

**IEEE C37.100.1 Working Group
Meeting Minutes
Wyndham Grand Bonnet Creek Resort
Orlando, FL
April 7, 2025**

1. Welcome

The meeting was called to order by Chairman John Webb, at 8:00 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. 8 of 20 working group members and 79 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 of meeting agenda

Meeting agenda was shown for this meeting. Motion to approve the agenda was not made because of lack of quorum.

5. Approval previous meeting minutes

The meeting minutes for the Fall 2024 meeting were shown. Motion to approve the 2024 Fall Meeting minutes was not made because of lack of quorum.

6. Discussion Topics

- The chair reviewed previous sections from the proposed revision of C37.100.1 in 2015 which failed due to copyright issues with IEC. In majority of cases, the wording in the current draft does not rely upon IEC published material.
- A WG member noticed a duplication of control requirements 6.4.1
 - Either rely on 6.4.1 exclusively or in 6.4.1 loop back to 5.9.4
 - Suggestion made to remove 5.9.4 entry because control requirements are not a rating, so should not fall under Clause 5 Ratings.
- Copyright issues with IEC
 - Copyright from IEC for 2018 was not unconditional. IEC must be notified of any changes we make to borrowed text, given time to object. Will count against our total usage if we request more material.
 - Existing Text from -2018 may be freely shown and discussed.
 - WG Reference Copy of 62271-1 in iMeetCentral
- The Altitude Correction method was discussed, in particular the WG's attention was drawn to the new graphic for the purpose of searching for a possible similar graphic existing in an IEC publication which may be a source of contention with IEEE vs. IEC.

7. Next steps

The Chairman will work with IEEE Editors. Virtual meeting to be scheduled Monday, May 5 at 10:00 am EDT for working group members for a report on where we stand on copyright. The Chairman will upload Draft 1.4 in iMeet Central.

8. Adjourn

Chairman adjourned the meeting at 9:40 AM EST.

9. Attendance:

All Meetings

Role	Pref. Name	Company	4/13/2022	10/18/2022	4/18/2023	10/11/2023	3/5/2024	4/1/2024	10/14/2024	4/7/2025	Last 4
Chair	Webb, John	ABB	X	X	X	X	X	X	X	X	4
Secretary	Boyce, Russell	Eaton	X	X	X	X	X	X	X		3
VM	Chen, Steven	Eaton Corporation	X	X	X			X	X		2
VM	Creach, Randy	Avail Switchgear Systems	X	X		X	X				1
VM	DeCesaro, Frank	DeCesaro Consulting Service	X	X	X	X	X			X	2
VM	Di Michele, Federico	CESI S.p.A.		X		X	X		X	X	3
VM	Flores, Sergio	Schneider Electric Inc. USA	X	X		X		X	X		2
VM	Gohil, Dave	Avail Switchgear Systems		X	X	X	X				1
VM	Hurst, Bill	GE			X	X	X	X	X		3
VM	Irwin, Todd	GE Grid Solutions		X	X	X			X		1
VM	Jarnigan, Chris	Southern Company Services		X	X	X	X	X	X	X	4
VM	Keels, Andy	kEElectric Engineering	X			X	X	X	X	X	4
VM	Leccia, Brad	Eaton		X	X	X	X	X	X		3
VM	May, Steve	Southern Company		X	X	X	X	X			2
VM	McCord, Neil	KEC Precision		X		X		X	X	X	3
VM	Ricciuti, Anthony	Eaton Corporation	X	X	X	X	X	X	X	X	4
VM	Rokser, Ian	Eaton Corp	X	X		X	X				1
VM	Trost, Karla	G&W Electric	X	X	X	X	X			X	2
VM	Westerdale, Matt	Bureau of Reclamation			X	X	X				1
NVM	Agliata, Peter	Hubbell Power Systems	X					X	X	X	3
NVM	Alexander, Brian	S&C Electric Company		X	X			X	X	X	3
NVM	Amin, Bhruken	S&C Electric						X			1
NVM	Andreyo, Joe	Southern States						X		X	2
NVM	Aristizabal, Mauricio	Hitachi ABB Power Grids		X		X	X				1
NVM	Attia, Hanan	IEM								X	1
NVM	Avila Escalante, Jesus	ABB						X			1
NVM	Balasubramanian, Ganesh	Eaton				X		X			1
NVM	Banda, Eloy	Siemens Energy							X		1
NVM	Bartels, Alexander	Powell Industries								X	1
NVM	Beck, Jason	Dominion Energy VA						X			1
NVM	Beckel, Andrew	Xcel Energy - Minneapolis MN						X			1
NVM	Becker, George	Power Engineers Inc.	X	X		X				X	1
NVM	Beecher, Zachary	SOUTHERN STATES LLC						X	X	X	3
NVM	Behl, Bob	Power Equipment			X			X			1
NVM	Benge, Jonathan	OG&E				X		X			1
NVM	Beseda, David	S&C Electric Company	X							X	1
NVM	Biquez, Francois	GE VERNOVA							X		1
NVM	Biradar, Siddangoud	EATON						X	X	X	3
NVM	Bolar, Sanket	Oncor Electric Delivery						X		X	2
NVM	Boles, Brett	Southern Company						X	X		2
NVM	Borck, Christopher	Eaton						X			1
NVM	Bornuat, Albane	GE Vernova						X	X		2
NVM	Bouche, Nick	Switchgear Power Systems							X	X	2
NVM	Bridges, Christopher	Eaton Corporation			X			X	X	X	3

