



harness nature's energy

central west solar

Tel: 02 6363 1527

Fax: 02 6362 8065

# POWER DEMAND PROFILE

Please complete, then email, fax or post to:

Email: [info@centralwestsolar.com.au](mailto:info@centralwestsolar.com.au) Fax: (02) 6362 8065 Post: PO Box 2482, Orange NSW 2800

## CUSTOMER DETAILS

Name

Address

Location of Solar system (if different)

Ph

Mob

## POWER DEMAND - LIGHTING

Location	Number	Watt Rating	Hours / day	Daily Total	Days / week	Energy Star Rating kWh / year
Bed 1						
Bed 2						
Bed 3						
Bed 4						
Bathroom						
Toilet						
Laundry						
Hall						
Kitchen						
Dining room						
Lounge room						
External						
Other						
Other						
Other						
Other						
<b>Total lighting:</b>						

Notes:



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## POWER DEMAND PROFILE (cont.)

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Customer Name: \_\_\_\_\_

### POWER DEMAND - HOUSEHOLD APPLIANCES

Appliance	Number	Watt Rating	Hours / day	Daily Total	Days / week	Energy Star Rating kWh / year
Television						
Video						
Stereo						
Computer						
Printer						
Refrigerator						
Freezer						
Food mixer						
Microwave						
Toaster						
Kettle						
Washing machine						
Iron						
Sewing machine						
Electric blanket						
Vac. cleaner						
Pressure pump						
Power tools						
Other						
Other						
Other						
Other						
Other						
Other						
Other						
<b>Total Appliances:</b>						

Notes: \_\_\_\_\_



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## Guide to calculating Power Demand

Below is a guide to the amount of power in watts that common appliances use.

Actual usage may vary from brand to brand. In particular, fridges, freezers and microwaves will vary considerably.

We recommend that you check the plates on the back for either a watts rating or an amps rating. If the appliance has an Energy Star Rating, please include the Energy consumption figure that is shown on the sticker – e.g. 296 kWh per year.

DEVICE	Watts
Computer	70
Drill	600
Electric blanket double	120
Electric blanket single	100
Electric fry pan	1500
Electric kettle	1500
Electric razor	50
Evaporative air cooler	135
Exhaust fan	240
Fax standby	42
Fax operating	130
Iron	1400
Microwave - medium	600

DEVICE	Watts
Radio	10
Scanner	290
Sewing machine	75
Stereo	100
Toaster	1600
TV - large	120
TV - medium	110
TV - small	100
Vacuum cleaner	1400
Washing machine	600 - 900
Pressure pump	400
Printer	100

### Some Questions to consider:

1. Will the proposed system be grid-connected, or stand-alone?
2. Does this quote apply to a house that is yet to be built?
3. If you answered yes to 2, is the house designed to be solar passive? If you would like to know more about solar passive design, please ask.