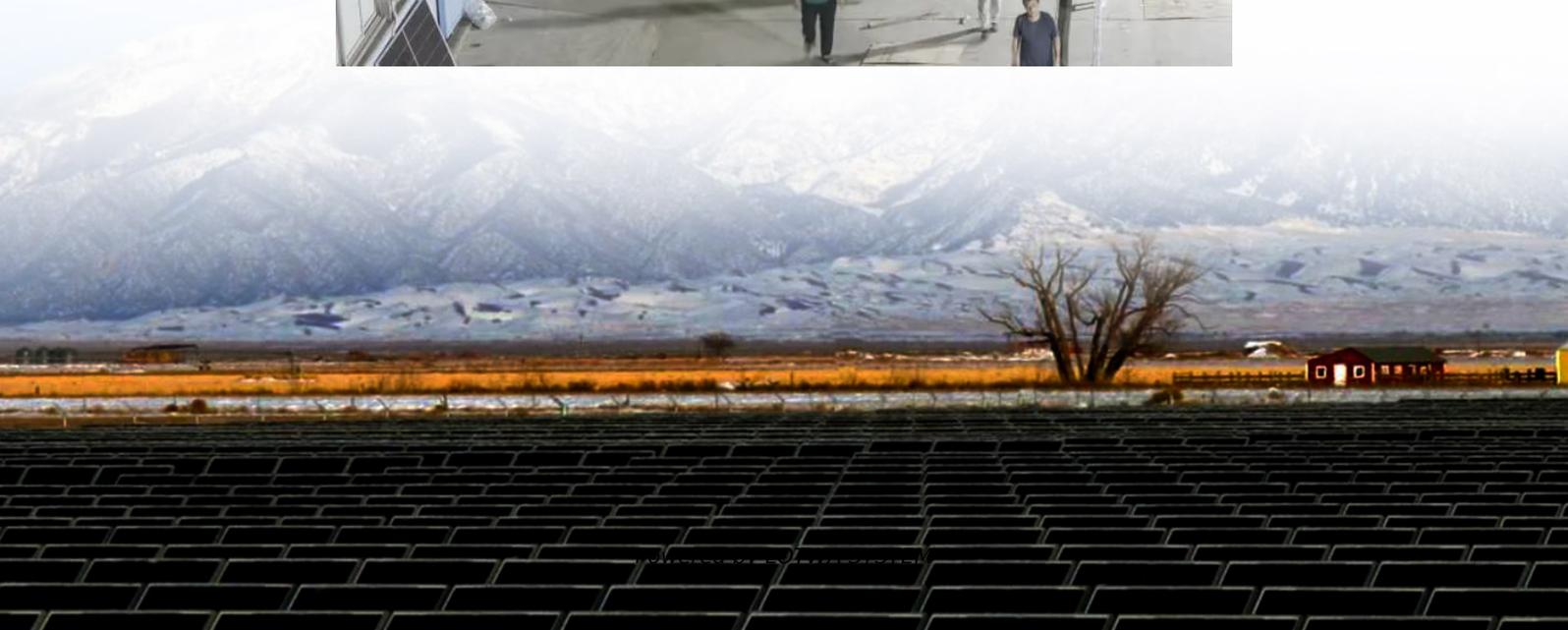


Huawei Shanghai Flow Battery Project





Overview

Why is a flow battery important to China's Energy Future?

It also plays an important role in regulating energy supply and frequency, making it a key component of China's sustainable energy future. Rongke Power, a pioneer in flow battery technology, previously developed the 100 MW/400 MWh Dalian system in 2022, the largest of its kind at the time.

What is Xinhua ushi energy storage project?

The 175 MW/700 MWh Xinhua Ushi Energy Storage Project, built by Dalian-based Rongke Power, is now operational in Xinjiang, northwest China. This groundbreaking project promotes grid stability, manages peak electricity demand, and supports renewable energy integration.

Does Huawei make power batteries?

While Huawei does not manufacture power batteries, it has shown increasing interest in upstream battery materials. Earlier in 2025, the company filed a separate patent on the synthesis of sulfide electrolytes — a key material known for its high conductivity but also high cost, sometimes exceeding the price of gold.

Why is Huawei developing a solid-state battery?

Huawei's design aims to boost safety and cycle life by mitigating degradation at this critical junction. Huawei's involvement in solid-state battery research reflects a broader trend among Chinese technology and automotive companies. While Huawei does not manufacture power batteries, it has shown increasing interest in upstream battery materials.



Huawei Shanghai Flow Battery Project

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Liquid flow energy storage, targeted by Huawei, has ...



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