All Meetings

Role	Pref. Name	Company	4/13/2022	10/18/2022	4/18/2023	10/11/2023	3/5/2024	4/1/2024	10/14/2024	4/7/2025	Last 4
NVM	Brogdon, Jeffrey	Georgia Transmission Corporation						X		X	2
NVM	Bronsveld, Arjan	Hitachi Energy Sweden						X	X	X	3
NVM	Bryant, Craig	Duke Energy						X			1
NVM	Buel, Tanner	S&C Electric						X	X	X	3
NVM	Bush, Kelsey	ABB								X	1
NVM	Busilan, Dan	Dominion Energy						X		X	2
NVM	Cai, Cheney	Sieyuan Electric							X	X	2
NVM	Castillo, Pedro	ABB						X			1
NVM	Chhabra, Mohit	S&C Electric Company		X				X		X	2
NVM	Chovanec, Andy	GE Power	X	X		X		X	X	X	3
NVM	Christian, Michael	ABB								X	1
NVM	Collette, Luke	Duquesne Light						X			1
NVM	Cook, Tim	Pascor Atlantic	X	X	X					X	1
NVM	Cunningham, Jason	Southern States, LLC		X	X			X			1
NVM	Cuppett, Matthew	Hitachi Energy							X	X	2
NVM	Dart, David	NOJA Power						X		X	2
NVM	Diallo, Boubacar	Southern States		X						X	1
NVM	Diaz, Lissy	FPL						X			1
NVM	Door, Jeff	The H-J Family of Companies	X		X	X	X				1
NVM	Dunn, Chris	Dominion Energy								X	1
NVM	Eastman, Maxwell	Black & Veatch			X			X			1
NVM	Ekpoudom, Chris	Southern States LLC	X			X	X				1
NVM	Falkingham, Leslie	Vacuum Interrupters Limited			X				X		1
NVM	Fernandes, Andrew	Trayer Engineering Corp				X		X			1
NVM	French, Chris	Eaton Corporation			X				X		1
NVM	Gill, Juan	Southren States			X			X			1
NVM	Glinisky, Ilya	Southern California Edison			X	X	X	X			2
NVM	Gordish, Daniel	Cleaveland/Price Inc.							X	X	2
NVM	Grdina, Todd	Siemens Industry, Inc						X			1
NVM	Grenier-Poulin, Renaud	Mindcore Technologies								X	1
NVM	Haasz, Jodi	IEEE-SA							X		1
NVM	Hamilton, Lon	Southern States								X	1
NVM	Hanna, Robert	JST Power Equipment	X	X				X	X	X	3
NVM	Hartzel, Ron	Eaton Corporation							X	X	2
NVM	Hasnaoui, Nadia	GE		X						X	1
NVM	Heiny, Mark	ABB Inc						X			1
NVM	Henriet Hernandez, Eduard	Siemens Energy							X	X	2
NVM	Hensberger, Jeremy	Mitsubishi Electric Power Products		X	X	X	X	X	X		3
NVM	Hermosillo, Victor	GE Grid Solutions		X		X	X	X			2
NVM	Hill, Douglas	S&C Electric Canada Ltd.						X			1
NVM	Howard, Michael	Eaton								X	1
NVM	Huang, Zinan	Sieyuan Electric							X		1
NVM	Hughs, Derek	Georgia Transmission Corporation								X	1
NVM	Hunter, Jen	MEPPI		X	X	X		X			1

