

SUCCESS STORY

YASS VALLEY AGED CARE

Yass, New South Wales, Australia



INSTITUTIONAL



INSTALLATION

Customer	Yass Valley Aged Care
Project	Rooftop Installation
Location	Yass, New South Wales
Size	100 kWp
Module Type	250W YGE Polycrystalline
Connected	November 2013
Installer	Ygrene Energy

TECHNICAL SPECIFICATIONS

Number and Module Type	400 x YGE 250W
Annual Energy Yield	150,000 kWh
Inverter	SolarMax MT Series
Orientation	30 degree tilt
CO2 savings pa approx	151,786 kg

LONG-TERM POWER CERTAINTY

Yass Valley Aged Care operates two aged and home care services in spacious grounds on the north sides of Yass – Horton House and Warmington Lodge.

Faced with ever increasing overheads, the General Manager looked to solar to help reduce costs and provide the facility with clean power, meeting the majority of the facility's electricity consumption. Ygrene Energy chose to install a 100kWp Yingli Solar system because of Yingli's excellent reputation for long-term performance.

The solar system provides not only cost savings but also bankability with the cost of electricity secured for the life of the system. This will in turn also allow funds to be used in other areas of the facility and promote future growth. The 100kWp installation is expected to save Yass Valley Aged Care \$52,800 in the first year.

Future proofing long-term price rises in electricity

“The installation was seamless and the system has been perfect. It was fabulous working with Ygrene Energy and I am delighted to have a quality Yingli Solar solution that not only facilitates the production of our solar energy but also helps secure our future energy.”

– Rowena Abbey, Board Member, Yass Valley Aged Care



KEY BENEFITS OF THE SYSTEM

- Cost savings with an extremely short payback period of 2.8 years
- Power supplied for the equivalent of 18 homes
- CO2 savings of 151,786 kg per annum
- The estimated annual energy yield was over 150,000 kWh, actual production was 152,000 kWh.
- The business saved \$43,000.00 in the first year