

Case Study

Vantage Fuels

Solar Energy | LED

Challenge

A family owned company since 1985, Vantage Fuels is an independent fuel and convenience retailer supplying fuels, lubricants, Unigas LPG as well as a variety of convenience items. With twenty nine BP service stations across regional Victoria, Vantage Fuels were interested in reducing their energy consumption and carbon emissions.

As installations were completed in petrol stations, specific safety measures were undertaken to reduce risk in the highly combustible sites. Vehicles entering and exiting the stations further complicated the installations. All sites had to be well lit to make the stations eye-catching and prominent in the evenings.

Solution

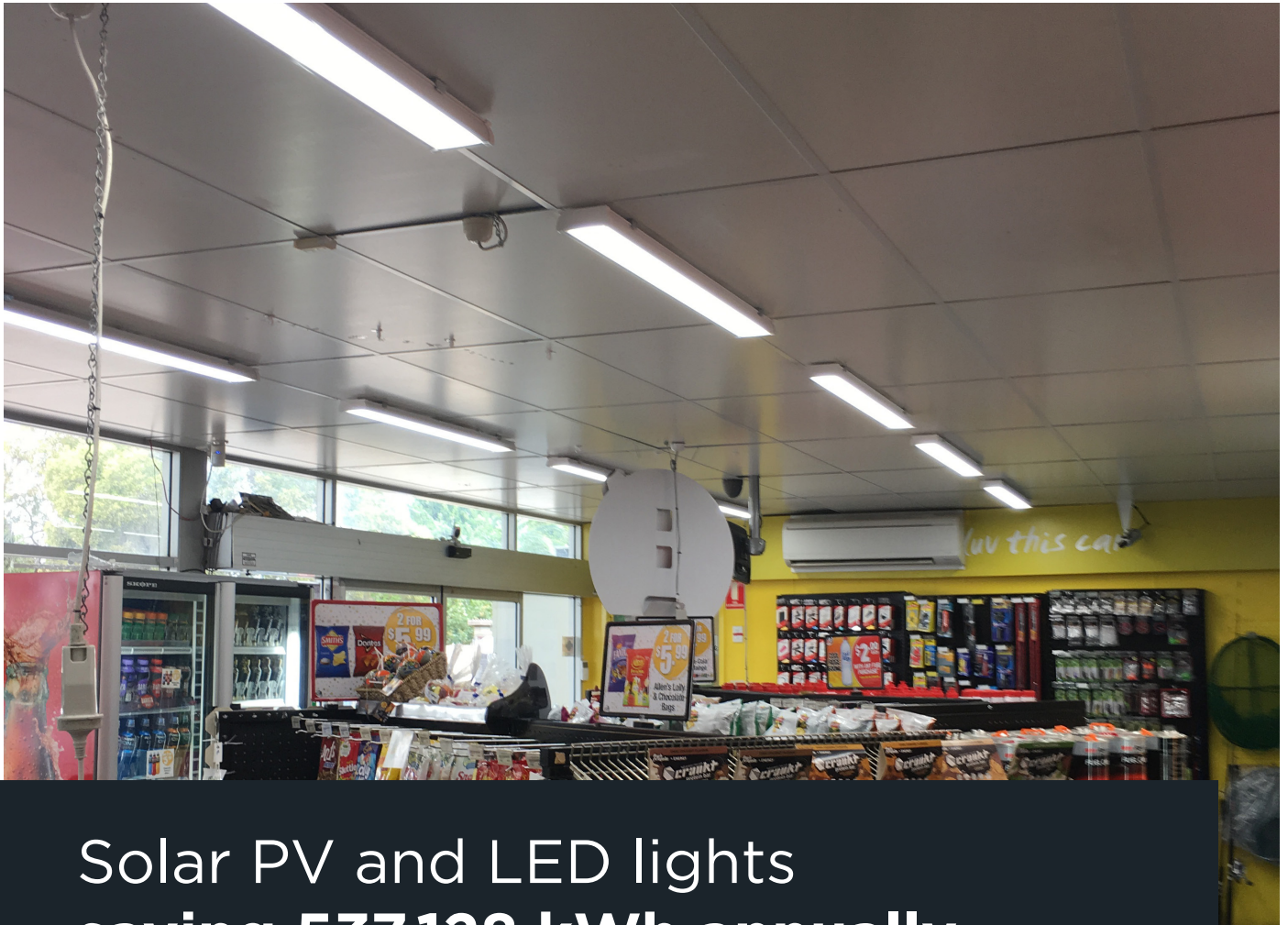
For increased safety, Cherry completed all rail cuttings and other work off site to minimise risk at the stations. Traffic control was necessary to ensure panels were transported and installed without interference from vehicles. Motion sensors were fitted to lighting to maximise power savings.

The installations spanned 14 sites with over 966 lights upgraded to LED and a 30kW solar PV system installed at Mansfield station. Vantage Fuels now save a massive \$91,907, 505,363 kg CO₂ and 537,128 kWh per annum, equivalent to removing 107 vehicles off the roads for one year or 8,356 seedlings grown for ten years!

Annual savings of nearly

\$92,000 per annum





Solar PV and LED lights
saving 537,128 kWh annually

