

Special Issue

Power Transmission and Distribution Equipment and Systems

Message from the Guest Editors

The main topics of interest for this [Special Issue](#) include but are not limited to:

- Impact of distributed generation of the capacity of distribution and transmission systems;
- Advancement in DC grid modeling, protection, control, and stability;
- AC/DC hybrid transmission systems;
- Issues of isolated microgrids;
- Impact of large-scale distributed electricity generation on hosting capacity;
- Current harmonic emission in the distribution network;
- Current and voltage harmonic interdependency;
- Current harmonic sensitivity;
- Impact of nonlinear loads on the current harmonic emission in the distribution network;
- High order (supraharmonics) emissions;
- Information and communication technology for smart grids.

Guest Editors

Dr. Muhammad Naveed Iqbal

Department of Power Engineering and Mechatronics, Tallinn University of Technology, 19086 Tallinn, Estonia

Dr. Bilal Asad

Department of Electrical Power Engineering and Mechatronics, Tallinn University of Technology, 12616 Tallinn, Estonia

Deadline for manuscript submissions

closed (25 April 2024)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 8.3



mdpi.com/si/97761

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 8.3



[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)