All Meetings

Role	Pref. Name	Company	4/13/2022	10/18/2022	4/18/2023	10/11/2023	3/5/2024	4/1/2024	10/14/2024	4/7/2025	Last 4
NVM	Ivanov, Alex	JST Power Equipment						X	X		2
NVM	Jacob, Kai	Siemens AG								X	1
NVM	Jaggernauth, Sudesh	Florida Power & Light						X			1
NVM	Jur, Arthur	Electro-Mechanical								X	1
NVM	Kaminski, John	Siemens	X					X			1
NVM	Kandel, Jackie	Powell Industries, Inc.						X			1
NVM	Kapitula, John	ABB								X	1
NVM	Kechroud, Riyadh	GE VERNOVA						X			1
NVM	Kim, Yunseong	KERI						X			1
NVM	Kowalik, Pete	Cleaveland/Price Inc.	X	X		X		X	X	X	3
NVM	Krause, Dwight	Black & Veatch			X			X			1
NVM	Kurinko, Carl	ABB Inc.	X	X		X	X		X	X	3
NVM	Lakshminarayana, Ramapr	Doble Engineering							X		1
NVM	Ledford, Travis	ABB							X		1
NVM	Lee, Changhoon	HYOSUNG	X	X				X	X		2
NVM	Lee, Michael	PG&E						X			1
NVM	Lee, Yongwoo	Korea Electrotechnology Research Institute				X		X	X		2
NVM	Liu, Linda	Sieyuan Electric Co.,Ltd.						X			1
NVM	Lopez, Adrian	Powell Industries								X	1
NVM	López, Leo	WIKA						X		X	2
NVM	Lovins, Colby	Federal Pacific	X							X	1
NVM	Ma, Chunming	Burns & McDonnell				X		X	X	X	3
NVM	Mapp, Peter	GE Grid Solutions		X				X	X		2
NVM	Marshall, Vincent	Southern Company	X	X	X	X	X	X		X	3
NVM	Martz, Jaden	S&C Electric Company						X			1
NVM	Marzec, Peter	S&C Electric						X			1
NVM	Masterson, Paul	Meiden America Switchgear, Inc.			X					X	1
NVM	McGlowen, Kevin	JST Power			X					X	1
NVM	Meekins, Gary	Southern States				X		X	X		2
NVM	Mgunda, Mcpharlen	HICO America								X	1
NVM	Miller, Anne	TCI						X	X	X	3
NVM	Milnikel, Henning	Siemens						X	X		2
NVM	Miranda Garcia, Sergio	ABB Mexico						X			1
NVM	Moore, Jeremy	Pascor Atlantic								X	1
NVM	Morehead, Mollie	Pascor Atlantic								X	1
NVM	Neighbours, Terry	ABB Inc.							X		1
NVM	Nolte, Mike	Kiewit							X	X	2
NVM	Ordein Torres, Fernando	Dominion Energy						X			1
NVM	Orosz, Miklos	Circuit Breaker Technology & Support LLC							X		1
NVM	Pal, Sumitabha	Schneider Electric				X		X	X	X	3
NVM	Parikh, Sharan	Duke Energy						X			1
NVM	Patil, Lalit	Eaton Corporation						X	X		2
NVM	Pattison, Mary	The H-J Family of Compan	X		X	X			X		1
NVM	Pecile, Conrad	Myers Power Products								X	1

