

Special Issue

Micro-grid Energy Management

Message from the Guest Editors

We are glad to share the great success of our Special Issue “[Energy Management in the Multi-Source Systems](#)”. We now seek to launch the second volume of this Special Issue “[Micro-Grid Energy Management](#)”.

This [Special Issue](#) focuses on recent developments and new trends in the design optimization and optimal energy management of micro-grid systems based on distributed power generation systems, transportation applications, and hydrogen production-based renewables energies. Papers may include, but are not limited to:

- diesel generator; energy management
- batteries; maximum Power Point Tracking (MPPT)
- micro-grid; photovoltaic (PV) panel
- ultracapacitors; wind turbine
- tidal turbine; power control
- power electronics converters
- fuel cell (FC); electrolyzer
- hybrid electric vehicles (HEVs)
- hydrogen production
- hydrogen electrolyzer system
- hydroelectric power plant

We also welcome papers that use other innovative techniques to address this issue. It is recommended to send a tentative title and a short summary of the manuscript to Energies Editor Ms. Freya Fan .

Guest Editors

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Deadline for manuscript submissions

closed (15 March 2025)



Energies

an Open Access Journal
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Impact Factor 3.2
CiteScore 8.3



mdpi.com/si/163593

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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.

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