Special Issue

Integration of PV in Distribution Networks

Message from the Guest Editors

We invite you to submit your original research or overview papers to this Special Issue on the "Integration of PV in Distribution Networks", in *Energies*. In this Special Issue we welcome contributions within the general area of PV grid integration, especially for low voltage distribution systems and issues related to high PV penetration. Topics include, but are not limited to:

- Grid current harmonics, interhamonics, and their mitigation
- Grid voltage fluctuations due to fast irradiance variations (e.g., passing clouds)
- Operation of large number of paralleled PV inverters: resonance, harmonics, active anti-islanding, operation under grid faults.
- Advanced control strategies for higher PV penetration, grid voltage support via reactive power, frequency support, active power control
- Coordinated control of PV inverters to, e.g., allow higher penetration

Assoc. Prof. Dr. Tamas Kerekes

Guest Editors

Dr. Dezso Sera

Department of Energy Technology, Aalborg University, DK-9220 Aalborg, Denmark

Prof. Dr. Tamás Kerekes

Department of Energy Technology, Aalborg University, Pontoppidanstræde 111, 9220 Aalborg-East, Denmark

Deadline for manuscript submissions

closed (31 August 2019)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/16589

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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)