

Why is solar important in Jersey?

Solar is a vital component of modern homes in Jersey, contributing to the state's renewable energy and energy management. For those focused on the bottom line, solar serves as a safeguard against rising grid electricity costs.

Is New Jersey a good place to install solar PV?

New Jersey is a national leader with regards to installed solar PV capacity, with more than 4.9 gigawatts (GW) from 200,000 individual solar PV installations. New Jersey has an interactive Solar PV dashboard that provides a summary of solar PV installations in New Jersey's counties.

How does a solar inverter work?

This direct current (DC) must be converted to alternating current (AC) by a device called an inverter, allowing that AC electricity to power your home and maintain connection to the local utility grid for when the solar system is not producing enough power, such as at night or during cloudy weather.

Who is SolarEdge?

SolarEdge is an industry leader and is at the core of SunWorks' product offering. SunWorks is the only trusted installer located in Jersey listed on the SolarEdge website. Find out more about SolarEdge and their unique, cutting-edge solar technology.

Is New Jersey a good place to sit solar?

New Jersey is number two in the United States in installed solar PV capacity per square mile, therefore this Solar Siting Analysis Version 3.0 is timely as it provides the DEP, local communities and potential solar developers with state-level guidance on siting solar PV projects.

Why should you invest in solar energy in New Jersey?

The growth of solar energy in New Jersey has created thousands of jobs in sales, installation, manufacturing, and financing. By investing in solar, you're also investing in a new job market, supporting your local economy.

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It also means you can export your surplus solar power to Jersey Electricity and can be used by your

neighbours. If you are worried about energy security it is better to install a system that will provide battery back-up for your property if the power does fail.

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Turn your home into an energy saving asset with Solar PV Technology. Solar Photovoltaic (PV) provides extra on-site electricity, ensuring your regular connection to the power grid. Daylight powers your panels, offsetting grid electricity purchases, saving you money.

Jersey Electricity is currently looking at ways to encourage more islanders to put solar panels on their roofs - but the company says its key focus is on building commercial and ground-based arrays. The company, which is majority owned by taxpayers, has bought back electricity for more than a decade from households that have solar panels.

A typical home solar PV system could save over a tonne and a half of carbon dioxide per year - that's more than 30 tonnes over its lifetime. Cost and savings in the Channel Islands A 4kWp system can generate around 4,000 kilowatt hours of electricity a year in the Channel Islands.

Hybrid solar inverters help your solar panels work better. They can switch between solar power, battery power, and the grid to give you the most efficient energy use. When it is sunny, the inverter directs the solar power to your home. When there is extra power, it stores it in batteries. At night or on cloudy days, the stored energy powers ...

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