

SOLAR ARRAY ON ROOF

Open circuit voltage: 232 V
Short circuit current: 9.8 A

POWER & WATER AUTHORITY
METER No: 750253
DISPLAY CODES

Cost Reflective Tariffs and Smart Meters

What are Cost Reflective Tariffs?

Cost Reflective Tariffs represent the costs of generating electricity during peak and off-peak periods. Peak period is more expensive because of the load put on generating equipment, whereas off-peak power is cheaper. Cost Reflective Tariffs encourage people to use power in the off-peak periods. By switching consumption to off-peak periods it reduces the overall peak load, which is referred to as load shifting.

Tech Talk

Load shifting is the practice of altering the pattern of energy use so that the load during peak periods is shifted to off-peak periods. This allows a more stable load on generating equipment, can prevent over-loading and power outages, and reduce emissions.

Handy Hint

Look at which appliances in your home could be run in off-peak periods. A good example would be a pool pump/filter. They usually use at around 1000 watts/hour, which is a considerable load. Just set the timer to an off-peak period, minimise the hours per day it needs to run, and start reducing energy consumption and saving money.

Alice Solar City aims to have 350 homes on Cost Reflective Tariffs as part of the residential incentive program. Small businesses will also be able to access a similar package through the Commercial Services program.

Cost Reflective Tariffs

Monday to Friday, 9am - 6pm: 27.27c/kWh (peak)
All other times: 15.35c/kWh (off peak)

Tariffs effective July 2009 - June 2010

Alice Solar City
ENERGY CHAMPIONS City



Australian Government
Solar Cities

Part of the
Australian Government's
Solar Cities Initiative

What will the tariff structure be?

The current tariff structure for residential customers in Alice Springs is available by contacting the Smart Living Centre or by visiting the Alice Solar City or Power and Water websites. Note: Daily fixed charges remain as per a normal account.

What is a Smart Meter?

People who register for the Cost Reflective Tariffs will have their old power meter replaced with a Smart Meter. This new generation Smart Meter reads your electricity consumption every 30 minutes and can display the information inside your home on an LCD display. You can then track your electricity use all day, every day, helping you make smarter decisions about when and how you use electricity.

Why should I participate?

Peak loads in Alice Springs continue to increase. This is due to a number of factors, in particular the increased use of refrigerative air conditioners. As a community, we have a choice – invest in more expensive energy infrastructure or flatten the peaks of power demand. The Smart Meter will give you accurate information about your energy use. The LCD touch screen tells you how much electricity you are using at any time, what it is costing you and it can even provide historical data.

Will I be worse off?

No. Householders will be protected by a 'no worse off safety net'. If you find that your bills are higher under the Cost Reflective Tariff compared to the normal flat rate, simply bring your bill to the Smart Living Centre, who will arrange for a credit to be sent to Power and Water on your behalf.

Who is eligible?

If you live in Alice Springs, you are eligible to apply for the Cost Reflective Tariff package through the residential services program. There is no charge, however the householder must make a minimum 12 month commitment.

How do you apply?

Simply visit the Smart Living Centre to apply for the Cost Reflective Tariffs. Once your application is received, Power and Water will contact you to arrange a time to install your Smart Meter. They will also install your in-house display at no charge. You'll then be able to monitor your electricity usage closely and your electricity tariff will change to Cost Reflective Tariffs.

Need more information?

Come and see us at the Smart Living Centre or phone us on **08 8950 4350**, email **info@alicesolarcity.com.au** or visit our website **www.alicesolarcity.com.au**

Location: 2/82 Todd Street (opposite Civic Centre)

Opening hours: 9am to 6pm, Monday to Thursday and 10.30am to 5pm, Friday