

Swiss new energy storage

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.

How will a large-scale storage system help the Swiss power grid?

In this way, the system will help to stabilise the Swiss power grid. With this large-scale storage system, we are making a decisive contribution to the implementation of Switzerland's Energy Strategy 2050, which aims to convert 100 per cent of its energy supply to renewable energies by 2050.

Where in Switzerland will Primeo energy install a battery storage system?

In Kappel, in the canton of Solothurn, we will install one of the largest battery storage systems in Switzerland with a total capacity of 65 megawatt hours. Primeo Energie will use the stand-alone storage system to make energy more flexible and store electricity temporarily and withdraw it again when it is needed.

How pumped hydro storage in Switzerland is achieving net-zero emissions?

With the addition of Nant de Drance, the installed capacity of pumped hydro storage in Switzerland has jumped 35% to 3,462 MW. According to an analysis by the International Energy Agency, renewable energy, mostly solar and wind energy, will need to contribute to 90% of the global electricity generation to achieve net-zero emissions by 2050.

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.

Who owns a solar power station in Switzerland?

For example, two of the reservoirs at the Linth-Limmern Power Stations near Linthal in Switzerland are linked to a nearby solar farm. The power station is operated by the company Nant de Drance SA, which is owned by four partners: Alpiq (39%), Swiss Railways (SBB) (36%), Industriellen Werke Basel (15%) and Swiss hydroelectricity producer FMV (10%).

Primeo Energie will use our storage system to provide energy flexibility. The battery stores surplus electricity from renewable sources and feeds it back into the grid as needed. In this way, ...

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