



Advanced Optimization Algorithms for High Penetration of Renewable Energy Sources

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Message from the Guest Editors

In this context, this special issue aims to focus on the development of optimisation algorithms and problem formulations to facilitate the high penetration of renewable energy sources, such as solar PV panels, wind power generation, hydropower and biomass energy.

Topics of interest include but not limited to:

- optimal sizing of energy storage systems
- scheduling resources
- real-time energy management
- demand-side management
- EV planning and scheduling
- stochastic optimisation algorithms
- meta-heuristic optimisation algorithms
- optimal power flow problems
- multi-objective optimisation algorithms
- energy storage systems
- microgrids
- smart cities
- optimisation problems
- real-time electricity prices.





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Message from the Editor-in-Chief

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