

Special Issue

Power System Operation and Control Technology

Message from the Guest Editor

This Special Issue invites original research papers, review articles, and case studies that encompass a broad range of topics related to power system operation and control technologies. Potential topics of interest include, but are not limited to, the following:

- The analysis of new power system operation characteristics.
- Research on power system load and generation power prediction.
- New energy power system scheduling strategies.
- Offshore wind power cluster operation and maintenance.
- Smart grid technology for data monitoring and automatic control.
- Digital twin technology for power system operation and control.
- Power system fault prediction and diagnosis based on big data technology.
- Power system planning and optimization analysis.
- Energy storage technology under new power systems.
- Energy storage planning and the operation control of new power systems.
- The assessment of power grid stability and reliability.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2025)



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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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