



SHIRE OF
HARVEY

A Breath of Fresh Air



Policy 5.1.10 – Street and Public Area Lighting

1. Policy Purpose

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

2. Policy Scope

The Shire of Harvey (the Shire) 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.

3. Policy

3.1. New Lighting Infrastructure

- a) 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 Shire will 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.
- b) Decorative poles that attract a higher Western Power tariff will require approval from the Shire and will only be considered on a case-by-case basis.
- c) In general, light colour emission requirements are as follows:
 - i. Distributor Roads – 4000K
 - ii. Access Road – 3000K
- d) All new lighting must be fitted with a 7 pin NEMA socket.
- e) Residential Commercial Areas – Shops – The level of lighting may be increased as recommended by Western Power
- f) Special Residential/Special Rural Areas – Areas – In accordance with AS1158.1.1: "Flag Lighting" may be provided at appropriate intersections and median islands. A small number of luminaries may be required to indicate the presence and location of the intersection/median island without having to provide lighting to any particular level.
- g) In other areas lighting will be provided as determined by the Director Infrastructure Services subject to funding availability.

3.2. Shire Owned Assets

- a) Where the Shire installs lighting to public areas, it will use LED lighting that is designed to meet the requirements of AS1158.

3.3. Western Power Assets

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

3.4. Street Lighting Upgrades



- a) Where requests are received for street lighting upgrades the Shire may 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.

3.5. Levels of Service

- a) All Shire owned lights will be inspected for operational efficiency once per year.
- b) Based on audits undertaken the Shire may seek discounts on electricity tariffs for street lighting to ensure the Shire only pays for services it receives.
- c) 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 maybe requested to implement a replacement program for that area or road.

4. Strategic Objective

The policy aligns with the following strategic objective:

	Protected natural environment Adopting a range of management practices to protect, conserve and rehabilitate the biodiversity of the natural environment.
	Effective civic leadership Effective civic leadership is visionary and influential. It means listening to the community, balancing competing demands, making fair decisions and acting with integrity.

5. Definitions

- Nil

6. Legislation

- Nil

7. Related Documents

- Nil

Responsible officer	Director Infrastructure		
Responsible team	Engineering		
Responsible area	Engineering Services		
Version control	Date	Resolution	Number
Version 1	24.03.1997	Resolution	
Version 2	12.08.2008	Resolution	08/350
Version 3	23.07.2024	Resolution	24/153