

Could solar panels save guernsey's 'mouth-watering' economy?

Jack Fletcher, from Renew Guernsey, told ITV News that widespread solar panel installation across Guernsey could not only produce greener energy, reducing the island's carbon footprint, but could also bring 'mouth-watering' economic benefits to the island.

Does Guernsey Electricity charge a monthly charge?

Where Guernsey Electricity is required to provide a standby electricity service for 'behind the meter' non-renewable energy installations (including CHP) with generation capacity in excess of 25kW, a monthly charge will be applied. For every kW of installed capacity, we charge the standby rate.

What is the maximum resale price for electricity in Guernsey?

Guernsey Electricity Limited, in accordance with section 23 (2) (b) of the Electricity (Guernsey) Law 2001, hereby gives notices that the maximum resale price at which electricity can be resold by persons to whom it is supplied is *25 pence per unit. What Is A Tariff? Put simply, a tariff calculates your bill.

Will Guernsey have a standby charge?

Charges for large scale renewable energy set ups in Guernsey are being scrapped. Standby charges currently only apply where the installed power-generation capacity is above 25kW - the equivalent of about 75 standard solar panels. From 1 April any size of renewable energy installation will not have to pay a standing charge.

Is there a waiting list for solar panels in Guernsey?

Guernsey firms say there is now a six-month waiting list to have solar panels installed. Credit: ITV Channel Guernsey is seeing an increase in demand for solar panels to be installed on houses with homeowners looking for cheaper energy alternatives. There is now a six-month waiting list for islanders to have panels installed on their homes.

What if there were solar panels everywhere and batteries everywhere?

Mr Fletcher said: 'If there were panels everywhere and batteries everywhere, the economic benefit would be absolutely profound. 'When you look at the figures, they're absolutely mouth-watering [in terms of] what the island could save in the next 30, 40, 50 years. 'It's a way to solve the economic situation we're currently in.'

Batteries can store energy for when the sun isn't shining or supply exceeds demand. The scale required to give security of supply for our Island is large and costly. For example, in the Winter, it would take around 10 days to recharge the batteries using solar and these would only provide enough electricity for 24 hours.

Pathway A is described as the most expensive at about £1.9bn and includes maintaining the current

cable to France, via Jersey and improving the diesel generators at Guernsey Electricity's power...

The report estimates that Guernsey currently has installed two megawatts of solar PV and one MW of battery energy storage, and this could be increased by 150 fold in 15 years to 300MWs, which would account for about ...

Islanders have been generating and storing their own electricity with solar panels and battery storage systems for several years now, keeping their homes powered while reducing dependence on expensive, traditional energy sources, helping Guernsey get closer to its 2050 target of net zero."

In 2023 Guernsey Electricity worked in conjunction with The Little Green Energy Company to install the vast community-scale solar array at Grow Limited's newly redeveloped headquarters. The 310 photovoltaic (PV) panels will produce 129-kilowatt peak power (kWp). That's enough electricity to supply power to approximately 35 homes.

The report estimates that Guernsey currently has installed two megawatts of solar PV and one MW of battery energy storage, and this could be increased by 150 fold in 15 years to 300MWs, which would account for about half to a third of the islands electricity needs.

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The latest price increase implemented by Guernsey Electricity shows the increasing benefit of investment in self-generation and energy storage technology, according to the green energy experts at The Little Green Energy Company.

Will the Energy Policy make life in Guernsey more expensive? The energy policy will not directly create any new or additional charges so will not have any direct impact on the costs of living. The policy aims to encourage energy reduction, which should help to reduce costs to households.

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