



IEEE PES STATIONARY BATTERY COMMITTEE

PES Stationary Battery Committee Meeting Minutes
Monday, Jan 11, 2010; San Diego California

Jan 11, 2010

1. *Introductions*

Chairman Jeff LaMarca was unable to attend this meeting.
Bill Cantor, Vice Chairman, presided over the meeting.

Bill Cantor called the meeting to order and welcomed all attendees.
Note changes to the agenda:

- 1635 Ventilation session on Monday afternoon is cancelled.
- 485 is the only meeting on Monday afternoon
- Wednesday afternoon is changed to 535 instead of 450. The 450 committee is meeting on Thursday morning for a brief time.
- No Glossary meeting on Monday afternoon.

All attendees introduced themselves.

The group recognizes and appreciates Banshi Patel for setting up this meeting in San Diego. Banshi made a few housekeeping comments.

An announcement was made to informally ask members to contribute \$10 per attendee to help defray the cost of the screens and the cords that members have purchased for the use of the items.

Motion was made to approve the minutes from the June 2009 meeting. Minutes were approved.

S. Norman made comments on the Senior Members:

Robert Fletcher
Robert Beavers
Jim McDowall
Bill Cantor
John Coyle
Tom Carpenter

3 additional members are in the works: Steve Clark, Mike Jump and John Kopera.
Samuel recognized members who have attended more than 15-20 years.

Note to working chairs: are required to show the Patent Slides at the beginning of the working group meetings.



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2. *Standards and Working Group Status*

Jim McDowall and the working group chairs provided an update on the various standards.

PAR #/ WG	Subject	Chair	Last Issued	Status
450	Vented Lead Acid Maint and Testing	Clark	2002	Ballot pool formed and ready to go to ballot.
484	Vented Lead Acid Installation	LaMarca	2002	
485	Lead Acid Sizing	Fletcher	1997- R2003	Meeting at this meeting, balloted and now have comments to resolve. Getting ready to re-ballot. Plan to be done this year.
535	Nuclear Battery Qualification	R. Beavers	2006	PAR open to address the passive plants with 72 hour duty cycles.
1106	NiCad Install, Maint, and Testing	McDowall	2005	No action
1115	NiCad Sizing	McDowall	2000 – R2005 – 1115a- 2007	Reaffirmed in 2005, amendment in 2007. NO action
1184	UPS Battery	Patel	2006	A reaffirmation ballot will be coming out.
1187	VRLA Installation	Jump	2002	Par expires in 2011. working on revision and should go out to ballot 010
1188	VRLA Maint and Testing	Cantor	2005	Put out a re-affirmation ballot this year.
1189	VRLA Selection	Marrero	2007	One session this meeting, PAR not yet opened.
1375	Battery Protection	Uhlir	1998 – R2003	Par expires end of 2012. working on revision. Meeting twice this meeting.
1491	Battery Monitoring	Cotton	2005	Par expires 12/2010.
1578	Spill Containment	Taylor	2007	No action.
1625	Portable	Layton	2008	No action



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	Computer Batteries			
1635	Ventilation Document	Clark	Draft	Converted into the new template for IEEE documents. Resolution on all comments and ready to go back to rebalot.
1657	Technician Qualification	Ashton	Draft	Published in 12/2009
1660	Battery Cycling	Corey	Draft	Approved in 2008. No action
1679	Emerging Battery Technologies	McDowell	Draft	1679.1 is being created exclusively for Lithium batteries.
1725	Cell Phone Battery	Howard	2006	This (1725) and 1625 may be merged together. No action
1825	Digital Camera and Camcorder Batteries	Baronas	Draft	This document has been withdrawn. <i>REMOVE FROM OUR LIST</i>

3. *Coordination*
 Coordinating reports.

Curtis Ashton – ATIS is working on documents for DC Cable and Lugs.

Ron Marts – Telcordia – no action at this time

Rick Tressler – Battcon – will be held May-17-19 in Hollywood FL at the Westin Diplomat. All details can be found at www.Battcon.com. The Battcon 2010 theme is Back to the Basics – Maintenance, etc.

Infobatt: April 11-13, 2010. see website www.infobatt.com

Intelec – Steve Vechy – Orlando, Hilton, June 6-10, website: intelec.org

Steve McCluer –

NEC – submitted comments and will be presenting to the summer meeting re: Article 480
 NFPA 70E – 65 proposals offered to remove all Installation comments. Meeting in Feb. to



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review over 500 proposals. Very little concerning DC in 70E currently.
IFC – updated Article 608

Glossary – Committee met Sunday (Jan 10). The Glossary is posted on the Stabat Private Area at: <http://monatee.ieee.org/groups/stationary-battery> ??? website for use by the Chairs and members. In order to be in agreement across all documents.

