



Smart Electricity Grid and Sustainable Power Systems

Guest Editor:

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Deadline for manuscript
submissions:

15 January 2025

Message from the Guest Editor

Dear Colleagues,

Power grids are evolving into smart grids with complicated integrations of sustainable energy sources, networks, loads, and storage towards a decarbonized future of human beings. To realize the goal of 'double carbon', the mass access of sustainable energy becomes another significant feature of smart grids. A smart grid with a high penetration of sustainable energy is highly complex with multiple dynamic modes, which brings technical challenges to the operation of such a system. The development and construction of smart grids that integrate sustainable energy urgently require further theoretical innovation, key technological breakthroughs, and engineering practice in planning, operation, and security technology.

To promote theoretical and practical study in the sustainable management of smart grids, the editorial board of Sustainability invites potential authors to submit articles for review and publication in this Special Issue of Sustainability on Smart Electricity Grid and Sustainable Power Systems.

In this Special Issue, original research articles and reviews are welcome. We look forward to receiving your contributions.





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Message from the Editor-in-Chief

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