



an Open Access Journal by MDPI

Power System Planning and Quality Control

Guest Editors:

Message from the Guest Editors

Prof. Dr. Tomonobu Senjyu

Department of Electrical and Electronics Engineering, University of the Ryukyus, Nishihara, Okinawa 903-0213, Japan

Dr. Mahdi Khosravy

Media Integrated Laboratory, Osaka University, Osaka, Japan

Deadline for manuscript submissions: closed (31 December 2021)



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.







an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Engineering (miscellaneous))

Contact Us

Energies Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/energies energies@mdpi.com X@energies_mdpi