



## OWL Electricity Monitors - How to use the template monitoring table

Have the energy monitor working correctly, and displaying the data on screen either via the display (for an OWL Micro+ or USB) or via the portal (for an OWL Intuition).

Start with the line on the spreadsheet 'All appliances incl fridge & freezer off'. Switch off your fridge and freezer. Fill in the pence/hour in the box under the column 'Not in use'.

Move onto the next line on the spreadsheet 'single light bulb'. Repeat as above, switching the light bulb off and recording the pence/hour when 'not in use', then switching it back on, and recording the pence/hour when 'in use'.

Repeat for all appliances on the list: switching them off and on and recording the pence/hour when 'not in use' and when 'in use'.

Some appliances can be left on standby, for these, record pence/hour when 'on standby'.

Some appliances can't be left on standby, for these leave the 'on standby' blank.

Some appliances you will have, others you will not. For any you do not have, leave these lines blank.

You will also need to fill in the boxes for the column 'Time on per day on average (minutes)' OR for the column 'Time on per week on average (hours) for each appliance.

Make sure you only fill in one of these columns, NOT both.

Make sure you enter either minutes OR hours depending on which column you are using.

If you know the amount per day, then use this column as it will be more accurate. However, if the appliance is only used weekly, then you can use the other column.

Minutes per day will be between 0, and 1440 (there are 1440 minutes in a whole day). If the appliance is on constantly, such as the fridge & freezer, enter 1440. We expect most will be between 5 to 120 minutes.

There are sure to be pieces of equipment that are not on the sheet, for example if you have a cellar cooling device this is not on the sheet. You can add any extras in the boxes at the bottom of the sheet.

**You are only filling in or leaving blank the blue columns. You do not need to type anything anywhere else on the spreadsheet.**

Then click on the SUMMARY GRAPH, in the bottom left of the spreadsheet. This will give you an estimate, based on the information you've entered, of the Cost/month of each appliance.

Place the mouse pointer anywhere over the table, right-click and select 'Refresh'.

You will also see on the top line a baseline energy use cost/month. This is how much electricity you're using when all appliances are switched off and unplugged. If this is high, you should try to find out why this is so. This graph is a more detailed version of the one in your energy survey report.