

10 March 2022
Our Ref: SB/3203/DLP

To whom it may concern

Guernsey Electricity advertising verification

Please accept this letter as verification from Guernsey Electricity Limited of the following claims made in our advertising:

- 1) Cheaper electricity for customers on an Economy 12 low-rate tariff whose evening time band starts on or before 9pm.
- 2) For every unit of electricity, we import (90% of the island's usage), we'll purchase renewable certificates for electricity from various renewable sources. For verification please visit electricity.gg/verification
- 3) Using only 100% imported renewables only from 11pm-5am
- 4) Every time you switch on, it costs you money. But it could also be costing the planet
- 5) Appliances represented in the advertising

1) Super Economy 12 Tariff

Guernsey Electricity is the sole provider of electricity in Guernsey.

The Super Economy 12 Tariff is made up of 12 out of 24 hours when a customer can use electricity available at a lower rate.

Guernsey Electricity customers can apply to use the low-rate Super Economy 12 tariff available during following time bands:

	Time 101	Band	Time 129	Band
Overnight (10hours)	20:00 – 06:00		22:07 – 08:07	
Day time (2 hours)	12:45 – 14:45		14:35 – 16:35	

Customers can choose to move to a Super Economy 12 Tariff via an application form available to download from the tariff page on our website www.electricity.gg.

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At the time of writing, the electricity tariffs for lighting and power are as follows:

Tariff Name	Price per unit of electricity
Standard Tariff	19.78p
Super Economy 12 Normal rate	20.67p
Super Economy 12 Low Rate	8.57p

This confirms our statement that customers on an Economy 12 tariff whose overnight time band starts on or before 9pm will use electricity that is less than half price of 'Normal' or 'Standard' rate electricity user.

In our claim we have used the word "many" to confirm that not every household will use low-rate electricity at 9pm. There are approximately 6,000 customers on a Standard Tariff and approximately 7,000 Super Economy 12 customers whose time bands do not start on or before 9pm. "For many householders" refers to around 60% of our total customer base who will benefit from low-rate electricity from 9pm onwards.

2) Renewable Certificates

Annually over 90% of Guernsey's electricity is imported renewable energy.

From 1 January 2020, all imported electricity supplies have Guarantees of Origin (GoO) certificates proving they are from renewable sources.

During 2020, over 90% of the energy the island used was imported from renewable sources.

These renewable sources include solar, wind and hydro power, imported to Guernsey from the European electricity grid via a subsea cable.

GoO's are issues for a controlled quantity of electricity generation (1 GO per MWh) and are used as evidence for customers on the source of delivered electricity, as set out in the Directive 2018/2001 of the European Parliament.

