

# Case Study Lighting.

## Toolern Vale Primary School.

Toolern Vale and District Primary, is a small school of 180 students located 40km north west of Melbourne.

### The Project.

The school engaged Ecovantage to supply and install 182 new LED tubes to replace their old inefficient fluorescent lighting.

Ecovantage assisted Toolern Vale Primary to access this incentive, which resulted in a saving of \$1,856 off the upgrade cost. This reduced their return on investment from 3.05 years to 2.28 years.

### The Outcome.

The school's original lighting was patchy with different colours. The new lighting is uniform with higher light output, therefore reducing eye strain and making it more comfortable for the students.

The long lifetime of the LED tubes means the school's savings will extend for decades in reduced energy costs and non-existent maintenance costs.

The environment will also benefit – carbon emissions from lighting will be reduced by approximately 9,710 kWh or 11.54 tonnes of CO<sub>2</sub> per annum.

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### Key Benefits.

- Saved 11.54 tonnes of CO<sub>2</sub> per year
- Lifetime ROI \$16,374
- Investment paid back in 2.28 years



### A Small Word From Us.

We implement high-quality, energy-saving technologies and access state and federal energy saving scheme subsidies to help households and businesses save energy and save money.

## Highlights.



Estimated annual savings  
**\$2,330**



Payback period  
**2.28 years**



Annual CO<sub>2</sub> Reductions  
**11.54 Tonnes**