



New Topologies of DC-DC Converters in Power Systems

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

We are inviting submissions to a new Special Issue of *Electronics*, entitled "New Topologies of DC–DC Converters in Power Systems". With the large-scale integration of renewable energy sources (RESs), such as wind power and photovoltaics in the power system, as well as the rapid development of DC loads such as electric vehicles and data centers, there are increasing numbers of DC systems or links in the power system. DC/DC converters are crucial equipment for power interconnection and voltage transformation in the DC sections of the power system, especially in systems such as offshore wind power systems, all-DC systems, DC distribution networks, energy storage systems, electric vehicles, DC microgrids, etc., where new DC/DC application scenarios and technologies are rapidly developing.

This Special Issue will include recent developments regarding the topology, control, operation, protection, and application of DC/DC converters in the power system.





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Message from the Editor-in-Chief

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