

Special Issue

Advances in Power Distribution Systems

Message from the Guest Editors

In order to demonstrate research progress and development trends in the distributed power field and share the latest academic achievements in theory, methods, technology, and application, this Special Issue, titled “New Power Distribution System Technology”, will be created and published in the *Energies* journal. Topics of interest for publication include, but are not limited to:

- Active power distribution network modeling and simulation;
- New topology of power distribution network;
- Fault protection and self-healing method;
- Broad-frequency oscillation suppression;
- Flexible interconnection technology;
- Stability control strategy;
- Optimize the scheduling technology;
- Distributed power generation and microgrid technology;
- The application of AI in the new power distribution system;
- Power quality analysis and control;
- New building energy system;
- Source charge interaction technology;
- Communication technology of distribution network

Guest Editors

Prof. Dr. Zhenghang Hao

Prof. Dr. Wei Sun

Dr. Wei Liu

Prof. Dr. Dazhong Ma

Deadline for manuscript submissions

closed (31 May 2025)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/216143

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)