Special Issue

Control of Renewable Power Generation and Microgrids—2nd Edition

Message from the Guest Editor

With growing global focus on reducing greenhouse gas emissions, renewable energy generation has become increasingly vital. Microgrids, developed over the past decades, can operate independently or connected to grids, ensuring reliable power supply during outages. While the technology has matured, ongoing developments in renewable power and microgrid control continue to enhance reliability and resilience. We're pleased to announce the reopening of Energies journal's (ISSN 1996-1073) Special Issue on "Control of Renewable Power Generation and Microgrids". This Special Issue is planned to cover the control of renewable power generation, AC, DC, and hybrid AC/DC microgrids under different situations for both islanded and grid-connected modes, and microgrid operation optimization to enhance reliability while maintaining power quality performance indicators. This Special Issue will include review articles, original papers, communication, perspectives, etc.

Guest Editor

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About the Journal

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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