

Case Study

Nestlé Australia



Project Results



707 lights
upgraded to LED



\$150,829 saved
on annual energy costs



1,371,173 kWh
of energy saved annually



1,508 tonnes
of CO₂ abated annually

LED Lighting Upgrade for Refrigerated Warehouse

Nestlé is the world's largest food and beverage company with over 2,000 brands including some of world's most iconic such as Nescafé, Milo, and KitKat. The refrigerated centre in Altona in Melbourne's west is the first flagship distribution centre that implemented a high automation system.

Project Goals

The centre often exceeded its maximum load during summer due to its reliance on traditional high-pressure sodium lighting and high-wattage high bay lights. Nestlé was looking for a lighting solution that would not only address this issue, but also reduce operational costs and improve illumination levels.

Our Solution

The Green Guys Group installed a LED lighting solution that greatly reduced the power usage and costs with zero impact on the site's 24-hour operations. The LED lights also provided brighter illumination in the high-ceiling site, improving the Workplace Health & Safety.

90%
of project cost
subsidised



As Australia's leading energy-saving partner, we enable businesses, education, healthcare, and government facilities to achieve sustainability and energy efficiency through LED lighting upgrades, solar and embedded energy solutions.





Case Study Linfox Logistics

Project Results



401 lights
upgraded to LED



\$77,769
est. annual energy
cost savings



370,621 kWh
of energy saved annually



990 tonnes
of CO₂ abated annually

LED Lighting Upgrade for Transport & Logistics Centres

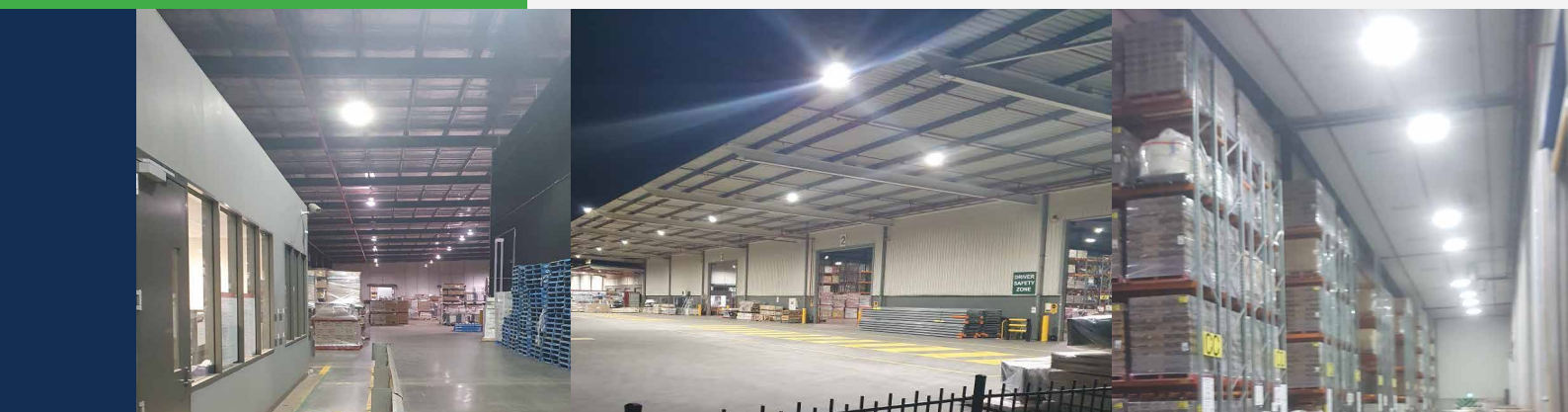
Linfox is Asia Pacific's largest privately-owned logistics company. Linfox Logistics in Australia delivers sophisticated and adaptable supply chain solutions to some of the largest and most successful organisations across a broad range of industry sectors.

Project Goals

In the quest for carbon-neutral warehouses, Linfox continually explores opportunities to improve safety, maximise efficiency, and reduce resource use on-site—which ultimately, also lower costs.

