

<p style="text-align: center;">IEEE Power Engineering Society Entity Annual Report 2006</p>
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Entity: Stationary Battery Committee

Chair: S. Norman (2005-06)

Significant Accomplishments in 2006 (Please explain why these are significant and include details and examples):

The committee currently sponsors 20 active standards including 3 Corporate Entity standards for the Livium Series. Four new members were added to the committee roster including participation from Verizon Wireless, Sprint and the FAA.

- 1) New **PAR 1825**; Rechargeable Batteries Digital Cameras & Camcorders
- 2) Open Revision PAR **IEEE 1625**; Rechargeable Batteries in Portable Computing
- 3) New Publication: **IEEE 1725**; Rechargeable Batteries in Cellular telephones
- 4) Revision Update: **IEEE 535**; Nuclear Battery Qualification
- 5) Addendum: **IEEE 1115**; Ni-Cd Battery Sizing
- 6) Publication: **IEEE 1184**; UPS Batteries

Benefits to Industry and PES Members from the 2006 Work (provide specific examples and explain what the benefits are):

- 1) Sponsorship of the Livium family of standards (**1625, 1725, 1825**) has worldwide impact of consumer product safety, reliability and performance utilizing lithium-ion batteries. Additionally, committee sponsorship of these documents supports the initiatives of the IEEE-SA Corporate Advisory Group.
- 2) Joint collaboration of IEEE and ASHRAE for **IEEE/ASHRAE 1635/200** 'Guide for the Ventilation and Thermal Management of Stationary Battery Installations'. The standard will provide guidance and understanding about battery installations to Authority Having Jurisdiction (AHJs) for code interpretation processes.

Benefits to Volunteer Participants from the 2006 Work (provide specific examples and explain what the benefits are):

- 1) Committee Hosted Technical Panel Sessions:
 - a) Discharge Testing; Tips and Techniques
 - b) UPS and Battery System Architectures
 - c) Battery Selection; Application Considerations
 - d) Emerging Storage Technologies
- 2) Committee Workshops:
 - a) 'Using the myBallot Online Tools' - Angela Ortiz; SA/Program Manager
 - b) 'Building and Standards Document from Par to Publication' – Angela Ortiz; SA/PM

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Recognition of Outstanding Performance (include all award winners and their affiliations for which your area is responsible):

- 1) Committee Service Awards:
 - a) E.C. Stallings; Southern Company – Recognized for outstanding volunteer service for over 25 years in the Stationary Battery Committee.
 - b) Richard “Tim” Bolgeo; TVA - Recognized for outstanding volunteer service for over 25 years in the Stationary Battery Committee.

Significant Plans for 2007:

- 1) Ballot **P1679**; Recommended Practice for the Characterization and Evaluation of Emerging Battery Technologies in Stationary Applications.
- 2) Ballot **P1660**; Application & Management of Stationary Batteries used in Cycling Service.
- 3) Ballot **P1657**; Guide for Personnel Qualifications for Installation, Maintenance, and Operation of Stationary Batteries.
- 4) Ballot Resolution; Revision **IEEE 1189**; VRLA Battery Selection
- 5) Ballot; Reaffirmation **IEEE 484**; Vented Lead-Acid Battery Installation
- 6) Publication of **P1578**; Battery Spill Containment
- 7) Committee Officer Rotation occurs in January 2007-
 - a) Officers for 2007-2008 term
 - i) Chair; Robert Fletcher
 - ii) Vice Chair; Jeffrey LeMarca
 - iii) Secretary; William Cantor
- 8) Meeting Schedule
 - a) January 7-11, 2007 – Chattanooga, TN
 - b) June 10-14, 2007 – Columbus, Ohio

Problems and Concerns:

The new members (4) did not result in an increase to the roster but instead balanced the loss of four members due to retirements, job responsibility changes and reduced corporate support for member attendance. We are pleased with the quality of attendance, as we consistently have over 67% roster participation and average an additional 17 guest participants for each meeting.

Report Submitted by: S. Norman- Past Chair

Date: Jan 13, 2007