



Modeling and Optimization of Hybrid Energy Systems

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Message from the Guest Editors

Novel methods used for optimization and evaluation of energy systems (hybrid optimization algorithms, improved optimization algorithms, useful models and efficient optimization methods);

Modeling of hybrid energy systems integrated with desalination units;

Intelligence methods applicable for modeling of energy technologies;

Energy system optimization based on renewable energy (solar and wind energy) for thermal and electrical generation;

Combined heat and power systems optimization based on hybrid optimization algorithms;

Applications of evolutionary methods in optimizing energy systems (heat and electricity production units in the energy systems);

Exergy and exergoeconomic analyses of energy systems;

Electrical and thermal analysis of energy systems using intelligence methods;

Economics and performance analysis of energy system using optimization algorithms;

Integration of secure solutions for thermal and electrical generation systems;

Electrical and thermal energy management using intelligence methods.





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Message from the Editor-in-Chief

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