

# Zhiguang Electric's latest energy storage system

July 25, Zhiguang officially launched its third-generation cascaded high-voltage large-capacity energy storage system -- ZG Ener-Plus 3.0 -- at the Energy Storage Engineering Conference in Chengdu.

Phase 2 (2028-2030) plans to expand to about 6,000 m<sup>2</sup>, adding packaging and testing lines to reach an annual capacity in the billions of units, focusing on IoT, automotive, and edge AI chips.

Zhiguang's 35kV high-voltage direct-connect energy storage system adopts a cascaded topology, in which multiple battery clusters are directly connected and stepped up to 35kV--eliminating the need ...

Under the contract, Pengxin Energy Storage will purchase a set of 200MW/400MWh energy storage system equipment from Zhiguang Energy Storage. Guangdong Pengxin Energy ...

Zhiguang Electric's utility-scale battery energy storage system (BESS) offers a comprehensive and innovative solution for electrical energy storage. Our BESS ensures a reliable power supply, ...

The highlight of Zhiguang's exhibition was its GW-level grid-forming high-voltage cascaded energy storage system, configured with a total capacity of 500MW, integrating ten 35kV cascaded high ...

Beyond lithium-ion, Zhiguang is also exploring and implementing technologies such as flow batteries and compressed air energy storage systems, which may offer longer-duration energy ...

Zhiguang Energy Storage's pioneering self-synchronized voltage source control technology addresses the stability challenges posed by the high integration of renewable energy sources into the grid, ...

Zhiguang's cascaded high-voltage large-capacity storage system enhances LCOS (Levelized Cost of Storage) optimization and strengthens grid support, transforming energy storage from a cost burden ...

In 2022, the company's new energy storage product was officially launched (20MW/40MWh). This is the world's largest single-unit cascade 35kV high-voltage direct-mounted large-capacity energy storage ...

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