



Grid Influence by Increasing the Penetration of Renewable Energy Based on Power Electronics

Guest Editors:

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Deadline for manuscript
submissions:
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Message from the Guest Editors

Dear Colleagues,

Prospective authors are invited to submit original contributions for publication in this Special Issue. Topics of interest include, but are not limited to:

- Supplementary control design of renewable energy in grid operation, support, and management;
- Power electronics combined models and solutions including storage devices;
- Frequency and voltage regulation in large-scale renewable farms;
- HVDC composition and operation for large-scale renewable energy;
- Frequency control of grid with high penetration of renewable generation systems;
- Hardware-in-the-loop methodology for performance evaluation;
- Smart communication integrated with power converters for control design of renewable energy in grid operation, support, and management;
- Power quality issues on grids with high penetration of power conversion systems;
- Monitoring, management and communication devices and architectures for distributed generation and storage system integration in smart grid framework.





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Message from the Editor-in-Chief

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