



SolarTech Power Solutions

Taipei Hydropower Energy Storage Project



Overview

What is Taipower's new energy storage system?

The new energy storage system adds power for renewable energy! In response to international energy transitions and net-zero emission trends, Taipower is actively developing diverse energy solutions.

How does Taiwan promote the energy storage industry?

The promotion of the energy storage industry by the Taiwan government: Including regulations and policies. Energy storage systems can increase peak power supply, reduce standby capacity, and have other multiple benefits along with the function of peak shaving and valley filling.

How many MW will Taipower have in 2025?

A Taipower representative stated that the government's 2025 goal of establishing 1,500 MW of energy storage includes 500 MW from private developers integrating energy storage with photovoltaic power, 160 MW of energy storage systems built by Taipower, and an additional 1,000 MW from private resources aggregated through the Energy Trading Platform.

What are the future prospects for Taiwan's energy storage industry?

Future prospects Taiwan's energy storage industry is currently in its infancy and is mainly being developed and dominated by the Taiwan Power Company (Taipower), the Chinese Petroleum Corporation, Taiwan (CPC Taiwan). Taipower expects to complete a 590 MW energy storage system installation by 2025.

How can Taipower improve grid resilience?

To strengthen grid resilience, Taipower previously implemented a 20-MW energy storage system at the Tainan Salt Fields Solar Farm and the Kaohsiung Luyuan Substation, as well as a 60-MW energy storage system at the Longtan Extra-High Voltage (EHV) Substation earlier this year.

Will Taipower complete 590 MW energy storage system by 2025?

As mentioned above, Taipower announced that it will complete the 590 MW energy storage system by 2025, and its market scale will grow by more than 100 times in 6 years. The explosive power of the industry is amazing, and it is expected to attract relevant supply chain operators to invest in energy storage systems one after another.

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