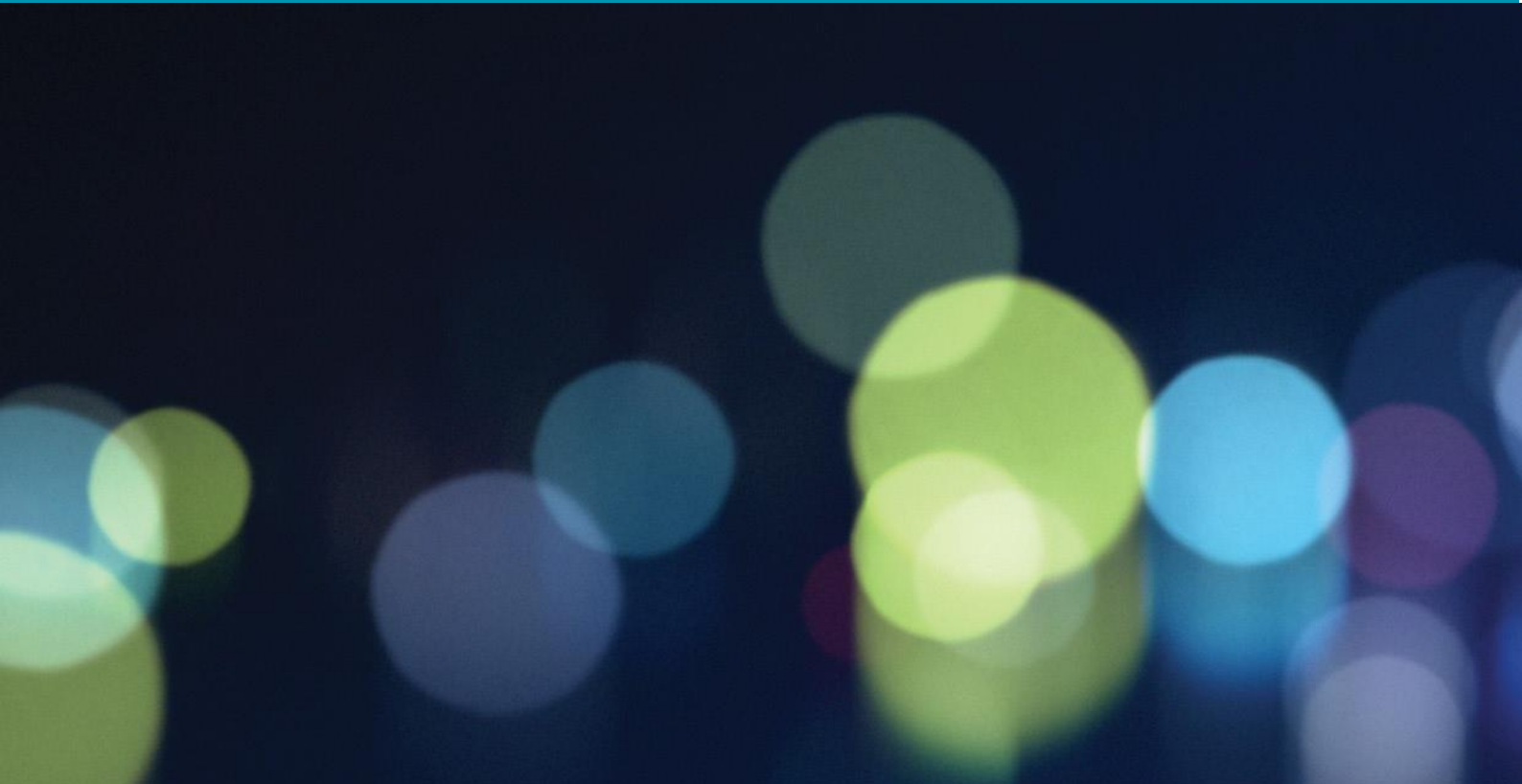




# Public Lighting Management Plan

July 2019



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# Executive Summary

Endeavour Energy is committed to the application of best practice asset management strategies for its Public Lighting assets.

This plan outlines how Endeavour Energy will provide and manage a safe and reliable Public Lighting network on behalf of its Public Lighting Customers.

The plan aligns with Endeavour Energy's regulatory requirements, as well as the NSW Public Lighting Code.

## Overview

Endeavour Energy distributes and provides power to approximately 1.0 million customers or 2.4 million people, in households and businesses across a network franchise spanning 24,808 square kilometres in Greater Western Sydney, the Illawarra, the Blue Mountains and the Southern Highlands.

Illumination on residential streets, main roads, pedestrian crossings and pathways is provided by approximately 215,000 streetlights connected to the network, which are operated and managed on behalf of over 50 Public Lighting Customers, including 23 local councils.

