

Special Issue

Advances in Power System and Green Energy

Message from the Guest Editors

We are pleased to cordially invite to contributions to the Special Issue, including submissions by the authors of accepted post-conference papers presented at the 2025 5th Power System and Green Energy Conference (PSGEC 2025). The Scientific Committee of the conference will select conference papers for this Special Issue, and we also welcome original research and review papers that are not from the conference but that cover the below topics.

- Smart grid architectures and grid digitalization;
- Renewable energy integration;
- Energy storage systems and grid-scale applications;
- Power system stability, reliability, and resilience;
- Fault diagnosis, protection, and system recovery;
- Microgrids, distributed energy resources, and off-grid systems;
- AI and machine learning for energy forecasting and optimization;
- Power electronics for green energy conversion;
- The electrification of transport and EV-grid interaction;
- Sustainable energy policy, markets, and economics;
- Green hydrogen production and utilization;
- Grid restoration technologies;
- Advanced grid protection and cybersecurity;
- IoT-enabled energy management and demand response;
- Lifecycle analysis of green energy systems.

Guest Editors

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Deadline for manuscript submissions

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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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