

Installing and using GEO TEMPO HUB ENERGY MONITOR

IMPORTANT: Please ensure you follow the instructions that come with your energy monitor and associated app. This guide is supplementary to the manufacturer's instruction and not a replacement.

YOUR METER

THIS GUIDE ASSUMES YOU ARE
CONNECTING YOUR ENERGY
MONITOR TO **EITHER:**

- AN ELECTRICITY METER SUPPLYING LIGHT AND POWER USING **THE SUPER ECONOMY 12 TARIFF**
- AN ELECTRICITY METER SUPPLYING ELECTRIC HEATING USING **THE SUPERHEAT TARIFF**

DO YOU HAVE TWO METERS?

If you have one meter for light and power and another meter for electric heating, you will need to purchase **two** energy monitors to track both meters.

If you only want one energy monitor, please decide if this is to track lighting and power or electric heating.



Installing and using

GEO TEMPO HUB ENERGY MONITOR

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Installation

FITTING THE SENSOR TO THE METER

The GEO Tempo energy monitor is only suitable to use with the Guernsey Electricity black or white **LED meters** as shown below



Energy monitors are only compatible with LED meters that have an **electronic display** similar to the above images. They will not work with any other style of electricity meter.

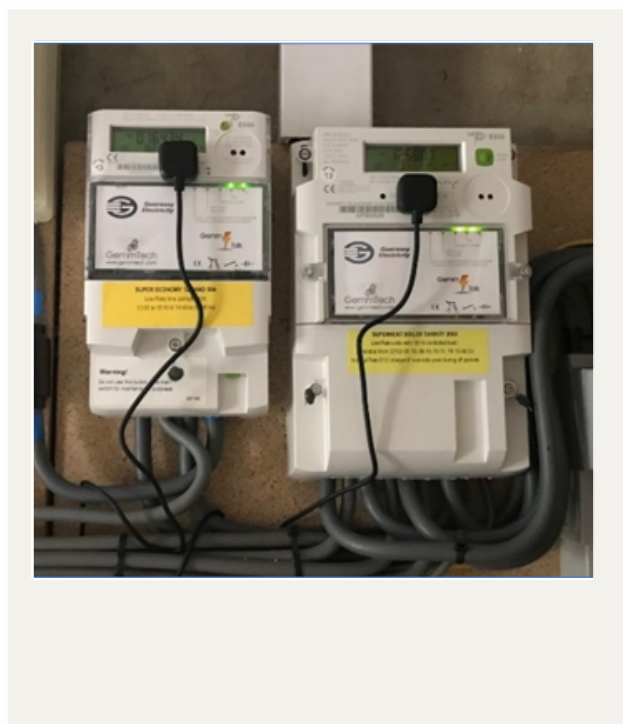
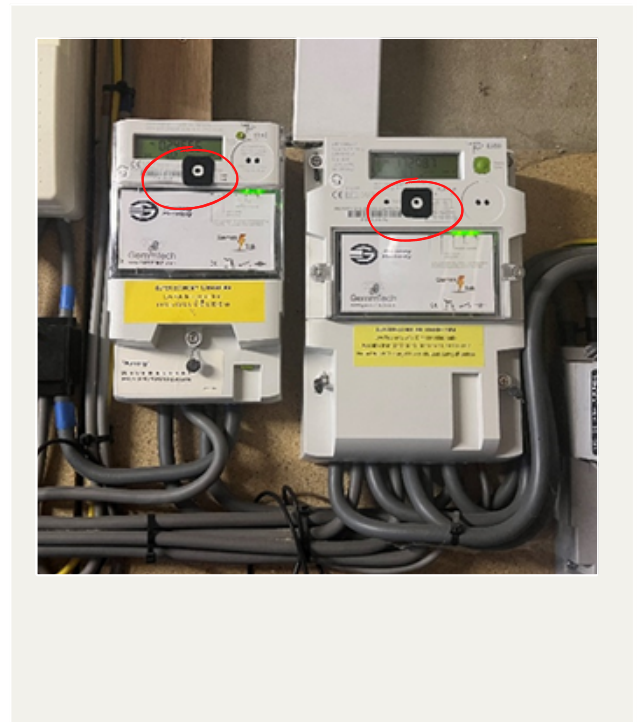
Installation

FITTING THE SENSOR TO THE METERS

The GEO Tempo energy monitor is only suitable to use with the Guernsey Electricity black or white **LED meters** as shown below

This image shows the Velcro fastenings circled in red.

