

Special Issue

Microgrid Architectures— Connection and Management

Message from the Guest Editors

In the new energy scenario characterized by the high spread of distributed energy resources (DER), smart microgrids are seen as an effective solution to handle reliability and stability challenges of modern power systems. This is because these systems are equipped with an energy management system that is in charge of coordinating their internal DERs so as to provide energy with the required quality, security, and reliability levels, while enabling their participation into grid-support services. This requires the development of advanced control strategies. The aim of this Special Issue is to collect advanced research contributions that can help to identify suitable control solutions and to provide decision makers with necessary information for defining new incentive mechanisms for promoting microgrids participations in the services market.

Guest Editors

Dr. Alessia Cagnano

Department of Electrical and Information Engineering (DEI), Politecnico di Bari, Bari, Italy

Prof. Dr. Enrico Elio De Tuglie

Department of Electrical and Information Engineering (DEI), Politecnico di Bari, Bari, Italy

Deadline for manuscript submissions

closed (10 July 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/67846

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)