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Energy storage project launch



Overview

What is Tesla's new energy storage megafactory?

The energy storage Megafactory is the first of its kind built by Tesla outside the US and the company's second plant in Shanghai. Mass production at the factory commenced just eight months after construction began, serving as a new example of "Tesla speed" in China, Tesla said in a press release sent to the Global Times on Tuesday.

Will Tesla's first grid-side energy storage station be built in China?

It will be Tesla's first grid-side energy storage station to be built on the Chinese mainland. Dong Kun, general manager of Tesla China's energy business, said the station, once launched, will participate in electricity spot trading, helping balance peak and off-peak power demand in the local grids and enhance grid stability.

Where is Tesla's gigawatt-hour-scale energy storage station located?

The gigawatt-hour-scale energy storage station is to be located in the Lin-gang Special Area of China (Shanghai) Pilot Free Trade Zone, as per the deal signed by Tesla, the administrative committee of the Lin-gang Special Area, the people's government of Shanghai's Fengxian District, and China Kangfu International Leasing Co., Ltd.

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.

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Shanghai is set to ease winter power demand and reduce costs with the launch of the first phase of Tesla's grid-side energy storage project later this year.

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The 57MW/114MWh Cross Trails BESS is located in Scurry County, Texas. Image: Energy Vault In Texas, two companies, Energy ...

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