ContainerPower Energy Solutions

Huawei s three major energy storage industrial park projects

Overview

Since March 2024, CR Power* (25 MW/100 MWh, Hami, wind+ESS, string architecture) and CGDG* (50 MW/100 MWh, Golmud, Qinghai, multi-energy) have completed groundbreaking performance tests of 100 MWh grid-forming energy storage plants with the guidance and support of local energy bureaus, SGCC*, and China Electric Power Research Institute.What's new in Huawei's Innovation Park?

First, the new planning philosophy guides the top-level design of the innovation park. These include Huawei's latest three-dimensional transformation methodology (energy, zero-carbon, and digital transformation) and the four-flow integration value system (energy, carbon emissions, information, and value flows).

What is Huawei's energy transformation strategy?

These include Huawei's latest three-dimensional transformation methodology (energy, zero-carbon, and digital transformation) and the four-flow integration value system (energy, carbon emissions, information, and value flows). Second, the park enjoys a compact but complete new energy supply system. This enables source-grid-load-storage synergy.

How Huawei's power supply solution helps Ngari Prefecture?

Huawei's solution plays a crucial role in ensuring power supply and improving renewable integration in Ngari Prefecture under high altitude, low temperature, and weak power grid conditions.

What technology does the park use?

It uses Huawei's latest Wi-Fi 6 for full wireless coverage and has also deployed a digital platform to collect, access, and manage all of the park's data. Founded on innovation, the park has intelligence at its core, including smart energy, zero-carbon, and park management.

What is Huawei digital power?

Huawei Digital Power is dedicated to enhancing the safety and stability of renewable integration by combining digital and power electronics technologies, leveraging technical experience, and collaborating with global power companies, grid enterprises, and electricity providers.

What technology is used in a Energy Park?

The park also adopts advanced information technologies, such as the energy Internet, big data, and a cloud service platform to manage, dispatch, and transact energy across supply, transmission, and consumption.

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