

Special Issue

Power Quality in Smart Grids: Advanced Technology for System Regulation and Analysis

Message from the Guest Editors

Special Issue "Power Quality in Smart Grids: Advanced Technology for System Regulation and Analysis" aims at presenting important results of work related to power quality in the smart grid, microgrid, renewable energy, power electronics, and control techniques, modernization of power system, energy storage, and their various applications. Prospective authors are invited to submit original papers to this Special Issue. The topics of interest for publication include but are not limited to

- Analysis and Modeling (Networks, Devices, Loads, etc.) of Power Grid;
- Measuring and Monitoring Techniques;
- Sources of Disturbances (Converters, Traction Systems, Network Harmonics, etc.);
- Power Conditioning (Active and Passive Filters, Var Compensation, UPS, Surge Protection Devices, Phase Balancing, etc.);
- Standards and Recommended Practices;
- Diagnostic Systems and Expert System Applications;
- Power Quality in Distribution System;
- Power Quality, Economics, and Liability;
- Impact of Distributed Generation on Power Quality.

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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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