

ST. BERNARD'S COLLEGE

Case study: Educational Facility Lighting Upgrade

The upgrade:



The Organisation

Saint Bernard's College is a single gender catholic secondary school. Providing a quality education for up to 1400 young men from years 7 to 12. The school specialises in instilling the values of faith and self-development in their students. The school is located across two campuses in Essendon.

The Challenge

The goals of the organisation were to improve the learning environment and reduce the cost of lighting. Illumination is an important factor for educational institutions, as it is proven that colour rendering can effect cognitive ability. Our lighting specialist was able to advise on the best colour rendering to install. The upgrade improved the classroom environment and reduced cost of lighting.

Economic Outcomes





St Bernard's College will enjoy the following benefits:

- Energy Saving Scheme Discount: **\$60,410**
- Annual Energy Savings: **\$18,517**
- Estimated Return On Investment (ROI): **< 8 mths**
- Annual Energy Reduction: **64,171 kWh**



Environmental Outcomes*:

*Over the lifetime of the product

-  **Removed 1,542 metric tons of CO₂ p.a.**
-  **Removing 8,031 cars from the road**
-  **Growing 7,009 tree seedlings grown for 10 years**
-  **4,818 Barrels of oil not consumed**

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