

Switzerland invests in solar energy storage





Overview

Trade body Swissolar has called for a national energy storage strategy to support the rising popularity of home solar-plus-battery systems in the country. In Switzerland, roughly every second residential photovoltaic system is installed together with a battery energy storage system (BESS).

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Switzerland’s home solar energy storage market is experiencing rapid growth, fueled by federal incentives, regional subsidies, and a strong national commitment to sustainability. As electricity prices rise and the nation pushes towards renewable energy, more homeowners are opting to invest in solar.

In Switzerland, approximately half of all residential photovoltaic (PV) systems are now paired with battery energy storage systems (BESS), reflecting a growing trend toward energy self-sufficiency and optimized solar power use. Swissolar, an industry association, released its first storage market. How much does solar energy cost in Switzerland?

In Switzerland, the price paid for solar energy added to the grid varies widely, ranging from less than 4 cents to as high as 21.75 cents per kWh in 2022 in one canton alone. In 2022, Switzerland derived 6% of its electricity from solar power.

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.

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.

How many solar panels did Switzerland install in 2024?

Switzerland installed approximately 1.78 GW of new PV capacity in 2024, according to provisional figures from Swissolar. This marked an increase from 1.64 GW in 2023 and 1.08 GW in 2022, making 2024 a record year for new installations.

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 can distribution system operators reduce the cost of a solar system?

Distribution system operators can now set maximum feed-in power at the connection point, reducing delays in connecting solar systems and limiting grid expansions. Solar system operators can store excess power in batteries or electric vehicles. Any imposed limitation must be compensated for if it results in more than a 3% annual yield loss.



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Switzerland expands rules for rooftop solar, storage, ...

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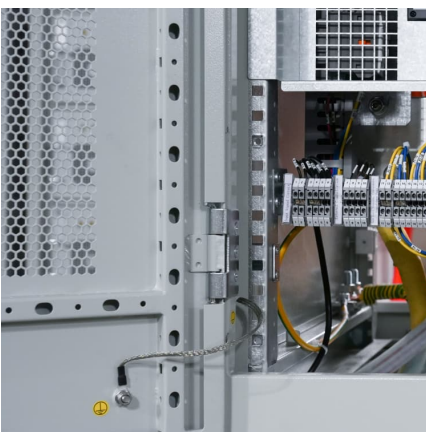
[Switzerland invests in solar energy storage](#)

As the photovoltaic (PV) industry continues to evolve, advancements in Switzerland invests in solar energy storage have become critical to optimizing the utilization of renewable energy ...



[Infrastructure fund SUSI invests big in Macquarie](#)

The 'world's first dedicated energy storage infrastructure fund' will invest in California battery energy storage projects, with Macquarie set to sell ...



European energy storage: a new multi-billion-dollar asset class

"With energy storage, there's a new and interesting asset class emerging, and the business model is fundamentally different to that



of wind and solar," says Ingmar Grebien, ...

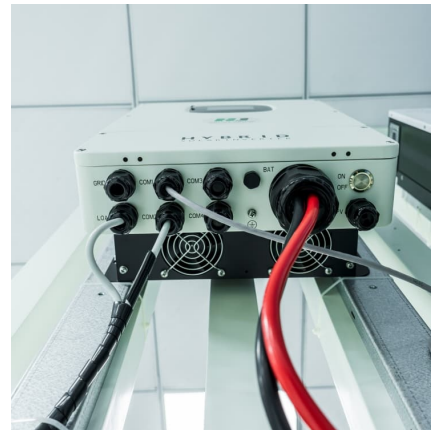


Rising demand for home solar storage in Switzerland - pv ...

Rising demand for home solar storage in Switzerland - pv magazine International Trade group Swissolar has called for a national energy storage strategy to ...

Demand for home solar energy storage rising in Switzerland

Solar energy is expected to account for around 14% of Switzerland's energy consumption this year. The trade body has called for a rapid expansion of energy storage ...



Switzerland's Energy Transition Plan Key Strategies for 2050

Switzerland's universities and research institutions are at the forefront of clean energy innovation, developing new solar panel technologies, energy storage solutions, and AI-driven energy ...



[European energy storage: a new multi-billion-dollar...](#)

"With energy storage, there's a new and interesting asset class emerging, and the business model is fundamentally different to that of wind ...



Home Solar Storage Switzerland: 5 Essential Reasons for Growth

As Switzerland advances towards its renewable energy targets, the home solar energy storage market is poised for substantial expansion, contributing significantly to the ...

