



energies



an Open Access Journal by MDPI

Microgrids: Operation, Control and Applications

Guest Editors:

Dr. Mohammad Taufiqul Arif

Prof. Dr. Md. Abdur Razzak

Dr. GM Shafiullah

Dr. Kannadasan Raju

Deadline for manuscript
submissions:

closed (10 October 2023)

Message from the Guest Editors

Dear Colleagues,

Microgrid is gaining greater acceptance due to its scope and ability to integrate various distributed energy resources (DER) such as solar PV, wind, storage, EV, H₂FC, and waste to energy (W2E) that can work independently to support local loads. Moreover, the application of microgrid is versatile and it supports meeting the United Nations Sustainable Development Goals (SDG) for energy access and emission reduction. However, the implementation is challenging due to the nature and characteristics of each DERs, therefore the appropriate design is highly desirable for the reliable, sustainable, and feasible operation of a microgrid.

Therefore, the main objective of this special issue is to highlight the recent challenges, development, and advancement in the growth of the modern power system. This will attract researchers to contribute to addressing the challenges and making energy accessible for all and making it reliable, affordable, and sustainable. This Special Issue will accept original and review research articles.



mdpi.com/si/166578

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

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