

Special Issue

Assessment of Energy and Electricity Market: Trends and Future Perspectives

Message from the Guest Editor

This Special Issue is motivated by the growing need for an understanding of the market dynamics driving current transformations, future trends and perspectives. As traditional fossil fuel-based systems are increasingly being complemented—or even replaced—by renewable energy sources, the energy sector faces unprecedented challenges and opportunities. This Special Issue aims to bring together diverse perspectives on the assessment of energy and electricity markets, highlighting the interactions between technological advancements, regulatory and legal reforms, and market restructuring. The main topics to be covered are the latest trends in energy markets, including the integration of renewable energy sources, the development of smart grids, market deregulation, policy frameworks, demand-response strategies, and the economic impacts of geopolitical uncertainties. The issue seeks submissions that contribute rigorous analytical insights, innovative methodologies and empirical research addressing these emerging trends. Submissions fitting the scope include original research articles that explore both theoretical and practical aspects of energy market transformations.

Guest Editor

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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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