



an Open Access Journal by MDPI

Advances in Dynamic Voltage Restorers

Guest Editors:

Prof. Marcelo Cabral Cavalcanti

Department of Electrical Engineering, Federal University of Pernambuco, Recife 50.740-550, PE, Brazil

Prof. Leonardo Rodrigues Limongi

Department of Electrical Engineering, Federal University of Pernambuco, Recife 50.740-550, PE, Brazil

Prof. Gustavo Medeiros de Souza Azevedo

Power Electronics and Drives Research Group (GEPAE), DEE, Universidade Federal de Pernambuco, Recife 50740-530, Brazil

Deadline for manuscript submissions: closed (20 April 2022)



Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Energies* intends to collect and disseminate the latest research and developments related to "Advances in Dynamic Voltage Restorers." The topics of interest include, but are not limited to:

- active power conditioners (dynamic voltage restorers (DVR), unified power quality conditioners (UPQC), active power filters, hybrid filters)
- control techniques for the improvement of active power conditioners (power theories, signal processing techniques)
- advanced active power conditioners monitoring (smart meters, phasor measurement unit, signal processing technics, event classification)
- Topologies and power devices for series compensation
- Fault tolerance in series compensation devices
- Energy storage systems and other methods to improve the compensation time

Prof. Marcelo Cabral Cavalcanti Prof. Leonardo Rodrigues Limongi Prof. Gustavo Medeiros de Souza Azevedo *Guest Editors*



mdpi.com/si/86501





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, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/energies energies@mdpi.com X@energies_mdpi