3) 100% Imported renewable energy between 11pm and 5am

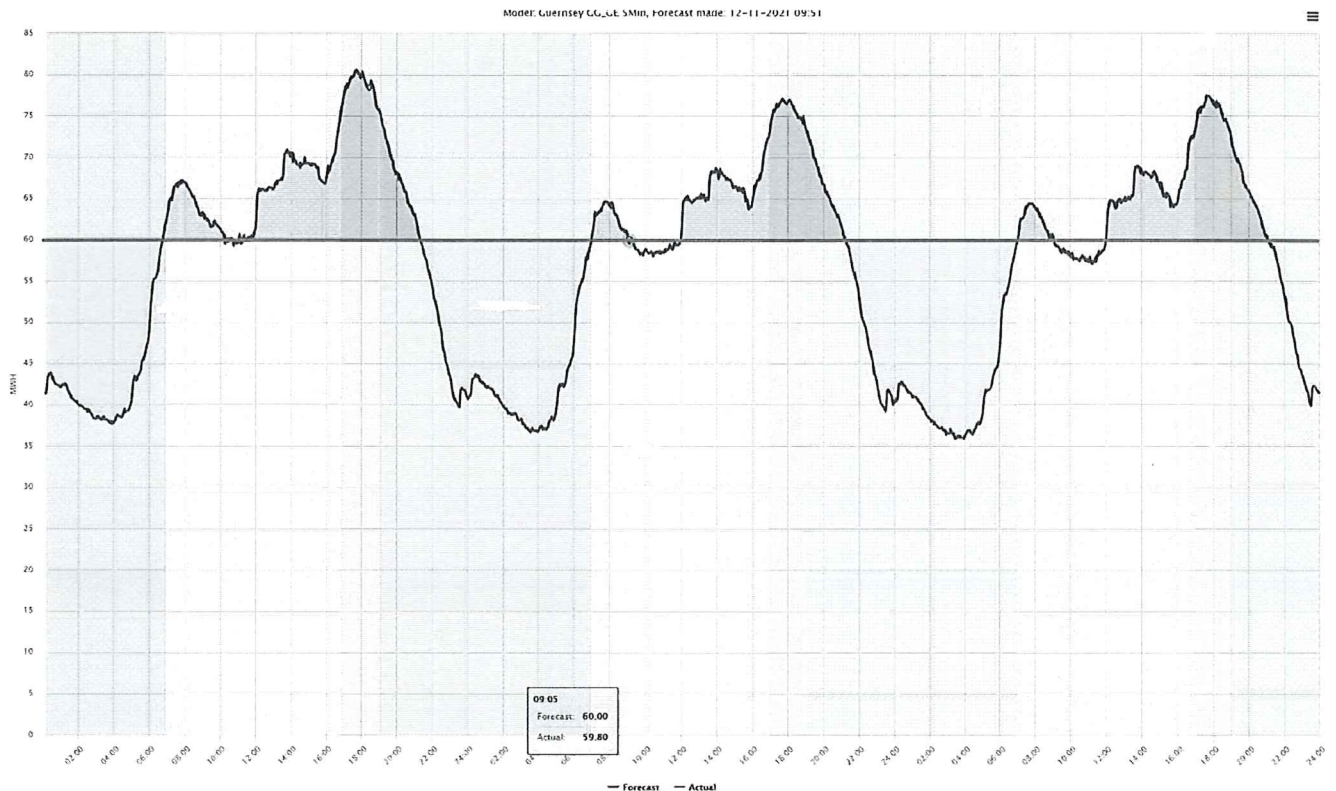
Guernsey Electricity imports approximately 60MW of renewable electricity from the European grid.

When demand exceeds the 60MW importation capacity, the power station is required to top-up this demand. This point is marked below in green.

This graph is a snapshot of three days at the end of January 2021 with an approximate peak demand of 80MW.

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Source: Guernsey Electricity power station

4) Renewable electricity is better for the planet

In January 2020, Guernsey Electricity elected to import 100% renewable energy from the European grid consisting of certified renewable hydro, wind and solar power. Prior to this, the importation mix included nuclear power which is not a renewable energy source.

The decision to switch to 100% renewable energy was based on global research and reports from organisations such as the IPCC in connection with renewable energy sources and climate mitigation. Guernsey Electricity are also directed by Guernsey's Committee for the Environment and Infrastructure to support the Energy Policy's target of achieving Net Zero by 2050.

It is widely accepted that to limited global warming to 1.5°C, global carbon emissions should be brought to zero by mid-century to stay within the planet's remaining carbon budget. To help protect our planet, our local natural resources, and air quality, consumers should reduce reliance on diesel generation at traditional electricity power stations in order to reduce the greenhouse gas emissions that negatively impacts climate change and global warming.

We understand that continued global warming will impact our planet in many ways including melting polar ice caps, wildlife extinction and extreme weather conditions. We therefore include the claim 'could help the environment' to inform our audience that they can help reduce greenhouse gas emissions by reducing electricity usage during peak times when Guernsey's power station is required to top up our electricity demand. By switching some electricity usage to overnight periods, Guernsey can rely on 100% imported renewable energy.

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5) Appliances that can be run between 9pm and 5am

Anything electrical can be run, charged or used between 9pm and 5am. In our advertising, we recommend running certain appliances that consume a reasonably large quantity of electricity such as washing machines and dishwashers between 9pm and 5am as it is often possible to set a time delay on these appliances.

Electric vehicles often come with an in-built charging timer meaning that the average user with a charging point on their property can set a timer that will start charging at the instructed time.

Yours faithfully



Guernsey Electricity Limited