

# GUERNSEY ELECTRICITY ENERGY STORAGE



Why should you choose Electric in Guernsey? In Guernsey today, over 90% of the electricity we use annually comes from renewable sources such as hydro, wind and solar power. So when you choose electric ??? whether to heat your home, drive around, or cook your dinner ??? enjoy peace of mind that your choice is helping Guernsey take a step towards a cleaner, greener future for our island.



Does Guernsey have electricity? Over 93% of electricity in Guernsey is renewable. Our island ???s imported electricity is sourced from 100% renewable energy, including solar, wind and hydroelectricity. This is brought into the island through a subsea cable and distributed to every home and business using an underground network of cables.



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.

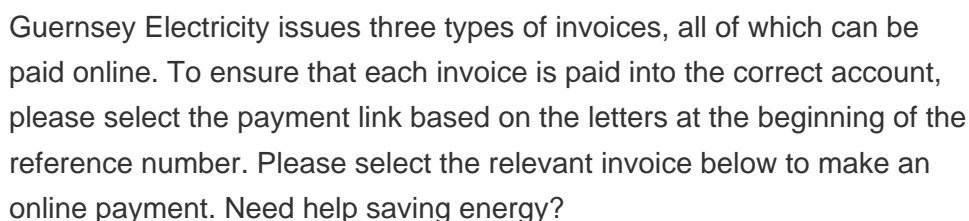
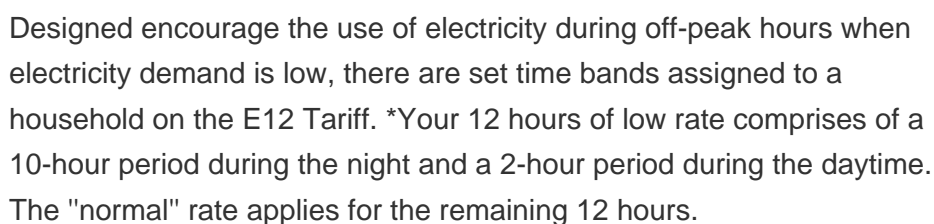
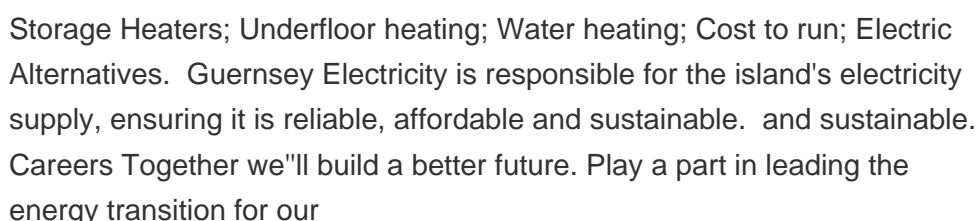
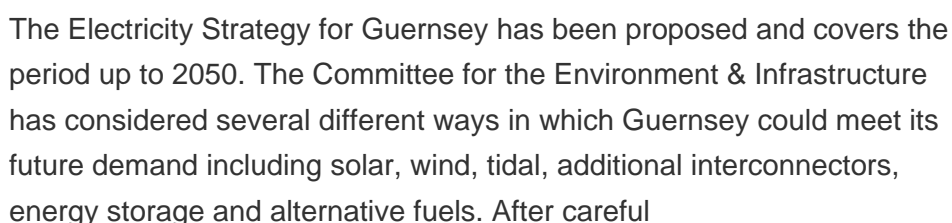
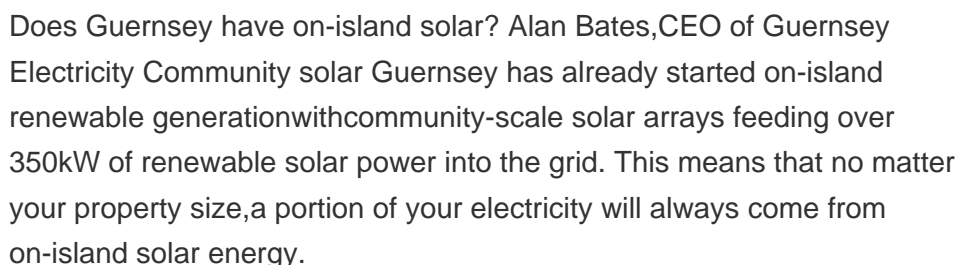


