SOLAR & IRRIGATION

Paul Horan
Ayr Branch Manager

www.horanandbird.com.au
<table>
<thead>
<tr>
<th>SOLAR SYSTEM</th>
<th>kWh per day saved</th>
<th>T62 saving per day</th>
<th>T65 saving per day</th>
</tr>
</thead>
<tbody>
<tr>
<td>5kW</td>
<td>22.5</td>
<td>$7.23</td>
<td>$6.17</td>
</tr>
<tr>
<td>10kW</td>
<td>45</td>
<td>$14.46</td>
<td>$12.33</td>
</tr>
<tr>
<td>15kW</td>
<td>67</td>
<td>$21.69</td>
<td>$18.50</td>
</tr>
<tr>
<td>20kW</td>
<td>90</td>
<td>$28.92</td>
<td>$24.66</td>
</tr>
<tr>
<td>30kW</td>
<td>135</td>
<td>$43.38</td>
<td>$36.99</td>
</tr>
</tbody>
</table>
Account Summary

**Previous Account**
- **Amount received**: 29/08/13
- **Amount CR**: $663.15

**Ending Balance of this Account**
- **Balance**: $0.00

**New Charges**
- **Electricity Charges**: $557.95
- **Insland Solar Scheme**: $0.00

**Total Amount Due**
- **Total Due**: $557.95

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**Important**

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

On 1 July 2013, the notified tariffs for Queensland customers were 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 our website at www.horanandbird.com.au

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**Supply Details**

**Premises Address**

**Tariff Class Description**
- Standard Asset Customer Small (<100MWH pa) - East

**Feeder Number**
- TVS2767NS

**Substation**
- EVLT2

**Primary Network Tariff**

**Next Meter Read (approx)**
- 03 OCT 2013

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**Compare Your Usage**

Savings as a result of the 13kW solar system

<table>
<thead>
<tr>
<th></th>
<th>Average daily cost (inc. GST)</th>
<th>Average daily usage (kWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>This account</td>
<td>$19.24</td>
<td>69.7</td>
</tr>
<tr>
<td>Same time last year</td>
<td></td>
<td>134.4</td>
</tr>
</tbody>
</table>

**Total Usage (kWh)**

- **Sept 2012 without solar**: 3000
- **Sept 2013 with solar**: 1000

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13kW solar system was installed in July 2013.
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.
- 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.
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
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 / 182500kW = 5c

You pay 33c per kW T62 182500kW x 33c = $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.

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