

Case Study

City of Norwood Payneham & St Peters LED Lighting

Project Details

Client name

City of Norwood Payneham & St Peters

Start date

September 2018

Completion date

December 2018

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

The City of Norwood Payneham & St Peters is a metropolitan local government area of Adelaide, South Australia. It covers the inner eastern suburbs of Adelaide. It is divided into five wards: Torrens, Payneham, West Norwood/Kent Town, Kensington, and Maylands/Trinity. The council is based at the historic Norwood Town Hall.

The Opportunity

The City of Norwood Payneham & St Peters had a requirement to upgrade their street lights to more energy efficient LED.

For the Council street lighting is the second largest source of greenhouse gas emissions, next to domestic waste. LED lighting is a much improved light than the old technology and can potentially save up to 75-80 percent in the council's lighting energy use. This reduction will in turn, lower greenhouse gas emissions by approximately 520 tonnes a year, or 4 percent. This project will go a long way in achieving the Councils City Plan 2030 target of reducing greenhouse gas emissions by 5% by 2020-2021.

The Solution

Work will begin in September 2018 to upgrade more than 2,800 street lights to energy efficient LED lights across the City of Norwood, Payneham & St Peters.

Older street lights removed will be recycled responsibly to prevent heavy metals (i.e. mercury) and other hazardous substances entering landfill.

The LED upgrade will not only improve lighting levels in residential streets and footpaths, and it will result in net annualised savings of approximately \$150,000 per annum over the 20 year life of lights through reduced energy usage and lower maintenance costs.

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.

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