

Special Issue

The Future of Energy Systems: Integration of Energy Technologies in Distribution Grids

Message from the Guest Editor

As the energy industry continues to witness advancements in renewable distributed generation (DG), electric vehicles (EVs), energy storage systems, and capacitor banks, it becomes crucial to effectively manage their operational needs, technical characteristics, and economic considerations. Without careful integration and collaboration, we risk complications such as system overloading, equipment failure, voltage deviations, increased losses, and transient stability issues. Therefore, it is imperative that we address these challenges collaboratively to maximize the benefits of these technologies while minimizing their potential risks. I am therefore pleased to announce a Special Issue that aims to connect researchers from academia and industry, and compile studies that present innovative developments, challenges, and solutions in the field of energy technologies and their integration into electric grids. We invite you to contribute your expertise and insights to this important discussion.

Guest Editor

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Deadline for manuscript submissions

closed (10 February 2026)



Energies

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Impact Factor 3.2
CiteScore 7.3



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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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