Worcestershire County Council

saving electricity at home!

switch it Off...

don't just 'stand by' and waste energy

worcestershire countycouncil

five things that cost you nothing but can save a lot...

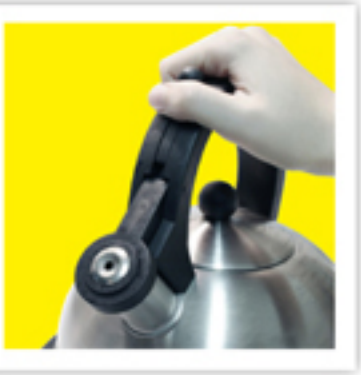
Try these at home and save £100* a year

(If everyone in Warwickshire, Worcestershire and Coventry did these it would save £1m a week)

all rooms

Switch the light off when you leave a room.

Energy Fact: Each 60W light bulb that's left on for 4 hours a day will waste £9 a year. *(£5m for Warwickshire, Worcestershire and Coventry)*



kitchen

When you make a drink, only put as much water in the electric kettle as you need. It will boil quicker and save energy.

Energy Fact: Boiling one cup of water instead of a full kettle 5 times a day can save £30 a year. *(£17m for Warwickshire, Worcestershire and Coventry)*

**These figures are based on typical equipment found in homes. Some products are more efficient but many are worse.*

For further information contact: Energy Advice Hotline Tel: 0800 512012

study

If you're not going to watch your computer monitor for a while, switch it off. It only takes a few seconds to come back on when you want it again.

Energy Fact: A 17" CRT monitor left in sleep mode for 8 hours a day when it could be off wastes £9 a year. *(£5m for Warwickshire, Worcestershire and Coventry)*

livingroom

When you're not watching television, switch it off at the set or the wall, not the remote.

Energy Fact: A television left on stand by can use more electricity when it's off than when it's on. Switching it off can save up to £11 a year for each set you have. *(£6m for Warwickshire, Worcestershire and Coventry)*

bedroom

In a teenager's room a computer, games console, television, battery chargers, video/dvd, cd player and modem could be using around 75W just on stand by.

Energy Fact: Switching these off instead of leaving them on stand by for 15hrs a day could save you £41 a year. *(£23m for Warwickshire, Worcestershire and Coventry)*

www.worcestershire.gov.uk/switchitoff

energy cost of a typical household

Typical Household Appliances	Maximum Power	Typical Standby	Amount of use for £1	Annual Cost	Comments
entertainment					
21"CRT Television	100W	15W	17days	£22	on 4 hrs/day +20 hrs stand by
32" LCD Television	170W	3W	13 days	£28	on 4 hrs/day +20 hrs stand by
42" Plasma Television	280W	3W	8 days	£44	on 4 hrs/day +20 hrs stand by
Video/DVD player/recorder	40W	3W	45 days	£8	on 4 hrs/day +20 hrs stand by
Digital/analogue radio	4W	n/a	1 year	£1	on 8 hrs/day
Music centre	75W	1W	31 days	£12	on 4 hrs/day +20 hrs stand by
Satellite/freeview/cable box	40W	9W	11 days	£35	on 24hrs/day
Games console	45W	5W	9 days	£39	on 24hrs/day
communication					
Desktop PC + CRT monitor	200W	30W	6 Days	£61	on 4 hrs/day +20 hrs stand by
Inkjet printer	60W	20W	15 days	£24	on 4 hrs/day +20 hrs stand by
Broadband router	10W	n/a	42 days	£8	on 24 hrs/day
Telephone (2 digital handsets)	7W	3W	4 months	£39	1 hr talk/day + 23 hrs stand by
lighting					
Compact fluorescent bulb	20W	n/a	83 days	£4	on 4 hrs/day
Fluorescent strip light	36W	n/a	46 days	£8	on 4 hrs/day
Halogen bulb	60W	n/a	28 days	£13	on 4 hrs/day
100W tungsten bulb	100W	n/a	16 days	£22	on 4 hrs/day
heating	**high**	**low**			
Oil filled radiator	2500W	700W	4 hours	to heat average room - °£300 assuming 3000kWh p.a of on peak electricity	
Fan heater	3000W	500W	3.3 hours		
Halogen heater	1200W	400W	8.3 hours		
Immersion heater	3000W	n/a	3.3 hours	°£250 assuming 2500kWh p.a.	
Electric shower	10500W	7500W	1 hour	£118	2x10mins/day
Electric blanket	130W	35W	80	£8	on 2hrs/day for 22 weeks
cooking					
Electric Kettle	2200W	n/a	4.5 hours	£27	5x4mins/day
Electric oven	2200W	2W	4.5 hours	estimated total cost of °£66 all cooking for a family of four	
Electric hob ring	1400W	n/a	7 hours		
Microwave	800W	2W	12.5 hours		
A-rated fridge	120W	n/a	24 days	°£15	average family use
A-rated freezer	150W	n/a	17 days	°£21	average family use
A-rated dish washer	1050W	n/a	10 days	£37	used once each day
laundry					
A-rated washing machine	3000W	5W	9 loads	£11	2x6kg/week@40°c
Tumble drier	2500W	n/a	3 loads	£35	2x6kg/week
Steam iron	1800W	n/a	5.5 hours	£38	2x2hours/week
other					
Vacuum cleaner	1200W	n/a	8 hours	£12	2 hours per week
Electric drill	900W	n/a	9 hours	n/a	

Note all costs based on on-peak electricity at 10p/kWh. Energy used by different manufacturers products may vary.
° This annual cost is an estimate based on the annual requirement for a home, not on the hours used.

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