Special Issue

Operation and Optimization of Renewable Energy Power System: 2nd Edition

Message from the Guest Editors

This Special Issue focuses on the future challenges in the operation of power systems, specifically on renewable energy sources and corresponding solutions in terms of the development of different optimization algorithms and technology innovations. Potential topics include the following:

- Optimal power flow algorithms;
- Renewable energy generation forecasting;
- Ancillary services from renewable energy sources;
- Energy storage systems' role in future power system operation;
- Demand response flexibility support;
- Optimal operation of decentralized power systems;
- Optimal grid expansion planning with FACTS devices and other technology innovations.

Guest Editors

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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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