



Power Management and Control of Microgrid with Distributed and Renewable Energy Sources

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Message from the Guest Editors

The purpose of this Special Issue is to address and disseminate state-of-the-art research in microgrids by academics, industries, and research organizations. This Special Issue will bring together recent advances in microgrid and will offer a major forum for reporting advances in microgrid research and associated technologies to uptake renewable-based generation. Topics of interest include but are not limited to the following:

- Recent advancement in microgrids and emerging microgrid technologies;
- Microgrid structures and configurations, Design of microgrid;
- Power electronic converters for microgrid;
- Advanced control and energy management of DC, AC, hybrid AC/DC microgrids;
- Microgrid integration and their impact on the distribution grid;
- Energy storage for microgrid;
- Integration of electric vehicles in microgrids and vehicle-to-grid (V2G) and grid-to-vehicle (G2V) operation;
- Cyber security of microgrid.





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Message from the Editor-in-Chief

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