

Special Issue

Power Quality of Renewable Energy Source Systems

Message from the Guest Editors

The power quality delivered by the distribution companies to consumers has always been a relevant issue, especially to industrial consumers where power quality is directly related to productivity. However, until a few years ago, power quality was mostly synonymous with continuity of service, the main concern was minimization of power interruptions. Since last decade of the twentieth century, the power quality has become a strategic issue for all sectors involved in this market, from distribution companies to consumers, with a particular emphasis on industrial consumers as well as equipment manufacturers. The concept of power quality involves a wide range of electromagnetic phenomena that can occur in the power grid. Such changes may occur in different parts of the electrical power system, at customer facilities or in the distribution network. In recent years the electric power market has undergone huge transformations, electricity production has become decentralized and consumers (who can now also be producers) have the opportunity to choose their supplier...

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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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