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Advanced Power Transmission and Distribution Systems

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Message from the Guest Editors

Dear Colleagues,

Power transmission and distribution systems, which include power electronic converters, are becoming more crucial as renewable energy and electric car technology advances. Transmission and distribution networks increasingly have additional responsibilities in addition to providing energy to consumers, such as lowering carbon emissions and coordinating with other industries like transportation networks.

This Special Issue focuses on two primary areas: first, innovative power electronic equipment topology, control, and reliability, including DC circuit breakers, modular multilevel power transformers, and solid-state transformers, and second, cutting-edge techniques for modern distribution systems, including the proper planning, efficient and reliable operation, effective strategies of participating in markets, the mechanism design of local energy markets, and other relevant topics.











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Message from the Editor-in-Chief

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