KREATYWNY ENERGY POLSKA

Finland green electricity

Overview

In 2021, renewables covered 53% of heating and cooling, 39% of electricity generation, and 20% of the transport sector. By 2020, this growth positioned Finland as having the third highest share of renewables in TFEC among International Energy Agency (IEA) member countries. Renewable energy in Finland increased from 34% of the total final energy. In 2025, Finland made remarkable strides in transforming its electricity sector, with almost 90% of its electricity now sourced from low-carbon technologies. Total electricity production in Finland. A major. icularly in Energy Equity score.

Finland green electricity

What's up with clean energy in Finland?

Already, nearly 95% of its electricity comes from carbon-neutral sources, led by nuclear power. In 2023, Finland opened its fifth nuclear power plant; nuclear now provides close to 40% of ...

Power system

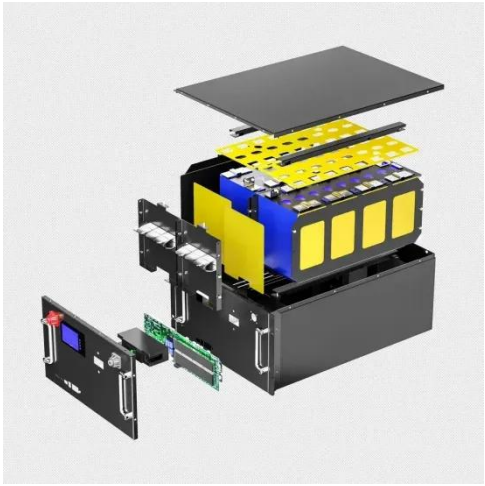
Fingrid provides information on Finland's power system, including electricity generation, consumption, and transmission to ensure a reliable and efficient energy supply.

Finland Electricity Generation Mix 2025 , Low-Carbon ...

Finland's electricity mix includes 36% Nuclear, 25% Wind and 14% Hydropower. Low-carbon generation reached a record high in 2025.

Energy production

The strength of Finland's energy production has long been the diversity of its production mix - both in electricity and heat production. It should remain so even after fossil fuels are phased out. The energy ...



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ficiency across various sectors. In recent years, Finland's energy landscape has shifted significantly, moving away from coal and other fossil fuels and increasing its reliance on renewables, nuclear power,

Altogether 95 per cent of Finland's electricity production was based on

According to Statistics Finland's preliminary data, 95 per cent of Finland's electricity production in 2024 came from fossil-free energy sources, that is, nuclear, wind, hydro and solar ...

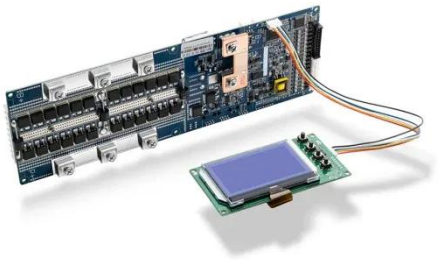
Renewable energy in Finland

Renewable energy in Finland increased from 34% of the total final energy consumption (TFEC) in 2011 to 48% by

the end of 2021, primarily driven by bioenergy (38%), hydroelectric power (6.1%), and ...

Renewable energy

The most important forms of renewable energy used in Finland are bioenergy, fuels from forest industry side streams and other wood-based fuels in particular, hydropower, wind power and ground heat.



Renewable Energy 2025

The most significant sources of renewable electricity production in Finland are wind power, hydropower and wood-based biofuels, with solar power increasing rapidly as well.

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