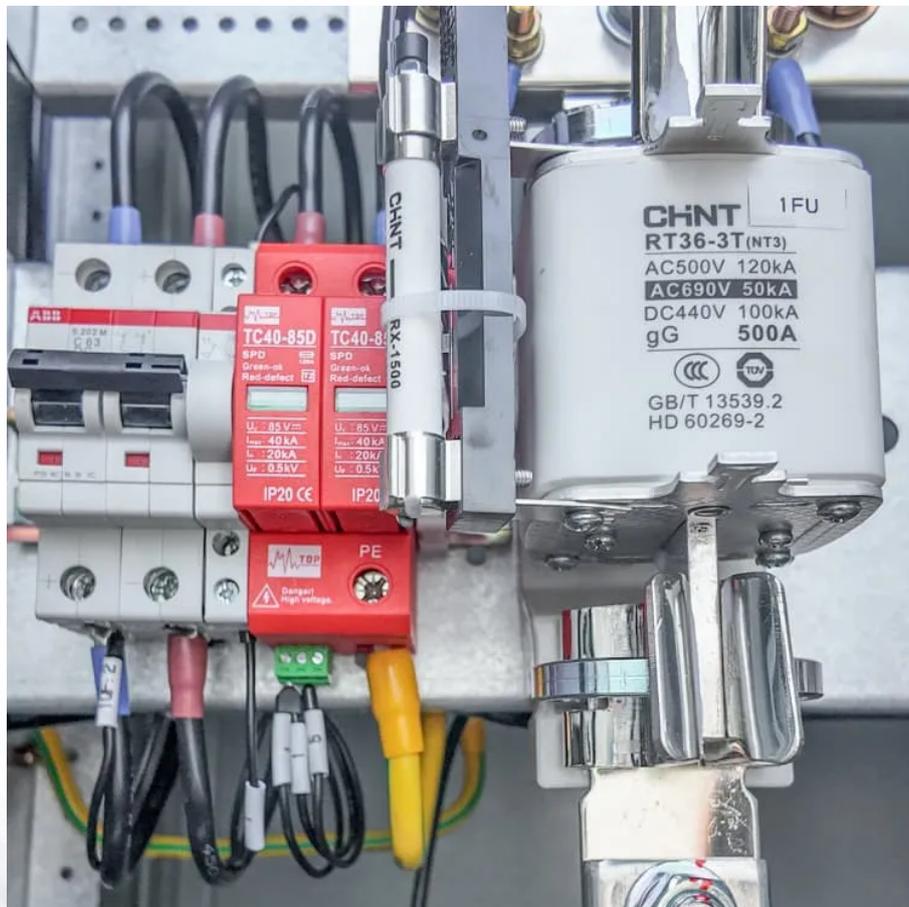


A-Core Container

High and low peak and valley electricity price energy storage power station



Overview

How do C&I energy storage projects benefit from Peak-Valley arbitrage?

C&I energy storage projects in China mainly profit from peak-valley arbitrage while reducing demand charges by monitoring the inverters' power output in real time to prevent transformers of industrial parks from exceeding their capacity limits.

Why is the C&I energy storage sector growing?

Since July, as the country experienced peak electricity demand, more and more provinces have varied electricity charges for different seasons, expanding the peak-to-valley spread and fostering growth in the C&I energy storage sector.

How much does a kWh cost in Guangdong?

In the five cities of the Pearl River Delta of Guangdong, the peak price was RMB 1.49/kWh, and the trough price was RMB 0.289/kWh, meaning a peak-to-trough gap of RMB 1.2/kWh, making Guangdong the province of the largest peak-to-valley spread as of mid-2023.

What is the peak-to-Valley spread in 2023?

According to the table, in July 2023, 24 regions saw the peak-to-valley spread exceed RMB 0.7/kWh. Among them, 90% experienced month-on-month increases, and 70% year-on-year increases, in their peak-to-valley spread, with Jiangxi Province witnessing the fastest year-on-year rise of 109 %.

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