

## Switch It Off at Home

Typical Household Appliances	Maximum Power	Typical Standby	Amount of use for £1	Annual Cost	Comments
<b>Entertainment</b>					
21" CRT Television	100 W	15 W	17 days	£22	On 4 hrs/day + 20 hours standby
32" LCD Television	170 W	3 W	13 days	£28	On 4 hrs/day + 20 hours standby
42" Plasma Television	280 W	3 W	8 days	£44	On 4 hrs/day + 20 hours standby
Video/DVD player/recorder	40 W	3 W	45 days	£8	On 4 hrs/day + 20 hours standby
Digital analogue radio	4 W	n/a	1 year	£1	On 8 hrs/day
Music centre	75 W	1 W	31 days	£12	On 4 hrs/day + 20 hours standby
Satellite/freeview/cable box	40 W	9 W	11 days	£35	On 24 hrs/day
Games Console	45 W	5 W	9 days	£39	On 24 hrs/day
<b>Communication</b>					
Desktop PC + CRT monitor	200 W	30 W	6 days	£61	On 4 hrs/day + 20 hours standby
Inkjet printer	60 W	20 W	15 days	£24	On 4 hrs/day + 20 hours standby
Broadband router	10 W	n/a	42 days	£8	On 24 hrs/day
Telephone (2 digital handsets)	7 W	3 W	4 months	£39	1 hr talk/day + 23 hrs standby
<b>Lighting</b>					
Compact fluorescent bulb	20 W	n/a	83 days	£4	On 4 hrs/day
Fluorescent strip light	36 W	n/a	46 days	£8	On 4 hrs/day
Halogen bulb	60 W	n/a	28 days	£13	On 4 hrs/day
100W tungsten bulb	100 W	n/a	16 days	£22	On 4 hrs/day
<b>Heating</b>	<b>High</b>	<b>Low</b>			
Oil filled radiator	2500 W	700 W	4 hours	To heat average room - £300 assuming 3000 kWh p.a of on peak electricity	
Fan heater	3000 W	500 W	3.3 hours		
Halogen heater	1200 W	400 W	8.3 hours		
Immersion heater	3000 W	n/a	3.3 hours	£250 assuming 2500 kWh p.a.	
Electric shower	105000 W	7500 W	1 hour	£118	2 x 10mins/day
Electric blanket	130 W	35 W	80	£8	On 2 hrs/day for 22 weeks
<b>Cooking</b>					
Electric kettle	2200 W	n/a	4.5 hours	£27	5 x 4mins/day

Electric oven	2200 W	2 W	4.5 hours	Estimated total cost of °£66 all cooking for a family of four	
Electric hob ring	1400 W	n/a	7 hours		
Microwave	800 W	2 W	12.5 hours		
A-rated fridge	120 W	n/a	24 days	°£15	Average family use
A-rated freezer	150 W	n/a	17 days	°£21	Average family use
A-rated dishwasher	1050 W	n/a	10 days	£37	Used once each day
<b>Laundry</b>					
A-rated washing machine	3000 W	5 W	9 loads	£11	2 x 6kg/week@40 °C
Tumble drier	2500 W	n/a	3 loads	£35	2 x 6kg/week
Steam iron	1800 W	n/a	5.5 hours	£38	2 x 2 hours/week
<b>Other</b>					
Vacuum cleaner	1200 W	n/a	8 hours	£12	2 hours per week
Electric drill	900 W	n/a	9 hours	n/a	

Note all costs based on on-peak electricity at 10p/kWh. Energy used by different manufacturers produces may vary.

° This annual cost is an estimate based on the annual requirement for a home, not on the hours used.