

# **Standards Coordination Committee (SCC) 4 Electrical Insulation Liaison Report IEEE PES Transformer Committee**

March 11, 2024– Spring Meeting,  
Vancouver, BC  
Evanne Wang

# Standards Coordinating Committee on Electrical Insulation – SCC 04

- 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.

# Standards Coordinating Committee on Electrical Insulation – SCC 04

## – 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 99-2019 Recommended Practice for the Preparation of Test Procedures for the Thermal Evaluation of Insulation Systems for Electrical Equipment

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## – Current Activities

- IEEE 1 – Standard expired 12/31/2021, and current PAR expires 12/31/2024. The Chair will decide whether to allow the current PAR to expire at the end of this year and file a new PAR or file a PAR extension request.
- All work for this document is being conducted virtually. Working group has met twice since September 2023, and the next meeting will take place in April 2024.
- Join us: IEEE 1 Chair – Brad Greaves ([brad.greaves@weidmann-group.com](mailto:brad.greaves@weidmann-group.com))

# Standards Coordinating Committee on Electrical Insulation – SCC 04

– Interested in participating? Contact:

- SCC04 Chair – Evanne Wang ([evanne.wang@dupont.com](mailto:evanne.wang@dupont.com))
- IEEE 1 Chair – Brad Greaves ([brad.greaves@weidmann-group.com](mailto:brad.greaves@weidmann-group.com))