

Special Issue

Advances in Power System Flexibility and Resilience

Message from the Guest Editors

This Special Issue aims to showcase and disseminate the latest advancements in power system flexibility and resilience. Reliable power systems that provide continuous and sufficient power supply are inherent to this discourse, but we aim to provide a redefined perspective, exploring avenues that enhance adaptability and recovery. Potential topics for publication include, but are not limited to:

- Advanced modeling and optimization techniques;
- Demand-side flexibility solutions;
- Electric vehicles and energy storage systems as contributors to flexibility and resilience;
- Analysis of energy policies shaping the power sector;
- Strategies for managing high levels of renewable energy integration;
- Market designs fostering power system flexibility and resilience;
- Development of metrics for quantifying flexibility and resilience;
- Optimal control techniques for dynamic power systems;
- Techniques for power system recovery and restoration.

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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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