Special Issue

Advances in Urban Power Distribution System—2nd Edition

Message from the Guest Editors

This Special Issue aims to draw attention to research and review articles on the existing urban power distribution systems. The focus will be on promoting theoretical and practical studies on the control and operation of the urban power distribution system to help the application of advancing technologies and their related theory in urban power distribution systems. The topics of interest include, but are not limited to, the following:

- Flexible operation of hybrid AC/DC urban power distribution systems.
- Intelligent control for the reliable operation of inflexible urban power distribution systems.
- Theory and method of coordinated operation of urban power distribution systems with high proportional renewable energies, flexible loads, and energy storage.
- Measurement- and data-driven approaches to improve the operation quality of urban power distribution systems.
- The application of medium- and low-voltage-level DC technology in urban power distribution systems.
- Coordination of renewable energy operation in urban power distribution systems.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2025)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/214054

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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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