

Special Issue

Microgrid and Smart Grid: Latest Advances and Prospects

Message from the Guest Editors

We are inviting submissions to the Special Issue on “Microgrid and Smart Grid: Latest Advances and Prospects”. In this Special Issue, regarding the topics of “Microgrids and Smart Grids”, submissions about cutting-edge theoretical and experimental studies, as well as recent advances detailed in comprehensive reviews, are welcome.

Keywords

- microgrid
- smart grid
- hierarchical control
- droop control (grid-forming converter)
- model predictive control
- cyber-physical system
- artificial intelligence algorithms
- economic optimization
- heterogeneous renewable energy generations
- fault ride-through operations
- centralized/distributed energy storage systems
- opportunity charging of EVs
- solid-state transformers
- stability analysis

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Deadline for manuscript submissions

closed (30 April 2024)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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