Special Issue

Advanced Technologies for Compressed Air Energy Storage/Thermal Storage Systems: 2nd Edition

Message from the Guest Editor

This Special Issue encourages original contributions regarding recent developments and ideas in advanced technologies for CAES/TES systems. Potential topics include but are not limited to CAES technologies, TES technologies, components/material, dynamic analysis, system control, economic/ecological impact, renewable energy integration, distributed energy system integration, and power system integration. Keywords:

- compressed air energy storage
- thermal storage system
- compressor
- expander
- air storage facility
- thermal storage material
- charge
- discharge
- dynamic analysis and control
- economic and ecological impact
- distributed energy system
- renewable energy
- power system

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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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