

Why should you choose solar Finland?

Solar Finland and its subsidiaries with strong long-term background are experts in all aspects of solar energy. Our extensive know-how and experience of over 40 years make it possible to develop in different areas making our products and services competitive in the solar energy markets both domestically and abroad.

What is solar energy used for in Finland?

Solar energy in Finland is used primarily for water heating and by the use of photovoltaics to generate electricity. As a northern country, summer days are long and winter days are short. Above the Arctic Circle, the sun does not rise some days in winter, and does not set some days in the summer.

Is Finland a good place for solar energy?

Despite the dark and cold winter months, Finland surprisingly has a lot of potential as a location for solar power. Since solar energy production is based on the amount of light rather than heat, Finland can produce even more solar energy in summer than Central Europe can.

Will solar power grow in Finland?

Solar power is experiencing huge growth worldwide. In Finland, solar power capacity will already surpass the gigawatt mark this year. What's behind the boom, and what are solar energy's chances for success in the Nordics?

Why does Finland produce more solar energy in summer?

Since solar energy production is based on the amount of light rather than heat, Finland can produce even more solar energy in summer than Central Europe can. In southern Finland, which also has the advantage of a robust electricity grid, the annual production of solar energy is as high as in northern Germany, for example.

How much solar power will be installed in Finland in 2025?

The solar power industry's umbrella organisation SolarPower Europe estimates that at least one gigawatt of solar power will be installed in Finland every year from 2025 onward. We at Fortum are also aiming to develop solar power in Finland and elsewhere in the Nordics. Planning of the first projects is already underway in Finland and Sweden.

Solar power generation forecasts are based on weather forecasts, estimation of the total installed solar panel capacity and the estimated locations of the panels in Finland. Fingrid has estimated the installed capacity by using installation statistics published annually by Finnish Energy Authority's that it receives from the distribution system ...

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Finland is one of the avid users of solar-powered energy for different purposes. In this write-up, we share the biggest solar projects and farms in Finland. Kivikko Solar plant. The photovoltaic plant in the Helsinki district of Kivikko within Finland has about 3,000 solar panels.

At an annual level, however, Finland gets roughly as much sunshine as countries such as Germany or Denmark. However, Germany produces 110 times more solar electricity than Finland, Denmark five times ...

At the Solarplaza Summit Finland: Solar & Storage, you'll be able to gain crucial insights into the Finnish PV market and establish connections with both key local and international players, including representatives from prolific IPPs, project ...

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For more than four decades we have been creating solutions that have helped in decreasing the use of conventional energy sources. With years of research and development we have created numerous sophisticated technologies that have made it possible for us to open the world's first fully automated solar panel factory in Salo Finland.

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Olana Energy is a renewable energy company that develops and builds solar power plants and energy storage facilities. Olana Energy in numbers Our project development aligns with the requirements of the Finnish energy system while prioritizing environmental concerns.

The Finnish Energy Authority states that in 2022, solar power production amounted to nearly 635 megawatts - more than a 240 megawatt increase compared to the previous year. Finland still produces fairly little solar electricity compared to leading European countries. The Netherlands, in contrast, produce over seven times more per capita.

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