

Power consumption of solar power generation by Swiss solar container communication stations





Overview

How much solar power can a Swiss house generate?

According to a recent study by the Swiss Federal Office of Energy (SFOE) based on data from a solar potential cadastre (sonnendach.ch) and meteorological data, Swiss houses and factories could generate up to 67 TWh of photovoltaic power per year (current power consumption is around 60 TWh).

How much electricity does Switzerland use?

Despite the high proportion of low-carbon electricity, Switzerland's overall electricity consumption has seen a decline compared to historical levels. In 2025, the country's electricity consumption was around 7873 kWh per person, which is noticeably lower than the peak of 10024 kWh per person recorded in 2001.

How does Switzerland's energy system work?

Switzerland's current energy system is based on electricity production that usually takes place in large power plant blocks. This energy is initially transported within the transmission system, before being distributed through the various grid levels to consumers.

How often is the electricity data published in Switzerland?

The data is published continuously in the following charts and monthly in the «Energy Overview Switzerland». The data are reliable from 6 months onwards, until then the partners from the electricity sector who provide Swissgrid with the data can still claim changes. This chart shows the volume of electrical energy produced in Switzerland.



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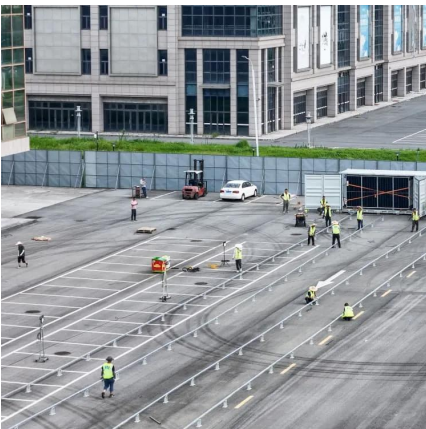
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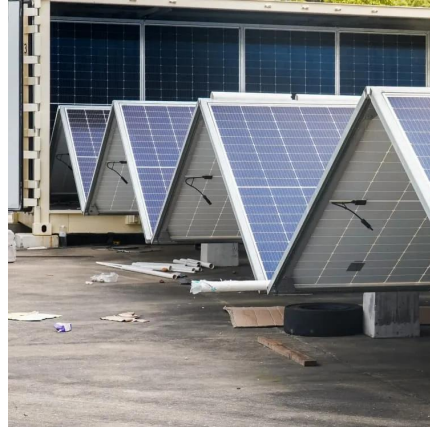




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