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10 billion wind solar and energy storage projects

Overview

Is China entering a new era of energy storage demand?

Mainland China accounts for most of the global energy storage demand, driven in the near term by regional requirements for new utility-scale wind and solar projects to include energy storage capacity. However, the Chinese market is entering an era of change.

How many wind power megaprojects are there in China?

The project is one of six national wind power megaprojects approved by the Chinese government and began construction in 2009. More than 20 developers are involved in the project including China Longyuan Power Group, Goldwind, Beyondsun and Gansu Guazhou Baofeng Wind Energy Development Co.

How many new energy storage projects are there?

According to NEA's Bian, the government has released a list of 56 new-type energy storage pilot demonstration projects since the beginning of this year, including 17 lithium-ion battery projects and 11 compressed air energy storage projects, among others.

What drives energy storage project development?

Globally, energy storage project development is increasingly driven by the utility-scale segment, with mandates and targeted auctions driving gigawatt-hour projects in markets like China, Saudi Arabia, South Africa, Australia and Chile.

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