

SUCCESS STORY

CASS BROTHERS FINE BATHROOMWARE

Petersham, New South Wales, Australia



RETAIL



INSTALLATION	
Customer	Cass Brothers Fine Bathroomware
Project	Rooftop Installation
Location	Petersham, N.S.W
Size	50 kWp
Module Type	250W YGE Poly-crystalline
Connected	March 2014
Installer	Meridian Solar
TECHNICAL SPECIFICATIONS	
Number and Module Type	200 x YGE 250w
Annual Energy Yield	73,000 kWh
Inverter	3 x SMA 17000TL
Orientation	North (15% Tilt)
CO2 savings pa approx	84,000 kg

BATHROOM SHOWROOM SOAKS UP SOLAR SAVINGS

Established in 1972, Cass Brothers Fine Bathroomware originally started as a small bathroom plumbing supply business in Petersham. Since then Cass Brothers has grown and expanded its horizons to become one of the pre-eminent designer bathroom supply houses in the country.

Cass Brothers has rejuvenated countless bathrooms in the Harbour city and now has two flagship bathroom showrooms. It was important for the directors to ensure that they managed their costs efficiently as the business has grown.

As part of this, the company looked at their energy bills and realized that solar power offered a great way to reduce their ongoing costs, as their peak electricity needs matched solar's highest period of production.

The 50kWp Yingli Solar system has an expected payback time of under 5 years and should reduce total electricity consumption from the grid by 30%. This will result in savings of approximately \$16,790 per annum and an internal rate of return of 27.1%.

Matching retailer's energy needs

“ Installing solar was a no brainer for reducing our day to day overheads, improving the long-term resilience of the business. Meridian Solar did a seamless and professional job installing a high efficiency 50 kWp Yingli Solar system at our Petersham premises. We are looking forward to the energy savings! ”

– Paul Prineas, Director, Cass Brothers Fine Bathroomware



KEY BENEFITS OF THE SYSTEM

- System payback of 4.4 years
- Annual CO2 savings of 84,000 kgs
- Return on investment is 22.9%
- Net present value (7% discount rate) totals to \$219,670.00
- Estimated savings over 25 years is set to be \$726,974.00