These are fitted to a single-phase meter on the left, and a three-phase meter on the right



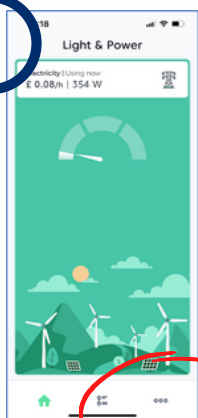
This image shows the Energy Monitor sensors fitted to a single-phase meter on the left, and a three-phase meter on the right

Installation

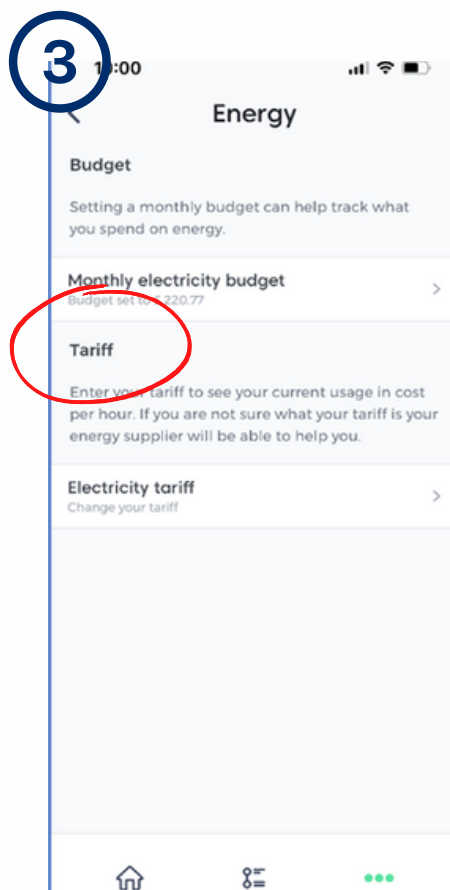
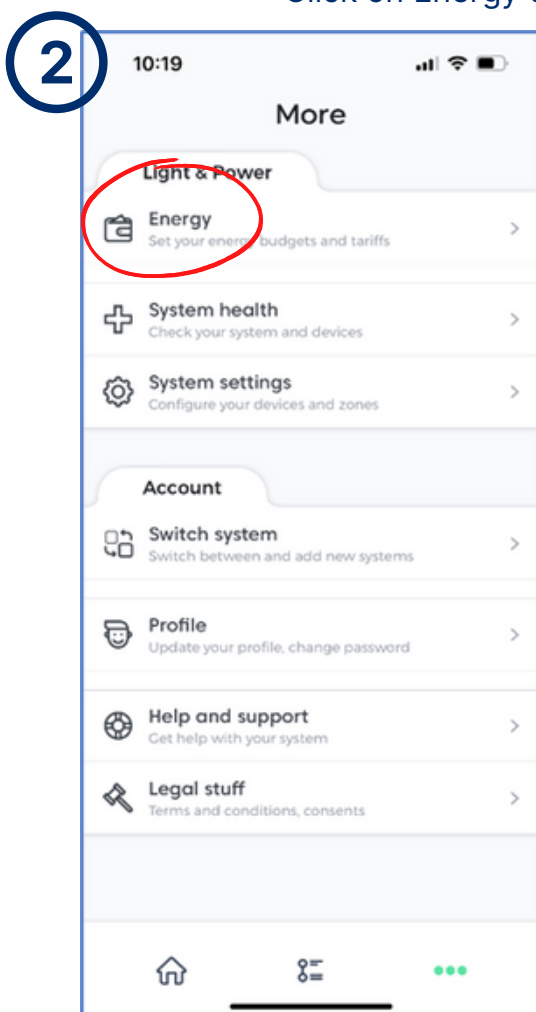
SUPER ECONOMY 12 TARIFF SET UP

See how much your **lighting and power** is costing to run

- 1 From the Home Screen in the energy monitor app, click the 3 dots at the bottom of the screen. Enter the name you want to use for the system during set up, e.g. Light & Power



This screen will appear.
Click on Energy tab



Add your personal Economy 12 time bands by clicking Tariff.

