

Special Issue

Advances in Active Distribution Networks with Multi-Type Renewable Energy and Load Integration

Message from the Guest Editors

This Special Issue aims to draw attention to research and review articles on the existing distribution networks. The focus will be on promoting theoretical and practical studies in the control and operation of the distribution network to help the application of advancing technologies and their related theory in the distribution networks with multi-type renewable energy and load integration. The topics of interest include, but are not limited to, the following:

- Flexible operation of hybrid AC/DC active distribution networks.
- Intelligent control for reliable operation of active distribution networks.
- Theory and method of a coordinated operation in active distribution networks with high-proportional renewable energies, flexible loads, and energy storage.
- Measurement and data-driven approaches to improve the operation quality of active distribution networks.
- Cyber security of the active distribution network.
- Situational awareness of active distribution network.
- Renewable energies planning and coordination operation in active distribution networks.

Guest Editors

Dr. Wei Qiu
Dr. Kaiqi Sun
Dr. Jie Liu

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

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

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