

**IEEE C37.100.1 Working Group
Meeting Minutes
Omni Hotel Oklahoma City, OK
October 14, 2024**

1. Welcome

The meeting was called to order by Chairman John Webb, at 10:30 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 20 working group members and 64 guests were in attendance. Quorum was 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 made by Andy Keels and seconded by Neil McCord. The motion passed without opposition or abstention.

5. Approval previous meeting minutes

The meeting minutes for the Spring 2024 meeting were shown. Motion to approve the 2024 Spring Meeting minutes was made by Andy Keels and seconded by Neil McCord. The motion passed without opposition or abstention.

6. Discussion Topics

- Asking for 2 year extension (After PAR was approved first 4 meetings were online due to COVID)
 - A motion for PAR 2 year extension was made by Brad Leccia and was seconded by Neil McCord. During discussion, the acting IEEE program manager assisted the WG with properly phrasing the PAR extension request.
 - The motion to approve the modified PAR extension request passed without opposition or abstention.
 - The chair expressed his expectation to go to ballot in the January or February timeframe, depending upon copyright and MEC approval..
- Report was presented by the Task Force for Chopped Wave Testing
 - Suggestion from Task Force for Chopped Wave Testing is to keep Chopped Wave requirements in Table 1a and Table 2a in the document.
 - A motion was made to keep Chopped Wave requirements in the document by Chris Jarnigan and seconded by Todd Irwin. The motion passed without opposition or abstention.

- New Working Group Members added this meeting
 - Jeremy Hensberger
 - Victor Hermosillo
 - Terry Woodyard
 - Sergey Rogozhkin

7. Next steps

The Chairman will submit the PAR extension request. The next in person meeting of the working will be at the Spring 2025 meeting in the Wyndham Grand Orlando Resort Bonnet Creek, Orlando, FL. Please notify John and/or Russell if any attendees have met membership criteria and would like to be a member.

8. Adjourn

Chairman adjourned the meeting at 11:37 AM EST.

9. Attendance

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

All Meetings

Role	Pref. Name	Company	5/6/2020	10/7/2020	4/21/2021	10/13/2021	4/13/2022	10/18/2022	4/18/2023	10/11/2023	3/5/2024	4/1/2024	10/14/2024	Last 4
Chair	Webb, John	ABB	X	X	X	X	X	X	X	X	X	X	X	4
Secretan	Boyce, Russell	Eaton	X	X	X	X	X	X	X	X	X	X	X	4
VM	Bufl, Arben	Meiden America Switchgear, Inc.	X	X			X	X	X	X				1
VM	Chen, Steven	Eaton Corporation	X	X	X	X	X	X	X			X	X	2
VM	Creach, Randy	Avail Switchgear Systems	X	X	X	X	X	X		X	X			2
VM	DeCesaro, Frank	DeCesaro Consulting Services	X	X	X	X	X	X	X	X	X			2
VM	Di Michele, Federico	CESI S.p.A.	X	X		X		X		X	X		X	3
VM	Flores, Sergio	Schneider Electric Inc. USA	X	X		X	X	X		X		X	X	3
VM	Gohil, Dave	Avail Switchgear Systems	X	X	X	X		X	X	X	X			2
VM	Hurst, Bill	GE	X	X	X	X			X	X	X	X	X	4
VM	Irwin, Todd	GE Grid Solutions	X	X	X	X		X	X	X			X	2
VM	Jarnigan, Chris	Southern Company Services		X	X	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	X	X	X	4
VM	May, Steve	Southern Company		X	X	X		X	X	X	X	X		3
VM	McCord, Neil	KEC Precision	X	X		X		X		X		X	X	3
VM	Ricciuti, Anthony	Eaton Corporation	X	X	X	X	X	X	X	X	X	X	X	4
VM	Rokser, Ian	Eaton Corp	X	X	X	X	X	X		X	X			2
VM	Trost, Karla	G&W Electric	X	X	X	X	X	X	X	X	X			2
VM	Westerdale, Matt	Bureau of Reclamation	X	X	X	X			X	X	X			2
NVM	Agliata, Peter	Hubbell Power Systems				X	X					X	X	2
NVM	Alexander, Brian	S&C Electric Company						X	X			X	X	2
NVM	Anderson, Tim	Aluma Form							X	X				1
NVM	Aristizabal, Mauricio	Hitachi ABB Power Grids	X	X	X			X		X	X			2
NVM	Balasubramanian, Ganesh	Eaton								X		X		2
NVM	Becker, George	Power Engineers Inc.					X	X		X				1
NVM	Behl, Bob	Power Equipment							X			X		1
NVM	Benge, Jonathan	OG&E								X		X		2
NVM	Blake, Jacob	Hubbell Power Systems							X	X				1
NVM	Bridges, Christopher	Eaton Corporation							X			X	X	2
NVM	Chhabra, Mohit	S&C Electric Company						X				X		1
NVM	Chovanec, Andy	GE Power	X	X	X	X	X	X		X		X	X	3
NVM	Cunningham, Jason	Southern States, LLC		X		X		X	X			X		1
NVM	Di Lillo, Pat	Consolidated Edison Co. of NY, Inc.		X	X			X	X	X				1
NVM	Door, Jeff	The H-J Family of Companies	X				X		X	X	X			2
NVM	Eastman, Maxwell	Black & Veatch							X			X		1
NVM	Ekpoudom, Chris	Southern States LLC			X	X	X			X	X			2
NVM	Falkingham, Leslie	Vacuum Interrupters Limited							X				X	1
NVM	Fernandes, Andrew	Trayer Engineering Corp								X		X		2
NVM	Fleming, Brennen	Hubbell Power Systems							X	X				1
NVM	French, Chris	Eaton Corporation	X		X	X			X				X	1
NVM	Gill, Juan	Southren States							X			X		1
NVM	Glinsky, Ilya	Southern California Edison	X						X	X	X	X		3
NVM	Hanna, Robert	JST Power Equipment					X	X				X	X	2
NVM	Hastreiter, Chris	Eaton	X		X	X	X	X		X				1
NVM	Hensberger, Jeremy	Mitsubishi Electric Power Products Inc.	X	X	X			X	X	X	X	X	X	4
NVM	Hermosillo, Victor	GE Grid Solutions	X	X	X			X		X	X	X		3
NVM	Hunter, Jen	MEPPI						X	X	X		X		2
NVM	Kaminski, John	Siemens	X	X	X	X	X					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	Lee, Changhoon	HYOSUNG					X	X				X	X	2
NVM	Mapp, Peter	GE Grid Solutions				X		X				X	X	2
NVM	Marshall, Vincent	Southern Company					X	X	X	X	X	X		3
NVM	Pattison, Mary	The H-J Family of Companies					X		X	X			X	2
NVM	Rakus, Paul	Eaton	X							X				1
NVM	Reid, Laura	Hubbell Power Systems	X			X	X	X	X	X	X	X	X	4

