

# Roband Australia. Case Study

## 100 kW Solar PV & LED Lighting Upgrade



Solar production

**150 MWh / year**



Projected savings

**\$30,000 / year**



Payback period

**4 years**



Ecovantage Pty Ltd  
16/71 Victoria Crescent  
Abbotsford VIC 3067  
1300 721 335  
ecovantage.com.au



Roband Australia  
1 Inman Rd  
Cromer NSW 2099  
(02) 9971 1788  
roband.com.au





Roband is an Australian company with a trusted name in the food service equipment industry for decades. They operate not only as a manufacturer and exporter of the Roband® brand, but also as an importer and distributor of top-tier kitchen and hospitality products within the Australian market.



## The Collaborative Project

Roband's sustainability journey began when they partnered with Ecovantage to complete an LED lighting upgrade at their NSW factory and office. In the process, Ecovantage identified additional energy-saving opportunities through the assessment of Roband's energy bills.

Ecovantage proposed a significant solar installation on Roband's north-facing roof, offering both cost savings and environmental benefits. Through close collaboration, Ecovantage developed a three-pronged strategy to cut costs and reduce their environmental impact, which also included improving their energy contract.

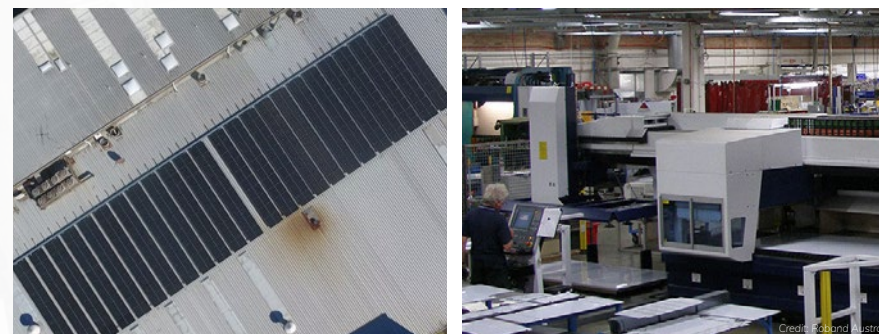


## A Multi-Technology Approach

To enhance energy efficiency, Ecovantage employed a custom multi-technology approach, tailored to Roband's energy needs.

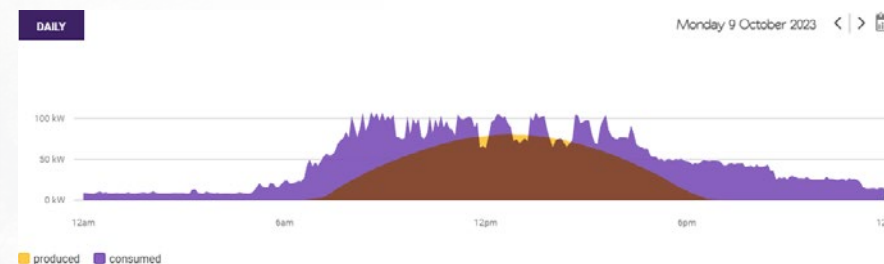
The core of this solution was a cutting-edge 100kW LONGi solar system. This installation was expected to significantly impact Roband's energy consumption.

Additionally, Ecovantage implemented LED lighting upgrades across Roband's office spaces and factory.



## The Outcome

The partnership between Roband and Ecovantage has yielded remarkable results. Thanks to these energy-saving initiatives, Roband is projected to save \$30,000 in energy costs annually. In an era where energy rates are rising rapidly, these savings are expected to grow in value over time.



Graph: Live data from the inverter showing actual solar production compared to consumed energy on 9 October 2023.