

Special Issue

Design for Distributed Energy Resources: Wind Energy, PV and EV Station

Message from the Guest Editors

This Special Issue aims to present and disseminate the latest developments related to the theory, design, modeling, application, control and condition monitoring of distributed energy resources and electric vehicle charging stations. Topics of interest for publication include, but are not limited to the following:

- All aspects of electric vehicle charging stations;
- Micro-grids;
- Renewable energy;
- Battery energy storage systems;
- Electric vehicles;
- Power conversion systems;
- Control systems;
- Advanced modeling approaches;
- Virtual Power Plants;
- Electric vehicles;
- Distribution networks.

Guest Editors

Dr. Dae-Jin Kim

Electric Power System Research Team, Korea Institute of Energy Research (KIER), 200 Haemajihaeon-ro, Gujwae-up, Jeju 63357, Republic of Korea

Prof. Dr. Hwa-Pyeong Park

Kumoh National Institute of Technology 61 Daehak-ro (Yangho-dong), Gumi, Gyeongbuk 39177, Republic of Korea

Deadline for manuscript submissions

5 May 2025



Energies

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.2



mdpi.com/si/202478

Energies

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 3.0
CiteScore 6.2



[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)