Special Issue

Recent Studies in District Heating and Cooling Systems

Message from the Guest Editors

In future energy systems, the high integration of different energy sectors and energy systems will be vital. Thus, district heating (DH) and cooling (DC) networks will be as important as electricity grids. This special issue aims at attracting cutting-edge research and review articles on DH and DC systems. Topics include but are not limited to the following:

- Novel concepts and designs in DH and DC systems
- Innovative solutions for the improvement of the existing DH and DC designs
- Integration of renewable-based co-generation or trigeneration systems to DH and DC systems
- Passive and active performance enhancement techniques on DH and DC system components
- The use of centralized or decentralized energy storage systems in DH and DC systems
- Optimization methods for optimal operation or planning in DH and DC systems
- Dynamic modeling and cost analysis of DH and DC systems
- Technical and economic investigations of case studies for the implementation of DH and DC systems

Guest Editors

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Deadline for manuscript submissions

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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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