Our Solution

Energy-efficient LED lighting solutions were designed and delivered for several Linfox warehousing sites across Australia where large-scale lighting is required for extended times. Replacing the old lights with LED sensor lights significantly reduced energy costs in addition to providing a consistent, safe and well-lit work environment. The retrofits not only reduce carbon emissions but deliver on Linfox objectives and benefit customers who share the vision for sustainable practices.



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Case Study

Yennora Distribution Centre



Project Results



1,317 lights
upgraded to LED



\$288,055 saved
on total energy costs p.a.



76% reduction
in avg. energy use p.a.



1,368 tonnes
of total CO₂ abated p.a.

LED Lighting Upgrade for Stockland

Stockland's Yennora Distribution Centre intermodal estate is one of the largest centres in the southern hemisphere with approximately over 300,000m² and an exclusive, direct rail line access.

Project Goals

The design and construction of the Stockland warehouses and offices must meet all Australian standards and National Construction Code in addition to environmentally-friendly and sustainable designs.

Our Solution

The energy-efficient LED lights installed in multiple buildings across the Yennora site are equipped with programmable motion sensor controls, providing substantial energy savings as well as increased security and safety. We ensure that the warehouse lighting levels comply with the 160 lux requirements and office lighting fixtures to be low-glare to improve WH&S and productivity levels.

7.6 months
avg. payback period

Why Partner with Us



**Proven
ROI**



**Turnkey
Experts**



**Access to
Subsidies**



**ISO
Certified**



**Extensive
Warranties**

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Case Study 2018



Mainfreight

Global Logistics Provider

Upgrade to busy storage areas

As a global logistics provider, Mainfreight offers managed warehousing and international and domestic freight forwarding. With teams and branches across Australia, China, Europe, New Zealand and the United States Mainfreight continues to expand its global footprint.

Mainfreight had identified the need to update their busy storage areas to a better more efficient form of lighting. The Green Guys Group were selected due to our experience and range of LED products. Due to the very busy nature of the business and the fact that they could not have any downtime, The Green Guys planned the install in a way that had minimal impact on their operations. The result was a greatly improved working environment through the increase in brightness, huge energy savings and a reduction in the amount of maintenance that needed to take place with their existing lighting.



THEY SAVE
\$24,495
PER YEAR



Please Call: **1300 511 875**
Email: **info@greenguys.com.au**

How the Mainfreight upgrade made a difference...

809 
Lamps Replaced




\$24,495 In Energy Costs
Saved per year

kWh of Energy Not
Used per year **192,463** 



3,320 Tonnes of Total
CO² Abated

Barrels of Oil
Not Consumed Annually **332** 



307 Passenger Vehicles not
driven over 10 years

Acres of Forests
Grown in 1 Year **169** 



Why Partner with Us

Nationwide Project Management & Delivery



Proven ROI

Our lighting solutions deliver ROI within 6 months on average and the majority of our solar projects are cash-flow positive within 3 months!



Turnkey Experts

From audit, design, compliance, installation, project management and warranty, we will ensure the results exceed your expectations.



Government Subsidies

Our team will expertly manage the application process to access government subsidies for energy-saving projects on your behalf.



Certified for Excellence

We are certified for Quality Management, Occupational Health & Safety, and Environment with ISO 9001, 45001 and 14001.



Extensive Warranties

All our high-quality products as well as our workmanship come with comprehensive warranties.

The Green Guys Group Integrated Solutions

We provide a full portfolio of energy-saving solutions specifically designed to meet each of our client's unique requirements. Our mission is to provide a seamless journey throughout the project and process to support you in your quest to reduce costs and increase energy efficiencies.

Green Guys
Lighting

Commercial LED Lighting Upgrade

Green Guys
Solar

Solar PV System & Power Purchase Agreement

Green Power
Fund

Microgrid
Power

Solar Embedded Network



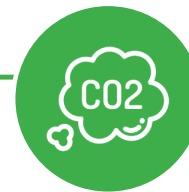
More than
10,000
projects
nationwide



\$70M+
in energy
savings



\$60M+
in government
subsidies



Over
2.5
Megatonnes
carbon offsets

