

Special Issue

Transmission and Distribution

Message from the Guest Editors

Transmission and distribution grids are in middle of an evolution that will change their structures and roles. The de-carbonization of the power system, the penetration of distributed energy resources, and the implementation of the smart grid are some of the aspects that will impact both transmission and distribution systems. Large blackouts, the foreseeable increasing number of electric vehicles, the connection of renewable energy generation and storage, or the proliferation of sensors and intelligent electronics devices are some of the main issues that have emerged in recent years and will change the landscape of the future power system. This issue is aimed at providing a vision of the present and future design, control, and performance of transmission and distribution grids.

Guest Editors

Prof. Juan A. Martinez-Velasco

Retired, Dept. of Electrical Engineering, Technical University of Catalonia, 08028 Barcelona, Spain

Prof. Dr. Ignacio J. Ramirez-Rosado

Dept. of Electrical Engineering, University of Zaragoza, 50018 Zaragoza, Spain

Deadline for manuscript submissions

closed (20 December 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/49221

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)