

Case Study

St Bernard's College



Project Results



1,680 lights
upgraded to LED



\$15,298
total annual savings



101,993 kWh
reduction in annual
energy consumption



112 tonnes
of CO₂ abated annually

LED Lighting Upgrade for School

St Bernard's College is a Catholic Secondary School for boys that provides quality education for more than 1,500 young men from from Year 7 to Year 12.

Project Goals

It is proven that colour rendering in lighting can effect cognitive ability. Thus, the school was aiming to improve the learning environment with the right illumination, as well as reduce the lighting operational costs.

Our Solution

Through a comprehensive lighting audit, we advised the suitable LED lighting solution with the best colour rendering results to achieve an overall environment that enhances students' learning. The upgraded classrooms have brighter, even illumination. With the energy-efficient LED technology, the school also saves on maintenance and running costs of the lights.

\$50,000+
government
subsidies
received

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.



Case Study

Northcote High School



Project Results



2,096 lights
upgraded to LED



\$29,025 saved
on annual energy costs



74% reduction
in annual energy use



160 tonnes
of CO₂ abated annually

LED Lighting Upgrade for School

Northcote High School is one of the largest stand-alone providers of secondary education in Melbourne's northern suburbs with approximately 1,800 students.

Project Goals

The school's mission was to improve energy efficiency and reduce operational costs by replacing high-wattage light fittings in the campus.

Our Solution

By working closely with the maintenance team, we delivered the upgrade with minimal disruptions to the school's operations. Significant savings on energy costs and maintenance costs were achieved through the upgrade. The new LED light fittings also provide flicker-free, uniform illumination that comply with the Education Facilities Standard & Guidelines.

\$30,000+
government
subsidies
received



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Case Study

Prestons Public School



Project Results



31.4 kW
Solar PV system size



\$103,733
est. 10-year energy cost savings



41,221 kWh
of energy saved annually



37 tonnes
of CO₂ abated annually

Solar PV System for School

Prestons Public School is a co-educational primary school located in south-west Sydney. The school currently supports the learning of approximately 700 students from Kindergarten to Year 6.

Project Goals

As a member of Sustainable Schools NSW, the school proudly upholds sustainability throughout its campus, curriculum and culture. The installation of an on-site renewable energy source supports the school's values, assists teaching on energy efficiency, and provides operational cost savings.

Our Solution

A renewable energy system was designed for the school to reduce its grid energy consumption and costs. An online monitoring system enables the school to track daily energy generations and savings in real-time. We successfully installed the complete system without impacting the daily learning activities through minimal power shutdown.

3.1
years
payback period



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Case Study

St Ives High School



Project Results



398 lights
upgraded to LED



\$22,720 saved
total annual savings



73% reduction
in annual energy use



89 tonnes
of CO₂ abated annually

LED Lighting Upgrade for School

Situated on the upper north shore of Sydney, St Ives High School was established as a co-educational comprehensive high school in 1964 and is one of only 16 in NSW to have a support unit (hearing).

Project Goals

As a part of its building upgrade project, the School was looking for a new lighting solution to modernise the appearance of the facilities while also reducing energy consumption and energy cost inefficiencies.

Our Solution

The LED lighting upgrade was successfully delivered within the limited timeframe during the school holidays. The installed low-glare, flicker-free LED panels and battens provide uniform lighting, creating a healthier learning environment for the students and teachers.

\$12,000+
government
subsidies
received



*“The St Ives High School LED Lighting Upgrade was completed to a **high standard** and **in the required time frame**. The Green Guys were great to deal with and **would recommend** using them again.”*

Joshua Murphy
Project Manager at NSW Public Works Advisory
for Department of Regional NSW

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Case Study

Port Hacking High School



Project Results



1,350 lights
upgraded to LED



\$59,689
total annual savings



69% reduction
in annual energy use



227 tonnes
of CO₂ abated annually

LED Lighting Upgrade for School

Port Hacking High School is one of the largest secondary comprehensive schools in the Sutherland District of New South Wales.

Project Goals

The School was looking for a solution to reduce their energy consumption and operating costs while maintaining a uniform and low-glare illumination to facilitate a healthy and safe learning environment in accordance with the Education Facilities Standard and Guidelines.

Our Solution

The Green Guys Group conducted a comprehensive lighting audit and provided a suitable LED lighting solution to meet all the relevant standards. Specific high-impact lights with impact-resistant diffusers were installed for the Gymnasium, while ultra-low-glare panels and battens were used in the classrooms. We successfully delivered the project within strict time frames specified, with zero impact on the daily learning activities.

\$27,000+
government
subsidies
received

Why Partner with Us



**Proven
ROI**



**Turnkey
Experts**



**Access to
Subsidies**



**ISO
Certified**



**Extensive
Warranties**

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Case Study

Birrong Public School



Project Results



280 lights
upgraded to LED



\$13,674
total annual savings



68% reduction
in annual energy use



49 tonnes
of CO₂ abated annually

LED Lighting Upgrade for School

Birrong Public School is located within the Bankstown area of Sydney and serves a multicultural community.

Project Goals

In collaboration with the Public Works Advisory, the school required an upgrade to the existing facilities to comply with Australian Standards and improve energy efficiency.

Our Solution

A lighting audit was conducted to identify the light levels in each building before providing a comprehensive LED lighting solution to meet all the relevant standards. The school is saving on electricity bills and maintenance costs since the energy-efficient LED lights only require minimal oversight once installed and they come with 5-year warranties. The upgrade was completed in the specified time frame with no disruptions to the school's activities.

\$6,500+
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

Mary Immaculate Eagle Vale



Project Results



90 lights
upgraded to LED



\$3,168
total annual savings



72% reduction
in annual energy use



13 tonnes
of CO₂ abated annually

LED Lighting Upgrade for School

The Mary Immaculate Catholic Parish Primary School is a co-ed school providing quality education to K-6 students in Eagle Vale and the surrounding areas.

Project Goals

Catholic Education Diocese of Wollongong (CEDoW) is committed to eco-spirituality and environmental action as a key component of its mission. As a part of the CEDoW's Wollongong Environment Network, the school aims to implement an eco-friendly school infrastructure.

Our Solution

Upon understanding the school's mission in sustainability, a LED lighting upgrade solution was delivered for classrooms, corridors, staff rooms and other common areas. In addition to achieving more energy-efficient operations, the school also achieves a healthier learning environment with the Australian Standard LED lights. The upgrade was completed during the school holidays to avoid any disruptions to school operations.

\$3,000+
government
subsidies
received



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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



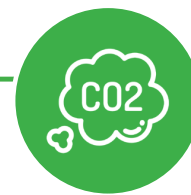
More than
10,000
projects
nationwide



\$70M+
in energy
savings



\$60M+
in government
subsidies



Over
2.5
Megatonnes
carbon offsets



The case studies, testimonials, examples, and illustrations presented in this document are based on past projects. Any cost and energy savings figures were calculated based on modelling estimates pre-installation. The Green Guys Group Pty Ltd does not guarantee future results and outcomes. Factors such as energy market prices, government regulations, project variables and many other circumstances may and will cause results to vary.