

# Case Study Lighting.

## Metro Petroleum Belmore.

Metro Petroleum Belmore is a small service station and convenience store located in western Sydney. It operates 20 hours a day, 365 days per year, totalling 7,300 hours per year.



### The Project.

The service station engaged Ecovantage in partnership with Energy Australia to upgrade their fluorescent lighting to long lasting, energy efficient LED lighting.

The existing lighting consisted of 36 Watt fluorescent tubes with electronic ballasts, 64 tubes in total.

Ecovantage replaced all 64 fluorescent tubes with LumaLED's 17W LED tubes with integrated electronic ballast.

The new LED tubes are rated for 40,000 hours, which is 8 times longer than the service station's pre-upgrade lighting.

### The Outcome.

The return on investment was immediate as, on this occasion, the upgrade was fully subsidised by the ESS.

With the energy efficient LED tubes, the service station will save \$2,000 each year on their energy bill.

The ongoing maintenance savings are also quite substantial; based on the service station's total operating hours, they would have previously replaced the fluorescent tubes at least once per year.

Therefore, they will save approximately \$1,000 per year in maintenance and product costs, or \$5,000 over the rated life of the new lights.

## Highlights.



Estimated  
annual savings  
**\$2,000**

### A Small Word From Us.

At Ecovantage we are passionate about helping commercial and residential clients implement energy saving technologies that reduce their impact on the environment, and lower their energy bills.

With expertise across a range of technologies, Ecovantage provides a holistic approach to energy saving for households and businesses.

For more information on how we can help you save, book an appointment with an Energy Solutions Specialist today.