

Special Issue

Modeling and Optimization of Hybrid Energy Systems

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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Deadline for manuscript submissions

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