



WALMER ENERGY

All in one solar power system in Finland





Overview

How will a hybrid energy system work in Finland?

In Finland, a number of hybrid projects are in the pipeline, combining wind, solar and also energy storage. These solutions will balance our energy system. On a global scale, solar power is one of the fastest growing forms of energy generation – its size and importance in the world's energy mix is huge, larger than wind power.

What is the future of energy in Finland?

The energy transition is increasing the need for renewable forms of energy, as fossil fuels need to be replaced cost-effectively. The spotlight is now on wind and solar power, which still have plenty of growth potential. Wind power currently accounts for 20 per cent of Finland's electricity consumption, while solar power makes up just one per cent.

Is solar power a real thing in Finland?

Many Finns are already familiar with solar power: solar panels can be found on the roofs of many homes, summer cottages and workplaces. As technology develops, industrial-scale solar power production is also becoming more common in Finland. Finland is undergoing a major energy transition.

Does Finland need wind power?

In addition to wind power, we also need plenty of solar energy, for which Finland has excellent prospects. Solar power is particularly well suited as a counterpart to wind power. These two emission-free energy sources complement each other: solar energy is available in summer and during the day, while the highest winds occur on average in winter.



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Solar energy and solar electricity in Finland

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Top 62 Solar Power Companies in Finland (2025) , ensun

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