

Special Issue

Advanced Control, Operation and Energy Management of Distribution Networks and Smart Grids: 2nd Edition

Message from the Guest Editors

We are pleased to share the success of our Special Issue "Advanced Control, Operation and Energy Management of Distribution Networks and Smart Grids" https://www.mdpi.com/journal/energies/special_issues/Q2RQJH3B9V. We are now preparing to launch the second volume of this Special Issue and are pleased to invite you to submit papers to the Special Issue devoted to "Advanced Control, Operation and Energy Management of Distribution Networks and Smart Grids: 2nd Edition". Topics of interest for publication include, but are not limited to:

- Integration of renewable energy sources;
- Energy storage systems for grids;
- Energy management strategies;
- Energy supply reliability;
- Island microgrids;
- Smart grids and microgrids;
- Anti-island control strategies for distribution grids;
- Cascading failure of components in smart grids;
- Fault location in distribution networks;
- Fault management in grids;
- Power system planning and energy management;
- Novel optimization techniques for power system operations;
- Smart energy production and distribution;
- Reliability of power distribution networks.

Guest Editors

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Deadline for manuscript submissions

24 October 2025



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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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