

Special Issue

Power Quality in Liberalized Markets

Message from the Guest Editors

Modern electrical networks are characterized by the need for flexible, accessible, reliable, and high-quality power supply. This need introduces the Smart Grid (SG) paradigm as a way to optimally operate power systems using information and communication technologies, controllable end-user devices, renewable energies, and storage technologies. This Special Issue gathers contributions addressing the development of advanced methods for PQ analysis of SGs. This includes the statistical characterization of PQ disturbances and the development of methods for assessment of PQ disturbances in SG. The proposals may also concern the definition of new PQ indices, also aimed to assess responsibility between customer and utility.

Contributions on economic aspects of PQ disturbances are encouraged, too. Review papers will also be taken into consideration for publication. Papers on research projects involving cooperation among researchers from academia, system operators, and industry will also be welcome to foster interactions among stakeholders.

Prof.

Guest Editors

Prof. Dr. Paola Verde

Dr. Antonio Bracale

Prof. Dr. Pierluigi Caramia

Deadline for manuscript submissions

closed (25 June 2021)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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