

## Case Study

# City of Marion Road Lighting Upgrade to LED

## Project Details

### Client name

City of Marion

### Start date

May 2019

### Completion date

ongoing

### Contract Type

LED Road Lighting Upgrade

### Contract value

Approx \$4 million

### Key Personnel

Lighting Solutions Manager - Mark Vinall

Lighting Design Officer - Ricky Andrew

Planning Officer - Cedar Nicol

Line Design Technical Officer - Graham Berryman

**The initiative is expected to cut energy use by 80%, saving ratepayers approximately \$10 million over the project's 20-year span**

## The Customer

Councils in South Australia participate in the provision of important social and economic infrastructure and, where appropriate, act as an advocate, planner, coordinator and facilitator.

Marion Council aims to provide services and facilities that support the social, environmental and economic needs of residents, businesses and visitors.

The Local Government Act 1999 and its accompanying regulations set out the legal framework in which councils operate.

## The Opportunity

The City of Marion had a requirement to upgrade their street lights to more energy efficient LED.

The street light replacement program was part of the City of Marion's commitment to the environment. Street lighting is the largest source of greenhouse gas emissions by local government in Australia. Switching to LED lighting will save ratepayers' money, will help to protect the environment and will improve visibility on roads and footpaths. Further more, it will help to reduce carbon emissions by more than 1,300 tonnes per year.

Marion Council will also benefit from selling up to \$11,000 worth of carbon credits each year as a result of replacing the old and energy inefficient street lights.

## The Solution

The Enerven lighting team were tasked with replacing nearly 9,000 street lights across the City of Marion to more energy efficient LED.

Older street lights removed will be recycled responsibly by Enerven's contractor Toxfree to prevent heavy metal (i.e. mercury) and other hazardous substances entering landfill.

The installation is expected to be completed by 2021.

The transition to LED street lighting technology will significantly reduce the Council's energy consumption and maintenance costs per annum and provide an overall improvement to their street lighting network.

The old street lights removed are also recycled responsibly by Enerven's contractor Toxfree to prevent heavy metal (i.e. mercury) and other hazardous substances entering landfill.

Enerven was chosen to deliver the project due to our proven capability in delivering large scale projects of this nature.

## Key Capabilities

This project highlights Enerven's ability to deliver the installation of street lighting over a large geographical area. Enerven have highly skilled project managers to coordinate the scheduling, planning, and supply chain logistics of their projects so they are delivered on time and to budget.





## Why Enerven?

Our experience in the market place, combined with the expertise and industry knowledge of our team, makes Enerven's offering second to none - which is why industry leaders such as Oz Minerals, Lendlease, AGL and BHP Billiton trust Enerven with their energy infrastructure assets.

We invest heavily in the best equipment and the professional development of our staff, which means we combine experience and history with innovation and technology to deliver solutions that address the evolving energy distribution requirements of the community.

With a strong supplier and partner network behind us, our highly skilled staff work closely with you to fully understand your specific needs and vision, and will tailor a solution to suit.

Delivering the highest standard of work in a safe and environmentally sustainable manner is our top priority, and we have an outstanding track record to prove it. We focus on building long-term relationships with our clients, we're committed to working with you for the lifecycle of your project and beyond.

## Who We Are

**Enerven, an SA Power Networks Company, provides a range of construction and maintenance services, including fibre installation, to clients both within SA and nationally. We believe innovations and technology will continue to drive efficiencies, but no more so than the experience, knowledge and capabilities of our people.**

## Contact Us

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