

**C37.24 PAR Study Group**  
**MINUTES OF THE Fall 2021 MEETING**

Microsoft Teams Meeting  
October 13, 2021

The meeting called to order by Chair, Terry Woodyard at 1:30pm on October 13, 2021.

**Attendance**

57 guests participated.

Attendance is listed at bottom of this document. Membership and attendance status are updated in AMS system.

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1) Approval of Meeting Agenda

The goal for this 10/13/2021 meeting is to Review proposed PAR changes

Agenda was reviewed and approved by consensus.

2) Patent Slides

No issues – Slides were approved via registrations to the Conference.

3) Introduction of members and guests – Completed

4) Minutes

There were no previous meetings.

5) Document Review

PAR PC37.24 was reviewed.

Major issues include:

a) Plan to obtain permission from other equipment entities to be included in the PAR. Paul Barnhardt agreed to assist Terry W. with contacting STPs of the various standards and guides to obtain permission

b) Document title too restrictive to scope of equipment covered.

6) Action Items

a) Paul Barnhardt agreed to assist Terry W. with contacting STPs of the various standards and guides to obtain permission

b) Add clause sub sections or equipment entities to be added to clause 7

c) Need to add "Switchboards" to the scope (in reference to UL 891)

d) C37.74 is listed in references but no clause included. Confirm with RODE that we should add this.

e) Motion made by Mike Lafond to approve the revised PAR with recommended action that the working group engage the new product entities for inclusion, revise the title of the PAR to remove metal-enclosed from the title and update the scope to match what is described by IEEE C37.20.7. Seconded by Ron Hartzel

f) Vote on Motion: Approve: 57; Oppose: 1

g) Eldridge volunteered for UL 347 clause addition.

h) We may be contacted by someone from IEC MT14 use the C37.24.

i) We will grant access to all of the documents to everyone in attendance today in the C37.24 iMeet Central workspace.

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- 7) Adjourn – Motion to adjourn Paul Barnhardt; Second by Ron Hartzel.  
Meeting adjourned at 2:11pm CDT.

Reported by:

Terry Neighbours

Secretary: C37.24

E: [terry.l.neighbours@us.abb.com](mailto:terry.l.neighbours@us.abb.com)

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**Attendance**

<b>Role</b>	<b>First Name</b>	<b>Last Name</b>	<b>Company</b>
Chair	Terry	Woodyard	Siemens
<b>Secretary</b>	<b>Terry</b>	<b>Neighbours</b>	<b>ABB</b>
Guest	Chris	Ambrose	Federal Pacific
Guest	Mauricio	Aristizabal	Hitachi-Powergrids
Guest	Suraj	Atere	PHI
Guest	Roy	Ayers	NES Power
Guest	Paul	Barnhardt	UL
Guest	David	Beseda	S & C Electric
Guest	Monique	Boisvert-La Terreur	Stace Electric
Guest	Russell	Boyce	Eaton
Guest	Ted	Burse	Powell Industries
Guest	Eldridge	Byron	Schneider Electric
Guest	Mike	Christian	ABB
Guest	Bob	Cohn	Powercon
Guest	Fiori	Coziuc	S & C Electric
Guest	Randy	Creach	AZZ
Guest	Stacey	Davies	Siemens
<b>Guest</b>	<b>Arkadiusz</b>	<b>Doroz</b>	<b>Eaton</b>
Guest	Louis	Doucet	Stace Electric
Guest	Doug	Edwards	Siemens
Guest	Michael	Flack	Southern Company
Guest	Sergio	Flores	Schneider Electric
Guest	Keith	Flowers	Siemens
Guest	Chris	French	Eaton
Guest	Paul	Gingrich	AZZ
Guest	Ilya	Glinsky	Southern California Edison
Guest	Dave	Gohil	AZZ
Guest	Bruce	Hack	National Breaker Service
Guest	Ron	Hartzel	Eaton
Guest	Jared	Hines	Eaton
Guest	Dan	Hrcir	Eaton
<b>Guest</b>	<b>Fang</b>	<b>Huang</b>	<b>AEP</b>
Guest	Christopher	Jarnigan	Southern Company
Guest	Travis	Johnson	Xcel Energy
Guest	Andy	Keels	Keelectric Engineering
Guest	Michael	Lafond	ABB
Guest	Scott	Lanning	S & C Electric
Guest	Bob	Lau	NVENTCO
Guest	David	Lemmerman	PECO
Guest	Liu	Hua Ying	Southern California Edison
Guest	Colby	Lovins	Federal Pacific
Guest	Steven	May	Southern Company
Guest	Henning	Milnikel	Siemens
Guest	Darryl	Moser	ABB
Guest	Owen	Parks	ABB

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Guest	Mark	Peterson	Xcel Energy
Guest	John	Phouminh	PHI
Guest	Santosh	Reddy	Powell Industries
Guest	Jeffery	Ricker	Schneider Electric
Guest	Richard	Rohr	Powell Industries
Guest	Garett	Sims	Eaton
Guest	Mike	Skidmore	AEP
Guest	Noel	Smith	Fortis
<b>Guest</b>	<b>Joe</b>	<b>Stemmerich</b>	<b>Trayer</b>
Guest	Donnie	Swing	Powell Industries
Guest	Christo	Thomas	Schneider Electric
Guest	Jerry	Wen	BC Hydro
Guest	Matthew	Westerdale	USBR
Guest	Mina	Youssef	Eaton