energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.2

CITESCORE 8.3

New Approaches and Valuation in Electricity Markets

Guest Editors:

Dr. Marina Bertolini
Department of Statistical Sciences, University of Padova, 35121 Padova, Italy

Dr. Massimiliano Coppo
Department of Industrial Engineering, University of Padova, 35131 Padova, Italy

Deadline for manuscript submissions:
closed (10 April 2025)

Message from the Guest Editors

Energy transition requires structural changes in the energy markets and in the electrical systems, to include more players and increase the penetration of renewable energy sources, increasing efficiency and keep system security.

Electricity markets see the presence of several agents whose roles must be redesigned considering market forces. DSOs are managing grids where multiple agents produce and consume energy; small and medium agents shall participate to the market and new agents can decide to invest in production or in aggregation. Among market agents, energy communities are associations of prosumers for a more inclusive energy market. To fully exploit the potential of such actors from both technical and economic standpoints, market and management frameworks should address their inclusion within the power system with clear rules and procedures.

Policy targets need evaluation tools, test models, and operational guidelines that ensure that objectives are achieved efficiently and fairly.

energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.2

CITESCORE 8.3

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
𝕏@energies_mdpi