Hybrid energy storage system



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Hybrid Energy Storage Systems (HESS) combine multiple energy storage technologies for enhanced performance and reliability123.

HESS are vital for improving renewable energy systems" efficiency and reliability, supporting sustainable energy infrastructure. However, addressing challenges like cost and complexity is crucial for widespread adoption1234.

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Dong, Z.; Zhang, Z.; Li, Z.; Li, X.; Qin, J.; Liang, C.; Han, M.; Yin, Y.; Bai, J.; Wang, C.; et al. A Survey of Battery–Supercapacitor Hybrid Energy Storage Systems: Concept, Topology, Control and Application. Symmetry 2022, 14, 1085. https://doi /10.3390/sym14061085

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