

Special Issue

Technologies for Battery Energy Storage Systems

Message from the Guest Editor

Energy systems worldwide are currently undergoing an unprecedented transformation, with growing energy demand, climate change, and global commitments to decarbonization driving fundamental shifts in the way energy is generated, distributed, and consumed. These changes are further complicated by technological disruption, market volatility, and the need for resilient infrastructure in the face of environmental and operational stresses. Addressing such challenges requires interdisciplinary research that bridges science, engineering, economics, and policy to develop holistic solutions. This Special Issue is dedicated to advancing knowledge in these critical areas, while also fostering dialogue between academia, industry, and government. We particularly welcome contributions that examine renewable energy integration, energy efficiency strategies, and advanced storage and conversion technologies.

Guest Editor

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Deadline for manuscript submissions

closed (25 February 2026)



Energies

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Impact Factor 3.2
CiteScore 8.3



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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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