Special Issue

AC and DC Power Grids System Technologies: Analysis, Control and Practical Applications

Message from the Guest Editors

This issue deals with new technologies for artificial intelligence and advanced technologies for power systems and renewable energy systems, including state-of-the-art research in AC and DC power grids, renewable energy technologies, artificial intelligence, high power DC/DC converters, power electronics converters, fault detection and diagnostics, intelligent power systems and grids, power and energy systems, Al-based methods, sensor-based control, battery energy storage system, vehicle-to-grid, and grid-to-vehicle. These studies are established to improve the strength of power and renewable systems.

Guest Editors

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Deadline for manuscript submissions

closed (30 March 2024)



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