

IEEE PES Transformers Committee
Liaison Report for General Session Meeting – October 30, 2017
Standards Coordinating Committee on Electrical Insulation – SCC 04

Standards Coordinating Committee 04 oversees development of standards for Electrical Insulation that span the scope of multiple Technical Committees and Societies (e.g., Dielectric and Electrical Insulation, and Power Engineering) within IEEE.

1. Scope:

- To formulate guiding principles for the evaluation of insulation materials and systems for electrical and electronic applications.
- To formulate principles for the identification of insulation materials and systems based on functional tests and/or experience.
- To coordinate the preparation of standards for functional test programs and diagnostic methods for the evaluation of insulation materials and systems.

2. Standards:

- **IEEE 1-2000 (R2011)** Recommended Practice – General Temperature Limits in the Rating of Electrical Equipment and for the Evaluation of Electrical Insulation
- **IEEE 98-2016** Standard for the Preparation of Test Procedures for the Thermal Evaluation of Solid Electrical Insulating Materials
- **IEEE 99-2008** Recommended Practice for the Preparation of Test Procedures for the Thermal Evaluation of Insulation Systems for Electrical Equipment

3. Current Activities:

- **IEEE 99** –PAR expires Dec 2020. Initial draft and comments are being reviewed by the Working Group. *Working Group is aiming for completion for balloting by Dec 2017 to meet the document expiration of Dec 2018.* Anyone interested in joining the P99 WG can contact the chairperson, Evanne Wang: Evanne.Wang@dupont.com
- **IEEE 1** –Review of document has been initiated within the subcommittee for determining the scope of work for the next revision. Soliciting volunteers for review and revision of this standard which expires 12/31/21.

For those interested in joining SCC04 or WG for revision of IEEE 1, please contact the Chairperson, Paulette Payne Powell: papayne@ieee.org

Respectfully submitted,
Evanne Wang