What is the maximum resale price for electricity in Guernsey? Guernsey Electricity Limited, in accordance with section 23 (2) (b) of the Electricity (Guernsey) Law 2001, hereby gives notices that the maximum resale price at which electricity can be resold by persons to whom it is supplied is \*25 pence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



What happened to Guernsey Electric? In 1933 the States of Guernsey cancelled the concession and acquired the business at a cost of ?285,500 at which time the capacity was 3.73 MW with 2,928 consumers on 165 kilometres (103 mi) of cables with eight substations. It would be supervised by the States Electricity Board. :???48







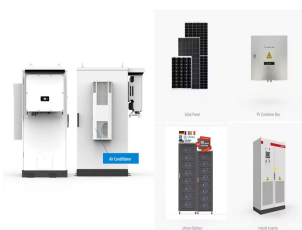
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The import cable alone does not meet the islands electricity needs when energy demand is at its greatest. The GJ1 cable can provide 100% of Guernsey's energy needs in summer and around 75% in winter, so the power station is still required as both a top-up for the winter peak periods and as a back-up when the GJ1 interconnector requires to be switched off for maintenance.



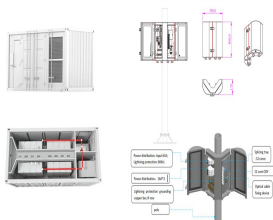
Electricity in Guernsey. Where our electricity comes from; Importing electricity Air source heat pumps; Boilers; Electric Panel Radiators; Heated towel rails; Storage Heaters; Underfloor heating; Water heating; Cost to run; Plumbers; Network Services; Electricity Strategy. The Electricity Strategy. Delivering the Energy Transition



Property development nowadays is all about going electric, with things like electric heating and electric car charging points becoming the norm. But here's the catch; these electrical innovations are pushing Guernsey's 20 th century electricity network to its limits. Need some good news? Spoiler alert: we're not pulling the plug.



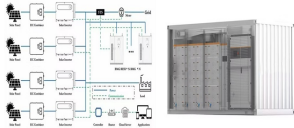
Following the States approval of the Electricity Strategy in 2023, our team are well underway implementing the Energy Transition which involves a staged upgrade of the electricity network from 2023 to 2050. Guernsey Electricity Infrastructure Plans. Below we've listed Guernsey Electricity's roadwork plans for 2024.



And as over 90% of Guernsey's electricity is imported renewable energy, it is more environmentally friendly from start to finish. Off-Peak Storage Heating. This ensures only the chosen installer makes a single application to Guernsey Electricity for the additional electricity load required, rather than multiple applications for one



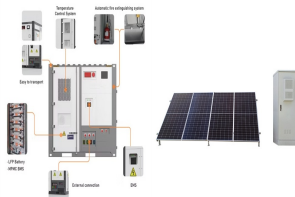
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Guernsey Electricity will guarantee to accept all Additional Load Applications for "Off-Peak Storage Heating" solutions up to 18kW\* What does this mean? To help those who want to convert to electric heating, we've recently implemented a policy where any additional load application for storage heating, or other off-peak heating solutions, up to 18kW\* will always be ???



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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 ???



Off-Peak Storage Heating. This heating system runs on the cheapest tariff available for electric heating as, like a battery, they're designed to store heat energy during your low-rate overnight periods. This cheaper stored heat can then be used during the day as and when you need it. Please check our Super Economy 12 "Low-Rate" prices here



It is important to inform us when you move in or out of a property or when someone else takes over the responsibility for the electricity supply to a property. This needs to be done whether you are an existing customer, a new customer, a landlord or a pay as you go customer. Please complete the form below to register your house move.



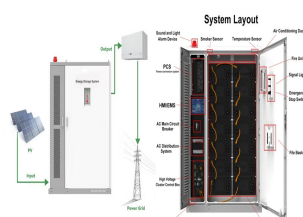
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Storage heaters - Super Economy 12 tariff. This refers to 12 hours out of 24 when you can run your heating using low-rate electricity. This is made up of 2 hours during the day and 10 hours at night. Storage heaters work by storing heat ???



