

Case Study

Car Park Lighting.

Tamworth Regional Council.

Tamworth Regional Council in the North Western region of New South Wales manages a number of venues, sporting facilities, recreation and other community services. One of the Council's missions is to reduce the community's carbon footprint.



The Project.

Tamworth Regional Council engaged Ecovantage to supply and manage the lighting for a new car park extension at a busy sporting precinct. They needed a tailored lighting solution that provided all the benefits of a regular grid-connected light, but would be completely off-grid.

The solution needed to be cost-effective, utilise the existing space well and not impede any sporting activities. This installation needed to be a simple set-and-forget upgrade with no compromise to the lighting quality for the comfort and safety of the car park users.



The Outcome.

The Tamworth Regional Car Park now runs on 100% all-in-one solar lights. We recommended a solar lighting solution based on the GFS-ASPIRE-225, delivering a beautifully designed, fully integrated and intelligent off-grid lighting solution.

Highlights.



Estimated lifetime savings
\$44,000+



Payback period
1.7 years



Total grid energy saved
100%

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.

Designed in Australia, the GFS ASPIRE offers an environmentally friendly, off-grid solar option where traditional lighting is impractical or cost prohibitive. The scalable modular design enables various configurations depending on the application and requirements.

The ASPIRE range offers a wide variety of options including multiple panels, pole heights and battery arrangements. It is also compatible with Solar Activity Monitoring (SAM), a software connection enabling centralised monitoring and control of the lighting assets from a remote dashboard.

This lighting solution provides vibrant lighting throughout the evening and night, and supports the council's mission to reduce the community's carbon footprint. The upgrade will save the Tamworth Regional Council approximately 2.9MWh/year, and about \$44,000 on energy costs, maintenance and grid connection after 10 years.

Tamworth Regional Council will benefit from close to zero maintenance costs due to the 5-10 year warranties of products. With the independent lighting structures in a busy car park, the solar lighting also reduces lighting network interruptions in the case of collision with a light.

Key Benefits.

- A total of 15 lights installed
- Energy savings of up to \$44,000 over the product's warranted life
- Grid energy usage reduced by 100% thanks to solar
- Total payback period of only 1.7 years

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.

Get in touch.

If you'd like to find out more about how we can help your business save on energy usage, maintenance costs and ongoing energy costs, call us today and we'll organise a complimentary lighting assessment.

