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Microgrids 2020

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Message from the Guest Editor

Dear Colleagues,

Microgrids are small-scale energy grids that can operate independently or autonomously from the main energy grid. They can contain any form of generated energy, including electricity, heat, etc., for storage and consumption. This new energy paradigm is changing the way we conceive of electrical, thermal, gas, or water grids. This Special Issue includes, but is not limited, to the following topics:

- Small-scale renewable energies and storage for microgrids
- Micro combined heat and power (CHP) systems for microgrids
- Multiple microgrid clusters
- Microgrids and nanogrids for rural areas and in developing countries
- Microgrids for all/hybrid electrical ships and green ports
- Microgrids for electrical vehicle charging stations
- Microgrids space applications, including satellites and spacecraft
- Smart metering and power quality for microgrids
- The Internet of Things and energy internet for multiple microgrids
- Reviews on the state-of-the-art in the area of microgrids



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Special Issue



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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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