



POLICY NO. CP 2.4.25

POLICY STATEMENT

STREET LIGHTING POLICY

PURPOSE

The purpose of this policy is to provide levels of service and general design standards for street lighting.

POLICY

The City of Gosnells aims to install and encourage the use of energy efficient street lighting, which provides a safe pedestrian, cycling and traffic environment, and is aesthetically attractive.

Funds are allocated within the City's 10 Year Financial Plan, 5 Year Capital Works Program and annual Operating Budgets to ensure the City meets the objectives of this Policy.

1. New Lighting Infrastructure

- 1.1 Developers must provide the most energy efficient lighting infrastructure available from Western Power's standard range (see Distribution Design Catalogue section 12 (SL)) to meet the AS1158. The City will generally request the use of LED (light-emitting diode) lighting which offers the longest life, greatest reliability, least reactive maintenance and most efficient use of energy.
- 1.2 Decorative poles that attract a higher Western Power tariff will require approval from the City and will only be considered on a case-by-case basis.
- 1.3 In general, light colour emission requirements are as follows:
 - a) Distributor Roads - 4000K
 - b) Access Road - 3000K
- 1.4 All new lighting must be fitted with a 7 pin NEMA socket.

2. City Owned Assets

- 2.1 Where the City installs lighting to public areas, it will generally use LED lighting that is designed to meet the requirements of AS1158.
- 2.2 The City will systematically program the replacement of mercury vapour street light fittings from its own light poles with the aim of replacing all fittings by 2024.

3. Western Power Assets

- 3.1 In accordance with the direction from the Economic Regulation Authority (ERA), the City recognises that Western Power is responsible for the design and maintenance of the majority of street lights.
- 3.2 The City will encourage Western Power to use energy efficient lighting as part of any works request.



4. Street Lighting Upgrades

4.1 Where requests are received for street lighting upgrades the City will undertake a night time site audit to ensure existing lights are operational. The results of the audit will be forwarded to Western Power to inform its assessment of lighting standards, in accordance with the “Western Power Access Arrangement” (2017-2022).

5. Levels of Service

5.1 All City owned lights will be inspected for operational efficiency twice per year and resultant maintenance carried out within five working days of reporting.

5.2 To ensure the City is receiving the service it is charged for, an inspection of Western Power’s street lights will be undertaken once per year. Non-operational lights will be reported to Western Power within one working day of the audit.

5.3 Where a significant proportion of failing street lights are identified in an area or road, and where the likelihood of continuing failures is high, Western Power will be requested to implement a replacement program for that area or road.

5.4 The City will continue to negotiate with Western Power to achieve a discount on tariffs that recognises the level of street light failure.

GOVERNANCE REFERENCES

Statutory Compliance	ERA AAC4
Industry Compliance	AS1158
Organisational Compliance	Nil
Process Links	Streetlight Asset Management Plan (in development)

POLICY ADMINISTRATION

Directorate		Officer Title		Contact:	
Infrastructure		Chief Engineer		9397 3000	
Risk Rating	Medium	Review Cycle	Triennial	Next Due:	2023
Version	Decision Reference	Synopsis			
1.	OCM 170/23/06/2020	New Policy Adopted.			
2.					
3.					