

**IEEE C37.100.1 Working Group
Meeting Minutes
Clearwater, FL
April 19, 2023**

1. Welcome

The meeting was called to order by Chairman John Webb, at 10:15 AM EST. The Chairman welcomed everyone both guest and working group members.

2. Introduction of members and guests

The chair requested all attendees to introduce themselves including both name and affiliation. 12 of 28 working group members and 54 guests were in attendance. Quorum was not met.

3. IEEE-SA Patent Policy

The Chairman reminded attendees that the IEEE copyright slides, and IEEE patent policy slides were provided with the meeting invitation and thus would not be presented in detail absent a request to review. The chair called for any knowledge of essential patents required to implement the standard, no claims or issues were raised this meeting.

4. Approval previous meeting minutes and meeting agenda

Due to quorum not being met no motion was made to approve the meeting minutes from the Fall, 2022 meeting or the agenda from the meeting today. An electronic voting email will be sent to working group members to get approval of meeting minutes.

5. Discussion Topics

- The iMeetCentral to be Project Repository & Coordination Members and guests were reminded to ensure their participation in the IEEE iMeetCentral system was active. [\[https://ieeesa.centraldesktop.com\]](https://ieeesa.centraldesktop.com)
- PAR set to expire 12/24. Chair commented that he anticipates needing a PAR extension, but intends to have a draft in ballot by Summer 2024 prior to submitting a PAR extension request.
Absent a quorum no decisions could be taken, Chair reviewed with those members present and the attendees the work so far presented to obtain a sense of the WG on the topics.
- Gas Tightness
 - Still Pending Task Force findings
 - Ryan Stone (Task Force Lead)
- Test Tolerances
 - Recommend Combination from Gen. Breaker, Reclosers, Sound Pressure Levels. (Need what is missing compared to 62271-1)
 - Frank DeCesaro to send Chairman info from Task Force
- Altitude Correction Factor
 - Use the historical scale.

- Pollution Levels
 - (I – IV, Very Light ... Very Heavy) currently coordinated with IEC.
 - Discussion that defining both by rated voltage (given as Line-to-Line values) and by Line-to-Ground values can be confusing, voltage across the insulator is clear and unambiguous and should be considered in the next draft.
- Weather proofing
 - Retain existing from C37.100.1-2015, likely need IEC clearance.
- Karla Trost to Speak with Chair of C37.74 about wording for “visible break”
- Use “Reactive and Non-Reactive gas” instead of Oxidizing or Non-Oxidizing gases in Temperature Limit table (this matches the wording in C37.04).

6. Next steps

John to schedule a virtual meeting before August 30th 2023. The next planned face to face meeting of the working will be at the Fall 2023 meeting in San Diego. Notify John and/or Russell if any attendees want to be a member.

7. Adjourn

The meeting was adjourned by the Chairman at 11:59 AM EST.

8. Attendance

<u>Role</u>	<u>First Name</u>	<u>Last Name</u>	<u>Employer</u>	<u>4/18/2023</u>	<u>Membership Request</u>
Chair	John	Webb	ABB	X	
Secretary	Russell	Boyce	Eaton Corporation	X	
Member	Arben	Bufl	Meiden America Switchgear, Inc.	X	
Member	Dan	Busilan	Dominion Energy		
Member	Randall	Creach	Avail		
Member	Frank	DeCesaro	DeCesaro Consulting Services	X	
Member	Federico	Di Michele	CESI S.p.A.		
Member	Sergio	Flores	Schneider Electric Inc.		
Member	Sahadev	Gohil	Avail	X	
Member	John	Harley	FirstPower Group LLC		
Member	Bill	Hurst	GE	X	
Member	Neil	Hutchins	Georgia Power Company		
Member	Rahul	Jain	S&C Electric Company		
Member	Christopher	Jarnigan	Southern Company Services	X	
Member	John	Kaminski	Siemens		
Member	Andy	Keels	kEElectric Engineering		
Member	Brad	Leccia	Eaton Corporation	X	
Member	Neil	McCord	KEC Precision		
Member	Peter	Meyer	S&C Electric Company		
Member	Carl	Reigart	CDR Technical Services, LLC	X	
Member	Anthony	Ricciuti	Eaton Corporation	X	
Member	Ian	Rokser	Eaton Corporation		
Member	Ryan	Stone	Mitsubishi Electric Power Products Inc.		
Member	Karla	Trost	G&W Electric	X	
Member	James	van de Ligt	CANA High Voltage Ltd.		
Member	Adam	Voyles	Ameren		
Member	Matt	Westerdale	Bureau of Reclamation	X	
Member	Terry	Woodyard	Siemens		

