

# The Good Solar Guide: Worksheet

## Pg 22 – What Feed-in-Tariff can you get?

Typical feed-in tariff in my postcode  c per kWh

Typical usage tariff in my postcode  c per kWh

## Pg 42 – How much solar can fit on your roof?

[www.solarquotes.com.au/roof](http://www.solarquotes.com.au/roof)

kW on north-facing roof

kW on west-facing roof

kW on east-facing roof

kW on south-facing roof (as a last resort!)

Total system size possible =  kW

## Pg 62 – Benchmark your average daily grid usage.

My annual daily grid usage (from my bill):  kWh

## Pg 64 – Count your phases.

My home has a  phase supply.

## Pg 67 – Controlled/off peak tariff?

I have a controlled load tariff: (Yes/No)

## Pg 76 – Read your meter four times.

	9am	7pm
Sunday		
Monday		

## Pg 77 – Calculate your day and night time usage.

[www.solarquotes.com.au/ucalc](http://www.solarquotes.com.au/ucalc)

Weekly average daytime usage:  kWh

Night-time usage:  kWh

## Pg 92 – Hot water. What is your choice?

- Leave it alone – I'm happy with the condition, reliability, fuel, environmental impact and running costs of my hot water system. I'll just be getting quotes for solar electricity and won't touch the hot water.
- I'll get diverted PV including a new cylinder added to my solar system, and I want to rip out my gas hot water system (I plan to get off gas completely at some point).
- I'll get diverted PV with my solar system, and I can reuse my existing electric hot water cylinder.
- I'm going to get quotes for a heat pump and get the installer to configure it to run in the daytime – predominantly off solar PV.
- I don't mind splashing the cash, I don't want a heat-pump, and I don't want to use my PV for water heating. I'm getting old-school solar thermal hot water.

**Pg 98 – Decide your system size (check it will fit using max system size calculated on pg 1 of worksheet)**

My preferred solar system size will be  kW of panels.

**Pg 107 – Summary so far...**

System size you need:  kW

Your daytime usage:  kWh

Savings if getting solar hot water:  kWh

Typical feed-in tariff available in your area:  c per kWh

Typical usage tariff available in your area:  c per kWh

**- Put the values into [solarquotes.com.au/simplecalc](http://solarquotes.com.au/simplecalc)**

Daily savings: \$

First year's savings: \$

Simple payback:  years

**- Put values [into solarquotes.com.au/calc](http://solarquotes.com.au/calc) for detailed returns.**

**- Print out the detailed analysis.**

**- Go big: Try to 'beat your return' by filling your roof with solar.**

**Has your preferred system size changed?**

Preferred system size  kW

## Pg 113 – Battery net savings.

### Net savings

= usage tariff ( [ ] c per kWh) – feed-in tariff ( [ ] c per kWh)

= [ ] c per kWh

## Pg 114 – Battery Cost & Savings

### Your battery cost

= night-time usage ( [ ] kWh/day) x \$1,000

= \$ [ ]

### Daily savings

= net savings ( [ ] c per kWh) x night-time usage ( [ ] kWh)

= [ ] c per day or \$ [ ] per day

### Yearly savings

= daily savings (\$ [ ] per day) x 365

= \$ [ ] per year

## Pg 115 – Battery Payback

### Payback

= Battery cost (\$  ) ÷ yearly savings (\$  )

=  years