Note it takes a little time for the budget field to appear in the App

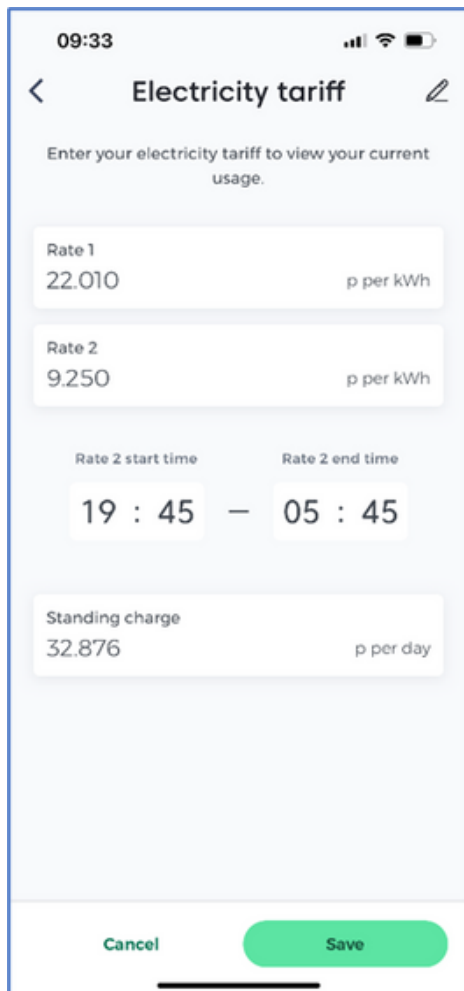
Installation

ENTER PRICES AND TIME BANDS

Please visit www.electricity.gg/tariffs for the latest prices.

Your low-rate time bands can be found on the back of your electricity statement or call us on 01481 200700.

Tariffs



The screenshot shows a mobile app interface titled 'Electricity tariff'. It prompts the user to 'Enter your electricity tariff to view your current usage.' The interface includes input fields for 'Rate 1' (22.010 p per kWh), 'Rate 2' (9.250 p per kWh), 'Rate 2 start time' (19:45), 'Rate 2 end time' (05:45), and 'Standing charge' (32.876 p per day). At the bottom, there are 'Cancel' and 'Save' buttons.

ENTER PRICES AND TIMES

Rate 1 - 'Normal Rate' tariff, for example 22.010p

Press 'Add another rate' button to open up your Low Rate cost field

Rate 2 - 'Low-Rate' tariff, for example 9.250p

Your low-rate times are confirmed on the back of your electricity bill.

Add your 'Standing charge' cost field

Standing Charge Primary Meter Cost

$$\begin{aligned} &\times 4 \text{ Quarters} \\ &\div 365 \text{ days in the year} \\ &\times 100 \end{aligned}$$

Then enter this pence per day figure e.g. 32.876p

IMPORTANT - PLEASE READ

This app can only monitor **TWO** time bands. We recommend that you **do not enter your 2-hour low-rate period** which occurs during the day.

This means your actual bill will be slightly less than the costs calculated by your energy monitor, however your kWh usage will still be accurately measured.

1) 'Normal Rate' time - e.g. 05:45 to 19:45

2) 'Low Rate' time - e.g. 19:45 to 05:45

Your day-time Low Rate time might be 13:00 to 15:00 (for example).

This time band **should not** be entered into this energy monitor.

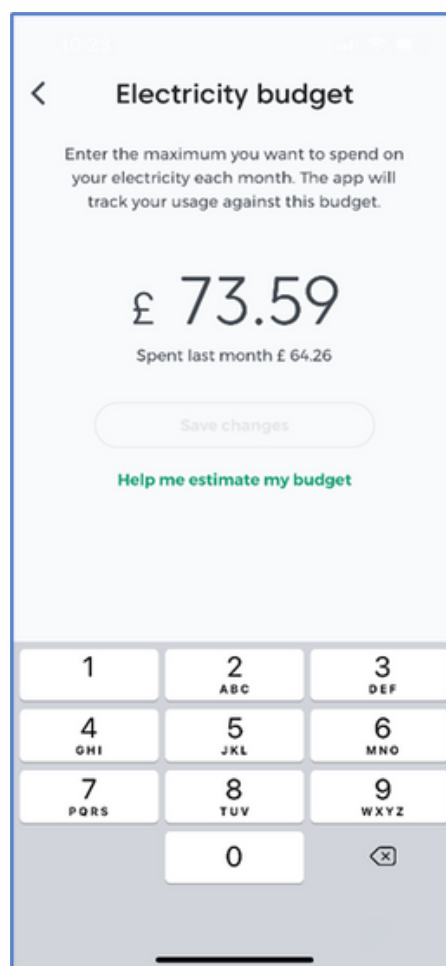
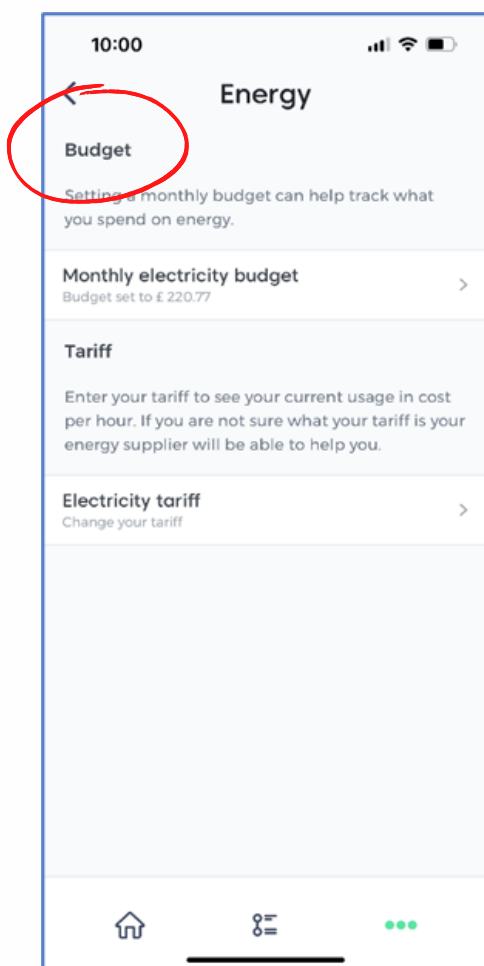
Installation

