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Energy Conversion and Operation Technologies for Smart Grid

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Message from the Guest Editors

Dear Colleagues,

Smart grid technology enables the energy industry to transform into new reliability, availability, and efficiency. During the transition period, it will be critical to carry out testing, technology improvements, development of new standards and regulations, and information sharing between projects to ensure that the benefits we envision from the smart grid become a reality. The digitalization, decentralization, electrification, and renewable energy technologies of the smart grid have become challenging issues.

The Special Issue invites original research papers to address new applications of energy conversion technologies and operation algorithms for smart grid which enable it to be used for realistic and practical existing power industry applications. Additionally, the authors are encouraged to submit papers addressing the state-of-the-art and recent advancements in the areas, providing useful guidelines for future research directions.



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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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