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The Planning, Operation and Control of Renewable Energy Power Grid

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Deadline for manuscript submissions:

closed (30 August 2024)

Message from the Guest Editors

This Special Issue is seeking novel solutions and review papers with state-of-the-art findings and techniques that can deliver a significant contribution to the renewable energy power grid. The Special Issue is open to all contributions related to the renewable energy power grid; the potential focus areas include:

- Renewable power generation and integration;
- LCC and VSC - HVDC transmissions;
- Planning and operation of the bulk renewable power system;
- Planning and operation of the distributed renewable power and multi-energy system;
- Dynamic performance analysis and stability control of the renewable power system;
- Protection of the renewable power system as well as the VSC - HVDC grid;
- Market mechanism of the renewable power system;
- Intelligent algorithm application in the renewable power system.



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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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