

Case Study

BlackWall Property Group 55 Pyrmont Bridge Road



Project Results



734 lights
upgraded to LED



\$11,985
total annual savings



85% reduction
in annual energy use



247 tonnes
of CO₂ abated annually

LED Lighting Upgrade for Office Building

This city fringe, seven-storey building has Verizon, IAG and WOTSO as major office tenants.

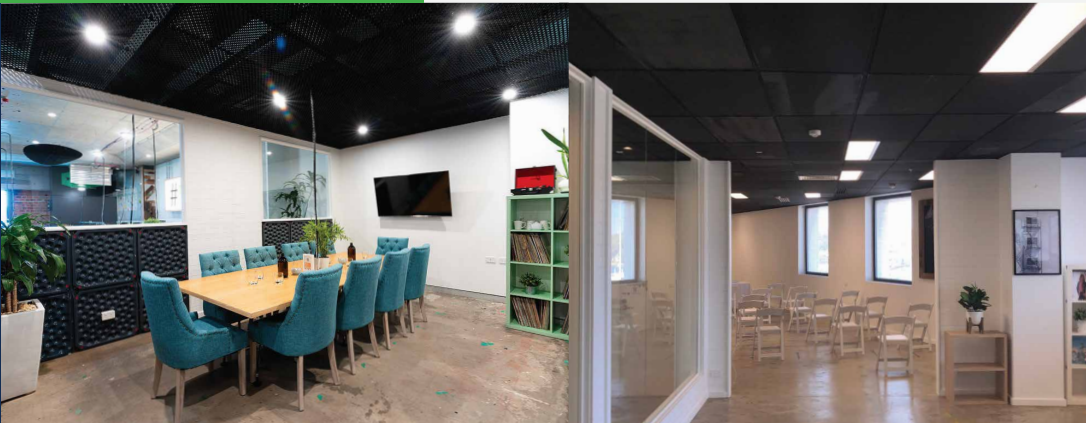
Project Goals

BlackWall Property Group which partly owns and manage this mixed-use building, aims to reduce energy consumption, costs, and carbon footprint. All while maintaining the right level of illumination and interior aesthetics.

Our Solution

In order to maximise energy efficiency and cost savings, a comprehensive LED lighting solution with some HVAC system redesign was provided. The existing grill fixtures for tube lights were replaced with low-glare LED panel lights, providing uniform illumination throughout the open offices. Weather-proof LED battens are also installed in the car park areas. The lighting upgrade was completed with minimal disruptions to the offices' operations.

\$40,000+
government
subsidies
received



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

King Street Wharf



Project Results



1,040 lights
upgraded to LED



\$95,128 saved
on annual energy costs



78% reduction
in annual energy use



624 tonnes
of CO₂ abated annually

LED Lighting Upgrade for Mixed-use Property

King Street Wharf is a mixed-use residential, commercial, tourism, retail and maritime development located on the western edge of Sydney CBD. It consists of four residential towers and a diverse range of dining venues on the waterfront.

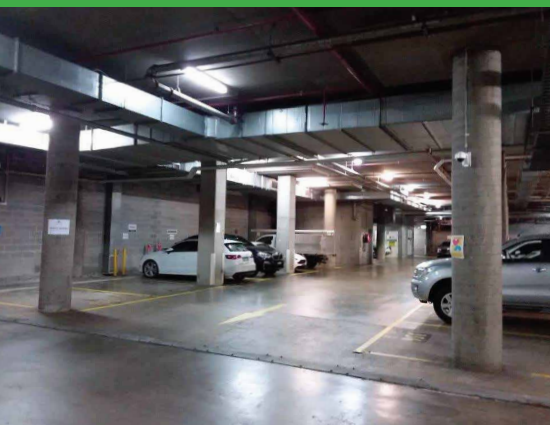
Project Goals

As an energy intensive precinct, King Street Wharf was looking for solutions to reduce energy consumption and energy cost inefficiencies.

Our Solution

The Green Guys Group conducted a comprehensive lighting audit and provided a suitable LED lighting solution to meet the requirement of the King Street Wharf management team and Owners Corp. We upgraded all the current inefficient common area lighting without interrupting each site's operations during the assessment and installation processes.

\$89,000+
government
subsidies
received



*"We have a complex site with multiple entities and Strata plans. Not only was the **LED upgrade executed professionally** from the initial walk-through and scope, to the installers and final completion. It was great to work through the project with the team from Green Guys. **I would recommend them, definitely.**"*

Ryan Webber - Senior Facilities Manager

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

Vogue Apartments



Project Results



602 lights
upgraded to LED



\$38,856 saved
on annual energy costs



89% reduction
in annual energy use



226 tonnes
of CO₂ abated annually

LED Lighting Upgrade for Mixed-use Property

Located south of the majestic Yarra river in one of Melbourne's most sought after areas, Vogue Apartments is the first true residential-retail complex with 30 levels of over 500 apartments as well as Woolworths and Big W amongst a number of other retail shopping outlets.

Project Goals

As an energy-intensive mixed-use development, Vogue Apartments wanted to reduce their energy consumption, operating costs and lighting maintenance requirements.

