Special Issue

Energy Storage System Integrated Renewable Energy for Buildings

Message from the Guest Editor

Building energy management has played an essential role in energy efficiency. The integration of energy storage systems (ESS) with renewable energy can increase operation flexibility, leading to the anticipation of higher profits without inconveniencing residents. This Special Issue covers planning- and operation-related topics for ESS-integrated renewable energy in buildings, including: - Optimal ESS and renewable energy planning for buildings; - Optimal ESS operation scheduling for buildings with renewable energy; - ESS operation-related infrastructure, including metering (AMI); - Performance analysis of RE-ESS in buildings; - Technoeconomic analysis of RE-ESS in buildings; - Business models and economic analysis; - Power systems related to RE-ESS in buildings; - Innovative pricing or tariffs to support RE-ESS-integrated buildings; - Mobile ESS services including EVs; - Fair RE and ESS sharing among building tenants.

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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