



energies



an Open Access Journal by MDPI

Microgrids: Planning, Protection and Control

Guest Editor:

Prof. Dr. Hossam A. Gabbar

Faculty of Energy Systems and
Nuclear Science, Ontario Tech
University, Oshawa, ON L1H 7K4,
Canada

Deadline for manuscript
submissions:

closed (20 December 2020)

Message from the Guest Editor

Dear Colleagues,

This Special Issue will include papers related to the planning, protection, and control of microgrids and their applications in industry, transportation, water, waste, and urban and residential infrastructures.

Authors are encouraged to present their latest research, or to review topics including methods, approaches, systems, and technology and its interface with other domains such as big data, cybersecurity, human-machine, sustainability, and smart cities. The planning side of microgrids might include technology selection, scheduling, interconnected microgrids, and their integration with regional energy infrastructures. The protection side of microgrids might include topics related to protection strategies, risk management, protection technologies, abnormal scenario assessment, equipment and system protection layers, fault diagnosis, validation and verification, and intelligent safety systems. The microgrid control side might include control strategies, intelligent control algorithms and systems, control architectures, technologies, embedded systems, monitoring, and deployment and implementation.



mdpi.com/si/35557

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)