Special Issue

Novel Developments in Distribution Systems and Microgrids

Message from the Guest Editors

Distribution systems and microgrid techniques can effectively improve the controllability and flexibility of high-density distributed power grid-connected operations, as well as improve power quality and power supply stability. Therefore, the development of microgrid and distribution system techniques has become a hot research direction in the energy field. This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modeling, application, control, and condition monitoring of microgrid and distribution system techniques. Topics of interest for publication include but are not limited to:

- Microgrid systems with new energy;
- Dynamic economic emission dispatch;
- Combined cooling, heating, and power systems;
- Microgrids system operation optimization;
- Operation strategy performance assessment;
- Multi-objective optimization of distribution systems and microgrids;
- Prediction of new energy power generation.

Guest Editors

Prof. Dr. Lingling Li

College of Electronic Engineering, Hebei University of Technology, Tianjin 300130, China

Dr. Zhifeng Liu

College of Electronic Information and Automation, Tianjin University of Science and Technology, Tianjin 300457, China

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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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