

Special Issue

Advances in Renewable Energy Power Forecasting and Integration

Message from the Guest Editor

Renewable energy and smart grids have been paid more attention due to climate change and limited fuel resources. The integration of more renewables into the main grid is expected to increase in the future and this will lead to some critical issues related to power system stability and quality due to false data injection and inaccurate forecasting models which will affect the performance of the utility grid. This Special Issue is focused on the development of the most recent and cutting-edge technology related to forecasting, management, and decision making for renewable energy integration into the utility grid towards green energy for the future. Topics of interest for publication include, but are not limited to:

- Application of artificial intelligence in the engineering field.
- Forecasting techniques.
- Management and decision making for renewable energy integration.
- Smart and micro grids.
- Power system operation and control.
- Power quality issues.
- Energy management and optimization.
- Distributed generation
- Power system dynamics and stability analysis.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

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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