

C37.59 Working Group
MINUTES OF THE Fall 2014 MEETING

Renaissance Hotel, Asheville, NC USA
4:15 – 6:00PM, September 23, 2014
10:15 AM – 12:00PM, September 24, 2014

Two separate meetings were conducted.

September 23: The meeting was called to order by Chair, M. Dean Sigmon at 4:15 PM and adjourned at 6:00 PM.

September 24: The meeting was called to order by Chair, M. Dean Sigmon at 10:15 AM and adjourned at 11:04 AM

Attendance

Quorum: 28 total members thus Quorum required 14 members.

Members: 18 members were present, thus quorum was met for meeting.

Guest: 20

Total: 38

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

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1. Welcome

2. Approval of Meeting Agenda

Agenda was discussed and approved by consensus.

Agenda was shown, discussed, and approved.

Motion by M. Valdes to approve agenda as shown.

2nd by P. Barnhart

Approved unanimously

3. Introduction of attendees - Completed

4. Approval of Spring 2014, Orlando minutes

Minutes was shown, discussed, and approved.

Motion by T. Burse to approve minutes as shown.

2nd by M. Valdes

Approved unanimously

Later in meeting, correction to minutes was identified – formatting issue only.

Motion by L. Yonce to correct formatting issue associated with Racking Endurance.

2nd by D. Delfino

Approved unanimously.

<http://www.ewh.ieee.org/soc/pes/switchgear/minutes/2014-1/S14ADSCOMa4.pdf>

5. Standard Status

a. PAR was approved August 20, 2014; PAR expires December 31, 2018.

b. C37.59-D2 and C37.59 XXXX creating D2 circulated prior to meeting.

c. C37.59-D2b created during meeting.

6. Reports from Task Groups formed at Spring 2014 meeting.

a. Medium Voltage: 2-High Switchgear

Future target is to review watts loss issues.

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TASK FORCE (TF): No Chair/Group - No volunteers at this time.

- b. Medium Voltage: Definite Purpose Switching

No activity

TF: L. Yonce, added Amit Patel

- c. Medium Voltage: Capacitor Switches (no active group)

No activity

TF: No Chair/Group

- d. Medium Voltage: Cassette Adapters

In C37.59-D2, changes include:

- Deleting LV
- Adding MV
- Listing applicable standards
- Referencing conformance tests

John Webb will provide proposed text. New sections should be created for MV cassette adapters – parallel construction to LV sections.

TF: J. Webb (Chair), added L. Yonce, D. Edwards

- e. Low Voltage: Adapter in Cassette (no active group)

No activity

TF: No Chair/Group

- f. Low Voltage: MCCB in Switchgear Assemblies

J. Webb had reviewed standard and found all okay as is, thus no changes are planned.

TF: J. Webb

- g. Low Voltage: Trip device conversions

Comments had been provided discussing use of C37.50 and only requiring testing on limited CB frame sizes. Discussion was that this was not appropriate for Trip Unit conversions.

Motion by P Barnhart

Motion: Change text back to C37.59-D1 text concerning trip unit conversions.

2nd by T. Olsen

Approved with one (1) negative vote

TF: No Chair/Group

- h. Low Voltage: DC conversions

No activity

TF: R. Rohr (Chair), H. Weiher

- i. Low Voltage: MCC Buckets

J. Webb

Review from Spring 2014 meeting was that MCC was Out of Scope for C37.59.

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Comments to this will be added to the Introduction.

Request for adding MCC conversions to UL845 will be made.

- j. Switchgear Assemblies: Arc Resistant conv. (no active group)

No activity.

TF: Doug Edwards took task. Forecast is targeted to requiring testing to demonstrate capabilities.

- k. Switchgear Assemblies: Racking Endurance

No activity.

TF: L. Yonce, added D. Delifino

- l. Annex: Conversion Documentation Forms

Reported by L. Yonce (T. Esco not present)

PDF document being created. IEEE confirmed that link to a form could be provided in the standard and maintained by IEEE making electronic form available.

