

Swiss grid-side energy storage power station





Overview

Will large-scale battery storage help stabilize the power grid in 2050?

The country is pursuing the goal of transitioning its energy supply entirely to renewable sources by 2050. “Large-scale battery storage systems will play an increasingly important role in stabilizing the power grid in the future.” — Frederik Süllwald, Head of Global Sales & Key Account Management, INTILION.

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?

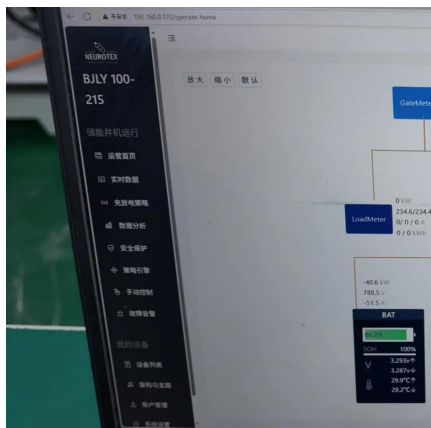
Axpo commissioned its BESS in February this year while utility Thurplus commissioned a 3MW system in September last year. But Switzerland was the location for one of the largest energy storage projects commissioned in recent years, a 20GWh pumped hydro energy storage (PHES) unit which started operations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

Will large-scale battery storage systems help stabilize the power grid?

“Large-scale battery storage systems will play an increasingly important role in stabilizing the power grid in the future.” — Frederik Süllwald, Head of Global Sales & Key Account Management, INTILION Our stand-alone storage system will help to



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One way of ensuring continuous and sufficient access to electricity is to store energy when it is in surplus and feed it into the grid when there is an extra need for electricity. EES ...

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[The FMHL+ pumped-storage project, Projects, Gruner AG](#)

The FMHL+ PSP stabilizes the grid by storing solar and wind energy as hydraulic power, boosting capacity to 420 MW for flexible electricity supply.

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

With this large-scale storage system, we are making an important contribution to implementing Switzerland's Energy Strategy 2050. The country is pursuing the goal of transitioning its energy supply entirely to ...



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Switzerland has been relying on pumped storage to release power on the grid when needed for decades, and laws have been tailored to support this technology. The trend ...

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Challenge As more and more intermittent wind and solar power generation capacity is added to the electricity grid, energy storage solutions are gaining in importance. ...

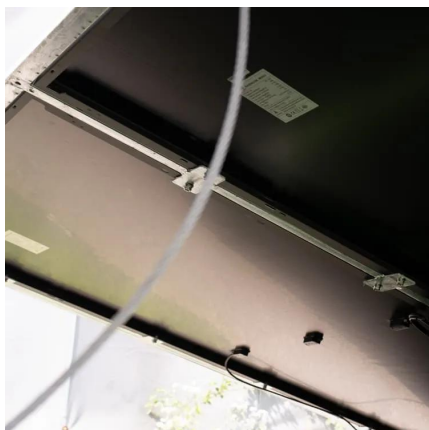
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[BESS for Swiss Energy Demonstration Project](#)

The Leclanché power plant controller controls the auxiliary system in the battery container while the overall energy management system was developed by the Distributed ...

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One way of ensuring continuous and sufficient access to electricity is to store energy when it is in surplus and feed it into the grid when there is an extra need for electricity. EES systems maximize energy ...

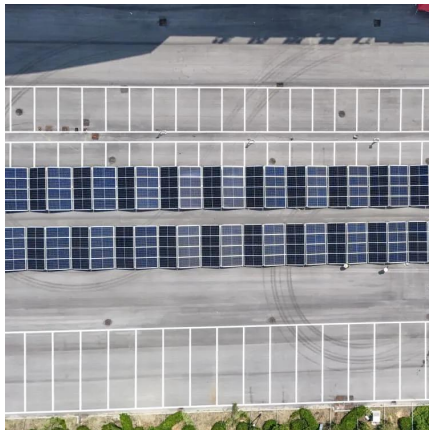
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