

HUME CITY COUNCIL

HOW TO USE THE POWER-MATE

This Power-Mate measures the energy used, running costs and greenhouse gases emitted by individual appliances around your home and business – helping you to identify how you can save.

MEASURING AN APPLIANCE:

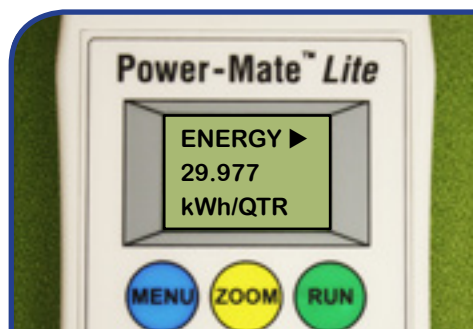


1. Plug in the Power-Mate to a power point and plug your appliance into the Power-Mate socket.

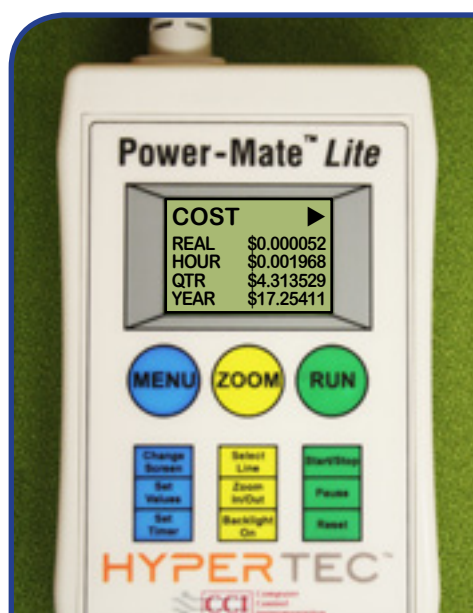
Turn on the power point switch.

Hold (long press) the **Run** button and when the screen displays 'Confirm Clear Data?'

Click (short press) the **Run** button to select 'Yes'.

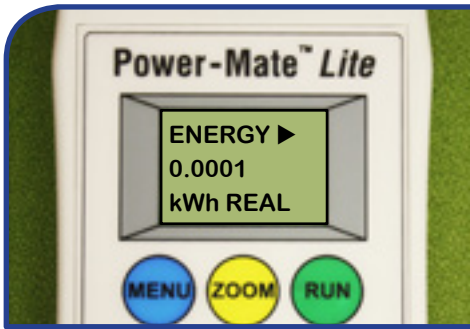


2. Click the **Run** button to start the measurement. A flashing ► will appear in the top right corner of the screen to show that the Power-Mate is measuring the energy use of the appliance.

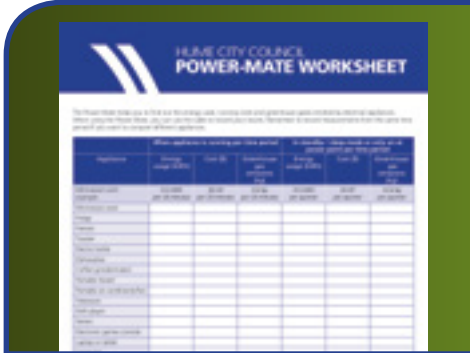


3. Find out the costs of your appliance by clicking the **Menu** button (a few times if needed) until you are in the Cost screen. This shows the real, hourly, quarterly and yearly cost (\$) to run the appliance. Real cost is the cost to run the appliance since the Power-Mate measurement started – this is useful to find out cost per use. Hourly, quarterly and yearly costs are based on constant usage of the appliance over that time period.

Click the **Zoom** button to toggle between real, hourly, quarterly and yearly cost lines. To magnify the figures hold the **Zoom** button. Click the **Zoom** button to toggle between each magnified line and hold the **Zoom** button to revert back to normal view.

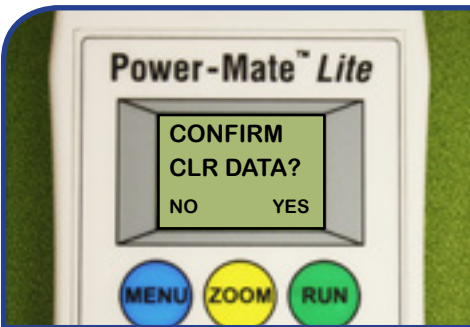


- Find out the greenhouse gas emissions and energy used by clicking the **Menu** button. The real, hourly, quarterly and yearly greenhouse gas emissions (kg CO₂-e) and energy consumed (kWh) by the appliance are shown respectively. The **Zoom** button can be used as above to toggle between and magnify lines.



- Write down your measurements. You might like to measure an appliance while it's running and then in standby mode to see how much you'll save if you switch it off at the wall. Just remember to clear the data between each reading (see Step 1 or 6).

Download a full worksheet with a list of common appliances at www.hume.vic.gov.au/energytakeaction



- Click the **Run** button to stop the measurement. A flashing **||** will appear in the top right corner of the screen to show that the Power-Mate has been paused/ stopped. Hold the Run button and then click the **Run** button to select 'Yes' to 'Confirm Clear Data?'. You are now ready to measure your next appliance.



- Switch off and save money on your next electricity bill!
You can now use the information you have learned about your appliances to use them less and switch them off at the wall. If shopping for new appliances, you can also use the Power-Mate to compare the energy use (kWh) of your current appliance and the energy rating label of new products to make sure you buy something more efficient to run.

Optional: If you would like to enter your own electricity cost or set an automated measurement time go to www.hume.vic.gov.au/energytakeaction to download additional instructions for these steps. You'll also find information on saving energy including free Council workshops and guidance.

For information on how to understand your electricity bill, how you compare against others in your suburb and how to reduce your energy usage visit www.go5.org.au

WARNINGS:

The Power-Mate is only to be used by an adult or under adult supervision – take care to avoid injury or damage when using the Power-Mate by following these instructions.

- Turn power off at the wall before connecting or disconnecting the Power-Mate.
- Do not use the Power-Mate if the cord of the Power-Mate or the appliance you are testing is damaged.
- Do not allow the Power-Mate to get wet or expose it to excessive heat.
- The Power-Mate has a maximum capacity of 10 Amps. Make sure the appliance you are measuring is under 10 Amps – the current or power rating is usually written on the label. If a "WARNING, OVERLOAD" message appears, turn power off at the wall and disconnect the Power-Mate immediately.