



Recent Developments and Emerging Trends of New Electrical Energy Storage Systems

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Message from the Guest Editor

This Special Issue focuses on technology that enables, improves, and reduces the cost for electric energy storage systems. Both the storage elements and power electronics for the efficient utilization of the storage elements are covered. This includes, among others, battery systems, converters for battery/supercapacitor charging and/or discharging, bidirectional power converters, and technology utilizing car batteries for the grid or personal storage (vehicle to grid). It also includes technology for combining different energy storage elements into a system in order to achieve some benefits such as supercapacitors/fuel cells, superconducting magnetic energy storage (SMES)/batteries, pump power/battery, etc. The cost of electrical energy storage systems is currently very high, and cost-effective systems are very interesting, such as refurbished battery storage, low-cost energy storage elements, low cost converters, or other innovative solutions.





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Message from the Editor-in-Chief

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