

Special Issue

Smart Grid and Energy Storage: Enabling Sustainable Electric Systems

Message from the Guest Editor

This Special Issue, "Smart Grids and Energy Storage: Enabling Sustainable Electric Systems", focuses on the integration of smart grid technologies and energy storage solutions as pivotal components in the modernization of electric power systems. The collection of articles within this issue present cutting-edge research, innovative case studies, and comprehensive reviews that explore the advancements and applications of smart grid management and energy storage technologies. We would like to invite you to submit your contributions to this Special Issue. Areas of interest include (but are not limited to) the following topics:

- Clean energy source technologies;
- The management of pumping energy transfer station storage solutions;
- Novel energy storage technologies;
- Distributed storage systems;
- The fault detection and diagnosis of energy systems;
- AI in new trends of energy control and management;
- IoE (Internet of Everything) in new smart grid applications;
- Renewable energy integration;
- Energy management systems.

Guest Editor

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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