

**IEEE C37.20.3 Working Group
Meeting Minutes
Online only (virtual Reno)
May 4, 2020**

Attendance:

Role	First Name	Last Name	Company
Member	Chris	Ambrose	Federal Pacific (Div. of Electro-Mechanical Corp.)
Member	Paul	Barnhart	Underwriters Laboratories
Guest	Francis	Beauchemin	Hydro-Quebec
Member	Russell	Boyce	Eaton
Guest	Craig	Bryant	Duke Energy
Member	Eldridge	Byron	Schneider Electric
Member	Robert	Cohn	Powercon Corp.
Guest	Ryan	Copley	Tampa Electric
Guest	Charles	Corley	Eaton
Secretary	Randall	Creach	AZZ Switchgear Systems
Guest	Federico	Di Michele	CESI S.p.A.
Member	Jeffrey	Door	The H-J Family of Companies
Member	Michael	Flack	Southern Company Services, Inc.
Member	Sergio	Flores	Schneider Electric Inc. USA
Guest	Christopher	French	Eaton Corporation
Member	Paul	Gingrich	AZZ Switchgear Systems
Guest	John	Harley	FirstPower Group LLC
Chair	Ronald	Hartzel	Eaton Corporation
Member	Jared	Hines	Eaton Corp.
Member	Jason	Hollander	CHA Consulting, Inc.
Member	Rahul	Jain	S&C Electric Company
Guest	Monique	La Terreur	STACE
Member	Michael	Lafond	ABB
Guest	Benedict	Lavrinnoff	Kinectrics Inc
Guest	David	Lemmerman	PECO/Exelon
Member	Albert	Livshitz	CE Power Engineered Services
Guest	Alex	Lizardo	Cargill
Guest	Ashley	Moran	IEEE Standards Association (IEEE-SA)
Member	Terry	Neighbours	ABB Inc.
Member	Brian	ONeil	RMS Energy
Guest	Daniel	Onuoha	S&C Electric Company
Guest	Mark	Peterson	Xcel Energy
Member	John	Phouminh	PEPCO HOLDINGS, INC.
Member	Samala Santosh	Reddy	Powell Industries
Guest	Anthony	Ricciuti	Eaton Corporation
Guest	Bobby	Rich	Dominion Energy
Guest	Jeffery	Ricker	SCHNEIDER ELECTRIC
Member	Mark	Roberson	AZZ/Calvert
Member	Leonel	Santos	Schneider Electric
Guest	Victor	Savulyak	DNV GL KEMA Laboratory

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Member	Carl	Schneider	Schneider Electric
Guest	Dean	Sigmon	Eaton Corporation
Member	Garett	Sims	Eaton Corp.
Guest	Don	Steigerwalt	Duke Energy
Member	Chand	Taylor	Eaton Corporation
Guest	Francois	Trichon	Schneider Electric
Guest	William	Walter	We-Energies
Guest	Matt	Westerdale	Bureau of Reclamation
Member	William	Wilkie	Eaton
Guest	Joseph	Wisnewski	UL LLC
Member	Terrance	Woodyard	Siemens Industry Inc.
Guest	Mina	Youssef	Eaton Corporation

1. Approval of the Fall 2019 meeting minutes.

Paul Barnhart and Mike Lafond moved and seconded that the Fall 2019 meeting minutes be approved as submitted. The minutes were approved unanimously.

2. Welcome and member attendance

The meeting was called to order by Ron Hartzel, Chair at 8:00 AM (CDT). Ron welcomed the members and guests. A total of 52 participated; 27 - C37.20.3 members and 25 guests. Quorum threshold was met.

3. Introduction of members and guests

Member attendance was confirmed via roll call utilizing the active roster. Any attendees, which were not on the active roster, added their names and affiliations into the WebEx chat window and thus were captured on a compiled attendance list.

4. IEEE-SA Patent Policy

Slides were reviewed that covered the IEEE-SA patent policy during the meeting.

No claims or issues were raised at the C37.20.3 Working Group meeting.

5. Update C37.20.3 Document Status

An updated version of the standard, C37.20.3 D2, was distributed to the working group prior to the meeting and then reviewed during the meeting. The C37.20.3 D2 Consolidated comments spreadsheet was used to structure the review of standard version D2. The disposition of comments outlined in the C37.20.3 D2 Consolidated Comments spreadsheet were agreed to as documented (rejected, revised, or accepted), except for comments directly related to "Section 4. Service Conditions", "Annex B.6 Maximum permissible partial discharge magnitude", and a general voltage question around 48 kV. It was agreed by the WG to table this discussion pending results of C37.20.2 WG's disposition on the same subject in order to maintain harmony between the two standards. Also, the WG sent a revised copy of C37.20.3 to C37.20.2 for them to consider adopting the wording of "Section 5.8 Current sensing devices other than conventional current transformers", "Section 7.11.2 Outdoor MEI switchgear, access and ventilation" (to consider the wording for nonventilated enclosures) and "Section 8.1.4.2 Exposure to excessive dust, abrasive dust, magnetic dust, or metallic dust" (to consider the wording for nonventilated enclosures).

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6. Ad hoc Established for Section 7.1.6 Isolating Means

Unfortunately, we ran out of time before the results of this Ad hoc committee that was established in the fall to discuss the wording of section 7.1.6 "Isolating Means" regarding the application of grounding switches within C37.20.3 switchgear. Ad hoc to meet via teleconference and will report back at the Fall meeting.

Chair – Eldridge Byron

Member – Paul Barnhart

Member – Chand Taylor

Member – Chris Ambrose

Member – Miklos Orosz

Member – Bob Cohn

Member – Jared Hines

Member – Mike Whitney

Member – Daniel Onuoha

Member – Jeff Ricker

Member – Mike Wactor

Member – Jeff Ricker

Member – Garrett Sims

7. Next steps

The chair will update the draft standard per the groups feedback and accept all changes to date that were discussed and approved by the group. The chair will circulate the document along with the updated comment resolution matrix and a new comment spreadsheet over the winter so that new comments may be submitted and compiled prior to the Fall meeting, Oct. 4th through Oct. 8th at the Sheraton Sundance Square Hotel in Ft Worth, TX.

8. Adjourn

The meeting had a recess from 9:55 AM to 10:15 AM (CDT) and Terry Neighbours and Byron Eldridge moved and seconded to adjourn the meeting at 12:15 PM (CDT).

Reported by Randy Creach, secretary of C37.20.3 Working Group.