

The **WORLD'S** most powerful Solar Thermal Systems

As certified by the US governments SRCC solar certification process, May 2011



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with the highest certified output in the world for solar thermal collector and system

UP to 483% efficiency compared to one of the worlds leading Flat Plate's
UP to 195% efficiency compared to one of the worlds leading CPC vacuum



as certified by the US Government's mandatory solar thermal testing comparison carried out in Palo Alto, California, 2011.

The most powerful solar thermal !

- **Who says so ?**
- SRCC US Government Certification process
 - Up to **483%** power output (kWhrs per day) when compared to the world's leading flat plate solar collector
 - Up to **195%** power output (kWhrs per day) when compared to the world's leading CPC vacuum solar collector
 - Up to **2,200%** power output (kWhrs per day) when compared to one of the USA's leading solar collectors
- *Also AS/NZS2712:2007; AS/NZS4234:2008, EN12975:2006, ENERGY STAR 2011*
- Highest collector certification of **783 kWhrs/m²**

"the most performance certified solar thermal collector in the world"

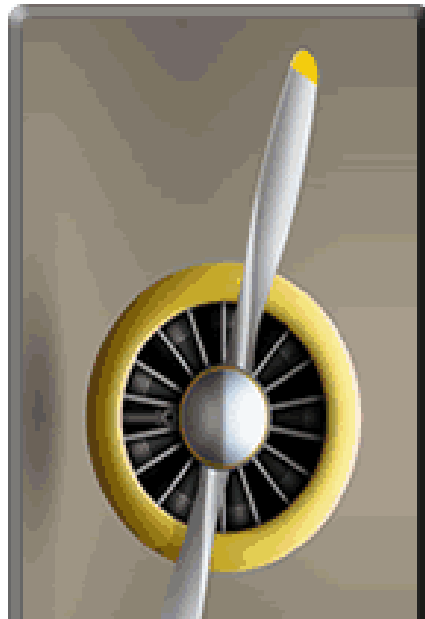
783 (ASINZS 4234 2010)





using **the new future of high power solar thermal technology**

Legacy Solar Thermal



Surface Power Solar



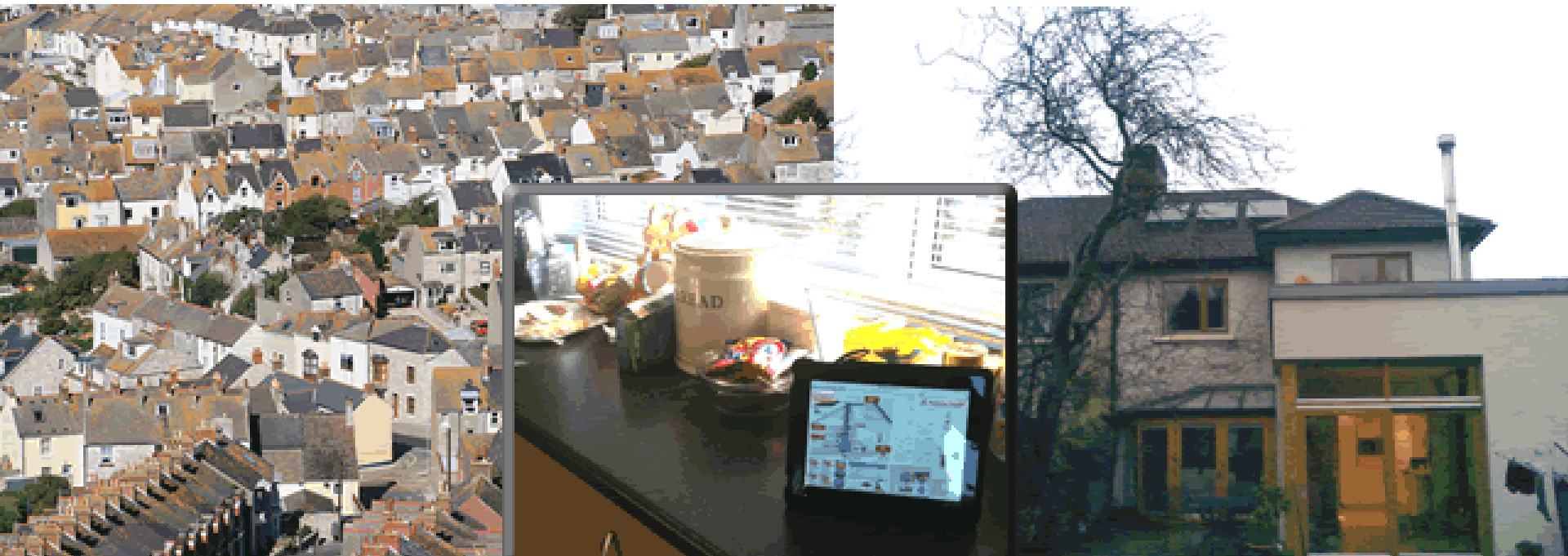
with **Utility scale critical FREE ENERGY SOLAR** heating and cooling systems

