

# SolarPeak® NEWS

14 years ago SolarPeak started it's N.Z. mission to provide the best product and installation techniques !

November 2014

## Solar - the best investment !

By Glenn Harvey - SolarPeak

### The true cost of water heating

Most people don't understand just how much energy is required to heat water.

In fact, to heat 300 water litres from Temp 14 Celsius to Temp 60 Celsius at a tarrif of 27 cents, it would cost about \$4.92

This excludes heat losses from the storage cylinder.

So for families that use 1 tank of hot water per day, that can amount to \$149.00 per month just for water heating.

Using a small powerful SolarPeak AP 30 water heater to heat your 300 litre stored water is like having a 2.0kw element on your roof that is powered by the sun. The efficiency is so good that in the summer on dull days you still get great heating.

### SOLAR ELECTRIC HEATING

Yes, customers are very keen to install PV to the grid and yes PV is suitable for many homes but, a re think is now required to the sizing given the tarrif slashing by up to 65% by energy retailers - Contact and Meridian. Still a good investment to offset daily power ( used power from the roof) as long as the system does not require an inverter replacement every 6 - 8 years.

### OPPORTUNITIES

Hot water still is one of the most expensive items in homes and commercial activities. The slashing of the PV feed in tarrif reflects the energy privatization model that has come about from selling Kiwi taxpayer built energy companies such as Mighty River-Contact Energy-Meridian and Genesis.

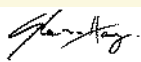
Where to from here? Higher power prices for sure as solar continues to impact on revenues from the big power companies trying to maintain shareholder returns.

### Install of the Month

A 10 kW AC PV system in Timaru required some careful planning as it needed to be snug around dormer windows and be split across 3 phases. Planning really works in these situations.

**HAPPY TIMES AS THE XMAS BREAK ARRIVES. Here's to a well deserved hard earned break.**

All the best from SolarPeak.

  
Glenn Harvey

  
**SolarPeak**  
FREEPHONE:  
0508 4689 28  
www.solarpeak.com  
My mobile: 021 328 538

## FUTURE PROOF WITH SOLAR? YOU BET!



10 kw Timaru  
install over 3 phases



NEW APARTMENTS

80 tubes to an  
1100 litre store



The peel forest outdoor pursuits centre  
SolarPeak collectors to heat water



A recently installed 30 tube collector  
to an off grid home



A 20 tube thermal and 1 kw PV  
perfect for this group home builder



3 kw grid tied  
Northland



Nice -30 tubes west coast  
south island



Catching sun from behind  
a great tube advantage!



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