

Special Issue

Transformation of Energy Markets: Description, Modeling of Functioning Mechanisms and Determining Development Trends—Fourth Edition

Message from the Guest Editor

This Special Issue examines the global energy transformation and evolving dynamics in energy markets, focusing on the rapidly expanding renewable sector and its growing interconnections with electricity and primary fuel markets. The renewable energy industry has become a major economic sector in terms of investment, GDP contribution, energy output, and R&D. Its development significantly influences global electricity and primary fuel markets, demanding fresh perspectives on market changes—particularly in pricing and institutional frameworks. Key questions include identifying future trends in energy markets and shaping effective energy policies and transitions at national and international levels. Topics of interest include:

- Energy transformation and markets;
- Markets for primary fuels, electricity, and renewables;
- Institutional determinants of energy market development;
- Current status and prospects of energy markets;
- Prosumers and the low-emission economy;
- Modeling energy market dependencies;
- Price forecasting in energy markets.

Guest Editor

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Deadline for manuscript submissions

20 February 2026



Energies

an Open Access Journal
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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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