

TEMORA SHIRE COUNCIL



TEMORA

The Friendly Shire

PUBLIC LIGHTING POLICY

ACTIVE

Review Details

ABOUT THIS RELEASE

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REVIEW

Revision Date	Revision Description		Date approved by Council	General Managers Endorsement
July 2018	General Review	1	16/8/2018	Gary Lavelle
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PLANNED REVIEW

Planned Review Date	Revision Description		Review by
July 2019	General Review		Engineering Technical Manager
October 2021	Review		Engineering Works Manager

1.0 Purpose

The purpose of this policy is to provide Council framework pertaining to the provision of public lighting for the purpose of pedestrian access, traffic safety, public amenity and crime prevention.

In the context of this policy the term public lighting covers lighting arrangements relating to Council roads and unsecured outdoor public areas. This includes; roads, parks, reserves, pedestrian zones, paths, car parks, cemeteries and other public areas.

2.0 Councils Role

Council is responsible for the provision of public lighting in accordance with AS1158, as such, Council is required to approve all new lighting projects proposed and accept maintenance fees associated with management of these new assets.

3.0 Essential Energy's Role (Essential Energy Managed Assets Only)

Essential Energy (Local Electricity Distributer) is responsible for maintaining public lighting assets consistent with AS1158 and service levels stipulated by the Public Lighting Code 2006. This includes;

- Assessment and approval of contestable works projects
- Biannual maintenance patrols of category V roadways
- Management of network faults
- Maintenance and renewal of failed assets
- Bulk network lamp replacements
- Asset component condition assessment (4 year cycle)
- Quality assurance of network renewal and upgrade works
- Vegetation management
- Asset data collection, maintenance and management

4.0 Objectives

The objectives of the policy are:

- To provide a safe, secure and attractive visual environment for pedestrian and vehicular traffic during times of inadequate natural light.
- Provide lighting with illumination levels appropriate to the lighting environment and generally in accordance with AS/NZS1158 series of standards and the NSW Public Lighting Code 2006.
- To provide a cost-effective public lighting service.
- To conserve energy and promote sustainability.

5.0 Scope

This policy shall apply to public roads and all unsecured public areas within the Temora LGA.

6.0 Related Documents

Documents related to this policy are;

AS1158 Public Lighting Standards
NSW Public Lighting Code
Service Level Agreement
Service Provider Management Plan
Vegetation Management Agreement

7.0 Public Lighting by Local Environmental Plan (LEP) Zoning

LEP land zoning, segments areas of the Temora LGA into distinct parcels of land, where particular development controls exist over that parcel of land. LEP zones accommodate a wide range of development activities, some of which are heavily dependent on public lighting, whilst others do not require public lighting.

Council has chosen to use its LEP as a tool to differentiate between areas requiring public lighting, along with setting public lighting standards in these respective areas.

7.1 RU1 Primary Production and RU3 Forestry

This zone covers land used for extensive agriculture, horticulture, intensive livestock enterprises, mining, forestry, and extractive industries. Dwellings are usually some distance apart and the need for lighting is minimal.

- **State Roads**
Street lighting may be provided at major intersections at the discretion of Council, in consultation with RMS (state road authority).

7.2 RU 5 Village and R1 General Residential

The RU5 zone covers Aria Park and Springdale in which there is a mix of residential and related uses suited to village needs. The R1 zone covers the bulk of the existing and future residential lands in urban Temora. The majority of this land has a minimum lot size of 750m².

- **State Roads**
A minimum of AS1158.1 Lighting subcategory V5 will be provided in this zone.
- **Regional Roads**
AS1158.1 Lighting subcategory V5 should be provided in this zone. Additional supplementary lighting required by AS1158 will be installed at facilities such as pedestrian crossings, pedestrian refuges, and roundabouts.
- **Local Roads**
AS1158.3 Lighting subcategory P4 and P5 will be provided in this zone. Lighting will typically be supplied at each street corner and one mid-block. Additional supplementary lighting required by AS1158 will be installed at facilities such as pedestrian crossings, pedestrian refuges, and roundabouts.

