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Feature Papers in Smart Grids and Microgrids

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Message from the Collection Editors

Today, with growing concerns about the environmental effects of electricity generation, the concepts of microgrids and smart grids have received considerable attention in both the industrial and academic communities. Therefore, this Special Issue aims to cover most of the topics involved in the efficient and reliable operation of these systems, such as generation, transmission and distribution, energy storage and load management, smart operation and automated control, communication and cybersecurity, stability, reliability and resiliency, smart metering, monitoring and power quality, IoT integration, regulatory framework influence, and electric vehicle integration.

To deal with these challenges, this Special Issue is addressed to scholars with high academic influence, who are kindly invited to present new contributions, studies, and comments on recently published advances, and reviews in the area of smart grids and microgrids.



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Topical Collection



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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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