



Impact of Interconnected PV Systems on Power Quality of Distribution Networks

Guest Editors:

Prof. Dr. Sonia Ferreira Pinto

Dr. Cedric Caruana

Dr. Grazia Barchi

Dr. John Licari

Dr. Jonathan Leloux

Deadline for manuscript
submissions:

closed (30 April 2021)

Message from the Guest Editors

Dear Colleagues,

The number of interconnected PV systems on the grid has been growing steadily in recent years. The contribution to low carbon electricity generation is desirable; however, the influx necessitates determination of its impact on the power quality of distribution networks. Issues such as voltage profile variation and harmonic distortion have been identified. A further understanding of potential issues and the influence on the network power quality is thus necessary.

This Special Issue welcomes original theoretical and practical contributions along with review papers on various aspects of power quality related to grid-connected PV systems.

Prof. Dr. Sonia Ferreira Pinto

Dr. Cedric Caruana

Dr. Grazia Barchi

Dr. John Licari

Dr. Jonathan Leloux

Guest Editors





energies



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 (Control and Optimization)

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](https://twitter.com/energies_mdpi)