



Family Friendly Solar Installed on The Health Care Centre, Morwell

The Health Care Centre in Morwell has installed a 50 kilowatt grid-connected solar PV system to drastically reduce their energy costs. In addition they have replaced energy-hungry light fittings with economical LEDs, saving tens of thousands of dollars per year.



Location	Morwell
System size	50KW
Estimated Annual Production	73000kwh
Estimated Annual Carbon Offset	78 tonnes
Solar Panels	193 solar panels
Solar Inverters	2 SMA Solar Inverters
Mounting	Clenergy
Completed Date	June 2015
Monthly Savings	\$1850
Annual Savings	\$22,200

The suppliers, designers and installers of the system, Aus1 Energis Ptd Ltd, reported that The Health Care Centre had already reduced its monthly electricity bill from \$2950 down to \$1100 with annual savings of more than \$22,000.

THCC's owner and practice manager, Mr Teddy Apostle, says, "we're very happy with the product and service supplied. I have recommended and will recommend Energis in the future." Energis installed 178 LED light fittings including T8 tubes and oyster lights, replacing hot, power-guzzling old light fittings.

Whilst the above figures appear incredible, the PV system and LEDs installation comply with all Australian Standards, local government and electricity distributor regulations and requirements. These savings will continue for the life of the PV system, which has a warranty of 25 years. The system will have paid for itself within 3.9 years. The solar power system is essentially paying for itself and creating an asset for the business from their expense account.

Energis Sales Director, Mr Deepak Sharma, described the installation as a convergence of technology with financial good sense. Deepak stated, "Here is a business consuming 350kWh of electricity, on average, every day, whilst the sun is shining. Why not use the sun to generate the electricity being consumed?". "It's a no-brainer."