ENTER A MONTHLY BUDGET

Enter a monthly budget using your monthly standing order figure.

Click on the Budget section once the tariff and standing charge information has been entered.

Then enter the amount of money you currently or plan to pay each month for your **lighting and power** (see pages 6-8 for electric heating)



Installation

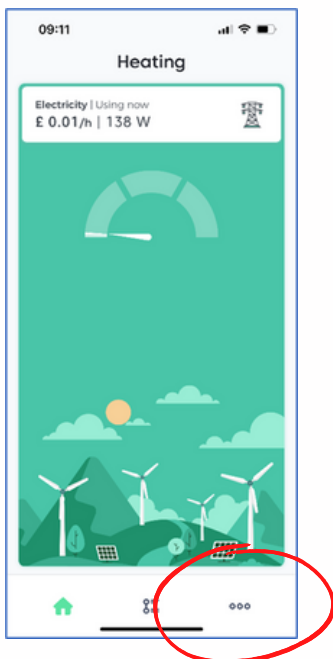
ELECTRIC HEATING TARIFF

Please visit www.electricity.gg/tariffs for the latest prices

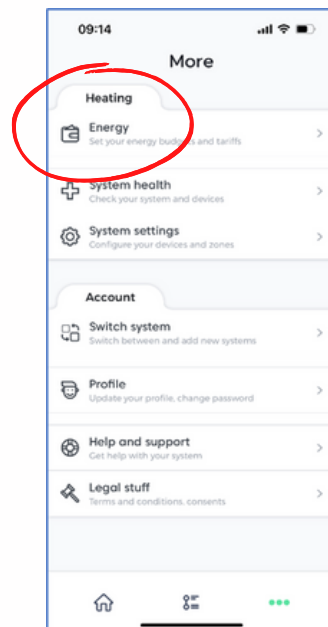
Tariffs



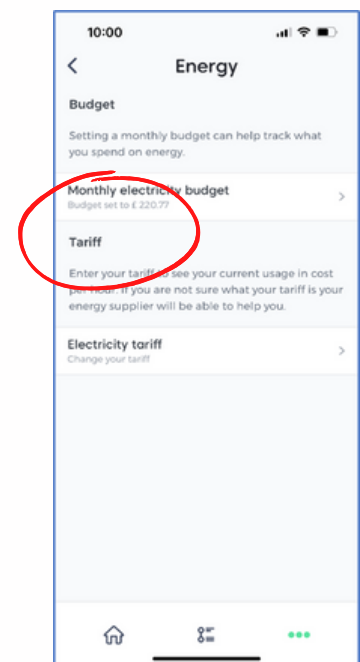
From the Home Screen in the energy monitor app, click the 3 dots at the bottom of the screen. Enter the name you want to use for the system during set up, e.g. Heating



The screen below will appear. Click on Energy tab



Add the Superheat Tariff and a budget by clicking Tariff. Note it takes a little time for the budget field to appear in the App

