

IEEE/PES TRANSFORMERS COMMITTEE

Fall 2019 Meeting; Columbus, OH

Administrative Subcommittee Minutes

Sunday, Oct 26, 2019

2:00 PM – 5:00 PM

Chair: Sue McNelly **Vice Chair:** Bruce Forsyth **Secretary:** Ed teNyenhuis
Treasurer: Paul Boman **Awards Chair/Past Chair:** Stephen Antosz **Standards Coordinator:** Jim Graham

9. ADMINISTRATIVE SUBCOMMITTEE – SUE MCNELLY

9.1 Introduction of Members and Guests

The Chair called the meeting to order and asked attendees to introduce themselves and their affiliation. Consultants were asked to identify the company they were representing if they were not representing their own consulting interest. Introductions were made by members and guests.

Members and Guests Present:

Chair.....	Susan McNelly
Secretary	Ed teNyenhuis
Treasurer	Paul Boman
Standards Coordinator	Jim Graham
Awards/Past Chair	Stephen Antosz
Bushings	Peter Zhao, Eric Weatherbee
Dielectric Tests	Ajith Varghese
Distribution Transformers	Ed Smith
Dry Type Transformers	Casey Ballard, Chuck Johnson
HVDC Converter Transformers & Reactors	Ulf Radbrandt
Instrument Transformers	Thomas Sizemore
Insulating Fluids	David Wallach
Insulation Life	Sheldon Kennedy
Performance Characteristics	Craig Stiegemeier
Power Transformers	Bill Griesacker
Standards.....	Jerry Murphy
Underground Transformers & Network Protectors	George Payerle

Guests: Malia Zaman, Nikoi Nikoi, Ashley Moran, Gary Hoffman, Peter Balma
Absent: Tammy Behrens

9.2 Approval of Previous Meeting Minutes

The Chair asked for comments of the Spring 2019 Administrative Subcommittee meeting minutes. A motion to approve the minutes was given by Ajith Varghese (seconded by Jerry Murphy). There were no comments and no objections to unanimous approval, therefore the minutes were approved.

9.3 Additions to and/or Approval of the Agenda

The Chair noted 2 new items to be added under new under new business (SCC04 Electrical Insulation and Senior Membership) to the preliminary agenda that was previously distributed. A motion to approve the revised agenda was given by Chuck Johnson (seconded by Jerry Murphy) and there were no objections to unanimous approval of the revised agenda, therefore the below agenda was approved.

Approved Agenda:

1. Introduction of Members and Guests (:05)..... All
2. Approval of Spring 2019 Minutes (:03) Sue McNelly
3. Additions to and/or Approval of the Agenda (:02)..... Sue McNelly
4. Chair’s Report (:10)..... Sue McNelly
5. Vice Chair’s Report (:05) Bruce Forsyth
6. Secretary’s Report & New Committee Membership Approval (:15)Ed teNyenhuis
7. Treasurer’s Report (:05) Paul Boman

Time Check (2:45 pm)

8. Recognition & Awards Report (:05)..... Stephen Antosz
9. Standards Report (:15)..... Jim Graham
10. New PAR Requests (since last meeting) (:05) Jim Graham
11. IEEE Staff Update (:10)..... Malia Zaman
12. Meeting Planning (:10)..... Tammy Behrens

Time Check (3:30 pm) & Break (15 min)

13. Old Business
 - 13.1. Update on Entity Projects (:05) Sue McNelly
 - 13.2. Individual Working Group P&P Manual (:05) Bruce Forsyth
 - 13.3. Entity Working Group P&P Manual (:05) Bruce Forsyth
14. New Business
 - 14.1. SCC04 Electrical Insulation Future (:05) Sue McNelly
 - 14.2. Senior Membership Peter Balma

Time Check – 4:35 PM

15. Subcommittee Reports – Roundtable (not intended to indicate order of reporting)
 - 15.1. Bushings (:03)..... Peter Zhao
 - 15.2. Dielectric Test (:03)..... Ajith Varghese
 - 15.3. Distribution Transformers (:03)..... Ed Smith
 - 15.4. Dry Type Transformers (:03)..... Casey Ballard
 - 15.5. HVDC (:03) Ulf Radbrandt
 - 15.6. Instrument Transformers (:03)..... Thomas Sizemore
 - 15.7. Insulating Fluids (:03)..... David Wallach
 - 15.8. Insulation Life (:03)..... Sheldon Kennedy
 - 15.9. Performance Characteristics (:03) Craig Stiegemeier
 - 15.10. Power Transformers (:03)..... Bill Griesacker
 - 15.11. Standards (:03)..... Jerry Murphy
 - 15.12. Subsurface Transformers & Network Protectors (:03) George Payerle
16. Adjourn

9.4 Chair's Report – Sue McNelly

Refer to Section 4.0 of the Main Minutes for a complete “Chair’s Report.”

