

Appliance Running Costs

The cost of running appliances depends on their function and efficiency, when buying a new appliance, you should choose the most energy efficient (A rated), rather than the least energy efficient (G rated).

For energy saving advice or products please view the [Code Of Practice On The Efficient Use Of Electricity](#) (Available on the Power NI Website).

Costs listed below are based on a rate of 23.15p per unit of electricity (Home Energy Standard Rate) **Including 5% VAT.**

GENERAL APPLIANCES	POWER RATING (watts)	COST TO RUN FOR ONE HOUR (pence*)
Computer & Monitor	100 – 200	2p – 5p
Extractor Fan	115	3p
Games Console	171	4p
Hair Curler	350	8p
Hair Drier	1800 – 2500	42p – 58p
Hot Tub (4 Person, 120 Volt)	3500	81p
Hot Tub (4 Person, 240 Volt)	7000	£1.62
Iron	1100	26p
Kettle	1200 – 3000	28p – 70p
Printer - Laser Jet	576	13p
Shower	4000 – 7000	93p – £1.62
Standard Television-36"	87	2p
Stereo	140	3p
Toaster	900	21p
Towel Rail	90 – 200	2p – 5p
TV-LCD-52"	174	4p
TV-Plasma-50" High Definition	357	8p
Vacuum Cleaner	780	18p
Video Recorder	60	1p

HEATING & COOKING	POWER RATING (watts)	COST TO RUN FOR ONE HOUR (pence*)
1 Bar Electric Fire	1200	28p
3 Bar Electric Fire	3000	70p
Baby Food Warmer	165	4p
Coffee Maker	900	21p
Cooker – 1 Ring	1400	32p
Electric Blanket	200	5p
Fan Heater	2000 – 3000	46p – 70p
Immersion Heater	3000	71p
Oil Filled Radiator	500 – 2000	12p – 46p
Oven & Rings	4500	£1.04
Oven Only	600 – 1700	14p – 39p
Panel Radiator	750 – 3000	17p – 70p

WHITE GOODS	POWER RATING (watts)	COST TO RUN FOR ONE HOUR (pence*)
Dish Washer	2250	52p
Microwave	600 – 800	14p – 19p
Spin Drier	250	6p
Tumble Drier	4900	£1.13
Washing Machine	1150 – 2200	27p – 51p

LIGHTING	POWER RATING (watts)	COST TO RUN FOR <u>24</u> HOURS (pence*)
1 Energy Saving Light Bulb	10 – 20	6p – 11p
1 Filament Light Bulb	40 – 150	22p – 83p
1 LED Light Bulb	5 – 10	3p – 6p
1 Strip Light	20 – 65	11p – 36p
100 LED Mini Christmas Bulbs	8	4p
100 Small Standard Christmas Bulbs	50	28p

OTHER APPLIANCES	POWER RATING (watts)	COST TO RUN FOR <u>24</u> HOURS (pence*)
De-Humidifiers	480 - 790	£2.67 – £4.39
Fish Tank Pump	80 - 250	45p – £1.39

* Cost to run an appliance has been rounded to the nearest whole number

Typical Standby Costs Of Appliances In The Home

The table below covers a range of electrical appliances that we all have in our home. It includes the average wattage of each appliance and the amount of electricity used (Per year) when each of these appliances are not switched off and are left on standby.

	Wattage	kWh per year	Cost per year (23.15p per kWh – Inc VAT)
Mobile Phone Charger	0.5	4.38kWh	£1.01
Games Console	1	8.76kWh	£2.03
Smart Speaker	2	17.52kWh	£4.06
Washing Machine	2	17.52kWh	£4.06
Laptop Computer/Charger	2	17.52kWh	£4.06
Microwave	3	26.28kWh	£6.08
Cordless Phone	3	26.28kWh	£6.08
Cooker	5	43.8kWh	£10.14
Digital Box	5	43.8kWh	£10.14
Broadband Modem (Full Power)	5	43.8kWh	£10.14
TV	5	43.8kWh	£10.14
Total			£67.94

NB: The typical cost for any household depends on the number and type of appliances left on standby. The cost per unit of electricity used in these calculations is based on the current Home Energy Standard Rate at time of publish.

* Cost to run an appliance has been rounded to the nearest whole number