Energy Usage Calculation

The following list has been compiled from various sources and represents the types of equipment which might be found in a small office or home office in the IT sector. Use this sheet in conjunction with the Microsoft Excel Energy Audit Template to complete an energy use audit of your home or office. If you do not have access to an appropriate work environment, you should conduct an audit on your home environment.

The figures provided estimated averages only. Please note that in order to gauge a more accurate figure of your energy consumption, please refer to the rating label (where available) on individual devices.

Home/Small Office Equipment Energy Usage Calculation Sheet			
Device	**Average W/Hr**	**Device**	**Average W/Hr**
Desktop computer (without monitor)	150	Photocopier	165
Laptop computer	50	Fax machine	450(in use)
Computer monitor	50	Answering machine	2.5
Printer (small)	85	Wall urn	85
Printer (large, multi-function)	160	Shredder	1500
Air conditioner (Room)	1000	Eftpos	12
Air conditioner (Central)	3000	Data projector	145
Ceiling fan	65	Laminator	700
Light bulb (Incandescent)	Refer to actual wattage of light globe (eg, 11W, 60W, 23W)	Television (Plasma)	120
Light bulb (Compact Fluoro)		Television (LCD)	145
Light bulb (Fluorescent)		Television (CRT)	90
Pedestal fan	175	DVD Player	30
Heater (Portable)	1500	Scanner (stand alone)	75
Refrigerator	500	Electronic Whiteboard/Smartboard	150

Bar fridge	35	Microwave	1200
Freezer	440	Hot plate	1200
VCR player	40	Frying pan	1200
Exhaust fan	30	Dishwasher	1350
Toaster	1500	CD Player	35
Washing machine	500	Vacuum	500
Iron	1000	Clothes dryer	4000
Clock radio	1	Stereo system	20
Telephone (transmit)	80	Hair dryer	1000
Kettle	2000	Shaver	15
Coffee maker	800	Electric blanket	200
Sandwich maker	2000	Satellite TV	30
Games console (eg, Xbox, PlayStation)	165	Device charger	12
Hot water system	4000		

Please note that this is not an exhaustive list. For information relating to items not on this list, you should refer to the product manual or compliance plate attached to the device.