Special Issue

Demand Response Management in Electricity Markets

Message from the Guest Editors

The increasing penetration of energy-intensive loads, such as electric vehicles and heat pumps, that are controllable enables the demand side to provide flexibility for the grid. Developing models in the planning, operation, and control of demand-side resources should enhance the flexibility of the energy systems and satisfy the consumers. Besides, energy policies and energy market regulations should enable DR strategies in industries, energy communities, and small-scale energy systems such as buildings and homes. This Special Issue aims at encouraging researchers and industries to report their solutions for the design of the system structure as well as of operational and control models for DR management in electricity markets and ancillary services.

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Deadline for manuscript submissions

closed (30 June 2022)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/48845

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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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