

## PROJECT SHEET **Monash University, Berwick Campus VIC** 118kW PROJECT

Monash University is an organisation committed to leading innovation and best practice in sustainability. This includes incorporating environmental and social responsibility considerations into all aspects of the University's procurement policies, strategies and methodologies. Through the procurement process the University aims to reduce waste, energy green house gas emissions and water.

Monash University has eight campuses, six in Australia, one in Malaysia and one in South Africa, as well a centre in Prato, Italy. The University required the supply and installation of a PV system with highest possible power output within the allocated budget threshold on 10 nominated roofs across three buildings at the Berwick Campus in outer Melbourne.

As the principle contractor, commsolar used its design experience and installation expertise to work with the University to design & install over 1500 thin film PV panels across the 10 roofs on 3 buildings. Other key elements of the system include a Benchmarking area displaying 5 different PV panel technologies on adjustable tilt frames for student evaluations, a weather station, and a public display function with a monitor in the main foyer showing system performance & weather condition.

The project scheduling was adjusted to suit exam timetabling to ensure minimum disruptions to students completing their end of year exams. Commsolar continues to drive and to develop its capabilities to expand into new markets. The experience of developing innovative solutions for large installations for high profile clients, such as Monash University is a strategy that will be replicated in other markets in Queensland, New South Wales, and Western Australia.

This project demonstrates that commsolar, as a principle contractor, has the capacity to deliver innovative and cost effective solutions to its clients with minimum disruption to the client's normal activities.



### PROJECT DETAILS

**Client:**

Monash University

**Approximate value:**

\$500,000

**Total output:**

Approx 148 MW-hours annually

**Contract type:**

Prime Contract Lump Sum

**Timelines:**

Nov 2010 - Feb 2011

**Panels:**

1,500 x 77.5W First Solar Thin Film CdTe

**Inverters:**

3 x SMA SMC5000 Inverters  
7 x SMA SMC10000 Inverters  
2 x SMA SMC11000 Inverters

**Location:**

Berwick, VIC

