Special Issue

Advances in Performance Evaluation for the Wind Power Generators

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to performance evaluation for wind power generators. Topics of interest for publication include, but are not limited to, the following:

- Design and simulation techniques for wind power generators;
- Electromagnetic performance evaluation of generators;
- Mechanical performance evaluation of generators;
- Thermal performance evaluation of generators;
- Optimal design methodologies for wind power generators;
- Advanced evaluation methodologies for wind power generators;
- Grid integration studies for wind power generators;
- Reliability and maintenance for wind power generators;
- Artificial intelligence and machine learning studies for evaluating the performance of wind power generators;
- Digital twin for wind power generators;
- Output power forecasting for wind power generators.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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