

Special Issue

Stationary and Mobile Electric Energy Storage System as a Flexibility Option to Integrate Volatile Renewable Energy Sources

Message from the Guest Editor

The decarbonization of the power system will be one of the main global challenges in the coming years. Greater flexibility is needed to compensate the volatility of power generated by renewable energy sources. Electric energy storage systems (EESS), both stationary and mobile, and the active participation of power consumers might be one of the solutions to be considered for accelerating the decarbonization process. However, even if the EEES' technology maturity has improved and their investment costs are decreased, there are still barriers limiting their application. The Special Issue aims at encouraging researchers to share their experience on planning and operating electric energy storage system pointing out the developed solutions for overcoming the found barriers.

Guest Editor

Dr. Pio Lombardi

Fraunhofer Institute for Factory Operation and Automation, 39106
Magdeburg, Germany

Deadline for manuscript submissions

closed (31 July 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/34015

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)