Three strategies to boost green electricity in Switzerland

Switzerland's ambitious green electricity targets are realistic. A study by the SWEET EDGE consortium shows that three distinct strategies ...



Solar & Storage Live Zürich 2025

Switzerland's leading solar and energy storage exhibition is back for its highly anticipated second edition. Join over 3,000 attendees from across Switzerland as they come together to explore ...



[Swiss solutions for storing the energy of tomorrow](#)

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



Mid-year update on M& A trends in Energy , PwC Switzerland

In contrast, European M& A activity is expected to focus on wind, solar, energy storage, electric vehicle charging, and energy efficiency, with a focus on later-stage climate ...

[The Energy Storage Market in Germany](#)

ISSUE 2019 Energy storage systems are an integral part of Germany's Energiewende ("Energy Transition") project. While the demand for energy storage is growing across Europe, Germany ...



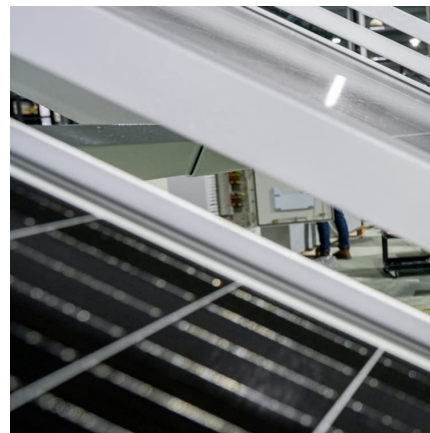


ROUNDUP: Projects and deals in European energy storage market

A trio of European energy storage news stories, including battery storage projects in Germany and Switzerland from RWE and Hitachi Energy.

[Switzerland Energy Storage System Market \(2025-2031\)](#)

Key players in the Switzerland energy storage system market include ABB, LeclanchÃ©, and Siemens, among others, who are actively investing in research and development to offer ...



[7 Energy Storage Stocks to Invest In , Investing . U.S.](#)

The same is true for solar power and related next-gen battery technology. Energy storage systems are increasingly in demand to increase ...



Switzerland Solar Energy and Battery Storage Market (2025-2031)

Switzerland Solar Energy And Battery Storage Market Investment Opportunities The Switzerland solar energy and battery storage market present promising investment opportunities due to the ...



Sustainable investment in renewable energies

Cooperating shoulder-to-shoulder with our partners, we jointly play our part in shaping the energy transition. In the meantime, we have achieved sustainable ...



Rising Demand for Home Solar Storage in Switzerland

The surge in battery storage adoption is supported by Switzerland's favorable market conditions, including technological advancements and consumer demand for cost ...



Saudi Aramco Energy Ventures invests in renewable energy storage

Swiss-based, global energy storage company specialising in gravity and kinetic energy based, long-duration energy storage products, Energy Vault, announced a new ...





Solar Energy

In Switzerland, electricity generation in the Solar Energy market is projected to reach 4.91bn kWh in 2025. The market is anticipated to experience an annual growth rate of 8.99%, reflecting a



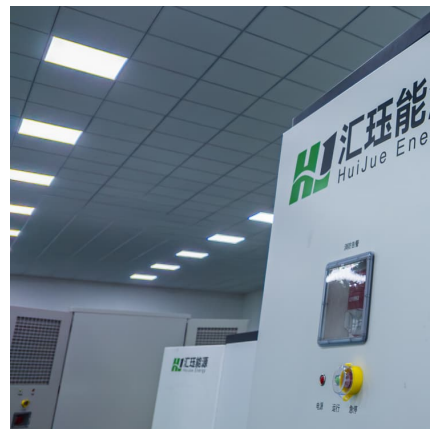
US company to deliver 100-MWp solar project plus storage in ...

Uganda's government has approved the development of a 100-MWp solar power plant with 250 MWh of battery energy storage to be delivered by Energy America, a US-based ...



[Switzerland Solar Market Report 2025](#)

Switzerland's solar energy sector has experienced exponential growth, with capacity leaping from 0.1 GW in 2010 to 6.8 GW in 2024. This report unpacks the government ...



Rising demand for home solar energy storage in Switzerland

Swiss trade association Swissolar has urged the development of a national energy storage strategy to support the growing adoption of home solar-plus-battery systems ...



STORAGE SYSTEMS

Energy Storage Systems (ESS), typically in the form of battery storage, allow you to store surplus electricity generated by your solar panels during the day. This stored energy can then be used ...



[Mid-year update on M& A trends in Energy , PwC](#)

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