TF: T. Esco

- m. General: Dated References

If reference to a particular section of another document is made, the reference must include the date. However, in order to keep reference to other document being to latest version of the document, general goal is to use undated references. A label for the area of interest in the document (title or description) can be used for undated references maintaining the reference to latest version of the document.

T. Olsen offered a recommendation that C37.59 adopt footnotes similar to those that have been used in C37.20.1 as shown below:

⁷ As this standard goes to press, information in IEEE Std C37.16 is in the process of being incorporated into IEEE Std C37.13 (for LV ac circuit breakers) or IEEE Std C37.14 (for dc circuit breakers). Upon approval of IEEE Std C37.13 and / or IEEE Std C37.14, all references in this document (IEEE Std C37.20.1) shall be interpreted as referring to IEEE Std C37.13 or IEEE Std C37.14, as applicable.

Footnotes in this style would cover the elimination of C37.16 for low voltage devices and C37.06 for high voltage devices. References to C37.06 and C37.16 will be removed.

TF: T. Olsen (Chair), L. Yonce

7. Review of C37.59-D2a creating D2b

- a. Low voltage trip device conversions

See comment 6.g above.

- b. Dated reference

See comment 6.m above.

- c. Medium voltage definite purpose switching devices

Must address issue with label "medium-voltage."

- d. Rating labels

Need to provide references to ANSI Z535 for labels and nameplates.

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- e. A3.8 Direct acting dc overcurrent trip systems changed to Overcurrent trip systems for dc circuit breakers.
- 8. Action Item Summary
 - Must rework document into IEEE Template.
- 9. Adjournment
 - Two meetings were held.
 - September 23 – Meeting was adjourned at 6:00 PM.
 - September 24 – Meeting was adjourned at 11:04 AM.

Reported by:

Doug Edwards
Vice-Chair C37.59
E: doug.edwards@ieee.org

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Role	First Name	Last Name	Company
Chair	Dean	Sigmon	Eaton Corporation
Vice-Chair	Doug	Edwards	Siemens Industry, Inc.
Member	T	Olsen	Siemens Industry, Inc.
Member	Ted	Burse	Powell Industries, Inc
Member	Michael	Flack	Southern Company Generation
Member	Larry	Yonce	Eaton Corporation
Member	Paul	Barnhart	Underwriters Laboratories
Member	Jeffery	Mizener	Siemens Industry
Member	Paul	Sullivan	DuPont
Member	John	Webb	ABB
Member	David	Lemmerman	PECO/Exelon
Member	Michael	Lafond	General Electric
Member	Robert	Cohn	Powercon Corp.
Member	Marcelo	Valdes	GE
Member	Jeffrey	Hanson	Schneider Electric
Member	Richard	Rohr	Powell Electrical Systems
Member	Daniel	Delfino	General Electric
Member	Tim	Rohrer	Exiscan
Guest	Miklos	Orosz	Schneider Electric
Guest	Amit	Patel	GE
Guest	Michael	Wactor	Powell Industries, Inc
Guest	James	Smith	Retired
Guest	Nigel	McQuin	McQuin Electrical Power Consulting, Inc.
Guest	Douglas	Giraud	Powell Electrical Systems
Guest	Jerry	Baskin	Federal Pacific
Guest	Dave	Riffe	Westinghouse Electric Company
Guest	Matthew	Williford	Schneider Electric
Guest	Tom	Hawkins	Siemens Industry
Guest	Erin	Spiewak	IEEE
Guest	James	Stacy	Schneider Electric
Guest	Stephen	Cary	Eaton Corporation
Guest	Jacob	Joseph	Toshiba International Corporation
Guest	Roy	Ayers	Nashville Electric Service
Guest	John	McClelland	Technibus
Guest	Sergio	Flores	Schneider Electric Inc. USA
Guest	Helmut	Weiher	Utility Relay Company
Guest	Ryan	McClarnon	Utility Relay Company
Guest	Carl	LaPlace	GE Industrial Solutions