

SPECIALIST PUBLIC SCHOOL IN AUSTRALIAN CAPITAL GOES SOLAR

Malkara Primary School

Canberra, Australia: Malkara Primary School has installed a Fronius Symo 10.0-3-M inverter to increase its solar PV capacity from 10 kWp to 20 kWp whilst offsetting its electricity costs.

Being a school, energy requirements are primarily during the day when the solar PV system is generating power. The majority of generated electricity is consumed during the school week with the energy sourced during the weekends being sent back to the grid.

The system was installed by the experts from Power Saving Centre Canberra. The decision to opt for Fronius was due to the flexible sizing options, three-phase capability, wide input voltage range and 2 MPPTs. In alignment with Fronius' vision of 24 hours of sun, Power Saving Centre are also a big believer of a future powered by renewable energy sources *"we understand that investing in renewable energy solutions now will pave the way for smarter, more energy efficient technologies in the future."*



OUR SOLUTIONS:

/ Our SuperFlex design makes our inverters very flexible with two MPP trackers, a high system voltage and wide DC input voltage range



SYSTEM DATA	CANBERRA, AUSTRALIA
Size of installation	10.26 kWp
System type	Roof-top installation
Inverter	1 Fronius Symo 10.0-3-M
Commissioned	April 2017
Annual yield	Approx. 11.7 MWh
CO ₂ savings / year	Approx. 6.2 t
Special feature	Self-consumption rate of approx. 70%