

IEEE Power Engineering Society Entity Annual Report 2005

Entity: Stationary Battery Committee
Chair: S. Norman

Significant Accomplishments in 2005 (Please explain why these are significant and include details and examples):

1. Creation of “new” **Recommended Practice for Stationary Battery Electrolyte Spill Containment and Management.**
2. Creation of “new” **Guide for Selection and Use of Battery Monitoring Equipment in Stationary Applications.**
3. Technical update to **Guide for batteries for Uninterruptible Power Supply Systems.**
4. Technical update to **Recommended Practice for Maintenance, Testing and Replacement of Valve Regulated Lead-Acid (VRLA) Batteries for Stationary Applications**
5. Affirmation of **Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications.**
6. Participation at GM2005 – **Emerging Energy Storage Technology Panel**

Benefits to Industry and PES Members from the 2005 Work (provide specific examples and explain what the benefits are):

1. Joint collaboration of IEEE and ASHRAE for **IEEE/ASHRAE 200 Guide for the Ventilation and Thermal Management of Stationary Battery Installations.**

Benefits to Volunteer Participants from the 2005 Work (provide specific examples and explain what the benefits are):

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

1. Outstanding Committee Service Award to Jim McDowall for chairing the StatBatt committee during the extended transition and developmental period.

Significant Plans for 2006:

New documents being sponsored by the committee:

1. **Recommended Practice for the Characterization and Evaluation of Emerging Battery Technologies in Stationary Applications**
2. **Application & Management of Stationary Batteries used in Cycling Service**
3. **Guide for Personnel Qualifications for Installation, Maintenance, and Operation of Stationary Batteries**

Problems and Concerns:

Submitted by: S.Norman-Chair

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