

Special Issue

Recent Trends on Grid-tied Multilevel Inverters for Renewable Energy Systems

Message from the Guest Editors

This Special Issue is intended to motivate further research and the development of multilevel inverters, refreshing the state of the art, pointing out the benefits, and investigating novel modulation schemes for grid-connected renewable energy applications. The topics of interest for publication include but are not limited to:

- Multilevel inverters for renewable energy applications (photovoltaic, wind energy, and fuel-cells).
- Multilevel converters for high-power electric vehicle battery chargers.
- Fault-tolerant multilevel converters.
- Multilevel inverter (MLI) with reduced devices, for low/medium- and high-voltage application.
- Advanced pulse width modulation techniques for MLI.
- Developing MLI topology with self-balancing capability.
- Control of a grid-tied multilevel inverter interfacing.

Guest Editors

Dr. Prabaharan Nataraj

Department of EEE, School of Electrical & Electronics Engineering, SASTRA Deemed University, Thanjavur 613401, India

Dr. Mohamed Salem

School of Electrical and Electronic Engineering, Universiti Sains Malaysia, Nibong Tebal 14300, Penang, Malaysia

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

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