Special Issue

Optimal Power Flow: Optimization and Control of Electric Power Systems

Message from the Guest Editors

The optimal power flow (OPF) model represents the problem of determining the best operating levels for electric power plants in order to meet demands given throughout a transmission network. Recently, many optimization methods have been developed to solve the OPF problem, particularly nonlinear complex optimization problems. Intelligent optimization methods are based on different concepts, such as evolutionary-inspired algorithms, human-inspired algorithms, natural-inspired algorithms, and artificial neural networks This Special Issue (SI) aims at presenting novel research on optimization and control of electrical power systems. Confidently, this SI represents a hub for contributors/researchers for sharing their interesting, up-to-date research results.

Guest Editors

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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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