

Special Issue

Ensemble Forecasting Applied to Power Systems

Message from the Guest Editors

Forecasting is a crucial task in planning and managing modern power systems at various levels, such as transmission networks, distribution systems, and smart grids. Many important operations nowadays are scheduled and performed on the basis of predictions of several variables, such as non-controllable generation, loads, energy prices, and power quality indicators. This Special Issue is particularly interested in contributions dealing with forecasting power generated from renewable non-controllable sources (such as solar, wind, and tidal), loads (such as aggregated, individual, domestic, industrial, electrical vehicles), energy prices, and power quality indicators (such as voltage sag and harmonics). Further contributions with adequate level of innovation are encouraged as well.

keywords

- Ensemble forecasting
- Renewable generation forecasting
- Industrial load forecasting
- Price forecasting
- Power quality indices forecasting
- Smart grids

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closed (30 September 2019)



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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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