Special Issue

High Gain and High Efficiency DC-DC and DC-AC Converters for Interfacing of PV Systems and Fuel Cells with Utility Grid

Message from the Guest Editors

We are inviting submissions for a Special Issue of Energies on the subject area of "High gain and high efficiency DC-DC and DC-AC converters for interfacing of PV systems and fuel cells with utility grid". Photovoltaic (PV) and fuel cell (FC) generation systems have been competitive in power generation as an alternative to fossil energy resources over the past decades. The installation of grid-connected PV systems grows rapidly and this growth rate is expected to continue which is connected with the fast development of the power electronics technology. From the other hand clean and efficient fuel cell power systems have shown great potentials as an alternative power supply technology for distributed energy resources, i.e. serving as backup power systems for grid services. This Special Issue will focus on DC-DC and DC-AC converters for interfacing of PV systems and fuel cells with utility grid.

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Deadline for manuscript submissions

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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.

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