 approval of MC.
 - 5. FYI – There is ANSI public review period. Request S/C’s to solicit all members to participant in public review, as appropriate by individuals, during ANSI Public review period.
 - PES Resource Center – Website review
 - Shana Pepin request review
 - Copyright review – by May 17
 - Schedule forecast for new content, e.g. webinars, tutorials, technical reports, industry surveys, tools, etc.
 - “Meet the Committee” Webinar – by May 17
- 15. Meeting adjourned at 1:30 PM.

Education Recognition and Publications Subcommittee Attendance

Role	Name	Attendance
Chair, ERP	Allan Morse	Present
Chair, Switchgear Cmte	Todd Irwin	Present
Vice-Chair, Switchgear Cmte	Keith Flowers	Present
Secretary, Switchgear Cmte	Doug Edwards	Present
Immediate Past Chair, Switchgear Cmte	Paul Sullivan	Present
Chair, HVCB Subcommittee	Victor Hermosillo	Present
Chair, HVF Subcommittee	James Wenzel	Present
Chair, HVS Subcommittee	James Houston	Present
Chair, LVSD Subcommittee	David Dunne	Present
Chair, RODE Subcommittee	Francois Soulard	Present
Chair, SA Subcommittee	Tom Hawkins	Present
Chair, T&I Subcommittee	Nenad Uzelac	Present
Fellows Coordinator	Leslie Falkingham	Absent
Transaction Editor (HV)	Kirk Smith	Present
Transaction Editor (LV)	Kevin Sippel	Absent
Tech. Council Programs Coordinator (TCPC)	Alex Lizardo	Present
Marketing / Communications	Brad Armstrong	Present