

What is the electricity mix in Switzerland?

The Swiss electricity mix varies from year to year, depending on the availability of different forms of production. Basically, around 60 percent comes from hydropower, around 30 percent from nuclear power and around 10 percent from new renewable energies. PV has been increasing for several years, while growth in wind power remains modest.

Does Switzerland produce electricity?

Over the year as a whole, Switzerland usually produces enough electricity to cover domestic consumption and can therefore export electricity. However, electricity production is particularly high in the summer, whereas in the winter in most years Switzerland is dependent on imports.

How many electricity supply companies are there in Switzerland?

The electricity supply to Swiss end customers is ensured by some 630 electricity supply companies. Many of the municipal utilities are also responsible for supplying their customers with water and gas.

How much electricity does Switzerland export?

Overall, Switzerland exports 7.6 TWh and imports 6.8 TWh; but, in terms of emissions of carbon dioxide, Switzerland exports "clean" electricity causing emissions of 0.1 million tonnes of CO<sub>2</sub> and imports "dirty" electricity causing emissions of 5 million tonnes of CO<sub>2</sub>.

How many nuclear power plants are there in Switzerland?

There are four nuclear power plants, with a total of five operational reactors. In 2013, they produced 24.8 terawatt-hours (TWh) of electricity. Nuclear power accounted for 36.4% of the nation's gross electricity generation of 68.3 TWh. In addition, there are a number of research reactors in Switzerland, one of them at the EPFL.

How much power does Switzerland have?

In 2020, Switzerland's total installed capacity was 22.9 GW, surpassing the peak load of 9.6 GW. Hydropower comprised 68% of this capacity, though its yearly production is limited by storage capacity and water availability.



# Swiss outdoor power supply production factory

Web: <https://edukacja-aktywna.pl>

