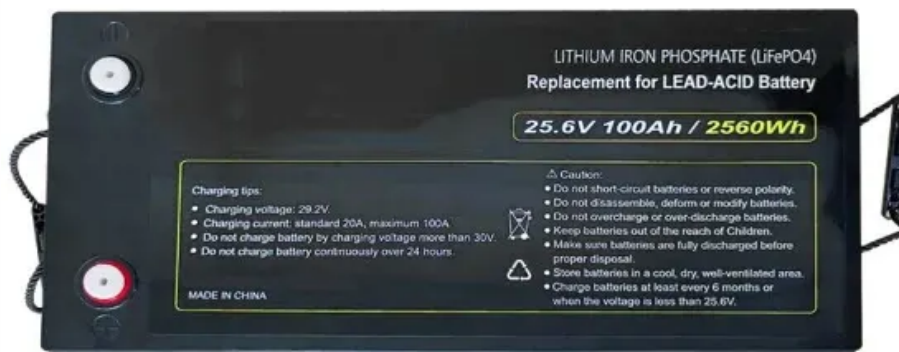


## SolarInvert Energy Solutions

# The latest Swiss wind power and energy storage policy



## Overview

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What are Switzerland's new energy regulations?

Switzerland is expanding rules for rooftop solar, energy storage, and energy communities to expand self-consumption and ease pressure on the grid. The new regulations, set to take effect in 2026, introduce updated tariffs, encourage battery storage, and allow local electricity trading.

What is the Swiss Federal Act on a secure electricity supply?

The Swiss Federal Council has adopted a second set of ordinances to implement the Federal Act on a Secure Electricity Supply from Renewable Energy Sources. The new regulations, set to take effect on Jan. 1, 2026, cover energy communities and minimum remuneration.

How will new solar regulations affect Switzerland's electricity grid?

“The new regulations encourage the temporary storage of solar production peaks, which helps relieve the electricity grids,” said Swissolar. Switzerland installed approximately 1.78 GW of new PV capacity in 2024, according to provisional figures from Swissolar.

Why does Switzerland need a secure electricity supply?

The demand for electricity in Switzerland has also grown, for example in industry, and also for electric vehicles and heat pumps. To ensure the security of the supply, Parliament has therefore passed the Federal Act on a Secure Electricity Supply from Renewable Energies. A referendum has been sought against this legislation.

What does the new energy bill mean for Switzerland?

The bill lays the foundations for a rapid expansion of Switzerland's energy production from renewable sources such as hydropower, solar, wind and biomass. This will lessen the country's dependence on energy imports and reduce the risk of critical supply situations.

What is Switzerland doing with pumped-storage hydropower?

The government is developing new pumped-storage hydropower facilities, which act as massive “batteries” by storing excess electricity for later use. Switzerland is rapidly scaling up solar energy, with new laws requiring solar panels on all new buildings.

## The latest Swiss wind power and energy storage policy

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### Electricity and heat on demand , ETH Zurich

Sep 29, 2022 · To meet increased energy demand, Switzerland will primarily rely on hydro and photovoltaic energy sources and, to a lesser extent, wind power. ...

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## Why wind energy is indispensable , Axpo

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out of nuclear energy and increasing electrification, the demand for electricity is ...

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Jan 14, 2025 · Researchers from ETH

Zurich and ZHAW Winterthur are simulating in a new study how the future Swiss power system could be ...

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Nov 17, 2023 · Up to 2050, Swiss electricity supply will be sourced by hydropower and renewable energy, temporarily supplemented by electricity imports. Increase in total consumption ...

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## Interdisciplinary assessment of renewable, nuclear and fossil power

Nov 1, 2016 · Swiss electricity generation is based on hydro and nuclear power, but current energy policy includes the nuclear phase-out by about 2035. This may lead to higher CO<sub>2</sub> ...

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## More grid stability thanks to energy storage

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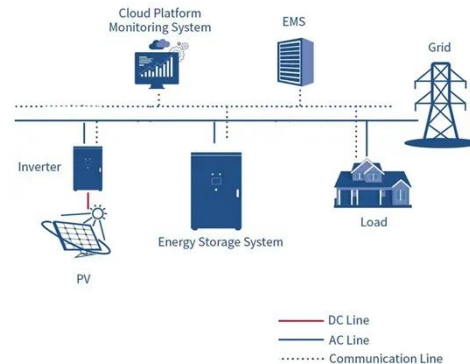
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## Federal act on a secure electricity supply

The Federal Act on a Secure Electricity Supply from Renewable Energy Sources

was approved by Parliament in autumn 2023. The bill lays the foundations for a rapid expansion of ...

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## Demand for home solar energy storage rising in Switzerland

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strategy to support the rising popularity of home solar-plus-battery systems in the country.

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## White Paper Wind energy in Switzerland: its role and ...

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## The Swiss energy transition: Policies to address the Energy

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## Switzerland Expands Rules for Rooftop Solar, Storage, Energy

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## Energy storage innovation in Switzerland: a ...

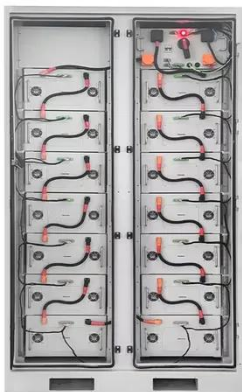
Aug 10, 2016 · For the first time, a pilot project called Alacaes is developing a new system that stores electricity in the form of compressed air in the Swiss Alps,

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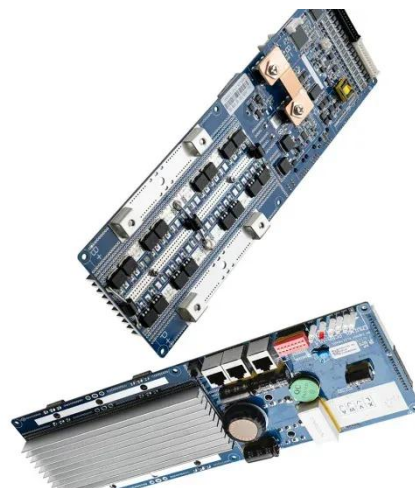
Feb 9, 2024 · The potential of wind power in Switzerland is theoretically nearly 30 terawatt-hours (TWh) per year according to the Swiss Federal Office of Energy (SFOE). If only 30 per cent of ...

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## Energy storage regulation in Switzerland , CMS Expert Guides

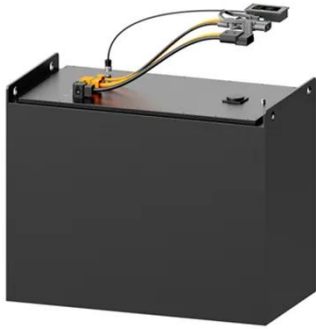
Apr 24, 2018 · Are you looking for information on energy storage regulation in Switzerland? This CMS Expert Guide provides you with everything you need to know.

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Feb 1, 2022 · The volumetric energy storage density in a hydroelectric power



plant is 1.1 kWh·m<sup>-3</sup>, and a storage lake volume of 16.3 km<sup>3</sup> could store 18 TWh, two times the total ...

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## Embracing wind power in the solar PV-dominated Swiss ...

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## Rising Demand for Home Solar Storage in Switzerland

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