



# SOLAR & IRRIGATION

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<b>SOLAR SYSTEM</b>	<b>kWh per day saved</b>	<b>T62 saving per day</b>	<b>T65 saving per day</b>
5kW	22.5	\$7.23	\$6.17
10kW	45	\$14.46	\$12.33
15kW	67	\$21.69	\$18.50
20kW	90	\$28.92	\$24.66
30kW	135	\$43.38	\$36.99

## Account Summary

Previous Account	\$663.15
Payment received 29/08/13	\$663.15 CR
<b>Outstanding Balance of this Account</b>	<b>\$0.00</b>
Electricity Charges	\$557.95
Queensland Solar Scheme	\$0.00
<b>Total New Charges</b>	<b>\$557.95</b>
<b>Total Amount Due</b>	<b>\$557.95</b>

## Important

Your bill amount could be higher or lower than expected as your previous account was estimated because no fault of customer.

From 1 July 2013, the notified tariffs for Queensland customers changed. For meter reads after 30 June 2013, your bill will be calculated on a pro rata basis using new tariff rates from and including the date of the change. For more information, please visit [ergon.com.au](http://ergon.com.au)

**Total Due**

**\$557.95**

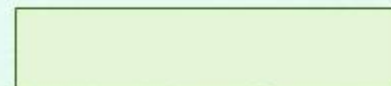
**Pay By**

**26 SEP 2013**

## Supply Details



Premises Address



Tariff Class Description

Standard Asset Customer  
Small (<100MWH pa) - East

Feeder Number



Feeder

Substation

TVS2767NS

Primary Network Tariff

EVL2

**Next Meter Read (approx)**

**03 OCT 2013**

## Compare Your Usage



**Savings as a result of the 13kW solar system**

Average daily cost  
(inc. GST) **\$19.24**

13kW solar system was installed in July 2013

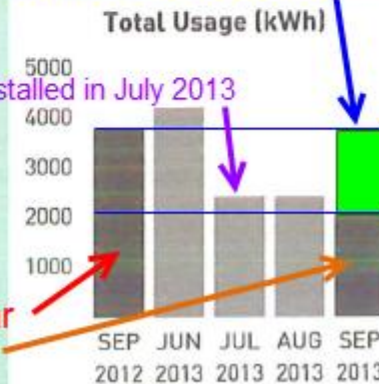
Average daily usage  
(kWh)

This account

**69.7**

Same time last  
year

**134.4**



Sept 2012 without solar

Sept 2013 with solar

Every home owner and business throughout the world is doing everything they can to reduce power consumption.

LED lighting is reducing some shops by 12kW a day.

Inverter air conditioning can reduce your power by half.



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- ▶ People are changing their stoves and hot water to gas.
- ▶ Businesses are installing efficient drives and motors that are using a third of the power they did 10 years ago.
- ▶ LED lighting, inverter Air Conditioning and replacing motors is expensive.
- ▶ The electricity consumer is turning to solar because it is the simplest and most cost effective way to reduce consumption.



# GOVERNMENT REBATE RISK -

- ▶ Currently there is a government rebate that reduces the price you pay for solar.
- ▶ A 5kW solar system draws a rebate of \$3600
- ▶ 10kW = \$6210
- ▶ 20kW = \$14000
- ▶ 30kW = \$23000
- ▶ The Abbot government looks like reducing this or removing it.

# WHAT THAT MEANS IS-

You will now have to pay full price.

A 5kw system is \$9,500 with no STC rebate you will have to pay \$13,100

If you require a 30kW system you will have to pay an extra \$23,000



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# METHODOLOGY OF SOLAR –

- ▶ When you install solar you are locking your daytime price for power at 5c for the next 25 years.
- ▶ 5kW system makes 20kW per day and 182500kW for 25 years -  $\$9,500 / 182500\text{kW} = 5\text{c}$
- ▶ You pay 33c per kW T62  $182500\text{kW} \times 33\text{c} = \$60,225$
- ▶ Put a 20% increase on that and you pay - \$72,270
- ▶ What would you prefer, \$9500 or \$72,270 over 25yrs.



# BUYING A LUMP SUM OF POWER –

- ▶ If you purchase a 5kW system you have paid for 182500kW in advance for the life of the system
- ▶ You have purchased 20kW a day for the rest of it's life.
- ▶ You will not use 20kW a day for 365 days of the year because you do not pump 365 days per year
- ▶ The more you pump the more you save.
- ▶ Heavily used pumps are the right pumps for solar.





















COMBINED METAL

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