



IEC TC14 Power Transformers

Chairman: Christoph Ploetner, DE

Secretary: Stephanie Lavy, UK

Status Report to

IEEE Transformers Committee

2023 October, Kansas City





General Information TC 14

- Membership (countries) 48
 - **P - Members** 35
 - **O - Members** 13
- Active experts 251
- Currently active MT, PT, WG, AG, AHG 10 + 3 joint groups
- Documents in charge of (TR, TS, IS) 40
 - under maintenance / in development 11 / 0**
 - **IEC/IEEE common documents 6 (2 out of 6 in revision)**



TC 14 Plenary Meeting

- Plenary meeting = Strategy meeting
 - review projects' progress, update work program
 - initiate new work item proposals – decide on WG Chairs
 - Make as many as possible decisions to minimize circulations
 - to hold on yearly basis – **last meeting held in Marlborough (Boston), MA, US – 2023 June 22-23**
 - Next meeting will be held in Nuremberg in April 2024



Revisions of 11 documents in progress

- IEC 60076-1 General
- IEC 60076-2 Temperature rise test
- IEC 60076-4 Guide to the LI and SI testing
- IEC 60076-5 Ability to withstand short circuit
- IEC 60076-6 Reactors
- IEC 60076-9 Terminal and tapping markings
- IEC 60076-18 Measurement of Frequency Response
- IEC 60076-19 Uncertainties in Loss Measurements
- IEC 62032 / Phase Shifter Guide –
IEEE C57-135 to become after revision IEC/IEEE 60076-57-135
- IEC/IEEE 60076-57-129 HVDC Converter Transformers
- IEC 60076-26 Functional requirements of insulating liquids for use in
power transformers



IEC-IEEE relevant meetings this week

- USTAG Meeting (Tom Prevost)
 - Review TC 14 work program
 - Review specifically status of Dual Logo documents
 - Discuss general interaction IEEE Transformers Committee – IEC TC14
- WG C57.135 Guide for Phase-shifting transformers (Ewald Schweiger)
 - IEEE C57.135 will be merged with IEC 62032 into **IEC/IEEE 60076-57-135**
 - New title will be: ***“Technical guideline for the Application, Specification, and Testing of Phase-Shifting Transformers”***
 - Sister WG on IEC side established, Convener: Kevin Juchem, DE
- **IEC/IEEE 60076-57-129** HVDC Converter Transformers (Waldemar Ziomek)
 - PAR to file – New WG to start its activities during this meeting
 - Sister WG on IEC site in set up process, Convener: Candidate identified