Special Issue

Electromagnetic Transients in Large-Scale Renewable Energy System: Model, Method, Simulation, Measurement and Suppressing Techniques

Message from the Guest Editor

This Special Issue provides an opportunity for researchers to share their latest discoveries and best practices in this field. The aim is to present selected contributions on advances in modeling, simulation, measurement, and suppressing techniques for electromagnetic transients in the system. Potential topics include but are not limited to: • Wind power and photovoltaic systems;
• Modeling of power converters and associated equipment;
• Lightning surge and protection;
• Switching transient and mitigation;
• Fault transient and location;
• High-frequency transient mechanism;
• Novel suppressing techniques for transients in renewable energy systems;
• Smart sensors for electromagnetic transient measurement;
• Numerical simulation of electromagnetic transients in renewable energy systems;
• Transient in energy storage systems.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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