Special Issue

Energy Market Transitions

Message from the Guest Editors

Energy markets already undergo considerable transitions to accommodate new energy forms, Traditional energy markets are under pressure, while not yet mature energy markets emerge. Investment in large-scale and capital intensive energy production projects are surrounded by high uncertainty, difficultly hedged by private entities. Traditional energy production companies transform into energy service suppliers, companies aggregating numerous potential market players emerge, while regulation and system management play increasing role. Economic analysis, forecasting, modeling and investment assessment require fresh approaches and views to address the increasing uncertainties and complexities. Novel research is thus required to simulate multiple actor interplays and idiosyncratic behaviors. The required approaches cannot deal only with energy supply, but need to include active demand and cover systemic aspects. Energy markets transitions challenge policy making. Market coordination failure, removal of barriers hindering restructuring and combination of market signals with command-and-control policies measures, are some of the new aims of policies.

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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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