

Special Issue

Modern Power System Stability and Optimal Operating

Message from the Guest Editors

This Special Issue welcomes the submission of both original research and review articles related to the above topics, particularly including but not limited to the following fields: Stability analysis and optimal operation with respect to uncertainties; Stability analysis and optimal operation based on data-driven and AI methods; Robust stability control strategy and operating decision for varied conditions; Renewable generation system control strategies; Optimal operation of integrated energy systems; Modeling of the power systems with integrated renewable energy sources and varied loads; Analysis and modeling of renewable generation systems and load behavior; The influence of demand-side responses and management on power system stability and operation; Probabilistic analysis for modern power systems; Wide-band oscillation and its stability control strategy; State estimation frameworks for uncertain sources and loads integrated power systems.

Guest Editors

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Deadline for manuscript submissions

closed (15 November 2023)



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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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