

Special Issue

Distributed Energy Systems: Progress, Challenges, and Prospects

Message from the Guest Editors

In particular, distributed energy systems have gained increasing attention as an essential approach for integrating renewable energy, enhancing energy resilience, and promoting local sustainability. This Special Issue aims to present and disseminate the latest progress, challenges, and prospects of distributed energy systems. Submissions are encouraged on novel analytical and evaluation methods, design approaches, and operational strategies for distributed energy systems, as well as on theories, modelling techniques, and control methods. Topics of interest for publication include, but are not limited to, the following: Energy system analysis, energy system design, equipment planning, system operation scheduling, and energy management for distributed energy systems. Development and performance evaluation of novel facilities, equipment, and elemental technologies for distributed energy systems. The targeted distributed energy systems encompass a wide range of scales, including residential homes, apartment complexes, factories, office buildings, public facilities, and communities.

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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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