Special Issue

Advancements in the Integrated Energy System and Its Policy

Message from the Guest Editor

The integrated energy system (IES) facilitates the full consumption of renewable energy and provides an important means of improving the overall energy utilization efficiency of user-side energy systems. However, it still faces numerous unresolved challenges in relation to the theoretical modeling, system optimization, engineering construction, and policy support of IESs. This Special Issue aims to present and disseminate advanced technologies and pilot studies based on IESs. It is also significant to suggest energy policies and evaluate the economic and environmental effect of IESs. We invite original high-quality submissions of research papers, case studies, and reviews across various topics related to energy engineering and its policies, including (but not limited to) the following:

- Renewable energy systems and technologies;
- Modeling, simulation, and optimization of energy systems;
- Planning and dispatching of micro-grids;
- Smart grids and energy management;
- Energy Storage and conversion systems;
- Energy policy, economics, and planning;
- Energy and environmental sustainability;
- Strategy and evaluation of electrification.

Guest Editor

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Deadline for manuscript submissions

closed (24 April 2026)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 8.3

mdpi.com/si/199558

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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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