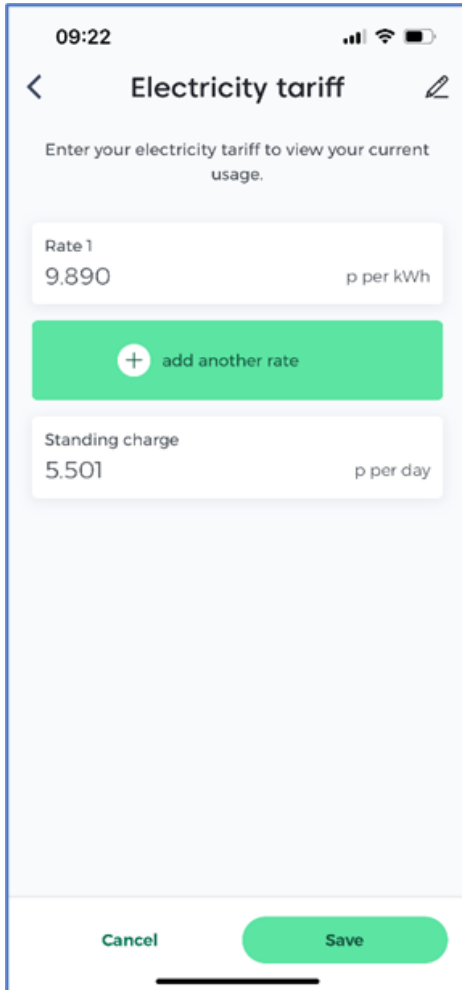


Installation

ENTER HEATING PRICES

Please visit www.electricity.gg/tariffs for the latest prices

The Superheat tariff runs for 24 hours for electric heating customers



ENTER PRICES AND TIMES

Rate 1 - Superheat Tariff 'Units' - e.g. 9.890p

Enter your 'Standing charge' cost field

Standing Charge Secondary Meter Cost

× 4 Quarters

÷ 365 days in the year

× 100

Then enter this pence per day figure e.g. 5.501p

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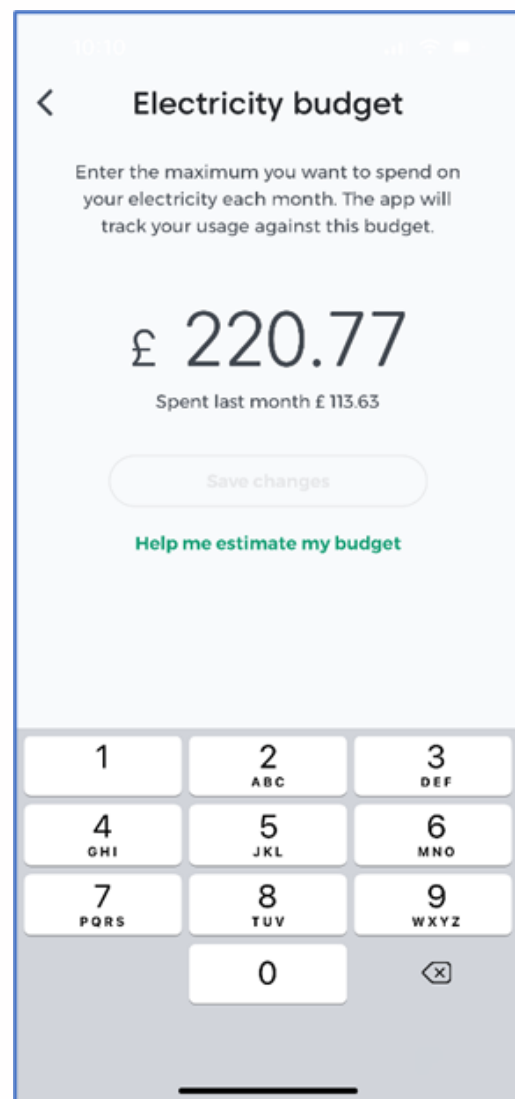
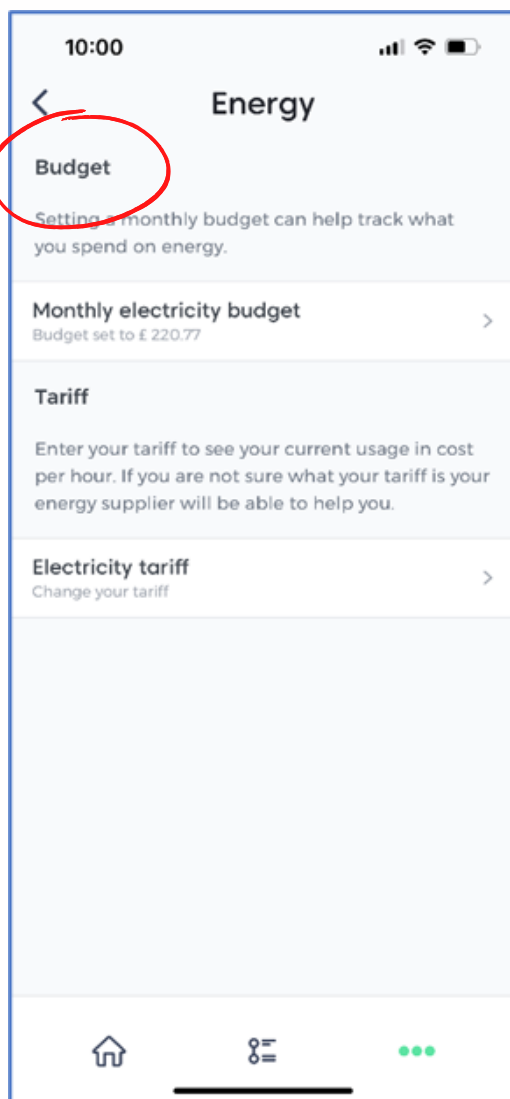
Installation

