

Energy storage project of the Fifth Hydropower Bureau





Overview

What is Huoshan pumped storage power station?

The 1.2GW Huoshan Pumped Storage Power Station is a critical energy storage project that will help regulate power supply fluctuations in East China. The construction will include ventilation and safety caverns, factory access tunnels, wastewater treatment systems, and sand and gravel processing units.

Which pumped storage power station is the largest in China?

In another milestone, the Fourteenth Hydropower Bureau won the bid for the civil engineering and equipment installation at the Huanglong Pumped Storage Power Station in Gansu. This massive 2,100MW facility is the largest pumped storage project in the province and a vital addition to China's clean energy strategy.

How will Hubei Nanzhang power station contribute to China's green energy transition?

On March 19, the Seventh Hydropower Bureau signed the main civil engineering construction contract for the lower reservoir and underground plant system of the Hubei Nanzhang Pumped Storage Power Station. This 1.8GW station will enhance the stability of the northwestern Hubei power grid and contribute to China's green energy transition.

What does the 7th hydropower Bureau do?

The Seventh Hydropower Bureau is tasked with constructing essential components, including the lower reservoir dam, underground powerhouse, and permanent road networks. The project will provide a crucial energy buffer for Hubei Province, ensuring a stable and sustainable electricity supply.



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HydroLink 2025-2 Pumped Storage

Pumped storage hydropower has grown rapidly over the last fifty years, first to store energy produced by thermal and nuclear stations during off-peak hours when demand is low, and ...

The Fifth Bureau of Hydropower signed a contract with ...

Mar 8, 2023 · According to reports, the Three Gorges Daofu Yari 500 MW Photovoltaic Project is the largest onshore centralized photovoltaic project under construction by the Three Gorges ...

China building more pumped-storage power stations to ...

Mar 22, 2025 · Cai Pin, a renowned Chinese expert in hydropower industry, said that pumped-storage projects enjoy numerous advantages, including a long service life, mature technology, ...

POWERCHINA signs pumped-storage power station project

May 27, 2022 · A complete set of mature technology and management systems, including energy storage site selection planning, survey and design, project construction management and ...

China's hydropower expansion gains ...

May 22, 2025 · China's hydropower expansion is a cornerstone of its clean energy strategy, playing a vital role in peak regulation, energy storage, ...

POWERCHINA signs pumped-storage power ...

May 27, 2022 · A complete set of mature technology and management systems, including energy storage site selection planning, survey and ...

Xinjiang Burqin River Basin Water New Energy Project ...

Jul 12, 2023 · Since the start of the project in August 2022, all the builders of the fifth hydropower bureau have united and taken the initiative, overcoming the complexity of power generation ...

Zhejiang Yongjia pumped storage power ...

On July 3, 2024, the access tunnel of the Zhejiang Yongjia Pumped Storage Power Station, which was constructed by the Fifth Hydropower Bureau, ...

Xinjiang Burqin River Basin Water New Energy ...

Jul 12, 2023 · Since the start of the project in August 2022, all the builders of the fifth hydropower bureau have united and taken the initiative, ...

China's mega energy storage project kicks off ...

Jul 21, 2025 · On July 19, the 500 MW / 2 GWh independent energy storage project in Huadian Xinjiang Kashgar was officially connected to the grid. ...



China's largest standalone battery storage project powers up

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China's mega energy storage project kicks off

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Zhejiang Yongjia pumped storage power station through the ...

On July 3, 2024, the access tunnel of the Zhejiang Yongjia Pumped Storage Power Station, which was constructed by the Fifth Hydropower Bureau, was fully connected, marking a decisive ...

China powers up nation's largest standalone battery storage project

4 days ago · A 500 MW/2,000 MWh standalone battery energy storage system (BESS) in Tongliao, Inner Mongolia, has begun commercial operation following a five-month construction ...

China's hydropower expansion gains momentum

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The Fifth Bureau of Hydropower signed a ...

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