



Smoothing Methods for Wind Energy

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Message from the Guest Editors

Prediction and evaluation of wind power fluctuation are interesting topics in relation to wind power smoothing. These methods can be applied to various wind smoothing methods, enhancing their effectiveness. In this way, wind power reliability and the overall system efficiency can be improved. Various methods and case studies about wind power smoothing methods are needed for better wind power integration into power systems.

Topics may include, but are not limited to, the following:

- Wind power smoothing methods;
- Power smoothing methods for wind/battery hybrid systems;
- Grid impact analyses according to wind power fluctuation;
- Energy storage system control methods for wind power smoothing;
- Evaluation and prediction of wind power fluctuation;
- Wind farm control;
- Case study analyses considering various specific grid systems.





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Message from the Editor-in-Chief

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