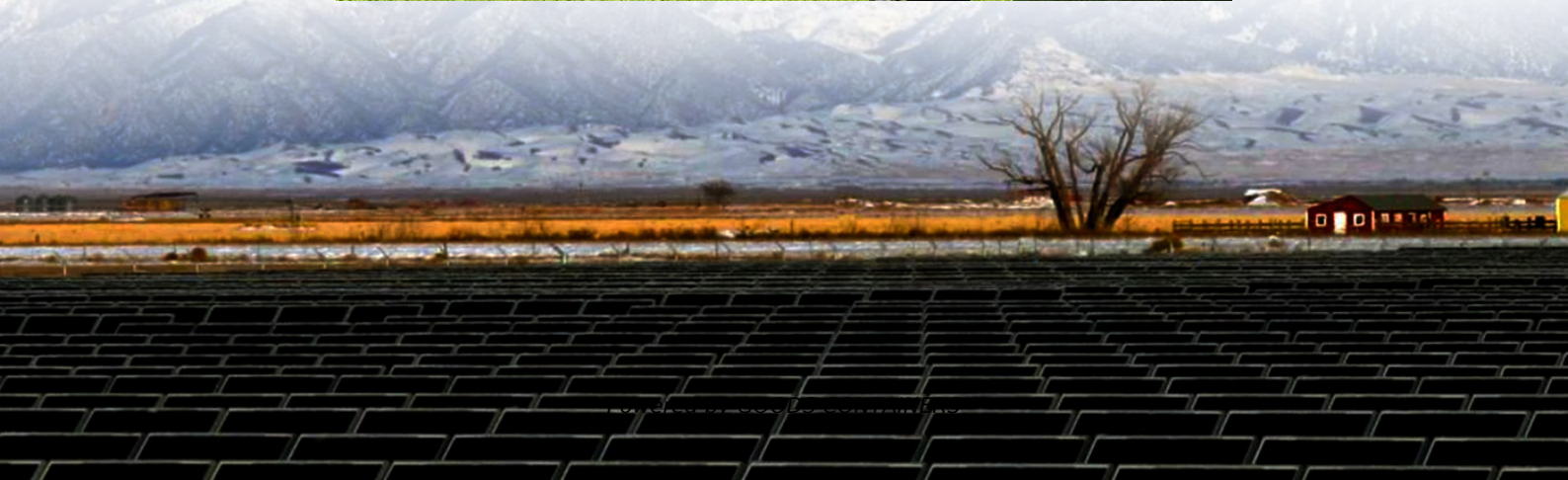


Switzerland s first energy storage power station connected to the grid





Overview

What is the future of electricity storage in Switzerland?

One important pillar of this strategy is the further development of electricity storage capacity in Switzerland. In the next years, three large-scale pumped hydro storage power plants will be connected to the grid. The first, the Limmern pumped storage plant (1 GW), should become operational in 2016.

Where is the largest battery storage system in Switzerland?

In Kappel, in the canton of Solothurn, one of the largest battery storage systems in Switzerland is currently under construction, with a total capacity of 65 megawatt-hours. The successful delivery of all system components marks a key milestone on the path to commissioning. Primeo Energie will use our storage system to provide energy flexibility.

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.

Does Switzerland's new large-scale battery support the Energy Strategy 2050?

The new large-scale battery for Switzerland in Kappel supports the Energy Strategy 2050 and supports renewable energies.



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Energy Vault deployed first energy storage installation in Switzerland

Dec 4, 2025 · At Schindler Group's global headquarters in Ebikon (Canton of Lucerne), Energy Vault has deployed an energy storage system which is operating and qualified by Swissgrid. ...



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Recently, the world's first 100 MW distributed controlled energy storage power station located in Huangtai Power Plant successfully completed the grid-connected performance test, with the ...

[Swiss start-up uses gravity to store electricity](#)

Jun 28, 2024 · The company's first commercial grid-scale project using its proprietary gravity energy storage technology in Rudong, near Shanghai, was connected to the grid in December ...



[Energy Storage Power Stations in Switzerland: Innovations, ...](#)

Sep 26, 2023 · Hydro Power 2.0: When Water Meets Lithium-Ion Traditional pumped-storage plants like Nant de Drance (a beast capable of powering 400,000 homes) now share the stage ...



[Case note Battery energy storage PCS solution for EKZ, ...](#)

Mar 15, 2024 · Battery energy storage PCS solution for EKZ, one of Switzerland's largest energy companies BESS 1 MW / 250 kWh PCS solution at the Dietikon Power Plant in Zurich, ...



[Switzerland to Launch Largest Battery Storage Facility](#)

Nov 19, 2024 · The 5,500 m² facility, located near a substation, will be connected to the national grid through a transformer station. Construction is set to begin in 2026, with operations ...



[Switzerland: EWS and MW Storage expand battery unit to ...](#)

May 29, 2024 · The project in Ingenbohl, Switzerland. Image: EWS AG. Utility EWS AG and developer MW Storage have completed the expansion of a battery energy storage system ...





[Large-scale battery for Switzerland: 65 megawatt hours of ...](#)

We're excited to take an important step in Switzerland's energy transition together with Primeo Energie. In Kappel, in the canton of Solothurn, one of the largest battery storage systems in ...



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