

PES Stationary Battery Committee (Technical Committee Meeting)

Meeting Minutes – April 21, 2002

Call to order at 10:00 am.

Bayside Inn / Destin, Florida

1. Opening introductions conducted by Jim McDowell of all attending.
Please review the roster for your current membership status. See Samuel to be included on the active roster. One must be a PES member, in-addition to IEEE, to join and serve on this technical committee.
 - 1.1. Thanks were extended to the Southern Company and Jose Marrero for Coordination of this meeting.
2. Meeting Minutes review. No comments for change were noted.
3. Panel Planning Sessions
We carried forward existing topics, from the previous meetings and opened the floor for discussion and new topic generation.
Bold indicates the accepted topics by vote for the panel sessions.
 - 3.1. Review of the technical topics.
 - 3.1.1. Discharge Testing
 - 3.1.2. Advanced battery technologies (10/8)**
 - 3.1.3. Voltage Effects / Short Circuit (10/6)
 - 3.1.4. Advanced test equipment (6)
 - 3.1.5. Retrofits and Sizing (9/4)
 - 3.1.6. Ohmic Measurements (1)
 - 3.1.7. National Codes (10/6)
 - 3.1.8. Polarization/half-cell measurements (11/9)**
 - 3.1.9. VRLA Reliability Issues – an application (1)
 - 3.1.9.1.Re-Hydration
 - 3.1.9.2.Load Test
 - 3.1.9.3.Ohmic Measurements
 - 3.1.9.4.Catalyst
 - 3.1.10. Ventilation & Battery rooms (9/6)
4. Decision discussion for destiny of the Committee and relationship with SCC29. Jim led a discussion about how we operate into the future.
 - 4.1. De-rate to Subcommittee or Dis-band.

- 4.2. Need to participate with more PES activities.
- 4.3. Possible to merge the SCC29 standards into this program.
5. Adjournment
6. Chairman adjourned the meeting until the panel sessions.
7. Attendance = 19

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| Meeting Minutes – Panel Sessions |
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Call to order at 1:00 p.m.

Attendance = **21**

Panel Sessions

1. Battery Charging Philosophy

- 1.1. Tom Ruhlmann - Dynasty Battery / VRLA
- 1.2. Jim McDowall - Saft Corporation / Ni-Cd
- 1.3. Tim Bolgeo - TVA / Practical Applications

2. Battery Protection

- 2.1. Tom Ruhlmann - Dynasty Battery /
 - 2.1.1. VRLA Battery System Overload & Short Circuit Protection
- 2.2. Richard Setchell - WE Energies
 - 2.2.1. Short Circuit Devices and NEC Interpretations