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Analysis and Control of Power Systems and Microgrids

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Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the theory, modelling, design, application, and control of electric power systems and microgrids.

Topics of interest for publication include, but are not limited to:

- Sizing, siting, and planning of renewable energy-powered microgrids and electric power systems.
- Voltage and frequency analysis in weak grid conditions.
- Related controls of V2'X', where 'X' could be 'H' for vehicle-to-house, or vehicle-to-grid (V2G) control.
- Power to X concepts.
- Energy management systems and optimizations for multi-source microgrids.
- The impact of renewable energy resources on power system dynamics and stability.
- Electronics based-power systems.
- Electrical power system protection.



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Special Issue



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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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