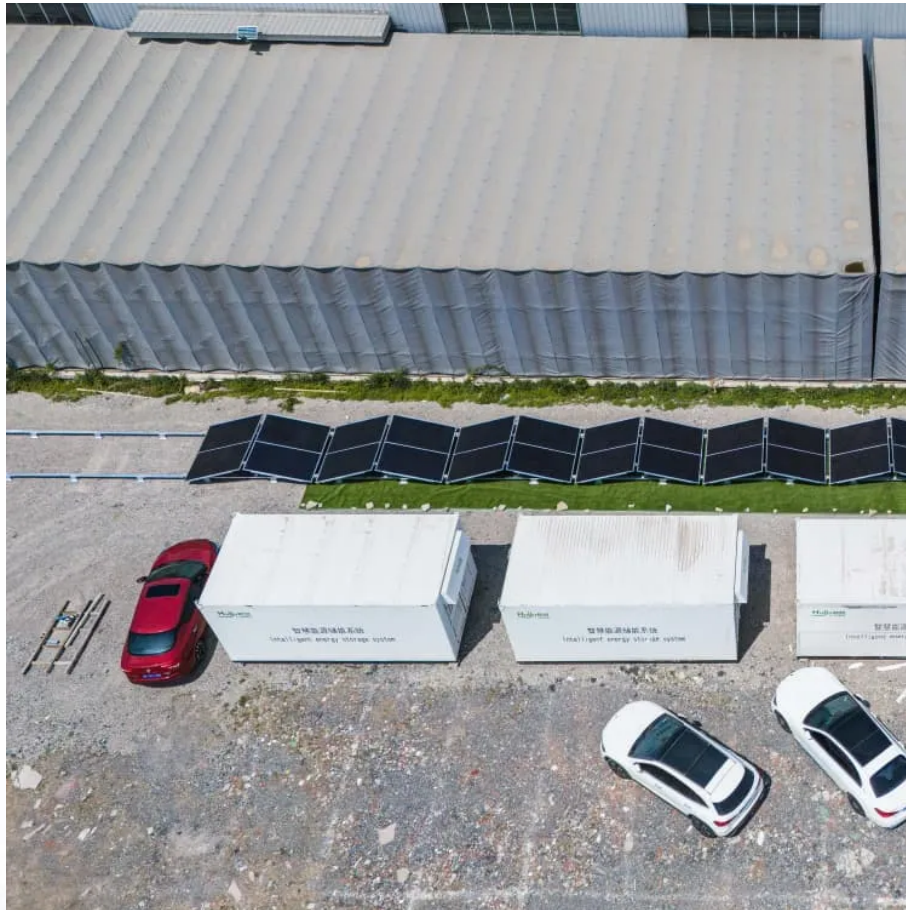


A-Core Container

Grid Energy Storage Project Cooperation



Overview

What is BYD's battery energy storage project?

The 12.5 GWh battery energy storage project between BYD and Saudi Arabia is a game-changer. It will improve energy stability, boost renewable energy adoption, and support Saudi Arabia's Vision 2030 goals. Energy storage is key to the clean energy transition.

What makes BYD a great energy storage company?

With 17 years of innovation in the energy storage sector, BYD has delivered more than 75GWh of BESS equipment to more than 350 projects in 110 countries and regions. The company's philosophy of being Technology-based, Innovation-oriented has fuelled breakthroughs across generation, utility and consumption applications.

What is the energy storage Grand Challenge (ESGC)?

In January 2020, DOE launched the Energy Storage Grand Challenge (ESGC) to facilitate a department-wide strategy to accelerate the development, commercialization, and use of next-generation energy storage technologies and sustain American global leadership in energy storage.

How will BYD's new energy storage systems work?

The new energy storage systems will be installed across five locations in the Kingdom and fully integrated into the national power transmission network. The battery energy storage systems (BESS) provided by BYD will use its new-generation MC Cube-T ESS and its pioneering Cell-to-System (CTS) integration technology.

Are lithium phosphate batteries a good choice for grid-scale storage?

Based on cost and energy density considerations, lithium iron phosphate batteries, a subset of lithium-ion batteries, are still the preferred choice for grid-scale storage.

What is Doe's strategic investment in energy storage?

DOE's strategic investment in energy storage aims to ensure that all Americans have access to energy storage innovations to enable resilient, reliable, secure, and affordable electricity systems and supplies.

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