Wind Power Systems: Design, Operation, and Control

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Message from the Guest Editor

Dear Colleagues,

The penetration of wind power generation has been increasing around the world, bringing about various challenges to the design, operation, and control of power systems. These challenges include the potential congestions on transmission systems, the requirement of system flexibility, forecasting technique, communication and control, frequency regulation and inertia control, cycling of thermal generators, demand management, the revision of grid codes, energy storage systems, and others. Therefore, further development and growth of wind power generation require a continuation of technology improvements to reduce the costs for integrating wind power systems.

This Special Issue focuses on recent research and technology improvements on the design, operation, and control of wind power systems, especially in terms of review articles and practical industry applications in the world.

Prof. Dr. Yuan-Kang Wu
Guest Editor

Special Issue

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Message from the Editor-in-Chief

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