

Special Issue

Energy Storage Applications for Hybrid DC/AC Microgrids

Message from the Guest Editor

This Special Issue covers the vital use of energy storage systems in microgrids, focusing on the integration of energy storage systems using different power conversion strategies. There are open discussions regarding different interesting aspects: 1) central vs. distributed energy storage, 2) collaborative operation among the different energy storage systems and 3) integration with grid-operator control systems. This Special Issue will look for contributions in the following directions:

- Optimal sizing of hybrid energy storage systems in hybrid DC/AC grids.
- Collaborative control of energy storage systems in hybrid DC/AC grids.
- Design of control systems for enhanced transient and dynamic behavior in hybrid DC/AC grids.
- Design of alternative power converter topologies for hybrid energy storage systems.
- Impact of power converter in hybrid energy storage systems.

Prof. Dr. Pablo García Fernández

Guest Editor

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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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