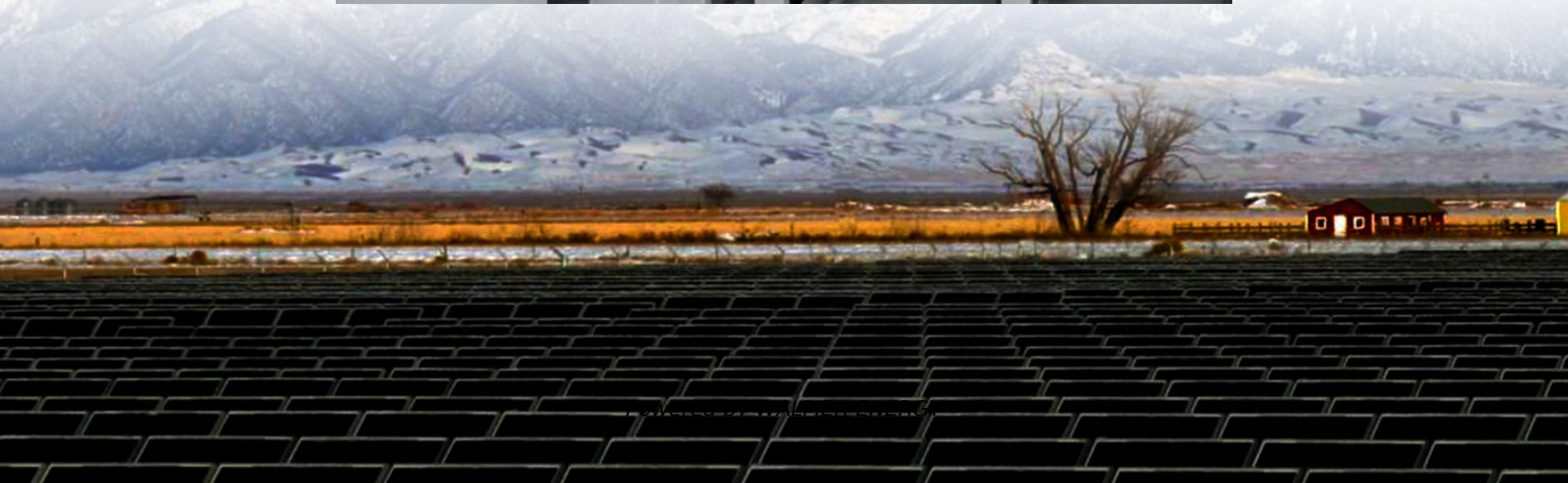


# **Energy storage project of the First Branch of the Fourth Hydropower Bureau**





## Overview

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What pumped storage power stations ushered in a new peak?

During the “Twelfth Five-Year Plan” and “Thirteenth Five-Year Plan” periods, to adapt to the rapid development of new energy and UHV power grids, pumped storage power stations such as Fengning in Hebei Province and Jixi in Anhui Province ushered in a new peak.

How to promote the construction of pumped storage power stations?

To promote the construction of pumped storage power stations, it is of great significance for the construction and optimization of modern power systems.

2. Development trends of pumped storage energy in China To effectively support the construction and development of pumped storage power stations, China has issued a series of supporting policies.

Which provinces have pumped storage power stations?

Analyzing the approved quantity and installed capacity of pumped storage power stations in Henan, Hubei and Hunan provinces. Analyzing the construction subject, design unit and typical technical and economic index of pumped storage projects.

When was the first pumped storage power station built?

In 1882, the world's first pumped storage power station was born in Switzerland, which has a history of nearly 140 years. The large-scale development began in the 1950s, mainly in Europe, the United States and Japan.



## Energy storage project of the First Branch of the Fourth Hydropower Bureau

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The Fourth Hydropower Bureau signed the Shanlanling Hydropower ...

[The Fourth Hydropower Bureau signed the Shanlanling Hydropower Station Project]On the afternoon of August 24, 2022, China Hydropower Fourth Bureau signed a cooperation ...

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Approval and progress analysis of pumped storage power ...

Nov 15, 2024 · China has completed 70.90 % of the total capacity target of 210 gigawatts for key implementation projects during the "14th Five-Year Plan". Pumped storage power stations in ...

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China's Largest Grid-Forming Energy Storage Station ...

Apr 9, 2024 · This marks the completion and operation of the largest grid-forming energy storage station in China. The photo shows the energy storage station supporting the Ningdong ...

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The First Shared Energy Storage Project of Hydropower Bureau ...

The project is located in Luhe Town, Chuxiong, Yunnan, with an installed capacity of 200 MW/400 MWh. It is the first large-scale energy storage power station in Southwest China that adopts a ...

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Energy storage project of the First Branch of the Fourth Hydropower Bureau

Xiong Minfeng, deputy head of the new energy and renewable energy bureau at the NEA, said China approved 48 pumped storage hydropower projects with an installed capacity ...

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The Fourth Hydropower Bureau won the bid for a 300,000 ...

On August 15, 2024, China Water Resources and Hydropower Fourth Engineering Bureau Co., Ltd. was officially notified of winning the bid and successfully won the PC general contracting ...

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Pumped Storage Hydropower

A number of breakthroughs in domestic PSH construction have been achieved on this project, such as the first high-speed "zero-counterweight" pumped storage unit, the first application of ...

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The largest grid type hybrid energy storage project in China

Jul 30, 2025 · Recently, China Electric Power Construction Fourth Engineering Bureau won the bid for the largest grid type (independent) hybrid energy storage project in China - Xinhua Ush ...

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Jinzhai Pumped-Storage Hydro Facility Helps Integrate Renewable Energy

Oct 17, 2024 · A Vital Resource for Renewable Energy Integration The 1.2-GW Jinzhai pumped-storage hydropower plant project will play a key role in China's journey to a stronger energy ...

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World's Largest Hybrid Pumped Storage Project Starts ...

Jan 31, 2023 · The first large-type pumped storage power station in Sichuan Province, the Lianghekou hybrid pumped storage power station faces the challenges of how to better match ...

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