



IEEE

PES STATIONARY BATTERY COMMITTEE

PES Stationary Battery Committee Meeting Minutes
Monday, June 06, 2009; Santa Rosa, California

June 6, 2009

1. *Introductions*

Chairman Jeff LaMarca called the meeting to order at 8:00 am
Jeff LaMarca alerted the attendees that there was a swap of meeting times on Tuesday.

All attendees introduced themselves.

There are 59 members of the committee and 28 members were in attendance. There were 44 total attendees.

Mike Jump, the host of the meeting explained the current hotel arrangements
The PES Stationary Battery Committee thanks Mike Jump for organizing the meeting.

The minutes from the February 2009 Atlanta meeting were approved unanimously.

The PATENT slides and Policy slides were presented to the group. Working Chairs are required to show the slides at the beginning of each working group.



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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	Par expires 12/31/09; making progress and expect to issue an extension and ballot early 2010
484	Vented Lead Acid Installation	LaMarca	2002	There are new items to include at the next revision
485	Lead Acid Sizing	Fletcher	1997- R2003	Par expires 12/31/09. Comments on ballot to be resolved this meeting. Re-ballot this year, will request an extension in Dec. to handle all comments.
535	Nuclear Battery Qualification	R. Beavers	2006	PAR was submitted in 4/09, comments and work to include changes to include the new duty cycles for the new nuclear plant batteries.
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	No action
1187	VRLA Installation	Jump	2002	Par expires in 2011. working on revision and should go out to ballot 2010
1188	VRLA Maint and Testing	Cantor	2005	No action at this time. Will discuss at, next meeting
1189	VRLA Selection	Marrero	2007	Two sessions this meeting, PAR request to be entered after meeting.
1375	Battery Protection	Uhlir	1998 – R2003	Par expires end of 2012. projected completion 12/2010.
1491	Battery Monitoring	Cotton	2005	Par expires 12/2010. expect to go to ballot 12/2009
1578	Spill	Taylor	2007	No action.



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PAR #/ WG	Subject	Chair	Last Issued	Status
	Containment			
1625	Portable Computer Batteries	Layton	2008	No action
1635	Ventilation Document	Clark	Draft	Par expires end of 2012. Through first round of comments, recirculation later this year.
1657	Technician Qualification	Ashton	Draft	Hope to have published by 12/2009
1660	Battery Cycling	Corey	Draft	Approved in 2008. No action
1679	Emerging Battery Technologies	McDowell	Draft	Balloted , recirculation expected soon, expires in 12.09, may have to get extension. 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- ATTIS writes docs for Telecom, no battery work at this time. Work is focused on cable and efficiencies of equipment.

Curtsi Ashton – Telcordia – issued a document on batteries to member companies on codes,, ventilation, spill cont., etc. GR513 on DC plants is being expanded to include distributed power plants and data center apps, etc.

Allen Byrne – Battcon 09, next year in Hollywood FL, Westin hotel, 5/17-19 2010.

Zbig – Infobatt -2010 meeting is moved to April 2010, 11-13.



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Steve McCluer – NFPA, 70E comments submitted, doc is being published now. Propose that StaBatt committee participate and write the battery section for the next revision, from NOW- to January of 2010. Chair of the committee (NFPA 70E) has not yet responded to the request. 70E will be published this year. StaBatt committee would like to address DC arc flash, but at this point, there still isn't a lot known about the DC application.

Steve McCluer – NEC, Article 480, StaBatt code committee submitted to NEC awaiting comment

Steve McCluer – Glossry document – COMPLETED. It will be posted on the private area of the website. The intent is that it is an internal document to be used in writing our standards.

Steve McCluer- MSDS committee, working on “harmonizing” the MSDS sheets- there appears to be no standard for the sheets. The committee meets via conference calls and web meetings.

Jeff LaMarca – Nuclear Task Force meeting will include presentations and industry experience, Tuesday afternoon.

Jeff La Marca– PES general meeting in Calgary in July. Bob Fletcher and Jeff LaMarca are attending. Need O&P manuals.

4. *Site Selection Committee*

Wayne Johnson – **Site selection Chair.**

Next meeting Jan 10-14 in San Diego, Bansi Patel is sponsoring the meeting. A request is being made to see if the power companies can assist with the sponsoring of the IEEE meetings.

Summer meeting – Stillwater MN, Chris Searles is sponsoring. Exact dates to be determined within the next two weeks.

Winter 2011. Dan Lambert- ATLANTA

June 2011 – IEEE headquarters, Piscataway, NJ

Call for HOSTS for any and all future meetings, especially 2012 winter and summer meetings.

Discussion took place on how to negotiate with the hotels when setting up the meetings. Comments were made about trying to keep the rates low and convenient to airports for travel. Start negotiating and calling hotels early.

Steve Clark will update the document on how to negotiate with the hotels and how to set up meetings. The document will be posted on the StaBatt website.



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Mike Jump provided information on the wine tour Thursday.

Jeff LaMarca showed the StaBatt website and the presentations available for download.

1. Technical Activities

A discussion was held on the TECHNICAL SESSIONS for the Sunday session prior to the next meeting Winter 2010. Bill Cantor headed the voting on the Technical session for the Sunday meeting prior to the next meeting.

Voting took place to select two topics and the organizer:

1. Other Battery Standards – NFPA, ATIS, IEC, FERC, NERC requirements – ALLEN BYRNE
2. Load Testing RICK TRESSLER

6. Old Business

O&P Manual – Jim McDowall is working on it. Due date – 3rd qtr 2009. Audits begin in 2010. The document will be the Parent and we will include a Normative annex which will include and apply to all the working groups.

Website – public and private areas were shown and available; private area where the draft standards are located.

7. New Business:

No new business.

General Meeting adjourned.

Tuesday, June 9th

Working Group meetings continued.

Wednesday, June 10th

Working Group meetings continued.

Thursday, June 11th



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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 June 11th:

Bill Cantor chaired the closing meeting.

Bill asked all working group chairs for their needed time slots for the next meeting (San Diego in Jan 2010).

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

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

At this time the meeting was adjourned.



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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>