

PES Stationary Battery Committee

(Technical Committee)

Meeting Minutes – October 6, 1999

Call to order at 1:10pm.

Harthorn Suites / Chattanooga, TN

1. Opening introductions conducted by Jim McDowell of all attending.
We will be creating a roster for the membership. See Samuel to be included on the active roster. One must be a PES member to join and serve on this technical committee.
2. Review of the Transitional Structure (see exhibit)
Harry Jones – PES has approved the initial officers of the committee.
Jim reviewed the scope of the committee. The group participated in a open discussion of the scope and any potential activities/limits of the group.

SCOPE: - (insert text)

- 2.1. Admin Sub Comm - responsible for awards and general administration of the committee operations. John Coyle
- 2.2. Technical Sub Comm – review of technical papers and presentation. Louis
- 2.3. Standards Sub Comm – coordination of the standards with other groups. We are not planning to create standards in this group if the standard is covered by other committees.
- 2.4. Meetings Sub Comm – Responsible for our participation within PES organization.
- 2.5. After discussion of the “Future Committee Structure” we plan to add two subcommittees to the structure. (Applications, Technology) An informal unanimous vote approved the addition of the subcommittees.
3. Review of the Committee Activities
 - 3.1. PES summer & winter meetings
 - 3.1.1. We are obligated to attend these to maintain the PES standing.
 - 3.1.2. Panel sessions and technical sessions. We could host and moderate these sessions for the discussion of controversial/interesting topics related to the industry.
 - 3.2. Conference Sponsorship
 - 3.2.1. There are 2 levels of sponsorship.
 - 3.2.1.1. Financial – funding sponsorship/risk benefits and publishing rights to the proceedings.
 - 3.2.1.2. Technical - use of PES Logo and credibility sponsor.

- 3.2.2. BATTCON2000 – we are proceeding with the technical sponsorship of this meeting. AlberCorp has been contacted.
 - 3.2.3. EESAT2000 (Electrical Energy Storage – Application & Technologies)
 - 3.2.4. We have the potential to sponsor our own conferences in the future.
 - 3.3. Standards
 - 3.3.1. It is intended to be a liaison to the work of SCC29, not preempt the current activities.
 - 3.4. Other Activities
 - 3.4.1. Internal Panel Sessions, training as examples.
 - 3.4.2. Support the advancement of members within IEEE.
 - 3.4.3. Jim Edmonds spoke of two day tutorials and paper presentations from a previous experience as one idea for creating a forum.
 - 3.4.4. Other ideas related to taping, video and materials of sessions for future distribution.
- 4. Stationary Battery Committee / The Future Structure
 - 4.1. Open discussion of various organizational structures.
 - i.e. - application; practice; chemistry/technology; combinations.
 - 4.2. Support was voiced for a combination including – This is similar to other PES committees.
 - 4.2.1. Applications Subcommittee
 - 4.2.1.1. This subcommittee will address the integration of components and devices attached to the DC system within the stationary battery installation and facility. Addressing integration, operation, use and maintenance of these components as applied in these systems.
 - 4.2.2. Technology Subcommittee
 - 4.2.2.1. This subcommittee will address the specific nature of individual components and devices that are used within the installation of DC system.
 - 4.2.3. Environmental Subcommittee – will not be used at this time.
 - 4.3. There should be specific workgroups or task forces that will fall under the appropriate subcommittee.
 - 4.4. There should be room to encompass many elements surrounding the stationary battery to look at the “whole” integrated DC power plant.
- 5. General Organization
 - 5.1. Future Meetings

- 5.1.1. When to Meet. Can we combine the meetings with other group meetings, PES meetings and/or sponsored conferences? A proposal was presented to meet with SCC29 meetings for the next two meetings / 12 months.
- 5.1.2. Frequency – Once or Twice per year.
- 5.1.3. Duration – Content driven and limited by other meetings agenda.
- 5.2. Potential Conference Topics
 - 5.2.1. Wayne spearheaded the creation of a list of topics for panels:
Battery sizing; protection-fuses & breakers; DC ground detection; spill containment; VRLA controversies; internal ohmic measurements/methods; battery monitoring; discharge testing; continuity testing; battery charging & return to service; battery failure modes; energy storage

Motion by: Paul Hellen / 2nd by: Jim Edmonds

**For next SCC29/PES meeting we plan on meeting business PES on Saturday Eve. Sunday Afternoon PES Sponsored panel sessions (2 each/2 hours) not to interfere with SCC29. PES will hold a business meeting after SCC29 meeting for ½ day.
Motion Carried**

The meeting was adjourned @ 4:55pm

TCPC – Technical Committee Program Chairman – Attends to PES general meetings.
Coordinate review of technical papers
Liaison w/ Technical Program Chair
Planning of panel/paper sessions

Meeting Minutes – October 7, 1999

Call to order at 8:00am.

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1. General Organization (cont)
 - 1.1. Short List for Next Panel Sessions / Group priority selection votes (x)
 - 1.1.1. Spill Containment (12)
 - 1.1.2. Battery Charging and Return to Service (4)
 - 1.1.3. Ohmic Methods (4)
 - 1.1.4. Discharge Testing (3)
 - 1.1.5. Grounding of DC Systems (7)
 - 1.1.6. Battery Monitoring (1)
 - 1.2. There should be 4-5 panel members, users and suppliers.
 - 1.3. We will make efforts to carry these topics through several meeting over the year.
2. Membership Volunteers & Meeting Assignments
 - 2.1. SPM2000/Seattle – Jul 16-20, 2000
 - 2.1.1. TCPC - Jim McDowell
 - 2.1.2. Energy Storage Panel is being planned for this session.
 - 2.2. WPM2001/Columbus – Jan 28 –Feb 1, 2001
 - 2.2.1. TCPC – John Coyle
 - 2.3. SPM2001/Vancouver – Jul 15-19, 2001
 - 2.3.1. TCPC – Jim Edmonds
 - 2.4. Spill Containment Panel – Sam Shaw / Tech Program Chair
 - 2.5. Grounding DC Systems Panel – John Coyle / Tech Program Chair
 - 2.6. Sub Committee Chairman Volunteers
 - 2.6.1. Sam Shaw and Paul Hellen
 - 2.7. Sub Committee Vice-Chairman Volunteers
 - 2.7.1. Hal Taylor and Steve Clark
 - 2.8. We informally discussed to allow the chairman to make agenda changes to accommodate Sunday facility availability at the next meeting in April 2000.
 - 2.9. Web Site
 - 2.9.1. Samuel Norman will serve as Webmaster
 - 2.9.2. The location of the server and other specifics to be determined.

- 2.9.3. It was suggested to link with the SCC29.
- 2.10. Publicity in General
 - 2.10.1. This falls in the area of meetings subcommittee with Wayne.
 - 2.10.2. John will contact
- 3. John Coyle and Jose Marrero / Meeting Adjourned @ 9:15am.