Special Issue

Battery Energy Storage Systems (BESS) for Enhancing Renewables' Integration and Grid Support Applications

Message from the Guest Editors

This Special Issue is focused on recent progress and developments in large-scale and residential battery energy storage systems for renewables integration and grid support applications. Potential topics include but are not limited to the following:

- Field experiences from the operation of large-scale and residential BESS for various applications;
- New architectures of BESS;
- Smart methods of BESS optimal management and control;
- Emerging applications and business opportunities for BESS;
- Thermal management of BESS;
- Safety management, compliance with safety codes and standards;
- BESS diagnostics and prognostics.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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