

How much does the energy system cost in Switzerland?

In CLI, the per capita energy system cost rises to around 5900 CHF 2019 in 2030 and 8500 CHF 2019 in 2050. Hence, the increase in energy system cost due to the decarbonisation of the Swiss energy system starts at about 200 CHF 2019 /capita and reaches 1500 CHF 2019 /capita in 2050.

What is the Swiss energy strategy?

First, the Swiss energy strategy 6 aims to gradually phase out existing nuclear power (safety is the sole criterion for the phase-out time) that supplies 36% of the electricity today. This entails an energy security challenge 7, also confronted by many countries aiming at decommissioning strategic energy supply assets 8.

How much energy will Switzerland need in 2035?

It sets a target of 35 TWh/year from new green technologies (solar, wind, wood and biogas) by 2035, compared with the level of around 6 TWh/year in 2022. This target would represent around half of Switzerland's electricity demand that could be expected in 2035. The other half would be met by hydroelectric power and imports.

Is Switzerland able to store energy?

The global challenge is not only to produce more energy from renewable sources, but also to be able to store it. 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 electricity.

Are Switzerland's green electricity targets realistic?

Climate neutrality and nuclear phase-out: Switzerland's ambitious green electricity targets are realistic if the electricity supply is profoundly and rapidly transformed, as a study by the SWEET EDGE consortium shows. The researchers developed three strategies for expanding renewable energies.

Can the Swiss energy system be carbon-free?

These mostly referred to the technical feasibility of transforming the Swiss energy system to a carbon-free energy supply and use and its economic implications regarding energy system costs and required investments in energy infrastructure.

We are a Swiss company that offers customised, environmentally friendly energy solutions. We make sustainable energy and mobility accessible throughout Switzerland. This is how we can ...

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Switzerland 3 energy solutions

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CEIS 3 is a joint initiative between Swiss Life AM and the Swiss bank, and it will invest in companies and projects in the areas of energy production (e.g., biomass, hydropower, solar thermal energy and photovoltaics), energy efficiency and supply infrastructure, which are usually not listed.

The conclusion of our report is clear: transforming Switzerland's energy system to reach net zero is technically feasible and can be achieved at a reasonable cost (possibly even with cost savings according to some calculations) provided that Switzerland rapidly expands renewable electricity generation and maintains the ability to efficiently ...

We are a Swiss company that offers customised, environmentally friendly energy solutions. We make sustainable energy and mobility accessible throughout Switzerland. This is how we can start the energy future today.

We provide world-class solutions across Switzerland - giving businesses the tools they need to save energy and make their buildings truly smart. These forward-thinking brands have worked with our partner network on their journey to net carbon zero.

UBS Clean Energy Infrastructure Switzerland 3 is an infrastructure core fund co-managed by UBS Group and Swiss Life Asset Management. The fund is located in Zurich, Switzerland, and invests in Switzerland.

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