

# Kill A Watt Meter usage sheet

By using this device, you will be able to see how much power each household appliance is consuming. You can see how much each appliance costs to run each hour, day, week, month and year. So go grab your laptop, hairdryer or that beloved lamp in the basement, plug it in and see what's happening.

## Why are we doing this?

Measuring your electricity usage allows you to make simple changes that will help save you energy and money, quickly and easily. Join the City of North Vancouver in fighting climate change. By using household appliances responsibly, we can reduce our carbon footprint and achieve a more sustainable community.

For more information about the City's Climate Action initiatives, visit [www.cnv.org/ClimateAction](http://www.cnv.org/ClimateAction)

## How to use the Kill A Watt device:

- Plug any electrical appliance, big or small, into the Kill A Watt Meter.
- Plug the Kill A Watt Meter into any electrical outlet in your home.
- Press and hold the RESET button until "Rest" appears on the screen.
- Press and hold the SET button until "Rate" appears and the previously entered rate starts flashing. Use the up and down button to set the amount.  
(Note: You can check the current BC Hydro rates on your hydro bill. The 2019 rates are 9.45 cents/kWh for Step 1 and 14.17cents/kWh for Step 2).
- For Step 1, the screen should read \$0.0945. For Step 2, the screen should read \$0.1417.
- Press the MENU button to see: length of time device has been in use, voltage, cost to run that particular appliance, rate charged by BC Hydro and kWh used.
- Leave the appliance plugged in to measure the electricity used and cost to run it for one hour, day, week or longer!

(see Operating Manual for more detailed information)

For more details on rates and incentives visit [www.bchydro.com](http://www.bchydro.com)

# Some things you can do with the Kill A Watt Meter:

1. Check the consumption levels of your favourite items. Plug them in and measure the energy consumption. Are you surprised?
2. Conduct an experiment. Gather 3 items similar in age and size (e.g. a hairdryer, a blender and a toaster). Plug them in and measure the energy consumption of each appliance. Which one uses the most? Next compare 3 items of different sizes (e.g. your stove, your TV and your cell phone). Are the consumption rates what you thought they would be?
3. Calculate the real cost of using an incandescent light bulb versus a compact fluorescent light bulb (CFL). Use a table lamp with an incandescent bulb. Plug it into the Kill A Watt Meter. Measure the electricity use for one week. Now swap out the incandescent bulb for a CFL. Measure the electricity use for one week. Compare the two. How much energy and money do you save with the CFL?
4. Check the phantom loads of your appliances (see purple insert: Stand-by Power: When “Off” Means “On”). Up to 10% of your energy bill is spent when electric devices are off! Even when these items are off, they still use electricity to power “off” lights, clocks and allow the appliance to receive remote control “on” signals. You can stop phantom loads by plugging your devices into a power bar and switching the power bar off. Plug the power bar into the Kill A Watt device and see the savings!



The Kill a Watt Meter

## This bag includes:

- 1 Kill A Watt Meter
- 1 Kill A Watt operating manual
- 1 Kill A Watt Meter usage sheet
- 1 Stand-by Power: When “Off” means “On” fact sheet