All Meetings

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NVM	Roberts, Brian	Southern States, LLC	X							X	X	X	X	3
NVM	Rogers, Jon	Siemens Energy, Inc	X	X					X			X		1
NVM	Ross, Rob	Cleveland/Price				X	X			X			X	2
NVM	Santos, Leonel	Schneider Electric		X				X				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	X	X	X	4
NVM	Schuetz, Carl	American Transmission Company (ATC)				X		X				X	X	2
NVM	Sharma, Devki	Entergy	X	X	X	X	X		X			X		1
NVM	Skidmore, Mike	AEP		X	X	X		X	X			X		1
NVM	Soulard, Francois	Hydro Quebec						X					X	1
NVM	Steigerwalt, Don	Duke Energy	X	X	X	X				X				1
NVM	Stemmerich, Joe	Trayer Engineering				X	X			X	X			2
NVM	Swing, Donnie	Powell Industries	X	X		X	X		X			X		1
NVM	Tarleton, John	Southern States, LLC		X		X				X		X	X	3
NVM	Toups, Vernon	Siemens	X	X				X	X			X		1
NVM	Ward, Jeff	Doble (Retired)		X	X	X				X			X	2
NVM	Weeks, Casey	Siemens Energy, Inc.					X	X		X	X	X		3
NVM	Weisker, Jan		X			X	X	X		X	X	X	X	4
NVM	Wolfe, Dan	MEPPI						X	X	X	X			2
NVM	Woodyard, Terry	Siemens Industry Inc.	X		X	X	X					X	X	2
NVM	York, Rich	Mitsubishi Electric Power Products Inc.		X		X	X	X	X	X		X		2
NM	Busilan, Dan	Dominion Energy		X	X	X						X		1
NM	Collette, Luke	Duquesne Light	X	X	X							X		1
NM	Garcia, Kaylor	Utility Solutions Inc								X				1
NM	Hartzel, Ron	Eaton Corporation	X			X							X	1
NM	Hatfield, Benjamin	Trayer Engineering Corporation								X				1
NM	Hirz, Harold	VESCO								X				1
NM	Jordan, Jeff	Southern States								X				1
NM	Lee, Yong Woo	Korea Electrotechnology Research Institute								X	X	X	X	3
NM	Ma, Chunming	Burns & McDonnell								X	X	X	X	3
NM	Meekins, Gary	Southern States								X	X	X	X	3
NM	Meyer, Pete	S&C Electric Company	X	X	X	X		X		X				1
NM	Mihretu, Feven	PG&E								X				1
NM	Milnikel, Henning	Siemens				X						X	X	2
NM	Neighbours, Terry	ABB Inc.	X			X							X	1
NM	Pal, Sumitabha	Schneider Electric								X	X	X	X	3
NM	Panos, Elias	PG&E								X				1
NM	Seo, June	HD Hyundai Electric								X				1
NM	Sigmon, Hall	Siemens Industry, Inc.								X				1
NM	Sims, Garrett	Eaton Corp.	X			X						X		1
NM	Singh, Manpreet	Southern States LLC								X				1
NM	Smith, Kirk	Retired	X	X		X						X		1
NM	Tabakovic, Dragan	Meramec Hubbell Power Systems				X						X		1
NM	Ward, Randall	Aluma-Form								X				1
NM	Zhang, Will	Hitachi T&D Solutions, Inc.	X	X	X	X						X	X	2
New	Amin, Bhrugen	S&C Electric										X		1
New	Andreyo, Joe	Southern States										X		1
New	Avila Escalante, Jesus	ABB										X		1
New	Beck, Jason	Dominion Energy VA										X		1
New	Beckel, Andrew	Xcel Energy - Minneapolis MN										X		1
New	Beecher, Zachary	SOUTHERN STATES LLC										X	X	2
New	Biradar, Siddangoud	EATON										X	X	2
New	Bolar, Sanket	Oncor Electric Delivery										X		1
New	Boles, Brett	Southern Company										X	X	2
New	Borck, Christopher	Eaton										X		1
New	Bornuat, Albane	GE Vernova										X	X	2
New	Brogdon, Jeffrey	Georgia Transmission Corporation										X		1
New	Bronsveld, Arjan	Hitachi Energy Sweden										X	X	2

