Special Issue

Stability and Control of Power Grids Integrated with Renewable Energy Sources

Message from the Guest Editor

This Special Issue intends to describe and communicate the most recent achievements in the theory, design, modeling, stability, and control of power grids that incorporate renewable energy sources. Topics of interest for publication include, but are not limited to, the following:

- All aspects referring to the design, modelling, and use of renewable energy sources;
- Establishing intelligent power grid;
- Electricity flow control;
- Improving grid interconnection;
- Developing energy storage capacity;
- Stability and control of power grids;
- Power quality in power grids;
- Fault detection;
- On-grid and off-grid condition monitoring techniques;
- Optimal design methodologies;
- Advanced modelling approaches.

Guest Editor

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Deadline for manuscript submissions

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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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