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Advanced Optimization and Forecasting Methods in Power Engineering

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Message from the Guest Editors

The purpose of this Special Issue is to consider various real and current problems related to power systems. Today's power systems face both technical and economic problems. They appear not only at the stage of operation of the power grid, but also during its planning and maintenance. Practically at every voltage level of the grid, operators have to deal with various emergency conditions that contribute to the emergence of current and voltage exceedances, problems with power balance, stability issues, etc. These situations often require the use of advanced methods that allow them to be solved. A good choice seems to be the use of optimization methods or, for example, combining optimization with selected machine learning methods. Each issue should be thoroughly investigated, so that the adopted objective function is appropriately selected according to the nature of the problem under consideration. In this Special Issue, preference is given to works that deal with the above subject and describe it in detail.

We invite you to submit your original works for the Special Issue "Advanced Optimization and Forecasting Methods in Power Engineering".



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Special Issue



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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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