

ContainerPower Energy Solutions

Three major energy storage projects worth over 4.5 billion yuan launched



Overview

How many kW of solar power will be installed at the base?

The clean energy projects at the base are planned to have an installed capacity of 6 million kW, which includes 4.5 million kW of wind power and 1.5 million kW of solar power. Construction of the supporting energy storage facilities is also included.

What is Huaneng Longdong energy base?

It was the first project to begin service at the Huaneng Longdong Energy Base, the country's first 10-million-kW multi-energy complementary comprehensive energy base. The project is also one of the first national large-scale wind-solar power base projects located in the desert and Gobi areas.

What is Huaneng Longdong multi-energy complementary energy base?

The smart and green Huaneng Longdong multi-energy complementary energy base has a total installed capacity of more than 10 million kW, more than 80 percent of which is clean energy. All projects at the base are scheduled to be put into operation within China's 14th Five-Year Plan (2021-25) period.

What is a 1 million kilowatt wind-solar power project?

A view of the 1 million-kilowatt wind-solar power project in Qingyang, Northwest China's Gansu Province, the first project to enter service at the Huaneng Longdong Energy Base, the country's first 10-million-kilowatt multi-energy complementary comprehensive energy base [Photo/sasac.gov.cn].

How many GWh of energy storage did Tesla Energy deploy in Q2?

To put the size of this project into perspective, Tesla deployed 9.4 GWh of energy storage in Q2 as a whole, its most in a single quarter, beating its previous record by 132 percent. Tesla Energy is no longer a sleeping giant. During the second quarter of 2024, Tesla Energy was able to deploy 9.4 GWh of energy storage products.

How will China's new power base work?

All projects at the base are scheduled to be put into operation within China's 14th Five-Year Plan (2021-25) period. Once operational, the base is expected to export 24 billion kWh of power annually to East China's Shandong Province through the ultra-high-voltage power transmission line.

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