

Street Lighting - Transition to LED Lights

HIGHLIGHTS

Project Benefits

- The transition to LED street lighting technology will significantly reduce Council's energy consumption and provide an overall improvement to our street lighting network.
- Street lighting is the largest source of greenhouse gas emissions by local government in Australia. This project will reduce tonnes of carbon emissions by greenhouse gases per year.

Estimated Project Cost

\$1,000,000

Timeline

September-November 2022

Background

Port Pirie Regional Council, in conjunction with SA Power Networks, continually make improvements to the public lighting across our council area. Council is responsible for all public lighting on local roads and share responsibility for lighting on the main road network (arterial roads) with the Department of Infrastructure & Transport (DIT).

Council, in partnership with SA Power Networks and their subsidiary company Enerven is replacing over 2,000 of our old and inefficient street lights with new LED lighting.

The initiative is expected to cut Council's street light energy and maintenance costs by up to 75 per cent. Switching to LED lighting will save ratepayers' money, help protect the environment and will improve visibility on roads and footpaths.

Details of Works

Council's strategy is to replace the old technology street lamps with lower energy LED lights. Enerven will progressively replace older lights on residential streets with appropriate LEDs across the city.

These are larger lights classified as 'Vehicular (V) road lights' that are used on major roads, intersections and at traffic control devices (such as roundabouts and speed humps).

The new lights being installed will be more energy efficient than existing lamps, require less maintenance and generate a warm to white light (around 3000 Kelvin).

Another advantage of LED light being installed will be less back spill into properties due to improved optics. Although street lights may appear to be brighter, as they are newly installed, they will be more efficient in spreading light more evenly along and across footpaths and roads. Visibility along the street will also be improved and appear more natural.

Links to our Community Plan

Port Pirie Regional Council has endorsed its 2020-2025 Community Plan, a strategic plan that sets out Council's overarching long-term vision for our communities.

The Street Lighting - Transition to LED Lights project aligns with the following Community Plan goal:

Theme 1: Our Community

Resilience - Our community feels safe.



Further Information

Contact: Port Pirie Regional Council's
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