Bill Cantor recognized Steve McCluer for his work and effort on the industry Codes.

Nuclear Task Force – Bob Beavers – meeting Tuesday afternoon.

PES meeting in Calgary, Can. in 2009 – attended by Jeff LaMarca and Bob Fletcher. Next meeting in Minneapolis in July.

3. *Site Selection Committee*

Chris Searles commented on setting up the next meeting in Minneapolis. Next meeting is Sunday June 20-24, 2010, at the Sheraton St Paul.

Jan 2012 -meeting tentatively set by Dan Lambert - St. Louis??
June 2011 – IEEE headquarters, Piscataway NJ

Information on setting up meetings is posted on the website.

1. Sunday Technical Sessions

A discussion was held for the potential Technical Sessions for the Sunday session at the next meeting.

Maintenance and Testing of Spare/Replacement Cells - Allen Byrne
Intermittent Charging – Steve Clarke

Dan Lambert explained the efforts to arrange the Jan 2011 meeting in St Louis MO.

There was a recognition of NEW members:

James Oh
Terry Chapman
Larry Carson



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Bill Cantor explained the process to become a member of the PES Stationary Battery committee. The requirements are also on the StaBatt website.

Reminder to all working group chairs to provide all minutes, attendance and update documents.

New Business:

Curtis Ashton discussed the IEEE Std 1657 that was published in Dec. 2009. Curtis acknowledged the work and comments that everyone provided in the completion of the document.

Curtis announced that the following Awards are being offered to the following in appreciation of their work:

Steve McCluer
Ed Rafter
Jim McDowall
Jay Chamberlain

Motion to recess was made until Thursday at 11:30.

General Meeting adjourned.

Tuesday, Jan 12th

Working Group meetings continued.

Wednesday, Jan 13 th

Working Group meetings continued.

Thursday, Jan 14th

Working Group meetings continued until mid-morning. At which time, the full committee was re-opened to discuss progress of the working groups and sub-committees.

Closing meeting on Thursday Jan 14th:

Rick Tressler chaired the closing meeting.

Rick asked all working group chairs for their needed time slots for the next meeting (Minneapolis in June 2010).

A request was made to post the next meeting schedule to assist members with scheduling their trip.



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Committee and working group progress and action items are listed in their respective minutes.

The following Working Group chairs or their designated representatives reported meeting progress and indicated requested meeting slots for the summer meeting in Minneapolis 2010.

1. WG 485: No sessions requested per Bob Beavers
2. WG 1187: 2 meetings WG chair was not present, but indicated need for meeting time at the WG session
3. WG 1189: 3 sessions per Jose Marrero
4. Nuclear Task Force: Bob Beavers (on behalf of Jeff LaMarca) - One session
5. WG 535: Bob Beavers-One session
6. WG 1375: Kurt Uhlir Two sessions needed.
7. WG 1679.1: One per Jose Marrero
8. WG 450: Steve Clark-Two sessions needed. Will be dedicated to comments resolution.
9. WG 1635: Steve Clark-One or two session based on whether the document is re-circulated or re-balloted

Other business - None

The meeting was adjourned at 10:38 a.m. PST.



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Instructions for the WG Chair

- **At Each Meeting, the Working Group Chair shall:**
- **Show slides #1 and #2 of this presentation**
- **Advise the WG membership that:**
 - The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early disclosure of patents which may be essential for the use of standards under development is encouraged;
 - Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of standards under development, and that neither the IEEE, the WG, nor the WG Chairman ensure the accuracy or completeness of any disclosure or whether any disclosure is of a patent that, in fact, may be essential for the use of standards under development.
 - Instruct the WG Secretary to record in the minutes of the relevant WG meeting:
 - That the foregoing advice was provided and the two slides were shown;
 - That an opportunity was provided for WG members to identify or disclose patents that the WG member believes may be essential for the use of that standard;
 - Any responses that were given, specifically the patents and patent applications that were identified (if any) and by whom.



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Slide 1

IEEE-SA Standards Board Bylaws on Patents in Standards

6. Patents

IEEE standards may include the known use of essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either:

a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed IEEE standard against any person or entity complying with the standard; or

b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

Slide 2

Inappropriate Topics for IEEE WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims
- Don't discuss the cost of specific patent use
- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions, or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed... do formally object.

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/board/pat/index.html>.

This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>