

What can I See in Sweden's energy system - an overview?

In "Sweden's Energy System - An Overview", you can follow energy flows and key figures over time. Official statistics are combined with forecast data, making it possible to compare historical trends, the current situation and future projections in the same charts and indicator views.

What is Sweden's energy system - an overview?

With "Sweden's Energy System - An Overview", we aim to show how everything is connected - from the supply of energy sources to how energy is transformed and used in everyday life. Here, you'll find a comprehensive overview of how energy flows through society, how much is produced, and how it is consumed.

What percentage of Sweden's electricity comes from low-carbon sources?

99% of Sweden's electricity was generated from low-carbon sources in 2024, above the global average of 41%. It was the 31st largest country by electricity demand. Sweden's largest source of clean electricity is hydro (38%). Its share of wind and solar (26%) is above the global average (15%).

Does Sweden have a strong power sector?

Sweden's power sector emissions fell slightly in the last two decades from an already low level. In the last decade, the share of wind power in the electricity mix has grown from 7% in 2014 to 24% in 2024, making the country more resilient to changes in hydropower output, as well as increasing exports of clean power to the rest of Europe.

Sweden's electricity market is expanding, and will continue growing in the coming years to facilitate the energy transition. Sweden is also experiencing a shortage of skilled labor.

Sweden is leading the way towards a low-carbon economy. The country has the second-lowest CO2 emissions per capita among the IEA member countries. In part, this follows on from ...

Sweden's electricity mix includes 43% Hydropower, 27% Nuclear and 25% Wind. Low-carbon generation peaked in 2001.

The fact that electricity prices have also risen in Norrland over the past month is partly explained by the new electricity cable between northern Sweden and Finland. Swedish-produced ...

Electricity trade in Sweden is deregulated. As a customer you can decide from who you want to buy your electricity. Electricity distribution, however, takes place via the electricity network ...

Discover all statistics and data on Electricity in Sweden now on statista !

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Track real-time and historical electricity data worldwide -- see production mix, CO2 emissions, prices, cross-border exports, and much more.

These figures are based on primary energy consumption, given by the "substitution method". See our explainer on the different metrics used to measure energy for more information. How much energy ...

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