

Special Issue

Power Markets and Energy Demand

Message from the Guest Editors

In many parts of the world, power systems have evolved towards an unbundled structure, where competition exists at the generation and the retail phases of the value chain. This evolution led to the existence of many actors with a potential for participation in electricity markets. The current predominant intervention of generators and suppliers in electricity markets is giving place to regulatory allowances to the participation of other market agents such as aggregators, energy communities, and energy service companies. Small scale investments in renewable electricity production are proliferating due to substantial reduction of investment costs. The current digitization of electricity networks, including the roll-out of smart meters, together with the growing penetration of electric vehicles, provides opportunities to explore the flexibility potential of the demand side on the management of the infrastructure as a smart grid. It also changes the perspective of consumers on the overall cost of electricity supply. The Special Issue will provide an opportunity to explore these hot topics on energy demand, which has been the source of vibrant and disruptive research.

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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