<u>Role</u>	<u>First Name</u>	<u>Last Name</u>	<u>Employer</u>	<u>4/18/2023</u>	<u>Membership Request</u>
Guest	Brian	Alexander	S&C Electric Company	X	
Guest	Tim	Anderson	Aluma Form	X	
Guest	Emmanuel	Ankrah	KEMA Labs	X	
Guest	Bob	Behl	Power Equipment	X	
Guest	Brian	Berner	Power Grid Comp.	X	
Guest	Jacob	Blake	Hubbell Power Systems	X	
Guest	Christopher	Bridges	Eaton Corporation	X	
Guest	Adam	Brooks	Duke Energy	X	
Guest	Stephen	Cary	2-Phase	X	*
Guest	Lee	Changhoon	Hycung	X	
Guest	Steven	Chen	Eaton Corporation	X	*
Guest	Timothy	Cook	Pascor Atlantic	X	
Guest	Jason	Cunningham	Southern States, LLC	X	
Guest	Patrick	Di Lillo	Consolidated Edison Co. of NY, Inc.	X	
Guest	Jeff	Door	H-J Family of Companies	X	
Guest	Maxwell	Eastman	Black & Veatch	X	
Guest	Leslie	Falkwghnin	S&C Electric Company	X	*
Guest	Brennen	Fleming	Hubbell Power Systems	X	
Guest	Christopher	French	Beta Engineering	X	
Guest	Juan	Gill	Southren States	X	
Guest	Ilya	Glinsky	SCE	X	
Guest	Jeremy	Hensberger	Mitsubishi Electric Power Products Inc.	X	
Guest	Jennifer	Hunter	MEPPI	X	
Guest	Todd	Irwin	GE Grid Solutions	X	*
Guest	Sangtae	Kim	HICO America	X	*
Guest	Dwight	Krause	Black & Veatch	X	
Guest	Leo	Lopez	Wika	X	
Guest	Vincent	Marshall	Southern Company	X	
Guest	Paul	Masterson	Meiden America Switchgear, Inc.	X	
Guest	Steven	May	Southern Company	X	*
Guest	Kevin	McGlown	JST Power Equipment	X	
Guest	Mark	Pattison	H-J Family of Companies	X	
Guest	Damian	Perrin	Entergy	X	
Guest	Laura	Reid	Hubbell Power Systems	X	
Guest	Jeffrey	Ricker	Schneider Electric	X	
Guest	Mark	Roberson	Avail Bus Systems	X	*
Guest	Jon	Rogers	Siemens Energy, Inc	X	
Guest	Oscar	Salas	Duke Energy	X	
Guest	Ben	Sax	Nashville Electric Service	X	
Guest	Daniel	Schiffbauer	Toshiba International Corporation	X	
Guest	Devki	Sharma	Retired	X	
Guest	Michael	Skidmore	AEP	X	
Guest	Donald	Swing	Powell Industries	X	
Guest	Bryann	Tatam	UL Solutions	X	
Guest	Truett	Thompson	Siemens	X	
Guest	Vernon	Toups	Siemens	X	
Guest	Andrew	Truman	Black & Veatch	X	
Guest	Joseph	Usner	AEP	X	
Guest	Randy	Ward	Aluma Form	X	
Guest	Jeffrey	Ward	Doble Engineering Company	X	
Guest	Casey	Weeks	Siemens	X	
Guest	Dan	Wolfe	MEPPI	X	
Guest	Elijoch	Yarbrough	Hubbell Power Systems	X	
Guest	Richard	York	Mitsubishi Electric Power Products Inc.	X	

Reported by Russell Boyce, secretary of C37.100.1 Working Group