

Household energy log

Lighting

In the bulbs below, write # of watts in each light in your house		Total watts	Hours 'ON' per day	Watts used per day	Days per quarter	Watts used per quarter
Example: Kitchen	100 200 60 60 60 60 60 60 60 60 =	480	X 3.5	= 1680	X 90	= 151,200
Kitchen	=		X		=	
Dining/Lounge	=		X		=	
Bathrooms	=		X		=	
Bedrooms	=		X		=	
Hallways/ Outdoors	=		X		=	
Total household watts used on LIGHTING per quarter						= <input type="text"/>

Hot water

Data from: www.sydneywater.com.au/Publications/FactSheets/RestrictionsHowMuchWaterDoIUse.pdf

Tick off how many buckets of hot water you use (depending on your fittings and appliances)		# per day	Buckets of hot water per day	Litres per bucket	Total litres hot water per day	Days per quarter	Total litres per quarter
Example: Showers	3-star shower head Standard shower head X <u>9</u> Mins/shower	X 5	= 90	X 9L	= 810	X 90	= 72,900
Showers	3-star shower head Standard shower head X <u> </u> Mins/shower	X		X 9L	=	X 90	=
Baths	Don't take baths Standard bath X	X		X 9L	=	X 90	=
Washing dishes	Hand washing 3-star dishwasher Standard dishwasher X	X		X 9L	=	X 90	=
Washing clothes	Use cold cycle 4 1/2-star washing machine Standard washing machine X	X		X 9L	=	X 90	=
Total household litres of HOT WATER used per quarter							= <input type="text"/>

Heating and cooling

Figures based on data from: www.sa.gov.au, Average energy use of household appliances

Average energy use per hour	Hours 'ON' per week	Energy per week	Weeks per quarter	Total energy use per quarter
Portable convection heater 2.0 kWh	X <input type="text"/>	= <input type="text"/>	X 13	= <input type="text"/>
Reverse cycle air conditioner 1.68 kWh	X <input type="text"/>	= <input type="text"/>	X 13	= <input type="text"/>
Fan 0.15 kWh	X <input type="text"/>	= <input type="text"/>	X 13	= <input type="text"/>
Total ENERGY (kWh) used on HEATING AND COOLING per quarter				= <input type="text"/>

Appliances

Figures based on data from: www.sa.gov.au, Average energy use of household appliances

Average energy use per CYCLE			Cycles per week		Energy per week		Weeks per quarter		Total energy use per quarter
Example:									
Clothes washers									
Top loading (cold wash)	1.83 kWh			=				=	
Front loading (cold wash)	2.37 kWh	X		=		X	13	=	
Clothes washers									
Top loading (cold wash)	1.83 kWh			=				=	
Front loading (cold wash)	2.37 kWh	X		=		X	13	=	
Clothes dryer	5.54 kWh	X		=		X	13	=	
Dishwasher	0.96 kWh	X		=		X	13	=	
Average energy use per HOUR			Hours 'ON' per week		Energy per week		Weeks per quarter		Total energy use per quarter
Television									
Plasma (90 cm – 110 cm)	0.2 kWh	X		=		X	13	=	
LCD (90 cm – 183 cm)	0.22 kWh			=				=	
Computer	0.4 kWh	X		=		X	13	=	
DVD player	0.06 kWh	X		=		X	13	=	
Stereo	0.23 kWh	X		=		X	13	=	
Microwave	1.3 kWh	X		=		X	13	=	
Kettle	2.4 kWh	X		=		X	13	=	
Total energy (kWh) used on APPLIANCES AND ELECTRONICS per quarter									

Standby

Source of data: 2005 Intrusive residential standby survey report, <http://energyrating.com.au>

Average energy use on standby per hour			Hours on 'STANDBY' per week		Energy used on standby per week		Weeks per quarter		Total energy used on standby per quarter
Clothes Dryer	0.0002 kWh	X		=		X	13	=	
Clothes Washer	0.0019 kWh	X		=		X	13	=	
Microwave	0.003 kWh	X		=		X	13	=	
Stereo	0.0023 kWh	X		=		X	13	=	
DVD player	0.0026 kWh	X		=		X	13	=	
Computers:									
Desktop	0.0035 kWh			=				=	
Laptop	0.0092 kWh	X		=		X	13	=	
Total energy (kWh) used on STANDBY per quarter									