

Switzerland promotes energy storage industry chain with projects



Overview

With its hydroelectric power plants in the Alps and innovative battery projects, Switzerland is contributing to the search for solutions for the efficient, long-term storage of electricity. How to quantify the storage demand?

Optimise the energy system operation based on hourly demand / production. ETH Zurich and EPFL want to work with partners from politics, science and industry to push innovative storage and transport solutions for renewable energy carriers. The overall goal is to create a climate-neutral and flexible energy system for Switzerland. Around 20 partners and industrial. Based on current scientific knowledge, leading Swiss researchers consider that where large amounts of energy need to be stored for the medium to long-term, technologies such as compressed air and pumped hydro storage as well as power-to-X systems are favoured in terms of performance. The companies inaugurated the newly expanded project last week in a ceremony last week (24 May), which adds 8MW.



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Nevertheless, Switzerland is certainly not turning a blind eye to more recent supplementary technologies, considering the shifts in power production. Public funds are being

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Switzerland promotes energy storage industry chain with projects

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: the rise of utility-scale energy storage technologies

Public funds are being invested in a wide range of projects, and the industry (from major power producers to startups) is dedicating large teams to develop their own storage solutions.

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Switzerland: EWS and MW Storage expand battery unit to 28MW

Utility EWS AG and developer MW Storage have completed the expansion of a battery energy storage system (BESS) project in Switzerland from 20MW to 28MW, making it the country's

Switzerland's innovative solutions for batteries and

With its hydroelectric power plants in the Alps and innovative battery projects, Switzerland is contributing to the search for solutions for the efficient,

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Additionally, global economic conditions, supply chain dynamics, and geopolitical developments could introduce new risks or opportunities for market participants. Overall,

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In November 2023, the developer Kyon Energy received approval to build a new large-scale battery storage project in the town of Alfeld in Lower Saxony, Germany. At the same time, German

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ETH Zurich and EPFL launch a green energy coalition

ETH Zurich and EPFL want to work with partners from politics, science and industry to push innovative storage and transport solutions for renewable energy carriers. The overall goal is to

Switzerland's innovative solutions for batteries and

From Alpine pumped-storage plants to advanced battery systems, Switzerland is pioneering solutions to store renewable energy for the future

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Energy – Group for Sustainability and Technology | ETH Zurich

With a special focus on energy modelling, the group has been involved in a plethora of Swiss and international projects of energy-related policy issues such as retrofitting buildings, enabling system

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Switzerland's new €2 billion energy storage initiative isn't just another infrastructure project - it's a moonshot combining hydropower tradition with cutting-edge tech.

Accelerating the transition to sustainable energy

CGES is a coalition for green energy and storage in Switzerland, bringing together stakeholders from businesses, associations, academia, and public entities, in

Switzerland Energy Storage System Market (2025-2031) | Competition ...

The Switzerland energy storage system market is experiencing significant growth driven by factors such as increasing renewable energy integration, grid stability requirements, and government incentives

Inside Switzerland's giant underground battery project set to transform ...

Switzerland is building one of the world's largest underground batteries, a massive energy storage project designed to support renewable power, strengthen grid stability and help meet

Which energy storage does Switzerland need in the future?

Which energy storage does Switzerland need in the future? What do we mean with “need”? Exploitation of storage depends on storage capacity / power, but also on cost function you

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