Special Issue

Building, District, and Community Energy Systems Optimization

Message from the Guest Editors

The purpose of this Special Issue is to try to fill the knowledge gap that presently exists on the use of optimization models to adress these decisions in an *integrated* manner. We invite original contributions regarding recent developments and novel ideas in applications of whole system models and optimization techniques. Potential topics include but are not limited to design and operation of mechanical systems for energy conversion, distribution, and storage; building refurbishment decisions; renewable energy integration in buildings; combined heat and power systems, control systems (real-time and predictive); energy recovery; environmentally-frienly designs, fault disgnostics, and maintenance management; and emerging applications of data analytics and machine learning in building and district energy systems.

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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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