



# CASE STUDY

## Balcombe Grammar School, Mount Martha



GRID-CONNECTED SYSTEM

**99kW**



Rebates Supplied

**STCs - \$36,113 value**



REDUCED CARBON EMISSIONS

**102 Tonnes p/a**



SUPPLY PER ANNUM

**311,730 KWH**



PREDICTED COST SAVINGS

**\$13,497 p/a**

### SUMMARY

Balcombe Grammar School is a Primary and Secondary school managed by CSV Limited. Their vision is:

*To provide a sustainable, inclusive, high-quality learning environment that creates opportunities for personal challenge and success.*

Located in Mount Martha, VIC they wanted a solar energy system to complement their mission cornerstone of sustainability.

Energy Makeovers were contracted to design, supply and install this large-scale grid-connected solar PV system. They now have a **99kW grid-connected solar energy PV system comprises 198 Tina 500Watt solar panels and 1 110kW Sungrow SG110CX Solar Inverter.**

### CHALLENGE & SOLUTION

Energy Makeovers installed the system on the roof of the admin building during their school holiday period. This ensured no interruption to school pupils and their daily learning.

The system is expected to generate, on average 124,045kWh/ Year or 339.8kWh /day and reduce carbon emissions by approximately 102 Tonnes of CO2 per annum and keep the school in-line with their public mission.

And thanks to federal incentives, they were able to take advantage of STCs and reduce the overall cost of the project by \$36,113.



Call **1300 788 776** or visit [www.energymakeovers.com.au](http://www.energymakeovers.com.au)