ENTER A MONTHLY HEATING BUDGET

Enter a monthly budget using your monthly standing order figure.

Click on the Budget section once the Superheat tariff and standing charge information has been entered.

Then enter the amount of money you currently pay or plan to pay each month for your **electric heating** (see pages 3-5 for lighting and power).



Using the Energy Monitor

HOW TO GET THE MOST OUT OF IT

The monitor tells you in real time how much your home is costing to run

SEE YOUR BACKGROUND USAGE COST

Switch off all appliances that you usually don't use and leave on everything that you typically don't switch off - such as **fridges, freezers, and anything usually left on standby** such as TVs, computers, chargers and games consoles.

Check the figure on your app to see how much this is costing you every hour

CHECK HOW MUCH APPLIANCES COST TO RUN

To see how much individual appliances cost to run, switch them on individually and check your app to see how much this is costing to run.

For example, test out **a kettle, hairdryer, oven, microwave or washing machine.**

IMPORTANT: PLEASE READ

If your monitor is set up with your Super Economy 12 Tariff time bands, the cost of your actual electricity consumption will be less than the total amount confirmed on your energy monitor.

This is because these monitors haven't been designed specifically for Guernsey's electricity tariffs and only allow you to enter two time bands. This means the 2-hour 'Low-Rate' period during the day will register as the more expensive 'Normal Rate' cost on your monitor.

Your final bill will therefore be slightly less than the cost advised on your energy monitor.

