



*energies*

an Open Access Journal by MDPI



## Development Trend Analysis of Power Distribution Systems

Guest Editors:

**Dr. Zhao Ma**

**Dr. Haoran Zhao**

**Dr. Yongliang Liang**

**Dr. Kaiqi Sun**

Deadline for manuscript  
submissions:

**closed (15 August 2023)**

### Message from the Guest Editors

This **Special Issue** aims to draw attention to research and review articles regarding the developmental trend analysis of power distribution systems, focusing on promoting theoretical and practical studies in the control and operation of power distribution systems and providing a convincing analysis of distribution system developments. The topics of interest include, but are not limited to, the following:

- 1) Low-voltage direct current supply and utilization system and MVDC application in power distribution systems;
- 2) The power quality analysis and model for power distribution systems;
- 3) Power electronic device applications in power distribution systems;
- 4) Active distribution systems and distributed energy resources;
- 5) Demand-side response in power distribution systems;
- 6) Renewable energies and energy storage coordination operation in power distribution systems;
- 7) Electric market optimization and models in power distribution systems;
- 8) The application of AI, machine learning, etc., in power distribution systems;
- 9) Prospect and analysis of power distribution system developments.



[mdpi.com/si/123775](https://mdpi.com/si/123775)

# Special Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## 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.

## 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 (*Engineering (miscellaneous)*)

## Contact Us

---

*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://x.com/energies_mdpi)