Street lights should not be further apart than 100 metres taking into account variations in pole spacing, changes in road alignment (intersections and curves), trees and particularly dark areas.

- **Laneways**

Consideration will be given to providing one light at each end of a laneway in accordance with AS1158.3 Lighting subcategory P4 and P5.

- Parks and Reserves
Lighting will be considered on a case by case basis at the discretion of Council. Where lighting is implemented it should be in accordance with AS1158.3 Lighting subcategory P8.

7.3 R5 Large Lot Residential

This zone applies to land on the outskirts of Temora town and Aria Park, and caters for the demand for houses on large lots in a semi-rural setting

- State Roads
Lighting subcategory V5 may be provided at intersections at the discretion of Council, in consultation with RMS (state road authority).
- Regional Roads
Lighting subcategory V5 may be provided intersections at the discretion of Council.
- Local Roads
Lighting subcategory P4 or P5 may be provided at intersections at the discretion of Council.

7.4 B2 Local Centre

This zone covers the town centre of Temora, extending along Hoskins Street from Austral Street to Grey Street, including the eastern side of Baker Street.

- State Roads
A minimum of AS1158.1 Lighting subcategory V5 will be provided in this zone.
- Local Roads
AS1158.3 Lighting subcategory P4 and P5 will be provided in this zone. Lighting will typically be supplied at each street corner and one mid-block. Additional supplementary lighting required by AS1158 will be installed at facilities such pedestrian crossings, pedestrian refuges, and roundabouts.

Street lights should not be further apart than 100 metres taking into account variations in pole spacing, changes in road alignment (intersections and curves), trees and particularly dark areas.

- Laneways
Consideration will be given to providing one light at each end of a laneway in accordance with AS1158.3 Lighting subcategory P4 and P5.
- Car Parks
AS1158.3 Lighting subcategory P11 and/or P12 will be considered on a case by case basis at the discretion of Council.

7.5 B4 Mixed Use

This zone, located on the western edge of the town centre is designed to encourage a range of business, medium density housing and related uses which do not need a prime town centre location. Most Mixed Use zoned land has a minimum lot size of 500m².

- **Local Roads**
AS1158.3 Lighting subcategory P4 and P5 will be provided in this zone. Lighting will typically be supplied at each street corner and one mid-block. Additional supplementary lighting required by AS1158 will be installed at facilities such as pedestrian crossings, pedestrian refuges, and roundabouts.

Street lights should not be further apart than 100 metres taking into account variations in pole spacing, changes in road alignment (intersections and curves), trees and particularly dark areas.

- **Laneways**
Consideration will be given to providing one light at each end of a laneway in accordance with AS1158.3 Lighting subcategory P4 and P5.

7.6 B6 Enterprise Corridor and IN1 General Industrial

The B6 zone applies to land located north of Kitchener Road, between Airport Street, Goldfields Way and Trungley Hall Road. The IN1 General Industrial zone covers the existing primary industrial areas on the eastern side of Temora town.

- **State Roads**
AS1158.1 Lighting subcategory V5 will be provided in this zone.
- **Regional Roads**
AS1158.1 Lighting subcategory V5 should be provided in this zone. Additional supplementary lighting required by AS1158 will be installed at facilities such as pedestrian crossings, pedestrian refuges, and roundabouts.
- **Local Roads**
AS1158.3 Lighting subcategory P4 and P5 will be provided in this zone. Lighting will typically be supplied at each street corner and one mid-block. Additional supplementary lighting required by AS1158 will be installed at facilities such as pedestrian crossings, pedestrian refuges, and roundabouts.

Street lights should not be further apart than 100 metres taking into account variations in pole spacing, changes in road alignment (intersections and curves), trees and particularly dark areas.

Security lighting shall not be installed or connected to the street lights for private industrial property. Owners are to install their own security lighting.

7.7 SP1 Special Activities

This zone applies to the airpark estate, which limits development to business premises, residential, tourist and visitor accommodation, incidental with aviation. This zone also applies to the stock and sale yards, grain handling facilities and sewerage treatment works site.

