Special Issue

Large-Scale Integration of Renewable Energy in Electric Systems

Message from the Guest Editors

The overall focus of this Special Issue is to explore the topic of the "Large-Scale Integration of Renewable Energy in Electric Systems" within the context of the CYTED project—RIBIERSE. The scope of this Special Issue includes, but is not limited to, the following topics:

- Spatiotemporal macro/micro-simulation methodologies to evaluate the potential for electric generation with renewable sources.
- Technical challenges and solutions for integrating large amounts of renewable energy into electric grids.
- Economic implications and cost-effectiveness of renewable energy integration.
- Policy frameworks, regulations, and incentives that promote the large-scale integration of renewable energy.
- Grid stability, reliability, and resilience in the presence of high penetrations of renewable energy sources.
- Energy storage and electric vehicle technologies and their role in facilitating the integration of renewable energy.
- Training of technicians from municipal entities and local companies in decision-making on the development of electrical systems.

Guest Editors

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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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