

Case Study

Princes Hill Secondary College



? THE SITUATION

Established in 1889, Princes Hill Secondary College in Carlton North provides education for 840 students from Years 7-12. With over 2,000 light fittings throughout the school, Princes Hill was aware that a considerable amount of its energy expenditure could be attributed to lighting. In addition to reducing their lighting bill, the school wanted to investigate the opportunity to install a solar system.

CASHFLOW
POSITIVE FROM
DAY 1

✓ THE SOLUTION

CHERRY LED

Princes Hill opted to retrofit their existing light fittings with a combination of Cherry LED T8 tubes, IQ Smart Lamps, LED troffers and LED corn lights. The lights will lead to a reduction in energy expenditure of 66% and due to a large range of Cherry LED lights being approved under the Victorian Energy Efficiency Target scheme, the school received government rebates of over \$24,000 to help contribute towards the cost of the upgrade.



SAVINGS ON LIGHTING COSTS

\$24,693 PER ANNUM



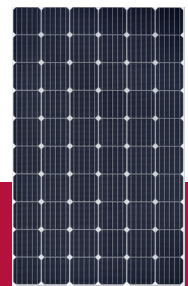
EMISSIONS
REDUCTION

176,942 KG CO₂



CHERRY SOLAR

Princes Hill combined their LED upgrade with the installation of a 42.5kW solar system. Made up of 162 Renesola panels, Solis inverters and fixed to the roof with premium Clenergy mounting gear, the system will on average generate 55,589 kWh of energy and will lead to emissions reductions of 67,265 kg CO₂.



AVG. VALUE OF ENERGY PRODUCED

\$11,941 PER ANNUM



EMISSIONS
REDUCTION

67,265 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.

CHERRY  **ENERGY SOLUTIONS**