Special Issue

Planning and Operation of Integrated Renewable Energy Distribution System

Message from the Guest Editors

The increasing penetration of intermittent and stochastic renewable energy brings great challenges for distribution networks. This Special Issue aims to present the most recent advances related to the current research and future development in integrated renewable energy distribution system: planning and operation. Topics of interest for publication include, but are not limited to:

- Form and development trend of future distribution system;
- Integrated renewable energy distribution system planning;
- Integrated renewable energy distribution system operation;
- Reliability and resilience assessment;
- Optimization;
- Digital twins;
- EV orderly charging and V2G;
- Load-demand response;
- Renewable energy consumption;
- DC distribution system technology;
- Power electronics applications

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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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