Using the Energy Monitor

HOW TO GET THE MOST OUT OF IT

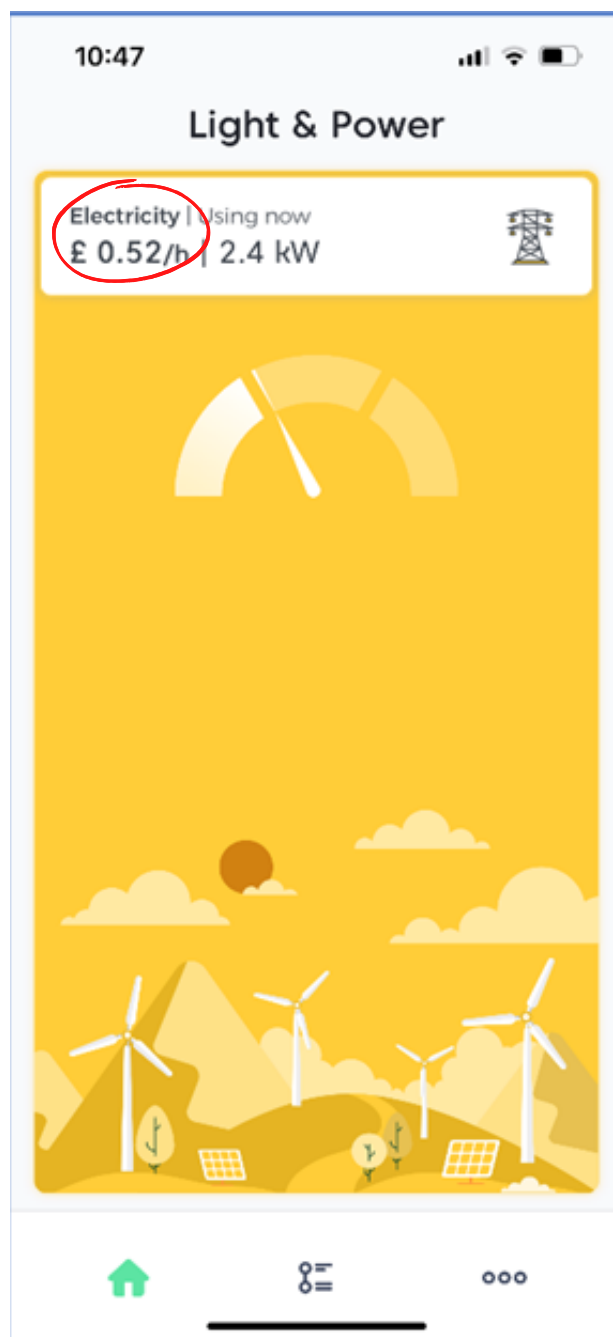
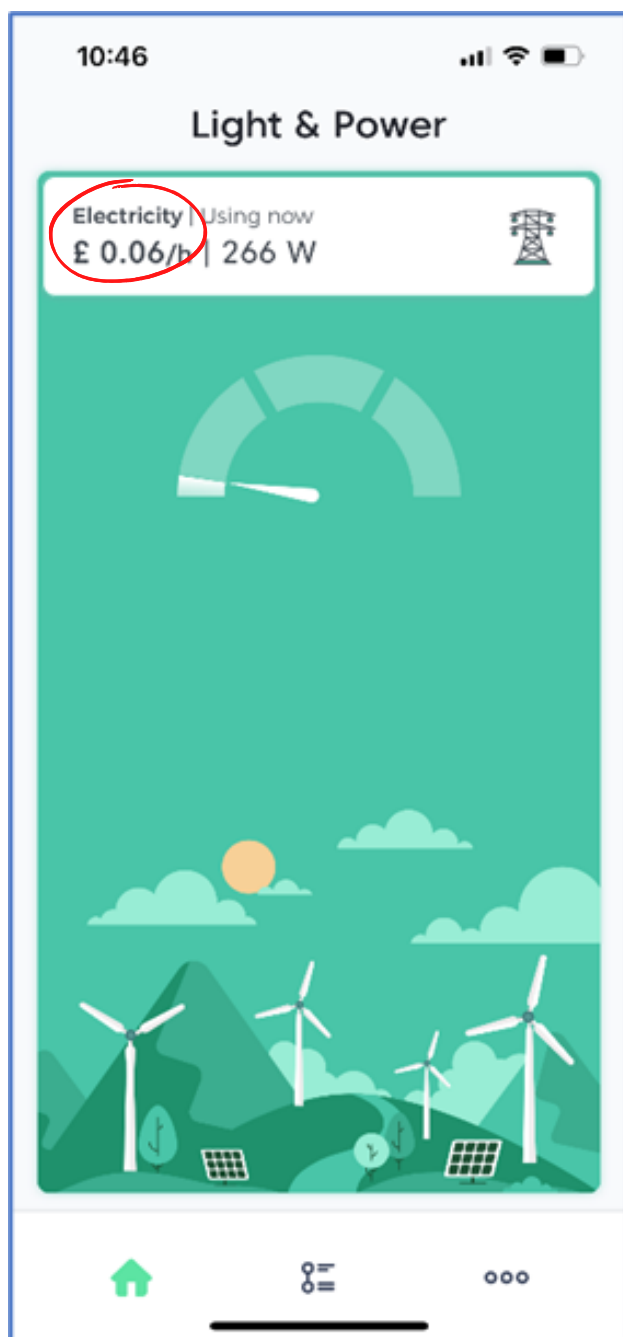
Monitor real time electricity usage on your app's home screen

Background usage

In the example on the left, the property was using 266 Watts of power at 10:46. This small background usage may cost around 6p per hour.

Appliance use test

When the oven was then switched on at 10:47, immediately the monitor shows a higher usage of 2400 Watts (2.4kW) at 10.47am, rising to 52p per hour



