

## Adiabatic compressed air energy storage

Adiabatic compressed air energy storage (A-CAES) is an effective balancing technique for the integration of renewables and peak-shaving due to the large capacity, high efficiency, and low carbon use. Increasing the...

The adiabatic compressed air energy storage (A-CAES) system has been proposed to improve the efficiency of the CAES plants and has attracted considerable attention in recent years due to its advantages including no...

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Chen, X.; Zhang, T.; Xue, X.; Chen, L.; Li, Q.; Mei, S. A Solar-Thermal-Assisted Adiabatic Compressed Air Energy Storage System and Its Efficiency Analysis. *Appl. Sci.* 2018, 8, 1390. <https://doi/10.3390/app8081390>

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