

SCHWEIZER KAPITAL GLOBAL IMPACT FUND AG is investing CHF 2 million in the Swiss start-up Green-Y Energy AG to develop a sustainable compressed air energy storage system ...

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 ...

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.

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

Compressed air reservoirs use electricity from renewable sources to compress air - this stores the energy. In an old mountain tunnel in the Ticino Alps, a group of researchers have successfully tested ...

Well, they're now making waves in energy storage. The Federal Council just launched Europe's most ambitious battery storage tender - a 900 MW capacity push to solve their Alpine energy puzzle.

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 ...

Swiss engineers are converting excess summer solar into hydrogen stored in repurposed natural gas caverns. Come winter, this becomes heating fuel - solving the seasonal mismatch that ...

In 2016 ALACAES successfully built and tested the world-wide first pilot plant of an advanced adiabatic compressed air energy storage (AA-CAES) technology.

As the Alpine glaciers slowly melt away, Switzerland will have the opportunity to build new dams and artificial lakes in the mountains. This will increase energy storage capacity in the Alps,...

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