

## SolarTech Power Solutions

# Swiss Energy Storage Construction



## Overview

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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.

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.

How does electricity storage work in Switzerland?

Electricity storage is not separately defined in the Swiss legislative framework. The biggest obstacle for electricity companies is to obtain a construction permit and a concession for the operation of a pumped storage plant, which is granted for a maximum of 80 years.

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.

Is Bess being monetised in the Swiss electricity market?

It is being monetised in the Swiss electricity market by both CKW, part of Axpo, and utility Alpiq, the announcement said. The BESS is part of a network of power plants, consumers and batteries, it added. The large-scale BESS market in Switzerland has been relatively quiet with renewable penetration on the country's grid still relatively low.

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