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Distribution System Optimization

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submissions:

closed (31 October 2019)

Message from the Guest Editors

Distribution system optimization has been attracting researchers for decades, but the dramatic revolution in power systems, which is particularly affecting the distribution business, requires new activity in the field, since many of the assumption that guided distribution optimization are no longer valid or should be discussed.

This Special Issue is looking for contributions on:

- Integrated TSO/DSO planning and optimization under uncertainty;
- Distribution optimization under uncertainty;
- Cross-sectoral planning (multi-energy/multi-service optimization);
- Emerging technologies and novel schemes (e.g. microgrids) in distribution optimization;
- Distribution optimization and resiliency;
- Artificial intelligence applied to distribution optimization;
- Models of flexible demand/generation in distribution optimization;
- Impact of services offered by microgrids and local energy communities on network architecture and system development.



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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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