Using the Energy Monitor

HOW TO GET THE MOST OUT OF IT

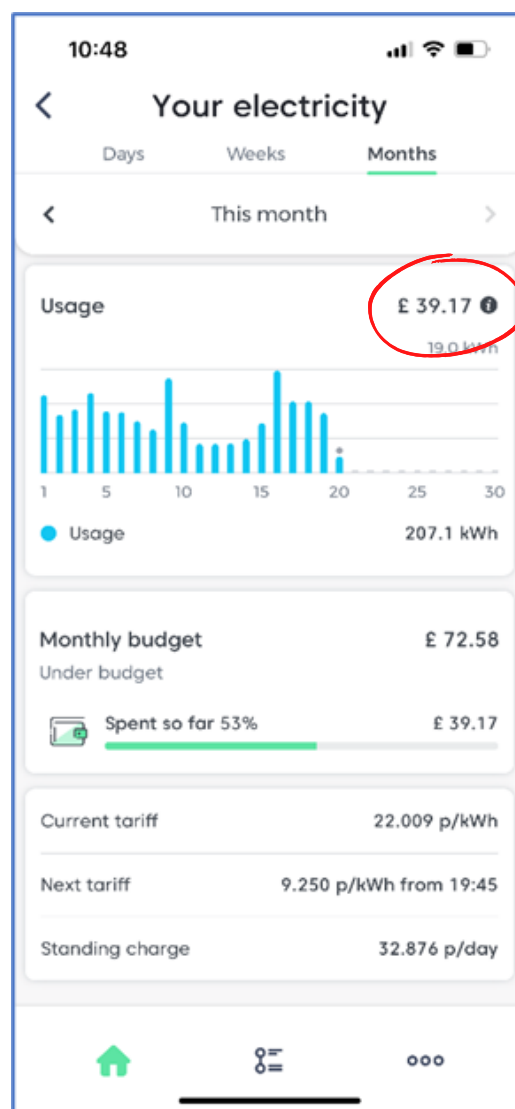
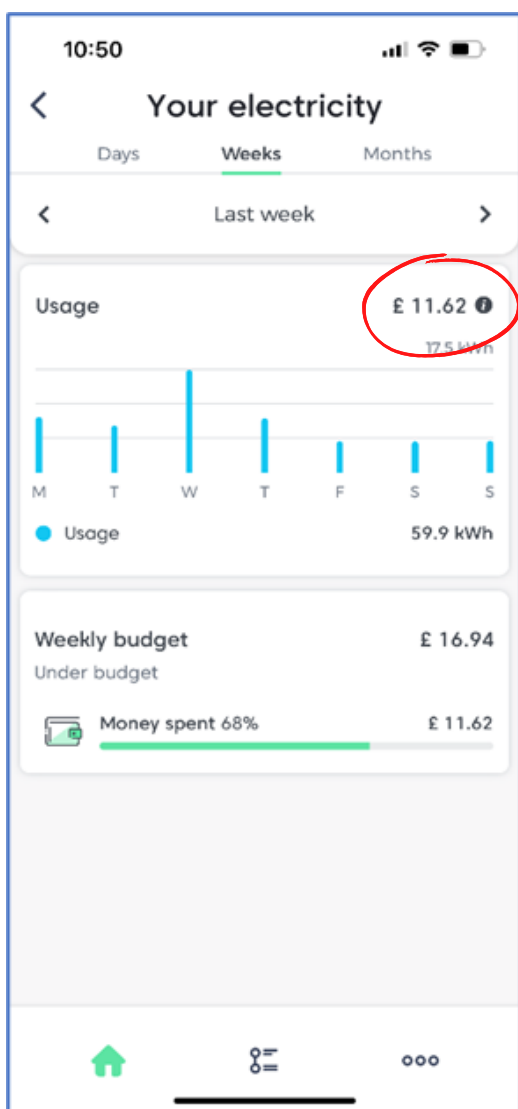
Check your weekly and monthly usage using the inbuilt reporting tool

Weekly usage report

In the example on the left, the report shows the property's **light and power consumption** for the previous week as £11.62

Monthly usage report

On the right, the month to date position for **lighting and power** shows that by the morning of the 20th of the month, **light and power** had cost around £39.17 at 207kWh (kilowatt hours), which is 207 units of electricity.



THIS HOMEOWNER HAS SPENT 53% OF THEIR
£72.58 MONTHLY BUDGET

Need to contact us?

HOME APPLIANCE QUERIES

Please call us on 01481 200789 for any products purchased in our shop or pop down and see us at Northside, the Bridge.

We're open 9am to 5pm, Monday to Saturday.

www.electricity.gg/shop

BILLING AND ELECTRICITY USAGE QUERIES

Give us a call on 01481 200700 or alternatively, please see our Frequently Asked Questions at www.electricity.gg/help

Our call centre is open 8:30am to 5pm, Monday to Friday

WANT TO SPEND LESS ON YOUR ELECTRICITY BILL?

The power really is in your hands. From simple lifestyle and habit changes to investments in energy efficient products, we've rounded up some of the most effective ways to keep islander's electricity bills low.

Challenge yourself to spend less.

**THE POWERING
LIFE FOR LESS
CHALLENGE**

www.electricity.gg/challenge