

Special Issue

High Efficiency, Quality, and Stable Operation Technology for Flexible Distribution Networks

Message from the Guest Editors

This Special Issue aims to discuss and showcase the latest research progress in the operation control technologies for the efficient, high-quality, and highly stable operation of flexible distribution networks, providing references for relevant researchers.

- Efficient optimal dispatching of distribution networks.
- Power quality management of distribution networks.
- Emergency power support technologies of distribution networks.
- Planning and configuration technologies of distribution network.
- Topologies of flexible regulation equipment in distribution networks.
- Operation control of flexible regulation equipment.
- Reliability improvement of flexible regulation equipment.
- Stable control of grid-connected converters.
- Active support technologies for new energy sources.
- Interaction characteristics of grid-following/grid-forming converters.

Guest Editors

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Deadline for manuscript submissions

closed (5 May 2026)



Energies

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Impact Factor 3.2
CiteScore 8.3



mdpi.com/si/240682

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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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