

March 26, 2017

IEEE PES Transformers Committee
Liaison Report for General Session Meeting – April 3, 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 is being reviewed by the Working Group. We appreciate the Transformers Committee providing a room for the WG meeting. Anyone interested in joining the P99 WG can contact the chairperson, Evanne Wang: Evanne.Wang@dupont.com

4. Future Plans:

- **IEEE 1** – Solicit volunteers for review and revision of standard which expires 12/31/21.

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

Respectfully submitted,
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