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Power System Planning and Quality Control

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Message from the Guest Editors

Dear Colleagues,

The continued growth of renewable energies and their integration to the power grids, especially through distributed integration, has increased the importance of electrical power control and management. In addition, the increasing applications of the recent technology of LEDs and resultant power electronics have impacted power quality as well. As such, power quality analysis has an important role to play not just in power management but also in the final electrical power quality delivered to customers. This Special Issue invites researchers in the related submit their quality research works for publication. The Special Issue fields but is not limited the following topics:

- Renewable energy management;
- Distributed power generation;
- Power system control;
- Power system generation planning;
- Power system transmission planning;
- Optimized power systems;
- Optimization of the power system planning;
- Electrical power quality measurement;
- Power systems harmonics and inter-harmonics measurement;
- Power system sub-harmonics measurement;
- Supra-harmonics interference to electrical power.



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Special Issue



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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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