



Distributed energy storage project in Zurich Switzerland

Regardless of the final decision, the draft highlights a growing political consensus: long-term storage is a key enabler for a resilient, renewable, and defossilized energy system in Switzerland.

The database supports studies on flexibility provision of distributed energy resources, distribution grid resilience, and national energy policy, among other topics.

The new professorship "Electrical Energy Storage Systems" seeks to develop advanced storage technologies that will enable a reliable and sustainable energy supply. On the one hand, we need ...

Switzerland's new EUR2 billion energy storage initiative isn't just another infrastructure project - it's a moonshot combining hydropower tradition with cutting-edge tech. Let's unpack why this ...

The study examines the need and role of energy storage in Switzerland for the years 2035 and 2050, aiming to analyze their contribution to the flexibility, stability, and security of the energy system.

With the Zurich Energy Storage Project 2024, the country takes another leap toward achieving its 2050 net-zero targets. This project focuses on large-scale battery storage systems designed to balance ...

Through case studies focusing on decentralized multi-energy systems (D-MES) and the Swiss electricity system, the project aims to provide evidence-based insights for policymakers and energy developers ...

For the first time, a pilot project called Alacaes is developing a new system that stores electricity in the form of compressed air in the Swiss Alps, with the support of the Swiss Energy Ministry.

Our recent publication introduces a new open dataset that addresses this gap, where future distributed energy resources (DERs) are expected to be deployed at over two million ...

This article explores cutting-edge storage solutions reshaping grid stability while addressing renewable energy intermittency - a challenge affecting solar, wind, and hydroelectric systems alike.



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