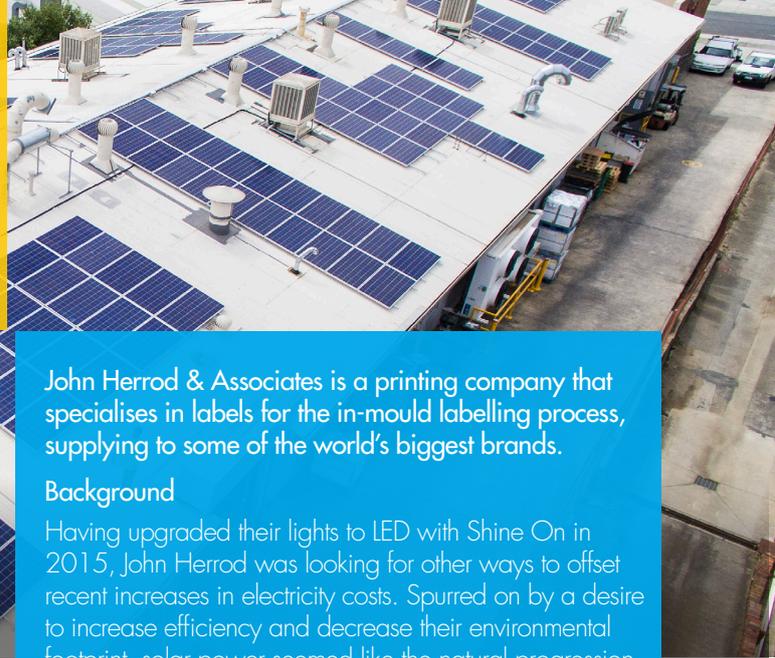


Case study: John Herrod & Associates



Energy: Solar



Industry: Industrial

John Herrod & Associates is a printing company that specialises in labels for the in-mould labelling process, supplying to some of the world's biggest brands.

Background

Having upgraded their lights to LED with Shine On in 2015, John Herrod was looking for other ways to offset recent increases in electricity costs. Spurred on by a desire to increase efficiency and decrease their environmental footprint, solar power seemed like the natural progression.

The project

John Herrod had looked over a number of quotes before they entrusted Shine On once again to deliver the project. We provided a detailed feasibility report that included: a full review of their annual usage; solar irradiation data; comprehensive PV design and complete financial return expectations. The 99.84kW solar solution gave them access to upfront government subsidies while generating 15% of their annual power usage. The installation was successfully completed to a compressed time frame to meet client requirements.

Results

The system produces approximately 116,915 kilowatts per annum which is equivalent to powering 17 average Australian homes. This means savings for John Herrod will be in the region of more than \$600,000 over 25 years.

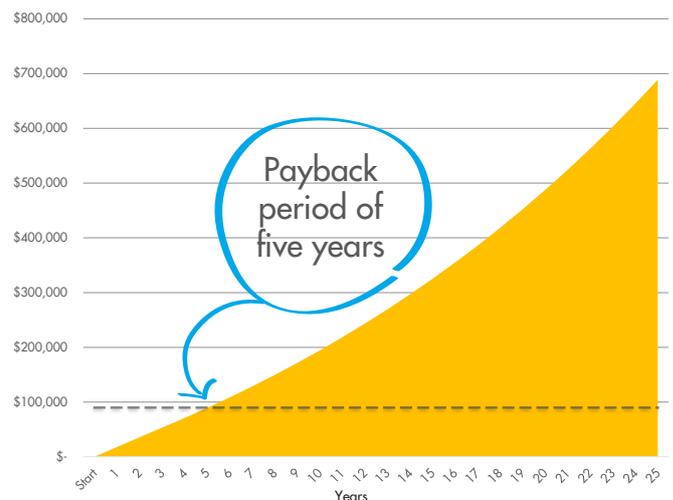
System details

System size	99.84 kW
Solar panels	JA320Wp x 312
Solar inverters	Fronius Eco27kW x 3
Monitoring solution	Smart Meter Level

Statistics

Estimated annual energy production	116,915 kW
Contribution to site's electricity needs	15%
First year electricity cost savings	\$17,886
Payback period	5 years
First year return on investment	27%
Total 25 year savings:	\$599,096
	2,610 tonnes CO2 offset

Savings and payback achieved



"We worked with Shine On for our LED upgrade which went really well and this solar project felt like the natural progression. The installation went seamlessly, the tradespeople were professional and efficient, and I can highly recommend Shine On to anyone looking to install commercial solar on their premises".

Chris Scott
Director, John Herrod & Associates