9.5 Vice Chair's Report – Bruce Forsyth

Refer to Section 5.0 of the Main Minutes for a complete “Vice Chair’s Report.”

9.6 Secretary's Report – Ed teNyenhuis

Refer to Section 6.0 of the Main Minutes for a complete “Secretary’s Report.”

A motion to approve the 10 new members with the comment that the Secretary would confirm the membership dates for one of the prospective members was made by Ed teNyenhuis and seconded by Bruce Forsyth. There were no objections to unanimous approval of the motion and therefore the motion was approved

9.7 Treasurer's Report – Paul Boman

Refer to Section 7.0 of the Main Minutes for a complete “Treasurer’s Report.”

9.8 Recognition & Awards Report – Stephen Antosz

Refer to Section 8.0 of the Main Minutes for a complete “Recognition & Award’s Report.”

9.9 Standards Report and New PAR Requests – Jim Graham

Refer to Section 10.0 of the Main Minutes for a complete “Standards Report.”

Below is a Status update for Entity Activity Proposals:

- Entity New PAR proposal titled “Guide for Control and Protection System test of Hybrid Multi-terminal HVDC” was determined to be out of scope for the Transformers Committee.
- Entity New PAR proposal titled: “Guide for testing mechanical acoustic imaging of high voltage reactors” was reviewed by AdCom and rejected. The proposed scope overlapped two existing standards, C57.21 and C57.127.
- Entity New PAR proposal titled: “Guide for On-site Inductive Oscillating Switching Impulse Test of Oil-immersed Power Transformers” was evaluated by AdCom and rejected. The requester was referred to Dielectric Test Subcommittee for review.
- Entity New PAR proposal titled “Recommended practice for the on-load capacity regulating distribution power transformer” was referred to Distribution Transformers subcommittee for additional review.
- Entity New PAR proposal titled “Fault warning for transformer bushing by monitoring the inner pressure” was referred to Power Transformers Subcommittee and the PC57.143 working group on monitoring for review.
- Entity New PAR proposal titled “Guide for the Operating Vibration Test of the HVDC Converter Transformers” was referred to Performance Characteristics, HV Converters & Smoothing Reactors, and Dielectric Tests subcommittees for review.
- Entity New PAR proposal titled “Guide for Cold Start of Power Transformers Filled with Natural Ester Fluids Section 3” was determined to not merit a standalone document after executive review.

The requester was referred to Power Transformers subcommittee for consideration of amending or revising C57.93, the installation guide.

- Entity New PAR proposal titled “Guide for application of neutral grounding device of arc suppression coil paralleling low resistive impedance” was referred to Performance Characteristics subcommittee for review and possible amendment or revision of C57.32, neutral ground devices guide.
- Entity New PAR proposal titled “Guide Technical Specifications for Smart Distribution Transformer Terminals” was determined by executive review to be out of scope for the Transformers Committee and referred to PSIM technical committee.
- Entity New PAR proposal titled “Guidelines for the synchronous monitoring of DC bias current distribution in power grid” was referred to members of the working group for C57.163, the geomagnetic disturbances for review and comment. This may result in a referral to Standards subcommittee if the review is favorable.

9.10 IEEE Staff Update – Malia Zaman

Refer to **Appendix 7** of the Main Minutes for the full PowerPoint presentation.

9.11 Meeting Planning Report – Tammy Behrens

No report was given.

9.12 Old Business

9.12.1 Update on Entity Projects

See Section 9.9.

9.12.2 Individual Working Group P&P Manual

See **Appendix 9** of the Main Minutes for the power point presentation to be given at the General Session.

See **Appendix 10** of the Main Minutes for the Manual to be voted upon.

9.12.3 Entity Working Group P&P Manual

See **Appendix 9** of the Main Minutes for the power point presentation to be given at the General Session.

See **Appendix 11** of the Main Minutes for the Manual to be voted upon.

9.13 New Business

9.13.1 SCC04 Electrical Insulation Future

It was requested by IEEE that the Transformer Committee consider managing SCC04 Electrical Insulation. It was agreed that this does not fall under the scope of the Transformer Committee.

9.13.2 Senior Membership

Peter Balma will present at the Monday General Session a brief review of the benefits and how to apply for senior membership.

9.14 Subcommittee Reports

Reports were received from all the subcommittee chairs.

9.15 Adjournment

The meeting was adjourned at 4.38 PM.

Submitted by:

Ed teNyenhuis,
Secretary, Transformers Committee

Oct 30, 2019