

INVEST JOONDALUP

LED street lighting will improve community amenity and support environmental targets

The City of Joondalup aspires to lead the way in the design and construction of LED infrastructure and sustainable energy management by transitioning to City-owned LED streetlights.

The opportunity

Transferring ownership of all streetlighting in the City of Joondalup to the City will provide a cost effective and environmentally sound opportunity to upgrade lights to Australian standard LED lights.

The City has a dedicated lighting team with qualified electrical engineers and is able to provide a high-quality service to the community.

With a working model already in place for owning and operating almost 2,500 streetlights in the Joondalup City Centre, the City is well qualified to expand its streetlight network.

This approach can support collaborative efforts between tiers of government and industry to achieve net zero energy targets.



Energy
Efficient



Reduced Carbon
Emissions



Cost
Savings

Meaningful impacts

The City of Joondalup has 17,045 streetlights, of which currently 2,326 are owned and operated by the City, and the remaining 14,719 are owned and operated by Western Power.

City owned streetlights are mostly LED, while Western Power's lights are primarily mercury vapor. Mercury vapor lamps have higher energy consumption and CO² emissions than LED lights and are no longer made in or imported into Australia.

The City is guided by a vision of maximising the environmental, financial and operational benefits of smart-metered LED streetlights throughout the region. Providing the community with efficient, environmentally friendly, high quality and reliable LED lighting improves the amenity and safety of the area.

Benefits of LED lighting upgrade:

- waste reduction and reduced carbon emissions
- cost saving and energy efficiency
- reducing human exposure to mercury vapor
- brighter streets enhance community safety.

Next steps

The City will work closely with Western Power to ensure a seamless transition of ownership. The City's dedicated lighting team and qualified electrical engineers will ensure upgrades use the latest technology and comply with Australian standards.

For more information, contact business@joondalup.wa.gov.au and visit joondalup.wa.gov.au/invest



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