Special Issue

Power Electronics Applications in Renewable Energy Systems

Message from the Guest Editor

The Special Issue of *Energies*, "Power electronics applications in renewable energy systems", is intended to publish novel promising methods and techniques to maintain the stable operation of power grids with power electronic-based renewable resources. Prospective authors are invited to submit original contributions for publication in this Special Issue. Topics of interest include, but are not limited to:

- Modeling of large scale PV and wind farms;
- Control design of renewable energy resources in grid operation;
- Application of power electronics-based storage devices for renewable energy resources;
- Grid inertia responses with renewable energy;
- Grid planning with large-scale renewable energy resources;
- HVDC applications for renewable energy resource integration;
- Voltage and frequency control of grids with a high penetration of renewable generation systems.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2019)

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About the Journal

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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