

Case Study

CNP Brands



? THE SITUATION

CNP Brands is one of the leading manufacturers, importers and distributors of a broad range of nursery products. With a large factory in Derrimut, VIC and long operating hours, more than 60% of CNP Brands' energy usage could be attributed to lighting.

In addition to cutting their energy bills, CNP Brands were interested in improving their lux levels, working environment and environmental footprint.

✓ THE SOLUTION

CHERRY LED

A combination of lights from the VIVA LED Troffer, ARGO LED Corn Light and FORTIS LED Tube ranges were installed and led to an enormous reduction in energy expenditure of 75%! The new lights will last for more than 50,000hrs, saving CNP Brands an additional \$4,168 in maintenance costs and a grand total of more than \$31,000 every year! The high lumen output is now providing optimum conditions for product manufacturing and exhibition.



SAVINGS ON LIGHTING COSTS

\$31,529 PER ANNUM



EMISSIONS REDUCTION

176,942 KG CO2



CHERRY SOLAR

CNP Brands combined their LED lighting upgrade with the installation of a 70kW solar system, made up of 270, 265W Q CELLS panels and Fronius inverters. The new solar system will generate 93,8621 kWh per annum, equivalent to more than \$21,798 every year.



AVG. VALUE OF ENERGY PRODUCED

\$21,798 PER ANNUM



EMISSIONS REDUCTION

113,284 KG CO2



Leading Australian energy efficiency specialist that has more than 8 years experience designing and manufacturing LED lights of the highest quality. Cherry Energy Solutions is a 100% Australian owned and run company.