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Overview

Will Tesla build a grid-scale battery energy storage station in China?

Tesla has officially signed a ¥4 billion (C\$764/US\$557 million) deal to build its first grid-scale battery energy storage station in China, leveraging its Megapack technology.

Could a grid-side energy storage power station solve urban electricity problems?

"The grid-side energy storage power station is a 'smart regulator' for urban electricity, which can flexibly adjust grid resources," Tesla said on Weibo, according to a Google translation. This would "effectively solve the pressure of urban power supply and ensure the safe, stable and efficient electricity demand of the city," it added.

Why is Tesla building a large-scale energy storage facility in China?

Their growing use helps stabilize power grids, prevent outages, and reduce reliance on fossil fuels. This project is Tesla's first large-scale energy storage installation in China, complementing its existing automotive manufacturing presence in the city through Giga Shanghai.

What is a utility-scale battery energy storage system?

Utility-scale battery energy storage systems help electricity grids keep supply and demand in balance. They are increasingly needed to bridge the supply-demand mismatch caused by intermittent energy sources such as solar and wind.



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