Special Issue

AI Solutions for Energy Management: Smart Grids and EV Charging

Message from the Guest Editors

Energy management is crucial for sustainable development, with demand steadily rising due to global population growth and economic progress. As traditional energy resources dwindle, the challenge lies in efficient distribution. Smart grids and Electric Vehicle (EV) charging systems introduce complexities that require advanced management tools. Decision-makers face uncertainties and multifaceted parameters, necessitating innovative solutions. This Special Issue focuses on the latest advancements in AI-driven solutions for energy management, particularly in the context of smart grids and EV charging. Topics cover the development and application of AI technologies to enhance energy efficiency, manage grid operations, optimize EV charging, and integrate renewable energy sources. The aim is to present cutting-edge research that addresses the complexities of modern energy systems, fostering more intelligent and sustainable energy management practices.

Guest Editors

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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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