

Changes to Street Lighting



Purpose of Public Street Lighting?

Street lighting improves road user safety at night by illuminating roads and footpaths and makes it easier for people to drive or walk along streets at nights.

Street lighting is not designated to identify private property locations or provide property security lighting.

Who owns and manages Council street lights?

The District Council of Yankalilla pays for street lighting via public lighting and energy tariffs.

Most street lighting in South Australia is owned and operated by SA Power Networks as a service to Councils and the State Government.

Why is the District Council of Yankalilla replacing street lights?

Street lighting is necessary but expensive to run. However, the change to Light Emitting Diode (LED) street lighting technology will significantly reduce the Council's energy consumption and provide an overall improvement to our street lighting network. The expected savings to Council, is over \$20,000 per annum once installed.

Another benefit is the reduction of greenhouse gas emissions, which will be reduced by between 60-80 tonnes per annum under the initial changeover.

Which street lights are being replaced?

SA Power Networks strategy is to replace high energy consuming lights (predominately 80- Watt mercury vapour lights) with 14-Watt LED lights along residential roads. This will see approximately 500 street lights changed in the initial stage. Decorative or post top lights will not be replaced at this stage.

When does the project take place?

It is anticipated the Field Crews will be assessing and changing lights across the District Council of Yankalilla during March to May 2020.

How does new LED lighting compare to the old technology lighting?

The new lights are far more energy efficient and have improved optics, meaning they may be brighter compared to the old lights and spreading light more evenly along and across footpaths and road. In addition, colour rendering and visibility along the street will be improved and look more natural.

Shading / Shielding of street lights

The installation of LED street lights will provide more light in your street and therefore the lighting upgrade should assist residents.

In some rare cases, this can be spread further than the old lights. Where a resident can demonstrate that they are being significantly impacted on by light spill into their property from an adjacent street light, the installation of a shield on the light may be considered.

If an option can be provided to shield the light, the cost of retrofitting a shield will be negotiated with the resident.

The resident will need to contact the Council, with any requests for a shield installation, which will be forwarded on SA Power Networks for assessment.