As a Public Lighting Service Provider, Endeavour Energy recognises that well designed, maintained and managed Public Lighting offers a safe, secure and attractive visual environment for pedestrians and drivers during times of inadequate natural light.

The NSW Public Lighting Code, September 2018 (Code) has provided Endeavour Energy with an opportunity to work closely with its customers to maintain and improve Public Lighting services.

Endeavour Energy is committed to providing a level of service that meets the requirements of the Code within the framework approved by the Australian Energy Regulator (AER). As an endorsement of our commitment, this Public Lighting Management Plan (PLMP) has been developed to provide an overview of the business structure, processes and decision support systems Endeavour Energy has in place to manage and operate a safe and reliable Public Lighting network.

It also provides an overview of strategies Endeavour Energy has put in place for continuous improvement in the standard of Public Lighting services provided to the customers.

Endeavour Energy's focus is on providing a safe and reliable electricity supply and Public Lighting services to our customers and, in doing so, delivering ongoing excellence in customer service. This plan is a further endorsement of that commitment and our undertaking to our Public Lighting Customers in respect of compliance with the Code.



# • Introduction

## ● Introduction

### Purpose

This Management Plan is intended to provide all Public Lighting Customers with a clear understanding of Endeavour Energy asset management strategy for Public Lighting assets and how it intends to meet its obligations under the:

- NSW Public Lighting Code;
- final determination by the Australian Energy Regulator (AER);
- relevant Australian Standards;
- internal asset management policies and standards.

The Code does not apply to community title developments and their management associations or developers, private roads, and other private precincts including those serviced via NightWatch (e.g. private security outdoor floodlights) as they fall outside the definition of a Public Lighting Customer as per the Code.

### Scope

This plan has been developed to align with Endeavour Energy's regulatory period and in accordance with the Code, this plan covers the following areas:

- Endeavour Energy's strategy for operation, maintenance, refurbishment, replacement, repair and disposal of Public Lighting assets.
- Annual and Quarterly Reporting requirements.
- Service Level Agreements for response times with Public Lighting Customers.
- Endeavour Energy's / Public Lighting Customer responsibilities

### Compliance with Codes and Standards

Endeavour Energy will adhere to the following standards and codes when installing and maintaining Public Lighting assets:

- NSW Public Lighting Code September 2018 (Code).
- AS/NZS 1158 series of standards pertaining to the lighting of roads and public places
- Electricity Supply Act 1995.
- Endeavour Energy Electrical Safety Rules.
- Endeavour Energy Company Policy 9.2.13 – Property tenure for network assets.
- Endeavour Energy Company Policy 9.6.8 – Public Lighting.

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- **Introduction**

Public Lighting Customers are responsible for the environment in which lighting schemes are installed and should be mindful of the impact the environment has upon lighting. If the environment is subsequently altered (for example, by trees or vegetation planted subsequent to the installation), Endeavour Energy cannot warrant that the installation will still comply with the customer's initial nominated design requirements.

### **Nominated Representatives**

The Code requires each Public Lighting Customer and Endeavour Energy to nominate a single Representative. This individual will be the primary point of contact for all Public Lighting matters between the Public Lighting Customer's organisation and Endeavour Energy.

This includes specific Public Lighting issues, annual and quarterly reporting and the revision of the Public Lighting Management Plan.

Endeavour Energy will reconfirm its Public Lighting Service Provider Representative and each Public Lighting Customers Representative each year.

Any changes to a Public Lighting Customers Representative are to be sent to [PublicLighting@EndeavourEnergy.com.au](mailto:PublicLighting@EndeavourEnergy.com.au).





## **: Design & Construction**









# • Asset Management

















# Reporting

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- **Reporting**

### **Annual Reporting**

Annual performance reporting will be provided to each Public Lighting Customer (under the Code) electronically. The annual performance report will include details of:

- the maintenance activities undertaken;
- compliance with the service standards outlined within this document and the Code;
- compliance with other obligations within this document and the code;
- a current version of the Public Lighting Customers Public Lighting inventory

Annual Public Lighting performance reports will be sent directly to the customers nominated representative by no later than the 31<sup>st</sup> August each year.

### **Quarterly Reporting**

Quarterly reporting will be provided to each Public Lighting Customer (under the Code) electronically. The quarterly performance reports will include details of:

- repaired faults, including details about its location and time to repair;
- faults yet to be repaired and current service levels associated with them;
- services levels (General, Specific and Priority faults) against the targets in this document and the Code;
- timeframes associated with the installation of Public Lighting services.

Quarterly Public Lighting performance reports will be sent directly to the customers nominated representative within one month of the end of the relevant quarter.



# • Annexures







W [endeavourenergy.com.au](http://endeavourenergy.com.au)  
E [PublicLighting@endeavourenergy.com.au](mailto:PublicLighting@endeavourenergy.com.au)  
T 131 081



ABN 11 247 365 823