

IEEE PC37.20.7.1 Working Group Meeting Minutes

IEEE Guide for Application, Installation, and Use of Switchgear Rated Up to 52 kV Tested for Internal Arcing Faults

Meeting Date: October 14, 2024

Meeting Time: 1:30 pm – 3:15 pm

Location: Oklahoma City Hotel – Oklahoma City, Oklahoma

Attendance

Members: 55, Guests: 7, quorum met.

Attendance is recorded at the end of the meeting minutes.

A. Call to Order

Meeting was called to order at 1:31pm on October 14th, 2024.

B. Introductions and Declaration of Affiliation

Participants introduced as included below.

C. Approval of Agenda

Motion to approve agenda by R. Cohn, 2nd by H. Milnikel. Approved by unanimous consent.

D. IEEE SA Patent Policy: Call for Patents

Slides and links to documents shared with Working Group

Verbal call for Essential Patents – none identified.

E. IEEE SA Copyright Policy

Link and Slides for SA Copyright Policy shared.

F. IEEE SA Participant Behavior – Individual Method

Link for Working Group Participant Behavior shared.

G. Working Group P&P's

Link for Working Group P&P's shared.

H. PAR Status Report

PAR approved by SA Standards Board 04 Jun 2024 and expires 31 2028.

E. Ramierz-Bettino: Potential collaboration with the IEEE Substations committee. Substations committee beginning an activity to review a broader subject of management of arc resistant equipment at a facility level.

Chair welcomes comments from the Substation committee members but the WG will continue to focus on the approved PAR scope and activity.

I. IEEE iMeet Center Workspace

Chair has requested an iMeet Center Workspace for WG activities.

J. Call for Working Group Members

Working Group volunteers identified as included below.

During the meeting it was clarified that, with this being the first meeting, those in attendance would qualify to be members. If those in attendance chose to remain as guests or observer, then their participation would be counted as guests with their attendance captured for any consideration of change in membership in future meetings.

K. Open Discussion

Draft 1 shared with the WG during the meeting and will be sent to WG via email after the meeting along with a comment file. Draft 1 was created by using the last draft available during the PC37.20.7 balloting process. It is noted that WG may need to compare draft 1 text once PC37.20.7 is published.

Chair requested ad hoc volunteers to develop recommended text for each of bulleted items in Clause 1.2. Ad hoc leads and volunteers noted below. Chair requests that each ad hoc meet on-line and send recommended text to the Chair and Secretary at least 45 days prior to our next Spring 2025 meeting.

Ad hoc leads and membership:

Clause 1.2 a) Physical Constraints of the Site Ad Hoc:

Lead: C. French; Members: G. Sim, T. Woodyard, M. Peterson, A. Shirode

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Clause 1.2 b) Coordination with Protection Schemes Ad Hoc:

Lead: M. Nolte; Members: T. Neighbors, M. Peterson

Clause 1.2 c) Base Level Structural Consistency in the Building Ad Hoc:

Lead: O. Hartmann; Members: G. Sims, T. Woodyard, L. Solanki

Clause 1.2 d) The Effect of the Installation Site Requirements on Equipment Ratings Ad Hoc:

Lead: E. Ramire-Bettoni; Members: M. Valdes

Clause 1.2 e) Locations where Internal Arcing Faults Are More Likely to Occur Ad Hoc:

Lead: F. Cozuic; Members: A. Runov, S. Santosh, T. Woodyard, M. Peterson, F. Jahan

Clause 1.2 f) Risk Mitigation Methods Ad Hoc:

Lead: R. Burns; Members: T. Holp, M. Peterson, T. Neighbors, F. Jahan, L. Solanki, A. Shirode

Clause 1.2 g) Application and Considerations for Electrical Safety Ad Hoc:

Lead: E. Ramirez-Bettoni; Members: M. Valdes

A. Livshitz volunteered to search for arc quenching information

Chair asked for the newly formed WG members to review draft 1 and provide comments for enhancements prior to the next Spring 2025 meeting.

L. Adjourn

Meeting adjourned at 3:15pm.

Recorded by:

Jake Walgenbach

Secretary

October 14, 2024

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Last Name	First Name	Affiliation	Role
Lafond	Michael	UL Solutions	Chair
Walgenbach	Jake	Siemens	Secretary
Ayyaswamy	Ashok	Volta/W-Industries	Member
Barnhart	Paul	UL Solutions	Member
Beauchemin	Francis	Hydro-Quebec	Member
Bettoni	Eduardo Ramirez	Powell Industries	Member
Biradar	Siddangoud	Eaton	Member
Boyce	Russell	Eaton	Member
Bridges	Chris	Eaton	Member
Burns	Robert	Eaton	Member
Cohn	Bob	Powercon	Member
Cozuic	Fiori	S&C Electric Canada	Member
Creach	Randy	Avail Switchgear Systems	Member
Doroz	Arkadiusz	Eaton	Member
Flores	Sergio	Schneider Electric	Member
French	Chris	Beta Engineering	Member
Hartmann	Oliver	Siemens Industry	Member
Hartzel	Ron	Eaton	Member
Hawkins	Tom	Siemens Industry	Member
Haynes	Gary	ABB	Member
Hines	Jared	Eaton	Member
Holp	Tyler	Eaton	Member
Hrncir	Dan	Eaton	Member
Jahan	Fathmi	ABB	Member
Keating	Ryan	HICO America	Member
Lau	Bob	nVent Hoffman	Member
Ledford	Travis	ABB	Member
Leopard	Dakota	Eaton	Member
Livshitz	Albert	Qualus Services	Member
Marynehak	Michael	HICO America	Member
McGlown	Kevin	JST Power	Member
Milnikel	Henning	Siemens AG	Member
Natale	Anthony	HICO America	Member
Notle	Michael	Kiewit	Member
Orosz	Miklos	CBT&S/Meyers Power	Member
Page	Mike	Eaton	Member
Pal	Sumithbha	Schneider Electric	Member
Parks	Owen	ABB	Member
Peterson	Mark	Xcel Energy	Member
Rakus	Paul	Eaton	Member
Reddy	Samala Santosh	Powell Industries	Member
Ricker	Jeffery	Schneider Electric	Member
Robertson	Mark	Avail Bus Systems	Member
Rowell	Amy	Schneider Electric	Member
Runov	Art	S&C Electric Canada	Member
Santos	Leonel	Schneider Electric	Member
Schneider	Carl	Schneider Electric	Member
Shirode	Aniket	ABB	Member

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Last Name	First Name	Affiliation	Role
Sims	Garett	Eaton	Member
Solanki	Lokeshkumar	ABB	Member
Swing	Donnie	Avail Switchgear Systems	Member
Trichon	Francois	Schneider Electric	Member
Tuthill	Bryan	Volta/W-Industries	Member
Wilkie	Eddie	Eaton	Member
Woodyard	Terrance	Siemens Industry	Member
Degrade	Shelly	Grace Technologies/IEEE PCIC SA	Guest
Jaggarnauth	Sudesh	Florida Power & Light	Guest
Kasonga	Mick	Omcors TX	Guest
Khan	Umer	ABB	Guest
Neighbors	Terry	ABB	Guest
Pecile	Conrad	Meyers Power Products	Guest
Sakarapanee	Kathryn	Schneider Electric	Guest