

# Council Policy 2.2.5 – New Lighting as part of New Public Infrastructure

<b>Responsible Directorate</b>	Infrastructure Services
<b>Responsible Business Unit/s</b>	Engineering Services
<b>Responsible Officers</b>	Manager Engineering and Manager Strategic Planning
<b>Affected Business Units</b>	Engineering Services Operations Project Delivery Strategic Projects Strategic Planning Statutory Planning

## Objective

The objective of this Policy is to provide a policy position in respect of new lighting assets within the Shire.

## Scope

This Policy is applied for the provision of effective and efficient lighting on all new road, public open space and public accessway infrastructure projects.

## Policy

### Introduction

The Shire of Serpentine Jarrahdale (Shire) is committed to pursuing energy efficiency in its operations. The Shire works collaboratively with stakeholders in respect of this pursuit, and through this policy provides a position in which to inform consideration of new lighting assets on new infrastructure.

### New Lighting Infrastructure

1. All subdividers and developers proposing new lighting assets as part of new infrastructure must provide the most energy efficient lighting infrastructure that meets the applicable Australian Standards, available from Western Power's standard range.
2. Such new lighting assets must also be compliant with the requirements of the current edition of the Institution of Public Works Engineering Australia WA Division Subdivisional Guidelines (IPWEA Subdivisional Guidelines).
3. Light-emitting diode (LED) lighting currently offers the longest life, greatest reliability, least reactive maintenance and most efficient use of energy. LED lights also offer the best light distribution and control of unwanted light spill, resulting in a 60-70% reduction in energy



consumption with significant long-term benefits to the environment and community as a result. The Shire supports LED lighting as the preferred policy position for all new lighting assets.

### Existing lighting infrastructure

1. This Policy acknowledges and supports Western Power's Corporate Strategy Action Plan, which under the section *Decarbonising our community* seeks to *Replace all streetlights with LEDs by 2029*.
2. This Council Policy is aligned to the Corporate Strategy of Western Power, by supporting new lighting assets which are LED.

### Definitions

**Light-emitting diode (LED):** a light-emitting diode (a semiconductor diode which glows when a voltage is applied).

### Relevant Policies/Council Documents

Nil

### Legislation/Local Law Requirements

- *Local Government Act 1995*
- IPWEA (WA) Subdivisional Guidelines
- AS/NZS 1158. 1.2:2010 Lighting of roads and public spaces

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<b>Relevant Delegations</b>				
<b>Council Adoption</b>	<b>Date</b>	25/01/2010	<b>Resolution #</b>	OCM023.1/01/10
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