

## Special Issue

# Smart Microgrid Energy Management Solutions

### Message from the Guest Editor

This Special Issue invites novel high-quality research papers covering a wide range of topics related to the smart microgrid energy management solutions such as advanced energy management system modeling, design, implementation, cost-benefit analysis, optimal operation, troubleshooting, real-time solutions, advanced EMS solutions for hybrid AC/DC microgrids, innovative EMS design for remote microgrids, EMS integration with DMS, and other supervisory control and data acquisition systems, reliability assessment solutions, advanced EMS test procedures, and microgrid EMS cybersecurity.

- Smart Grids
- Microgrids
- Energy Management System
- Energy Optimization
- Electric Vehicle Infrastructure
- Advanced Metering Infrastructure
- Remote Microgrids
- Hybrid AC/DC Microgrids
- Renewable Resources
- Distributed Energy Resources

---

### Guest Editor

Dr. Moein Manbachi

Smart Microgrid Applied Research Team (SMART), Centre for Applied Research and Innovation of British Columbia Institute of Technology (BCIT), Vancouver, BC V5G 3H2, Canada

---

### Deadline for manuscript submissions

closed (30 November 2021)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/62883](https://mdpi.com/si/62883)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto: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)