

Special Issue

Current Research and Future Development in Intelligent Power Distribution Systems: Planning, Operation and Control

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the current research and future development in intelligent power distribution systems: planning, operation and control. Topics of interest for publication include, but are not limited to:

- Intelligent power distribution system planning;
- Reliability and resilience assessment;
- Intelligent power distribution system operation optimization;
- Digital twins;
- EV orderly charging and V2G;
- Load demand response;
- Virtual power plant;
- Renewable energy consumption;
- Protection and control;
- DC distribution system technology;
- Power electronics applications.

Guest Editors

Dr. Wei Wei

School of Electrical and Information Engineering, Tianjin University,
Tianjin 300072, China

Dr. Kai Hou

School of Electrical and Information Engineering, Tianjin University,
Tianjin 300072, China

Deadline for manuscript submissions

closed (30 March 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/139025

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)