Hospitals, Hotels, Nursing Homes, Schools, Public Buildings, etc



with **Domestic scale FREE ENERGY** **SOLAR** heating and hot water systems

ONLINE with realtime performance optimisation using MPPTt



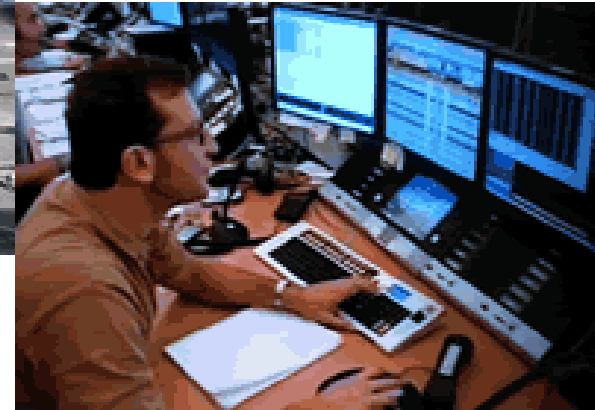


MPPTt

- Maximum Power Point Tracking – thermal
- Breakthrough performance
- Replaces old style DTC (differential temperature control)
- Runs at HIGH POWER – 10C to 20C
unlike DTC which runs between 3C to 7C
- Up to 7 times more power per sqm in domestic solar systems (*more in commercial systems, increases with sqm*)

with outstanding solar air-conditioning

22 times more BTU's per sqft versus a leading US solar collector

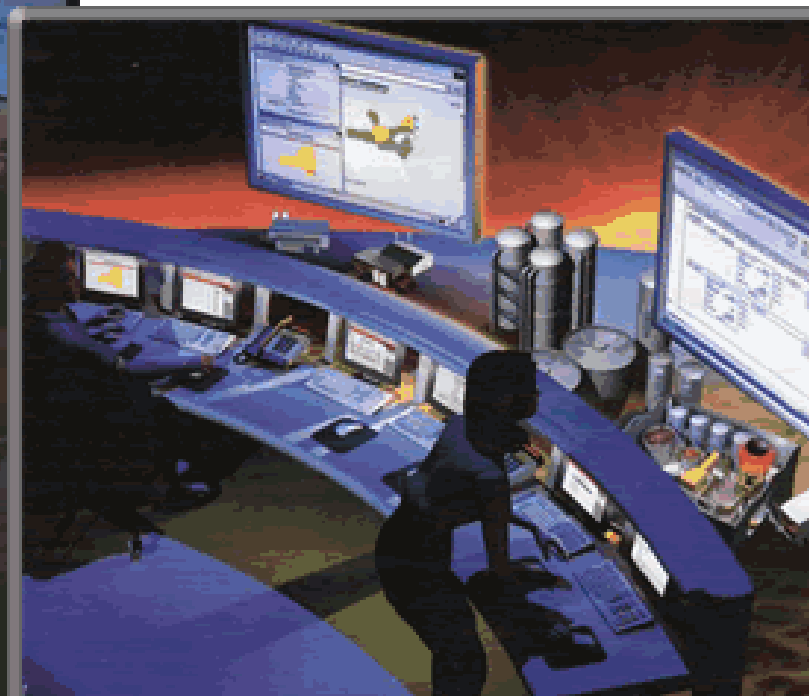


as certified by the US Government's mandatory solar thermal testing, output per sqm aperture per day.

22 times more powerful for Air Con

- That's 1 sqm of Surface Power versus 22 sqm's of one of the leading USA solar collectors when used for high temperature Air Conditioning
- Huge savings on
 - Cost
 - Roof space
 - Time

