

Vulcan Steel

This proposal provides an energy consumption and cost analysis for Vulcan Steel Pty Ltd and includes a retro-fit solution which will significantly reduce emissions and costs for the facility.

At Commencement NuGreen Solutions provided a survey of the site, measured the current lighting levels, and analysed existing light fittings. NuGreen were then able to prepare a full business case report which detailed the cost and benefits of this project.

Based on the pre-audit survey, NuGreen proposed an upgrade of 215 fittings, which were sourced from our manufacturing partners including a 7 year protection plan warranty on fittings and 3 years on tubes.

The complete upgrade will see a payback within 2 years and save 80% off the current cost of Lighting.

\$86k

Annual cost of waiting if not undertaking current proposal.
(Average over 10 years)



KEY METRICS OF PROGRAM

75% to 85%

Projected savings on current lighting spend

\$814.7k to \$900.5k

Projected savings over 10 years

7 yrs

Onsite maintenance free period

2100

Tonnes of CO² saved for the life of the program

OPPORTUNITIES FOR THE LED REPLACEMENT

- Save money through reduced electricity bills
- Reduced CO₂ emissions for smaller carbon tax impact
- Zero maintenance costs over our guarantee period
- Better visual lighting environment
- No capital required for the LED upgrade
- Improvement of the site safety
- Use of the latest lighting technology for smart business
- Ability to market a 'Green' business to clients
- Future proofing business around rising energy cost



BEFORE



AFTER