



Gladstone Regional Council

Council Policy

Title	SOLAR STREET LIGHTS
Policy Number	P-2014/45
Responsible Directorate	ENGINEERING SERVICES
Responsible Officer	DIRECTOR ENGINEERING SERVICES
Date of Adoption	16 DECEMBER 2014
Resolution Number	G/14/2279
Date Review Due	16 DECEMBER 2017

1.0 PURPOSE:

The purpose of this policy is to outline Gladstone Regional Council's policy position on the use of solar street lights in response to the land development industry's growing interest in adopting solar street light technologies.

2.0 SCOPE:

This policy applies to assessable developments, as defined in the *Sustainable Planning Act 2009*, for which the installation of new street lighting and/or the upgrade of the existing street lighting is required in the Gladstone Regional Council area.

3.0 RELATED LEGISLATION:

Sustainable Planning Act 2009
Local Government Act 2009

4.0 RELATED DOCUMENTS:

- AS/NZS 1158 series: Lighting for Roads and Public Spaces
- AS/NZS 5033:2012 Installation and safety requirements for photovoltaic (PV) arrays
- Public Lighting Design Manual - Ergon Energy™
- Standard Conditions for Public Lighting Services - Ergon Energy™

5.0 DEFINITIONS:

To assist in the interpretation of this policy the following definitions apply:

Council means Gladstone Regional Council.

Ergon Energy means Ergon Energy Corporation Limited.

Solar Street Lights are raised light sources which are powered by photovoltaic panels generally mounted on the lighting structure. The photovoltaic panels charge a rechargeable battery, which powers a fluorescent or LED lamp during the night.

6.0 POLICY STATEMENT:

6.1 General Requirement

It is Council's preference not to accept Solar Street Lights as an alternative product to grid tied lighting for lighting to be installed on Council roads because the current state of development of Solar Street Light technology does not, in Council's view, provide a reliable and cost effective solution for the provision of such lighting in most cases.

6.2 Exceptions

On a case-by-case basis Council will consider the use of Solar Street Lights under the following circumstances:

- 1) The provision of lighting is in an isolated location, e.g. a rural intersection, where low voltage power supply is not available;
- 2) The provision of lighting is within a community titled subdivision where Council is not responsible for its ongoing operation and maintenance;
- 3) The provision of lighting is to be on a Council controlled road and a funding agreement is secured between Council and the developer or the manufacturer of the lighting equipment for that developer or manufacturer to accept the costs of the future operation and maintenance of that lighting.
- 4) The provision of lighting for car parks and other council facilities where non-compliance with AS1158 does not, in Council's opinion, present a high risk to Council.

An approval of an exception to allow the installation of Solar Street Lights under one of the above-mentioned circumstances must be obtained from Council before any works permit or development approval for the installation of Solar Street Lights will be considered by Council.

6.3 Indemnity

As Solar Street Lights are not subject to a Network Extension Agreement (NEA) with Ergon Energy, an indemnity for such lighting shall not be required. Council will, however, provide a non-standard street lighting indemnity where Council approves the installation of Solar Street Lights on Council controlled roads, if such an indemnity is required by Ergon Energy.

7.0 ATTACHMENTS:

Nil

8.0 REVIEW TRIGGER:

This policy will be reviewed when any of the following occur:

1. The related legislation/documents are amended or replaced.
2. Other circumstances as determined from time to time by a resolution of Council
3. Periodic Review – 3 years from date of adoption.

TABLE OF AMENDMENTS		
Originally Adopted	16 December 2014	G/14/2279
Amendment 1	<INSERT DATE COUNCIL MEETING>	<INSERT RESOLUTION NUMBER>
Amendment 2	<INSERT DATE COUNCIL MEETING>	<INSERT RESOLUTION NUMBER>
Amendment 3	<INSERT DATE COUNCIL MEETING>	<INSERT RESOLUTION NUMBER>

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STUART RANDLE
CHIEF EXECUTIVE OFFICER