Special Issue

Advances in Operation, Optimization and Control of Modern Distribution Network

Message from the Guest Editors

With the emergence of distributed resources, power electronic equipment and the development of computer and information technology, the operation, optimization and control of modern distribution networks present many new characteristics, which may be active, intelligent or even modular. New power electronic equipment and distributed resources with high permeability have substantially changed the structural characteristics and physical characteristics of distribution networks. This Special Issue aims to introduce and disseminate the latest progress in the structure, operation, monitoring, optimization, planning, modeling and control of modern distribution networks. Topics of interest for publication include, but are not limited to:

- Structural optimization of active distribution network;
- Power electronic transformer (PET), flexible loop closing device, flexible reactive power compensation device and their application in distribution networks;

Guest Editors

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Prof. Dr. Bing Wang

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Deadline for manuscript submissions

closed (14 May 2024)

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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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