

What are the energy storage power stations in Bern





Overview

Which energy storage projects have been commissioned in Switzerland?

Axpo commissioned its BESS in February this year while utility Thurplus commissioned a 3MW system in September last year. But Switzerland was the location for one of the largest energy storage projects commissioned in recent years, a 20GWh pumped hydro energy storage (PHES) unit which started operations in June 2022 in the Canton of Valais.

Is MW storage the country's largest battery storage project?

MW Storage is a developer of BESS projects which is also active in the German market, with a 100MW/200MWh project underway that it claimed is the country's largest. The inauguration ceremony for the BESS project. Image: EWS AG. EWS AG and MW Storage have expanded a battery storage project in Switzerland to 28MW, making it the country's largest.

What role does hydropower play in Switzerland's energy production?

Hydropower plays a major role in Switzerland's energy production, with a share of 57.6%. In addition, storage plants are an important factor for power production at short notice and for the changeover of production from summer to winter.

Why is Switzerland a good source of energy?

Thanks to its storage capabilities, Switzerland plays a central role as an electricity supplier in the European networks. Hydropower is our most important, CO2-free energy source. Hydropower also creates jobs and provides significant funding, most notably to mountain cantons and communes, through various charges and taxes.



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Berne energy storage project plant operation

The main objectives of this project are to lower the cost, reducing the risks and to optimize performance of high temperature (~25 to ~90°C) underground thermal energy storage ...

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About the Energy Storage Research Centre , BFH

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Large-scale hydropower

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