Special Issue

Integration of Renewables in Power Systems by Multi-Energy System Interaction

Message from the Guest Editors

This Special Issue will focus on the interaction between different energy vectors that is between electrical, thermal, gas, and transportation systems, with the purpose of optimizing the future energy system. We welcome contributions on multienergy systems to explore the different possibilities for the future smart energy system with a huge interaction among the different energy systems. The topics of interest include, but are not limited to:

- Modeling, optimization, and analysis of multienergy systems;
- Planning, operation, and control;
- Interaction and coupling between different energy supply systems and networks;
- Flexible demand and energy storages;
- Energy efficiency and management;
- Reliability and security of multienergy systems;
- Cyberphysical systems, information and communication infrastructure, and data analytics;
- Market, social, regulatory frameworks and policies for multienergy systems.

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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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