

Special Issue

Trends and Challenges in Power System Stability and Control: 2nd Edition

Message from the Guest Editors

The application of intelligent technologies in power systems has become a trend. Technologies such as artificial intelligence and big data can be used for power system fault diagnosis, predictive maintenance, and optimal dispatching, improving system operation efficiency and stability. The development of smart grids and microgrids also provides new ideas for power system stability control, enhancing the flexibility and reliability of the system. This Special Issue aims to highlight the latest trends, research, and innovations in the field of power system analysis and control. Topics of interest for publication include, but are not limited to, the following:

- electricity market;
- market clearing;
- power system control;
- power system stability;
- power system operation;
- renewable energy resources;
- intelligent techniques;
- power system analysis;
- power system protection

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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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