## **Special Issue**

### Energy Storage System Integrated Renewable Energy for Buildings

### Message from the Guest Editor

Building energy management has played an essential role in energy efficiency. The integration of energy storage systems (ESS) with renewable energy can increase operation flexibility, leading to the anticipation of higher profits without inconveniencing residents. This Special Issue covers planning- and operation-related topics for ESS-integrated renewable energy in buildings. including: - Optimal ESS and renewable energy planning for buildings; - Optimal ESS operation scheduling for buildings with renewable energy; - ESS operationrelated infrastructure, including metering (AMI): -Performance analysis of RE-ESS in buildings; -Technoeconomic analysis of RE-ESS in buildings; -Business models and economic analysis; - Power systems related to RE-ESS in buildings; - Innovative pricing or tariffs to support RE-ESS-integrated buildings; Mobile ESS services including EVs; - Fair RE and ESS sharing among building tenants.

### Guest Editor

Dr. Sung-Yong Son Department of Electrical Engineering, College of IT Convergence, Global Campus, Gachon University, Seongnam-si 13120, Republic of Korea

### Deadline for manuscript submissions

closed (31 December 2021)



## Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



mdpi.com/si/68787

Energies Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 energies@mdpi.com

mdpi.com/journal/

energies





# Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



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)