

Power Transformer Subcommittee

Working Group Report

Document #: C57.131

Document Title: Standard Performance Requirements and Test Methods for Tap-changers

Chair: Craig A. Colopy Vice-Chair: Axel Kraemer

Secretary: Adam M. Sewell Percent Complete: 0% - initial WG meeting

Current Draft Being Worked On: 1.0 Dated: TBD

PAR Expiration Date: December 31, 2024

Meeting Date: 26 April 2021 Time: 12:55pm-2:10pm CST

Location: Virtual Online Meeting

Attendance: Members 3 / 3

Guests 16

Guests Requesting Membership 24 (all become members)

Total* 43

* Attendance list for this meeting is shown at end of meeting minutes

Meeting Minutes / Significant Issues / Comments:

1. Meeting was called to order at 12:55 pm, April 26, 2021.
2. Opening of meeting and officer introductions.
 - a. Chair-Craig Colopy-EATON Corporation, Vice Chair-Axel Kraemer-Maschinenfabrik Reinhausen, Secretary-Adam Sewell-Quality Switch, Inc.
3. Poll - Request for Members
 - a. The chair, vice-chair, and secretary were counted as working group members. Since this was the first meeting as a working group, all guests requesting membership were added as members per the chair.
 - b. Other participants were recorded as guests.
4. Discussion on past goal of IEC/IEEE dual logo (60214-1)
 - a. Direct adoption of IEC 60214-1 (2014) was not allowed so a revision and harmonization of existing C57.131-2012 with 60214-1 was next option.
5. PAR approved in December 2020 and expires December 31, 2024.
 - a. Need for the Project: The current standard is expiring in 2022. It is being revised to be in sync with the IEC standard 60214-1 Ed. 2.0. May 2014.
6. Timeline – Expiration of C57.131-2012.
 - a. Current C57.131-2012 expires in 2022 (10 year cycle). This WG is to bring the standard in harmony with the current IEC 60214-1.
7. Draft 1.0 – Harmonize with IEC 60214-1 (2014) --- addition of IEC references, vacuum tap-changers, SF6 tap-changers and voltage regulators.

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- a. Draft will be sent out to WG for review when available
- 8. Next meeting(s) TBD before the next Transformer Committee Meeting - Oct 18, 2021 in Milwaukee, WI, USA
 - a. Chair was asked and will investigate time slots for this working group at the next Transformer Committee meeting due to the time conflict with WG PC57.152 Guide for Field Testing.
- 9. Close of meeting
 - a. Meeting adjourned at 1:23 pm.

Meeting Attendance

First Name	Last Name	Company Name	Role
Craig	Colopy	EATON Corporation	Chair
Axel	Kraemer	Maschinenfabrik Reinhausen	Vice-Chair
Adam	Sewell	Quality Switch, Inc.	Secretary
Allan	Bartek	Spruce Run Engineering LLC	Member
Thomas	Dauzat	General Electric	Member
Larry	Dix	Quality Switch, Inc.	Member
Florin	Faur	SPX Transformer Solutions, Inc.	Member
David	Geibel	Hitachi ABB Power Grids	Member
Saramma	Hoffman	PPL Electric Utilities	Member
Peter	Kleine	US Army Corps of Engineers	Member
Olivier	Lejay	Huaming USA Corp.	Member
Weijun	Li	Braintree Electric Light Dept.	Member
Lee	Matthews	Howard Industries	Member
Kristopher	Neild	Megger	Member
Lina	Sandsten	Hitachi Power Grids	Member
Stefan	Schindler	Maschinenfabrik Reinhausen	Member
Eric	Schleismann	Southern Company Services	Member
Dan	Schwartz	Quality Switch, Inc.	Member
Jeremy	Sewell	Quality Switch, Inc.	Member
Brian	Sparling	Dynamic Ratings, Inc.	Member
Markus	Stank	Maschinenfabrik Reinhausen	Member
Timothy	Tillery	Howard Industries	Member

First Name	Last Name	Company Name	Role
Hugh	Waldrop	Memphis Light, Gas & Water	Member
Alan	Washburn	Burns & McDonnell	Member
Christopher	Whitten	Hitachi ABB Power Grids	Member
Joshua	Yun	Virginia Transformer Corporation	Member
Peter	Zhao	Hydro One	Member
Kayland	Adams	SPX Transformer Solutions, Inc.	Guest
Edmundo	Arevalo	Bonneville Power Administration	Guest
Christopher	Baumgartner	We Energies	Guest
Olle	Benzler	Megger	Guest
William	Boettger	Boettger Transformer Consulting LLC	Guest
Juan	Carrizales	Prolec GE	Guest
Juan Carlos	Cruz Valdes	Prolec GE	Guest
Brandon	Dent	Memphis Light, Gas & Water	Guest
Jeffrey	Gragert	Xcel Energy	Guest
Ryan	Hogg	Bureau of Reclamation	Guest
Gael	Kennedy	GR Kennedy & Associates LLC	Guest
Jayme	Nunes, Jr	Nynas AB	Guest
Tejasvi	Prakash	Schweitzer Engineering Labs	Guest
Eduardo	Ramirez Bettoni	Xcel Energy	Guest
Tim	Rocque	SPX Transformer Solutions, Inc.	Guest
Kushal	Singh	ComEd	Guest

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Submitted by: Craig A. Colopy

Date: 4/28/2021