with the new future of SMART grid solar thermal management



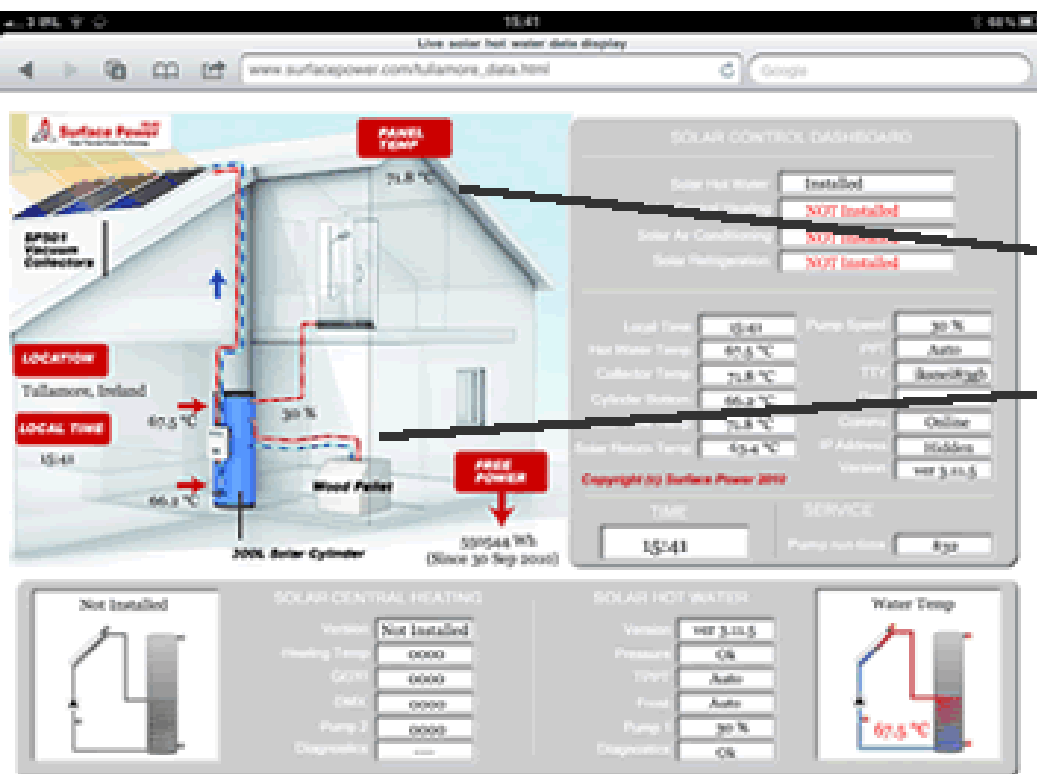
with superior product quality for long life and ongoing performance



- . EN12975:2006
- . AS/NZS2712:2007
- . AS/NZS4234:2008
- . ENERGY STAR
- . SRCC



with real HIGH Solar Temperatures even in Winter



Collector temp @ 71.8C

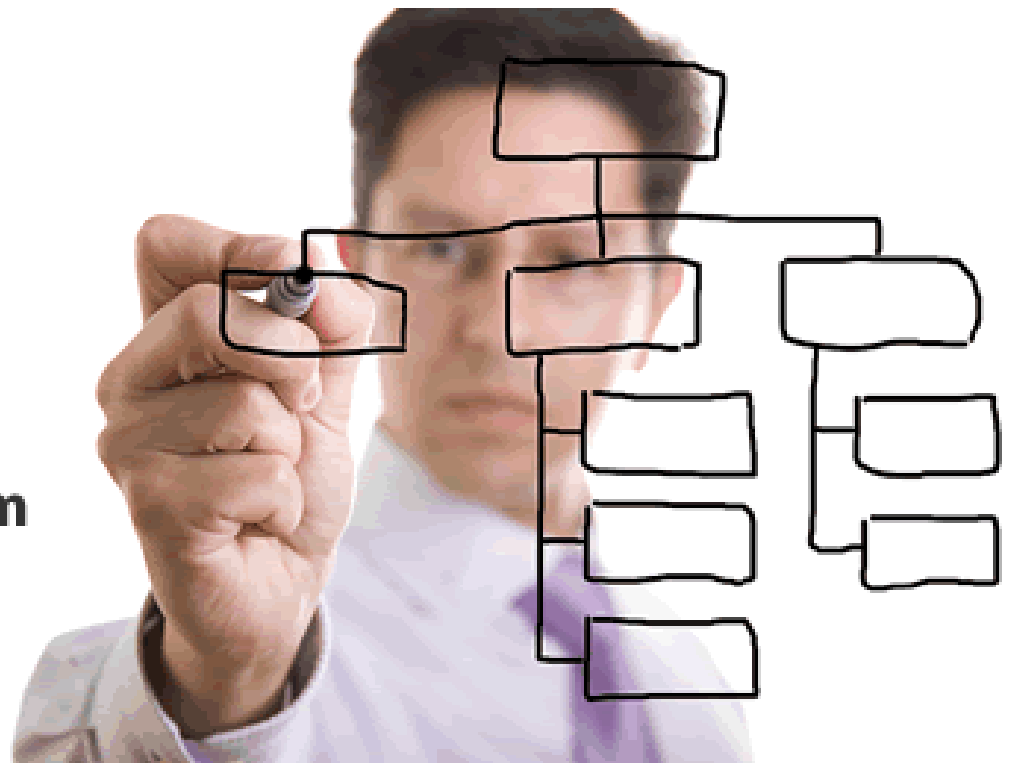
Cylinder temp @ 66.3C

**with worldwide support direct or from
our partners**

**Need help making
those plans a reality**

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