All Meetings

Role	Pref. Name	Company	4/13/2022	10/18/2022	4/18/2023	10/11/2023	3/5/2024	4/1/2024	10/14/2024	4/7/2025	Last 4
NVM	Pounders, Isaac	Meiden America Switchgear						X			1
NVM	Rebovich, Justin	GE Vernova						X	X	X	3
NVM	Redden, Nicholas	Georgia Transmission						X			1
NVM	Reid, Laura	Hubbell Power Systems	X	X	X	X	X	X	X		3
NVM	Rexroad, Aaron	Meiden America Switchgear inc.						X		X	2
NVM	Roberson, Mark	Avail Bus Systems			X					X	1
NVM	Roberts, Brian	Southern States, LLC				X		X	X	X	3
NVM	Rogers, Jon	Siemens Energy, Inc			X			X			1
NVM	Rogozhkin, Sergey	Tavrida Electric GmbH						X	X	X	3
NVM	Ross, Rob	Cleaveland/Price	X			X			X	X	2
NVM	Rowe, Ryan	TCI						X	X		2
NVM	Sakarapanee, Kathryn	Schneider Electric						X			1
NVM	Santos, Leonel	Schneider Electric		X				X	X		2
NVM	Santulli, Jennifer	IEEE-SA						X		X	2
NVM	Savulyak, Victor	KEMA						X		X	2
NVM	Sax, Ben	Nashville Electric Service			X			X	X		2
NVM	Schiffbauer, Dan	Toshiba International Corporation		X	X	X	X	X	X		3
NVM	Schuetz, Carl	American Transmission Company (A		X				X	X		2
NVM	Schwartz, Skyler	ATC							X		1
NVM	Scott, Jeffrey	Ameren							X		1
NVM	Sell, Jason	Switchgear Power Systems								X	1
NVM	Sestito, John	Hyundai Electric America						X			1
NVM	Sharma, Devki	Entergy	X		X			X		X	2
NVM	Shirode, Aniket	ABB						X	X		2
NVM	Sims, Garrett	Eaton Corp.						X			1
NVM	Skidmore, Mike	AEP		X	X			X		X	2
NVM	Smith, Kirk	Retired						X			1
NVM	Solanki, Lokeshkumar	ABB Inc.						X			1
NVM	Soulard, Francois	Hydro Quebec		X					X		1
NVM	Stemmerich, Joe	Trayer Engineering	X			X	X				1
NVM	Sudarshan, Byreddy	Burns & McDonnell								X	1
NVM	Swing, Donnie	Powell Industries	X		X			X			1
NVM	Tabakovic, Dragan	Meramec Hubbell Power Systems						X			1
NVM	Tarleton, John	Southern States, LLC				X		X	X	X	3
NVM	Terry, Timothy	Meiden America Switchgear						X	X		2
NVM	Tillery, Timothy	HOWARD INDUSTRIES						X		X	2
NVM	Toups, Vernon	Siemens		X	X			X		X	2
NVM	Tuthill, Bryan	Volta LLC								X	1
NVM	Usner, Joe	AEP	X	X						X	1
NVM	Villa, Augusto	S&C Electric								X	1
NVM	Vittoz, Marc	GE Vernova								X	1
NVM	Walgenbach, Jacob	Siemens								X	1
NVM	Wang, Bo	G&W CANADA						X			1
NVM	Ward, Jeff	Doble (Retired)				X			X		1

All Meetings

			4/13/2022	10/18/2022	4/18/2023	10/11/2023	3/5/2024	4/1/2024	10/14/2024	4/7/2025	Last 4
Role	Pref. Name	Company									
NVM	Weeks, Casey	Siemens Energy, Inc.	X	X		X	X	X			2
NVM	Weisker, Jan		X	X		X	X	X	X	X	4
NVM	Williams, Jason	JST Power								X	1
NVM	Wolfe, Dan	MEPPI		X	X	X	X			X	2
NVM	Woodyard, Terry	Siemens Industry Inc.	X					X	X		2
NVM	Yin, Xingyan	G&W CANADA						X			1
NVM	York, Rich	Mitsubishi Electric Power Pr	X	X	X	X		X		X	2
NVM	Zhang, Will	Hitachi T&D Solutions, Inc.						X	X		2
NVM	Zhong, Jim	ATC								X	1
19		<- # Voting Members # Present ->							12	8	
		Guests ->							62	79	
		Total ->							74	87	