

# Swiss Power Grid to build liquid flow energy storage power station



## Overview

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The 'FlexBase' project aims to stabilize the Swiss and European grids by storing renewable energy. A Swiss firm is constructing the world's most powerful redox-flow battery in Laufenburg, Aargau. The battery installation is housed in a 27-metre-deep pit, longer than two football.

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### Switzerland

While learning one of the other national languages at school is important, most Swiss learn English to communicate with Swiss speakers of other languages, as it is perceived as a neutral means of

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Switzerland, federated country of central Europe. Switzerland's administrative capital is Bern, while Lausanne serves as its judicial center. Switzerland's small size-its total area is about



### [The world's largest flow battery energy](#)



## storage system

The project involves the construction of an energy storage facility with a power output of 800 MW and a capacity of 1600 MWh. These parameters are

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## Switzerland Maps & Facts

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## Swiss International Air Lines

Team SWISS GEWINNSPIEL ?? ? Wir haben Peter Bolliger Challenge 2 geschickt - und jetzt braucht er eure Hilfe. Beim Testspiel Schweiz vs. Deutschland am 27.3.2026 in Basel hat Peter eine



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## General facts

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### [Swiss developer breaks ground on 800 MW/1.6 GWh redox flow](#)

Flexbase Group has begun building what could become one of Europe's largest flow battery storage installations, breaking ground on an 800 MW/1.6 GWh redox flow system in

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### [Construction launched on 1.6-GWh flow battery in](#)

Located at the grid interconnection point on the borders of Germany, France and Switzerland, the battery will help stabilise electricity flows across

### **Swiss Power Grid Builds Liquid Flow Energy Storage Power Station A**

Switzerland is taking a bold step toward grid stability by constructing a liquid flow energy storage power station. This project addresses two critical challenges: storing excess renewable energy and



### **Switzerland to Host World's Most Powerful Redox-Flow Battery in**

A massive new battery storage system, equivalent in power to the Leibstadt nuclear plant, is being built in Laufenburg. The 'FlexBase' project aims to stabilize the Swiss and European grids by

## [Europe's Largest Flow Battery Project Launched to](#)

Construction work for the world's largest flow battery started last month at the strategic critical electrical grid interconnection point on the borders



## **FlexBase Breaks Ground on World's Largest Redox Flow Battery and**

The transformative project repurposes the former Swissgrid facility and will house the world's largest and most advanced redox flow battery storage system, forming the core of a

## [Switzerland builds world's most powerful redox-flow battery](#)

QAZAQ GREEN. A Swiss firm is constructing what it claims is the world's most powerful redox-flow battery, designed to store vast amounts of renewable energy and help stabilise both the Swiss and



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