



Power System Operation and Control Technology

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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