Special Issue

Grid-Scale Energy Storage Management

Message from the Guest Editors

Energy storage system is a special technology that can provide fast response for power charging and discharging. The potential advantages of the BESS must be exploited in future power systems to facilate large-scale penetration of both centralized and distributed renewable generation. Utilizing grid-scale energy storage is attracting more research to address the problem of operating future grids with high renewables. Although the application of grid-scale BESS is considered as a promising future, some key issues, like frequency regulation mechnism, coordinated control of distributed energy storage, high-performance materials of energy storage, investment cost and etc. are not fully addressed. Prof. Z.Y. Dong

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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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