Special Issue

Smart EV Charging

Message from the Guest Editor

The number of EVs has increased exponentially since the early 2010s, and they bring with them tremendous opportunities for both the power sector and mobility because they form the nexus between two revolutions—decarbonising electricity and electrifying transport. The key lies in leveraging the potential for complementarity between the needs of electricity decarbonisation and the needs of transport electrification. Electricity grids are looking for ways to make productive use of large volumes of low-cost, zero-carbon energy that will be available at times when it may not have been needed to meet traditional demands for electricity. This Special Issue invites papers discussing the opportunities and challenges associated with smart charging. We therefore invite papers on innovative technical developments, reviews, case studies, analytical, as well as assessment papers from different disciplines, which are relevant to smart charging.

Guest Editor

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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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