

AIR ENERGY STORAGE PROJECT TENDER ANNOUNCEMENT



What is a compressed air energy storage project? A compressed air energy storage (CAES) project in Hubei, China, has come online, with 300MW/1,500MWh of capacity. The 5-hour duration project, called Hubei Yingchang, was built in two years with a total investment of CNY1.95 billion (US\$270 million) and uses abandoned salt mines in the Yingcheng area of Hubei, China's sixth-most populous province.



What is AEMO's new energy storage tender? It's the third tender to be held by AEMO Services for the state this year, and specifically sought long-duration energy storage, along with new renewable energy capacity. Together with the three storage assets, 750MW of renewables, one wind farm (400MW) and one solar PV plant (350MW) were chosen.



What is the largest energy storage procurement in China's history? The tender marks the largest energy storage procurement in China's history. In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina) is targeting an unprecedented cumulative storage capacity of 16 GWh. The bids were opened on December 4.



What happens if a supplier is shortlisted for energy storage system equipment? In the future, as specific projects are implemented and procurement needs clarified, the shortlisted suppliers will be directly invited to engage in secondary competition, either through negotiated procurement or competitive bidding, to determine the final supplier for the required energy storage system equipment.

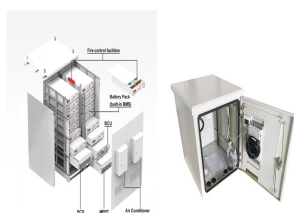


When is the 2nd Energy Storage Summit Asia? Energy-Storage.news publisher Solar Media will host the 2nd Energy Storage Summit Asia, 9-10 July 2024 in Singapore. The event will help give clarity on this nascent, yet quickly growing market, bringing together a community of credible independent generators, policymakers, banks, funds, off-takers and technology providers.

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Tenaga Nasional Bhd will kick-start a 400 megawatt-hour (MWh) battery energy storage system (BESS) pilot project in this quarter, marking Malaysia's first utility-scale battery storage project to address intermittency ???



Friday, 29 July 2022: Following a competitive and transparent bidding process, Eskom has awarded contracts to two successful bidders ??? Hyosung Heavy Industries and Pinggao Group ??? for the provision of battery storage solutions ???



Form Energy announced that it has been awarded a \$12 million grant from the New York State Energy Research and Development Authority (NYSERDA) to accelerate the deployment of a 10 megawatt / 1000 megawatt ???



The CAES project is designed to charge 498GWh of energy a year and output 319GWh of energy a year, a round-trip efficiency of 64%, but could achieve up to 70%, China Energy said. 70% would put it on par with flow ???



The project was built three to four times quicker than a pumped hydro energy storage (PHES) plant would need (6-8 years), China Energy Engineering added. CAES technology works by pressurising and funnelling air ???

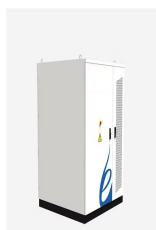
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Five energy infrastructure projects representing 750 MW of renewable energy generation and 524 MW/4,192 MWh of long-duration storage have been successful to the New South Wales government's



The announcement related to the Yingcheng project closely follows progress on another landmark compressed air project in China ??? the Jintan Salt Cavern CAES project in Changzhou, Jiangsu province. China's ???



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Huaneng Group has begun phase two of its Jintan Salt Cavern CAES project in China. It is set to become the world's largest compressed air energy storage facility with groundbreaking advancements

Rated Capacity
200kWh
Rated Energy
50kWh/100kWh
IP Grade
IP54



Saudi Arabia has launched the qualification process for the first group of battery energy storage system (BESS) projects with a total capacity of 2,000 MW/ 8,000 MWh as part of its efforts to expand renewable energy in its ???

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Hydrostor's Silver City advanced compressed air project rendering. Image: Hydrostor. Three utility-scale long-duration energy storage (LDES) projects have been selected for contract awards in a tender held on ???



Recently, PowerChina and Shanghai Giant Energy Technology Co., Ltd. formally signed the "100MW Advanced Compressed Air Energy Storage EPC General Contract Contract", and officially won the bid for the world's first air ???