



energies



an Open Access Journal by MDPI

Smart Distribution Grid Technologies and Applications

Guest Editors:

Dr. Anna Rita Di Fazio

Department of Electrical and
Information Engineering,
University of Cassino and
Southern Lazio, 03043 Cassino,
Italy

Dr. Giovanni M. Casolino

Department of Electrical and
Information Engineering,
University of Cassino and
Southern Lazio, 03043 Cassino,
Italy

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

Dear Colleagues,

Distribution grids are moving towards a renewed flexible architecture to improve energy efficiency and reliability while minimizing costs and environmental impact. The road to the change is not trivial and presents various challenges that have to be tackled. Distributed energy resources together with smart control and communication systems are the ways to face the new challenges, but new studies and methods are required for the validation of the proposed solutions.

This Special Issue aims to encourage both academic and industrial researchers to present their latest enhancements concerning all the technologies for smart distribution grids and their applications. Topics include but are not limited to the following:

- Demand response
- Demonstration or field application experiences
- Distributed energy resources for ancillary services
- Distributed generation
- Distributed monitoring for distribution grids
- Energy storage integration
- Management and control of smart distribution grids
- Microgrids
- Renewable energies
- Telecommunication systems for distribution grids



mdpi.com/si/43899

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)