Special Issue

Battery Energy Storage Applications in Smart Grid

Message from the Guest Editors

Battery energy storage is becoming a crucial component to advance renewable energy and energy efficiency technologies and to improve electric power systems economy and reliability. However, battery energy storage systems feature specific technology-driven characteristics when connected to the power grid. The high capital cost of this technology is an additional factor impacting its applications. The Special Issue on “Battery Energy Storage Applications in Smart Grid” investigates the applications of this timely and important technology for improving sustainability, reliability, and efficiency of next-generation power grids. This Special Issue is a continuation of the previous and successful Special Issues pertaining to energy storage.

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Message from the Editor-in-Chief

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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