Special Issue

Optimal Scheduling and Intelligent Energy Management Strategies for Electric Vehicle Charging Stations

Message from the Guest Editors

This Special Issue focuses on optimal scheduling and intelligent energy management strategies for electric vehicle charging stations (CSs). Topics of interest for publication include, but are not limited to, the following:
Optimal scheduling methods for EVs;
Artificial intelligence applied to power flow in EV charging stations;
EV charging infrastructure;
Demand–response and V2G;
Decentralized framework for bidirectional operation of EVs;
Integration of renewable energy sources and EV network;
EV electricity market (day-ahead, real time, etc.);
Intelligent energy management systems for EV charging stations;
Advanced flexibility strategies for EV charging/discharging;
EV integration in residential/private/community buildings and self-consumption;
Electric vehicle planning and operation in the smart grid;
Distributed/decentralized V2G/G2V scheduling of EVs.

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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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