Special Issue

Studies in the Energy Efficiency and Power Supply for Railway Systems

Message from the Guest Editors

The is inviting submissions to a Special Issue of Energies on the subject area of “Studies in the Energy Efficiency and Power Supply for Railway Systems”. Energy efficiency and power supply are important for the safe and efficient operation of railway systems. There have been many emerging energy solutions and supply techniques for electrified railways (including the metro) in recent years. This Special Issue will deal with novel energy supply and utilization techniques for railway systems. Topics of interest for publication include, but are not limited to: Renewable energy utilization in railway systems Energy management for railway power supply Regenerative braking energy utilization Intelligent algorithm for railway power supply Power electronics and associate control for railway power supply Health management for electrical equipment in railway systems High voltage and insulation technology for railway power supply Railway supply voltage stability Modeling of traction power supply system Interaction between railway supply and electric locomotive

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Deadline for manuscript submissions

closed (10 August 2023)

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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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