Special Issue

Digitization, Flexibility and Energy Storage in Power Generation Systems Employing Renewable Energy

Message from the Guest Editors

The benefits of digitization and flexibility outlined are making energy storage an increasingly attractive option for utilities and other energy providers. With continued advancements in technology, it is expected that energy storage will play an even more important role in future integrated energy grids, enabling more renewable sources of energy access to the grid and improving the efficiency of energy storage systems. Overall, the potential benefits of digitizing the energy system are highly significant. Digitization of the economy is leading to a more dynamic and interconnected world, where the traditional energy system is no longer adequate. A new energy storage system that is responsive to changes in demand and that can take advantage of renewable energy sources is required. Investigations focused on digitalization, renewable energies integration, flexibility and energy storage are welcome.

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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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