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Title: High-temperature resistant energy storage cabinet cost-effectiveness

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In this paper we propose a method to operate a TES system cost-effectively under the condition that thermal demand prediction has an error and the real-time pricing rate structure is introduced.

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However, the cost of this type of high-temperature thermal energy storage was higher than sensible and latent heat technologies, ranging between 80 and 160 euros per kilowatt-hour as of 2024.



# High-temperature resistant energy storage cabinet cost-effectiveness

As part of the Energy Storage Grand Challenge, Pacific Northwest National Laboratory is leading the development of a detailed cost and performance database for a variety of energy storage ...

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