

# Inner Mongolia s first batch of photovoltaic energy storage projects



## Overview

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29, construction officially began on the large-scale new energy base in the central and northern areas of the Kubuqi Desert, Inner Mongolia, China, which is scheduled to be completed and put into operation by the end of 2027. The project is expected to add 1.6GW of capacity to the grid by 2025. The goal is to accelerate the energy transition and align with the national government's policies on climate mitigation. After the project is completed, it will be managed by Inner Mongolia New Vision Group. On Sep. 15, 2024, Inner Mongolia New Vision Group held a centralized groundbreaking ceremony for the first batch of independent new energy storage power station demonstration projects on the grid side in Inner Mongolia. The four projects, including the 160MW/320MWh project, passed grid-connected tests. SHANGHAI SERMATEC ENERGY TECHNOLOGY CO.

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### Inner mongolia shangdu energy storage

In 2016, China's National Energy Administration (NEA) suspended approval of new wind power projects in six northern regions, including Inner Mongolia, to avoid excessive curtailment.

### [4.5 billion! Inner Mongolia Kubuqi Desert 1GW New Energy Project](#)

Using efficient photovoltaic modules, we plan to build one photovoltaic operation and maintenance center, one 220kV booster station, and one energy storage station, which will be



### [Inner Mongolia plans 57GW photovoltaic and wind power base project](#)

The state has planned the first batch of large-scale new energy base projects in Inner Mongolia of 20.2 million kilowatts and the second batch of large-scale new energy base projects of

### [Chinese PV Industry Brief: Inner Mongolia launches 16 GW renewables project](#)

Inner Mongolia has started building a 16 GW ultra-high-voltage energy base combining solar, wind, coal, and 5 GWh of storage to supply 36 TWh per year to northern China.



### [Investment of 98.8 Billion RMB! Supporting Energy Storage of 5 GWh](#)

As of now, the Inner Mongolia Autonomous



### **Inner Mongolia new energy storage**

One of the state-approved large-scale new energy bases, the project in Ordos city of Inner Mongolia will include 8 gigawatts (GW) of solar power installations, 4 GW of wind power, 4 GW of coal-fired power



### **Inner Mongolia Energy Group's Dengkou Energy Storage Power**

On 12 December 2025, Inner Mongolia Energy Group announced that its Dengkou County 400 MW / 1,600 MWh independent energy storage project has successfully connected to the grid and

### **Inner Mongolia photovoltaic project connected to grid**

This marks the first project among Inner Mongolia's four large-scale wind and solar energy bases in desert areas to achieve a combined 2 GW grid connection. It is also the first project



### **[Inner Mongolia PV and storage 160MW/320MWh project passed grid](#)**

The 160MW/320MWh photovoltaic power storage project in Kubuqi, Inner Mongolia, has recently successfully passed the grid-connected test of the energy storage power station, marking a

[The first batch of independent new energy storage power station](#)

On August 28, Inner Mongolia New Vision Group Co., Ltd. (hereinafter referred to as Inner Mongolia New Vision Group) held a centralized groundbreaking ceremony for the first batch of independent



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