Special Issue

Advances in Power System Flexibility and Resilience

Message from the Guest Editors

This Special Issue aims to showcase and disseminate the latest advancements in power system flexibility and resilience. Reliable power systems that provide continuous and sufficient power supply are inherent to this discourse, but we aim to provide a redefined perspective, exploring avenues that enhance adaptability and recovery. Potential topics for publication include, but are not limited to:

- Advanced modeling and optimization techniques;
- Demand-side flexibility solutions;
- Electric vehicles and energy storage systems as contributors to flexibility and resilience;
- Analysis of energy policies shaping the power sector;
- Strategies for managing high levels of renewable energy integration;
- Market designs fostering power system flexibility and resilience;
- Development of metrics for quantifying flexibility and resilience;
- Optimal control techniques for dynamic power systems;
- Techniques for power system recovery and restoration.

Dr. Changgi Min

Guest Editors

Dr. Changgi Min

Dr. Heejin Kim

Dr. Wookwon Kim

Deadline for manuscript submissions

closed (31 July 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.2

mdpi.com/si/194906

Energies
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 3.0
CiteScore 6.2

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 Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 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)