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DC/DC Converters Optimized for Energy Storage in Smart Grids

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Message from the Guest Editors

During the last decade, smart grids have improved security defense capabilities, flexibility, and compatibility through intelligent means in order to strengthen the development, transmission, and consumption of clean energy, as well as to counter the increasingly frequent natural disasters and external interference. Energy storage technology is a crucial component of this process.

This Special Issue aims to enhance energy storage utilization in and the fault-crossing capability of smart grids by optimizing DC/DC converters, which are important components of energy storage technology.

The topics of interest for publication include, but are not limited to:

- the optimization of topology;
- the control and fault-crossing capability of DC/DC converters;
- the modeling, analysis, and design of DC/DC converters for energy storage in smart grids;
- control optimization.



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Special Issue



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Message from the Editor-in-Chief

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