



## Multilevel Converters for Large-Scale Photovoltaic and Energy Storage Systems

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

The Guest Editor is inviting submissions for a Special Issue of *Energies* on the subject area of “Multilevel Converters for Large-scale Photovoltaic and Energy Storage Systems”.

Given the increasing levels of photovoltaic penetration around the world, a large and effective grid-transformation process will require the advancement of the power electronic interface in large-scale photovoltaic and energy storage systems. Therefore, this Special Issue will focus on emerging power electronic technologies and applications in this area. Topics of interest for publication include but are not limited to:

- Novel multilevel circuit topologies;
- Power electronic modulation, control and optimisation;
- Power electronic grid support capabilities;
- Active submodule power balancing strategies;
- Common mode voltage/current utilisation in multilevel inverters;
- Fault-tolerant and reliable multilevel converters;
- Voltage source and current source converters;
- The role, design and optimisation of dc–dc conversion stages.



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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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