Special Issue

Advances in Operation, Optimization, and Control of Smart Grids

Message from the Guest Editors

The expansion and advancements of smart grids occur largely due to the benefits they can provide for the operation, optimization and control of large power systems. The integration of renewable energy sources, the need for resource optimization and the uncertainties in the operation of smart grids enhance the motivation and need for the development of tools capable of benefiting the proper operation of smart grids. In this context, this Special Issue aims to present and disseminate the most recent advances related to techniques for the operation, optimization, and control of smart grids. Topics of interest for this Special Issue include, but are not limited to, the following:

- Methods for improving smart grid operation;
- Power system optimization;
- Control techniques for improving the dynamic performance of smart grids;
- Applications of artificial intelligence and machine learning in the operation, optimization and control of smart grids.

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Deadline for manuscript submissions

closed (31 January 2025)

Electricity

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Impact Factor 1.8
CiteScore 5.1

mdpi.com/si/188120

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Message from the Editor-in-Chief

Editor-in-Chief

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