During our 2023 reporting period, 91% of the energy supplied by Guernsey Electricity was low carbon, sourced from hydroelectric and other renewables through the cable link with France. Lifecycle: This is the full lifecycle and includes generation, transmission, distribution, consumption, and potential storage or conversion back into the



We're here to support you if you need help to pay for your electricity bills or manage your account. If you're worried, the first thing to do is to give us a call on 01481 200700, or email [customer@electricity.gg](mailto:customer@electricity.gg). Our team can help you manage your usage, provide advice and put you in touch with other organisations that can assist.



With over 90% of Guernsey's electricity imported from low-carbon sources, enjoy cleaner, greener heating that doesn't cost the earth. Plus, ask us about "Off-Peak Heating" for a heating system run on the cheapest electricity tariff. Say ???



The new electricity strategy will be the blueprint for "keeping the lights on" through a strategy for security and supply resilience, developing energy independence, and ensuring that technical and commercial market conditions ???



# GUERNSEY ELECTRICITY ENERGY STORAGE



Guernsey Electricity employs around 200 staff in a wide range of positions including retail, electrical operations, plumbing, finance, customer service, power station maintenance and engineering. energy trading, energy retail, EV ???



We are using our market power to drive investment to the right places. By increasing the demand for renewable and sustainable electricity, we reduce the investment into fossil fuels. The more communities that make this same choice, creating more demand for energy from sustainable energy sources, the more generators will invest in these



Electricity in Guernsey is already a low carbon energy and with the right supply infrastructure, can remain the leading energy product to support the decarbonisation of the Island's energy system. It is expensive, there are environmental impacts and the power produced does not always match up with energy demand. Battery storage or a



The electricity Standing Charge is the amount you pay per quarter to be connected to the electricity network, regardless of how much electricity you use.. It covers the fixed costs to Guernsey Electricity of supplying electricity to our customers ??? such as importing power from Europe or maintaining the electricity grid.. These types of charges are common across energy ???



Electric cars in Guernsey are powered with over 90% renewable energy. And, they produce no pollution meaning cleaner, healthier air for us all to breathe. But there are still a lot of questions about the life of electric vehicle batteries and what happens when they're no longer used in an electric vehicle. 8 June 2021; Energy & Renewables



# GUERNSEY ELECTRICITY ENERGY STORAGE



Run your appliances more cheaply with low-carbon energy Save money while helping our planet. Set a timer on some appliances such as washing machines, dishwashers and hot water thermostats to come on between 11pm and 5am as the power station is not used to top up our electricity during this quiet, off-peak period. Read more about it



More people will be able to install storage heaters after a policy change at Guernsey Electricity. Currently capacity constraints on the grid are hampering choice. A new guarantee allows islanders to switch to storage ???



From April 2024, we'll be helping Guernsey get energy smart with our new paid-for service. Because there are better things to spend money on than electricity you don't use. Your energy matters, and Guernsey Electricity's team will help you unlock meaningful energy savings with eco-friendly solutions tailored to your home and lifestyle.



Storage Heaters; Underfloor heating; Water heating; Cost to run; Electric Alternatives. Most of the island is now covered by electricity meters that transmit readings to us automatically, but sometimes the signals may not reach us. Play a critical role in developing the future of energy in Guernsey Looking for a new career?



Guernsey Electricity are currently exploring a second cable interconnection, which would give the island a crucial boost for the island's energy supply. It isn't just about adding more cables ??? it's about making sure Guernsey is resilient enough to meet the demands of the future and incorporating a significant share of renewable energy alongside on-island generation.



# GUERNSEY ELECTRICITY ENERGY STORAGE



At Guernsey Electricity, we value your privacy and security. Below are some guidance and top tips on how to keep your identity and personal information protected. If something doesn't feel right, please call us on 01481 200700 (lines are open Monday to Friday between 8:30 am to 5:00 pm) or email us on [customer@electricity.gg](mailto:customer@electricity.gg).



Solar electricity panels, also known as photovoltaics (PV), capture the sun's energy and convert it into electricity that you can use in your home. You'll need a more or less south-facing, unshaded roof or garden area. You'll then need to think about your current electricity demand and what size of system you might need.



In Guernsey, properties receive electricity through underground electricity cables that are connected to the wider electricity network. Similar to a plug extension in your home, there is a finite supply of electricity ("capacity") available on the cable - and more electrical installations demand more from the supply line cable.