

Special Issue

Smart Energy Management for Microgrid and Photovoltaic Systems

Message from the Guest Editor

Microgrids deliver efficient, low-cost and clean energy while improving regional electric grids operation and stability. They further provide exceptional dynamic responsiveness for energy resources. A global portfolio of operations centred on the development and deployment of microgrids to increase grid dependability and resilience would therefore assist communities in better preparing for future weather catastrophes and keep the world moving toward a sustainable energy future. Solar photovoltaic systems are seen as a promising renewable resource, and their application in microgrids has grown rapidly in recent years. This Special Issue aims to present and disseminate the most recent developments in energy resources, monitoring, control, protection, operation, power converters, energy storage and the application of microgrids.

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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