Special Issue

Wind/PV/Hydrogen Integrated Energy System for a Clean Future

Message from the Guest Editors

There is an urgent need to study the mechanism, planning and design, optimized operation, development mode and carbon emission reduction of integrated energy systems coupled with renewable energy generation and hydrogen energy, in order to promote their further development and help realize a clean future. This field will integrate the knowledge and methodology from energy science, power electronics, management science and economics. We welcome full-length articles and review articles on topics including, but not limited to, the following:

- Realization mechanism of multi-energy complementarity;
- Techno-economic analysis of green energy systems;
- Planning and design of integrated energy systems;
- Capacity configuration and operation optimization;
- Application of big data and artificial intelligence;
- Interest sharing of integrated energy systems;
- Hydrogen generation from renewable energy;
- Carbon reduction assessment;
- Development mode of integrated energy systems;
- Energy and digital economy;
- Energy policy and incentive strategy.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2023)

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About the Journal

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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