P1561

Submitter Email: msiira@comrent.com
Type of Project: Revision to IEEE Standard 1561-2007
PAR Request Date: 28-Jul-2017
PAR Approval Date: 28-Sep-2017
PAR Expiration Date: 31-Dec-2021
Status: PAR for a Revision to an existing IEEE Standard
Root Project: 1561-2007

1.1 Project Number: P1561
1.2 Type of Document: Guide
1.3 Life Cycle: Full Use

2.1 Title: Guide for Optimizing the Performance and Life of Lead-Acid Batteries in Remote Hybrid Power Systems
Changes in title: Guide for Optimizing the Performance and Life of Lead-Acid Batteries in Remote Hybrid Power Systems

Contact Information for Working Group Chair
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None

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None

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 02/2018
4.3 Projected Completion Date for Submittal to RevCom
Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 07/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 25
5.2 Scope: This guide provides rationale and guidance for operating lead-acid batteries in remote hybrid power systems, taking into consideration system loads and the capacities of the system's renewable-energy generator(s), dispatchable generator(s), and battery(s). It also provides guidance for selecting an appropriate lead-acid battery technology for various system operating strategies.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: Using the information provided in this guide, the performance and life of the lead-acid battery can be optimized for the particular operational strategy selected for the remote hybrid power system. The information provided is intended for use by remote hybrid system designers, system evaluators, owners and operators.

5.5 Need for the Project: This project is needed to update the current recommended practice to reflect improvements and changes in industry technology and processes. No changes will be made to the approved document prior to this ballot. The ballot process will stimulate coordination among stakeholder and comments will provide valuable feedback on the validity of these documents and identify gaps.

5.6 Stakeholders for the Standard: Stakeholders include: electric power system owners, planners, designers, and operators; electricity consumers; equipment manufacturers; system integrators; distributed energy resource personnel; energy efficiency and demand response personnel; energy project developers, and regulatory and government bodies.
Intellectual Property
6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No
7.2 Joint Development
   Is it the intent to develop this document jointly with another organization?: Yes
   Organization: IEEE PES Stationary Battery Committee (StaBatt)
   Technical Committee Name: Energy Storage and Stationary Battery (ESSB)
   Technical Committee Number: PE/ESSB
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8.1 Additional Explanatory Notes: This standard is in use and relevant today. The objective is to engage the Working Group members and IEEE PES ESSB members to review this standard and provide comments. No changes will be made to the approved document prior to this ballot. The ballot process will stimulate coordination among stakeholder and comments will provide valuable feedback on the validity of these documents and identify gaps.