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Coordinated Control of Wind Power in Power Systems with a Large Share of Renewables

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is dedicated to the coordination of wind power plants with either other wind power plants or any other source such as PV, storage, STATCOM to provide grid services, in order to maintain the stability of future entire renewable energy integrated power systems. It aims to gather contributions which provide agile insights and answers to a variety of future research challenges for improved integration of a large share of renewable generation plants, providing industry and society with new solutions.

- enhanced grid services (grid following, grid supporting, and grid forming)
- wind power plant coordinated control
- wind power coordination with other existing assets, i.e., on-tap-changers, statcom
- renewable generations
- tso/dso coordination
- offshore wind power plants
- hybrid wind power plants

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Message from the Editor-in-Chief

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