Special Issue

Renewable Based Energy Distributed Generation

Message from the Guest Editors

In this Special Issue, we encourage the submission of original contributions that cover the emerging challenges in renewable-based energy distributed generation technologies in modern power systems. It will be our pleasure to provide a platform to bring together university scientists, researchers, and leading researchers to share their thoughts, ideas, experiences, and research results on all aspects of the renewable-based energy-distributed generation of modern electrical systems and smart networks. This includes problem descriptions, the application of new optimization methodologies in power system planning, resource management, microgrid performance enhancement, uncertainty/sensitivity calculations, case studies, and applications. Keywords:

- power system planning
- renewable energy integration
- micro- and nanogrids
- resource management
- reliability
- uncertainty
- optimization
- decision making
- distributed generation
- electricity markets
- energy storage
- power quality
- electric vehicles
- future trends
- case studies

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Deadline for manuscript submissions

closed (31 May 2023)

Energies

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Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/97199

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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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