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New	Bryant, Craig	Duke Energy										X		1
New	Buel, Tanner	S&C Electric										X	X	2
New	Castillo, Pedro	ABB										X		1
New	Dart, David	NOJA Power										X		1
New	Diaz, Lissy	FPL										X		1
New	Grdina, Todd	Siemens Industry, Inc										X		1
New	Heiny, Mark	ABB Inc										X		1
New	Hill, Douglas	S&C Electric Canada Ltd.										X		1
New	Ivanov, Alex	JST Power Equipment										X	X	2
New	Jaggernauth, Sudesh	Florida Power & Light										X		1
New	Kandel, Jackie	Powell Industries, Inc.										X		1
New	Kechroud, Riyad	GE VERNOVA										X		1
New	Kim, Yunseong	KERI										X		1
New	Lee, Michael	PG&E										X		1
New	Liu, Linda	Sieyuan Electric Co.,Ltd.										X		1
New	López, Leo	WIKA										X		1
New	Martz, Jaden	S&C Electric Company										X		1
New	Marzec, Peter	S&C Electric										X		1
New	Miller, Anne	TCI										X	X	2
New	Miranda Garcia, Sergio	ABB Mexico										X		1
New	Ordein Torres, Fernando	Dominion Energy										X		1
New	Parikh, Sharan	Duke Energy										X		1
New	Patil, Lalit	Eaton Corporation										X	X	2
New	Pounders, Isaac	Meiden America Switchgear										X		1
New	Rebovich, Justin	GE Vernova										X	X	2
New	Redden, Nicholas	Georgia Transmission										X		1
New	Rexroad, Aaron	Meiden America Switchgear inc.										X		1
New	Rogozhkin, Sergey	Tavrida Electric GmbH										X	X	2
New	Rowe, Ryan	TCI										X	X	2
New	Sakarapane, Kathryn	Schneider Electric										X		1
New	Santulli, Jennifer	IEEE-SA										X		1
New	Savulyak, Victor	KEMA										X		1
New	Sestito, John	Hyundai Electric America										X		1
New	Shirode, Aniket	ABB										X	X	2
New	Solanki, Lokeshkumar	ABB Inc.										X		1
New	Terry, Timothy	Meiden America Switchgear										X	X	2
New	Tillery, Timothy	HOWARD INDUSTRIES										X		1
New	Wang, Bo	G&W CANADA										X		1
New	Yin, Xingyan	G&W CANADA										X		1
New	Cuppett, Matthew	Hitachi Energy											X	1
New	Gordish, Daniel	Cleveland/Price Inc.											X	1
New	Orosz, Miklos	Circuit Breaker Technology & Support LLC											X	1
New	Scott, Jeffrey	Ameren											X	1
New	Huang, Zinan	Sieyuan Electric											X	1
New	Bouche, Nick	Switchgear Power Systems											X	1
New	Nolte, Michael	Kiewit											X	1
New	Henriet Hernandez, Eduardo	Siemens Energy											X	1
New	Banda, Eloy	Siemens Energy											X	1
New	Biquez, Francois	GE VERNOVA											X	1
New	Ledford, Travis	ABB											X	1
New	Haasz, Jodi	IEEE-SA											X	1
New	Lakshminarayana, Ramaprasad	Doble Engineering											X	1
New	Schwartz, Skyler	ATC											X	1
New	Cai, Cheney	Sieyuan Electric											X	1
20	<- # Voting Members # Present ->													12
	Guests ->													62
	Total ->													74