Our Solution

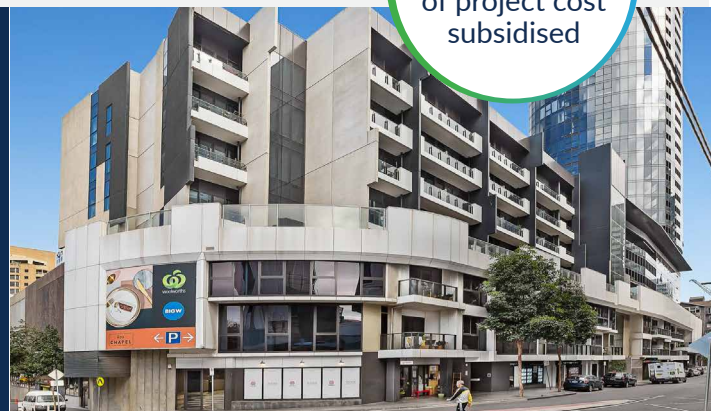
The large, single-level car park presented a more complex project delivery with limited workspace. Our expert team of installers worked closely with the onsite management team to deliver the LED lighting solution with no operational disruptions.

82%
of project cost
subsidised

"Our common area energy costs were increasing year on year. When The Green Guys approached us with a LED lighting solution, the offer was simply too good to refuse.

The energy we now use has been reduced significantly and importantly, the ongoing maintenance of having to change tubes is now a thing of the past."

Building Manager – Vogue Apartments



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 Waverley Gardens Shopping Centre

Project Results



705 lights
upgraded to LED



\$48,436 saved
on annual energy costs



74% reduction
in annual energy use



313 tonnes
of CO₂ abated annually

LED Lighting Upgrade for JLL

Waverley Gardens is a single-level shopping mall with over 100 specialty stores located in Mulgrave, adjacent to the Monash Freeway.

Project Goals

As the full-service property management group responsible for various shopping centres and properties, JLL strives to improve operations and reduce costs through energy-saving initiatives.

Our Solution

The LED lighting upgrade reduces the centre's energy consumption by more than 285,000 kWh annually while vastly improving light levels across interior and exterior areas. Our expert team of installers worked closely with the centre's management team to deliver the LED lighting solution efficiently outside of operational hours within the specified timeframes.

\$45,000+
government
subsidies
received



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 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

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**

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.



GYPROCK TRADE™
Components • Tools & Accessories • Ceiling Tiles & Grid • Stud & Track
Skylight • Structural Coating

CSR

Case Study CSR Building Products

Project Results



4,214 lights
upgraded to LED



\$461,500 saved
on annual energy costs



72% reduction
in avg. annual energy use



2,888 tonnes
of CO₂ abated annually

LED Lighting Upgrades for Manufacturer

CSR is the name behind some of the market's most trusted and recognised brands in providing building products for residential and commercial construction, such as Gyprock™ plasterboard, Bradford™ insulation, PGH™ bricks, and Monier™ roof tiles.

Project Goals

CSR is committed to improving the energy efficiency and sustainability of its operations and contributes to an overall positive impact on the environment.

Our Solution

LED lighting solutions were designed and installed for various CSR facilities across NSW and VIC. Our meticulous planning and process had allowed minimal disruption to the on-site operations. The long-lasting LED lights are low maintenance, providing CSR with significant savings on annual maintenance costs. The switch to energy-efficient LED lights reduced energy use in overall operations, including in CSR offices and retail showrooms.

\$285,000+
government
subsidies
received



Factory



Warehouse



Office



Showroom

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.

The Green Guys
Group

Case Study

Armstrong Flooring



Project Results



300 kW
Solar PV system size



\$90,519
est. annual energy
cost savings



432,831 kWh
of energy saved annually



389 tonnes
of CO₂ abated annually

Solar PV System for Factory & Office Site

Armstrong Flooring is one of the largest suppliers to the construction industry and an Australian manufacturer of durable, high-performance flooring products for the domestic and export markets for over 50 years. The company has been widely recognised for its environmental policy and achievements.

Project Goals

Energy management is an important aspect at Armstrong Flooring. The company has had an active energy reduction target since 2006 and was searching for an on-site energy generation solution from renewable sources.

Our Solution

Our Solar PV system was designed to optimise the use of Armstrong Flooring's Braeside factory vast roof space to generate clean, renewable energy. The solar solution that included an electrical system upgrade, combined with the seamless coordination with the Distribution Network Service Provider (DNSP), ensured a smooth installation and guaranteed energy generation levels.



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.



Integrated Case Study

Regency Apartments



Project Results



42.9 kW
Total solar PV size



92 lights
upgraded to LED



\$18,838 saved
on annual energy costs



65% reduction
in avg. annual energy use



96 tonnes
of CO₂ abated annually

LED Lighting & Solar Solution for Strata

Regency Apartments is a luxury apartment building complex composed of two high rise towers. The complex is located in the major business and residential district of Chatswood, NSW.

Project Goals

In addition to replacing the high-wattage halogen and fluorescent lights in the common areas, the building management sought after a renewable energy solution to supply additional power to the buildings with less reliance on the National Grid.

Our Solution

The height of the two towers combined with the sloping roof posed safety challenges that required detailed risk and safety management. We successfully delivered a tailored Solar PV System on a mounting system specifically designed for each building. Combined with the LED lighting upgrade, Regency Apartments have successfully reduced their energy consumption and costs.



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.



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 **Green Power**
Solar Fund

Solar PV System & Power Purchase Agreement

Microgrid
Power

Solar Embedded Network



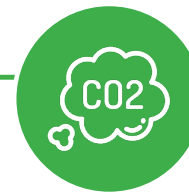
More than
10,000
projects
nationwide



\$70M+
in energy
savings



\$60M+
in government
subsidies



Over
2.5
Megatonnes
carbon offsets

