

Special Issue

Sustainable Research on Grid Integration and Electrical Power Systems

Message from the Guest Editor

The ongoing global energy transition and the increasing integration of renewable energy sources have brought about transformative changes in modern electrical power systems. Modern power systems are undergoing an unprecedented transformation due to the rapid integration of renewable energy sources, advancements in smart grid technologies, and the growing demand for resilient and sustainable electricity infrastructure. As power grids evolve toward greater intelligence, flexibility, and efficiency, they are facing new challenges and opportunities in areas such as grid integration, system stability, reliability, and advanced control. This Special Issue, "*Sustainable Research on Grid Integration and Electrical Power Systems*", will provide a platform for researchers, engineers, and industry practitioners to share their latest findings, technological innovations, and practical experiences in this field. We welcome high-quality original research articles, comprehensive reviews, and case studies that address theoretical, computational, and applied aspects of electrical power systems and their integration into modern energy solutions.

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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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