- **State Roads**
Street lighting will not be provided in this zone. Lighting subcategory V5 may be provided at major intersections where agreement is reached between Council and RMS (state road authority).
- **Local Roads**

Lighting subcategory P4 or P5 may be provided at intersections at the discretion of Council.

7.8 SP2 Infrastructure

This zone is used for railway infrastructure facilities, airport, former Council depot, cemetery, waste management facility, hospital, Greenstone Lodge, and electrical infrastructure.

Generally public lighting is not applicable to this zone. Where public lighting is required on adjacent road and street frontage, this public lighting is to be installed as per the requirements of the adjacent LEP zone.

Council provides lighting for Council owned infrastructure – airport, cemetery, waste management facility. The standard of this lighting is at the discretion of Council.

Note: All lighting work around the Temora airport shall be undertaken in consultation with TSC and the Civil Aviation Safety Authority (CASA).

7.9 RE1 Public Recreation

This zoning covers publicly owned parks and reserves.

Lighting of urban parks will be considered where the park is used for night time recreation and/or where public safety is a significant issue or when the park is used as an access from one road to another.

The lighting of the park should be considered taking into account the amenity considerations of the neighbouring properties.

Public lighting implemented in recreation areas should be provided consistent with AS1158.3 lighting subcategory P7 or P8

Note: See TSC Recreation and Open Spaces Policy for further direction on target asset standards.

7.10 RE2 Private Recreation

This zoning covers the golf course, Greyhound Park and the showground – all of which are privately owned or managed.

Lighting within the property will not be provided by Council. Street lighting leading to these developments will be as per the surrounding land use.

7.11 E1 National Parks and Nature Reserves

This zone applies to Nature Reserves located at Ingalba, Pucawan, Narraburra and Quandary.

Council does not provide lighting within this zone.

7.12 W2 Recreational Waterways

This zone applies to Lake Centenary

Lighting within the facility is provided for security purposes at the discretion of Council.

8.0 Subdivisions and General Development

All new subdivisions or public developments will have street lighting installed in accordance with this policy.

For public lighting associated with new residential, commercial and industrial subdivisions, the lighting is to become operational when the public roads are created and opened to the public.

9.0 Street Lighting Structures

Street lighting provided on public roads shall be standard structures and components approved by Essential Energy. Approved structures and components are available through Essential Energy's Standards Online Portal available on Essential Energy's website.

10.0 Pole setback

Pole setback shall be in accordance with AS1158.1.2.

11.0 Asset Ownership

All street lighting on public roads within Council's area will be owned and maintained by Essential Energy. Council may, at its discretion choose to retain ownership of new lighting assets.

12.0 Standard Default Luminaries

The following luminaries will be installed as standard defaults for new and replacement work across the Council area.

Road Type	Default Luminaries	Notes
Local	Refer to Essential Energy's standard materials list and construction standard document	Bulk bulb replacement to LED technology will occur in the near future.
State and Regional	Refer to Essential Energy's standard materials list and construction standard document	Bulk bulb replacement to LED technology will occur in the near future.

13.0 Public Lighting Modification/Upgrade Requests

Council will consider public lighting modification and upgrade requests on a merit based, case by case basis. Council will maintain regard for AS1158, whilst weighing up relative risk to all parties involved.

Funding of modification and upgrade works resulting from public requests, should be considered and determined within each request.

14.0 Vegetation Maintenance

Vegetation maintenance associated with public lighting should be managed by agreement with Essential Energy. Currently there is no vegetation management agreement with Essential Energy; however Essential Energy is working on developing a state wide template agreement for Councils to Consider.

15.0 Retrospective Lighting Standards

This Policy was adopted by Council on (16 August 2018 Resolution No 157/2018) and is the basis for the installation of future lighting requirements. Some existing public roads may have a lighting standard that varies from this Policy.

The adoption of this Policy does not commit Council to upgrading public lighting assets. Upgrading to standards set out in this policy will be at the discretion of Council.

Appendix A – Temora LEP MAPs

Temora LEP maps can be located at the following link; [Temora LEP Maps](#).