



We contribute, in partnership with the region's energy provider, to the planning and delivery of a street lighting network that focusses on improving road user and pedestrian safety at night.

We also contribute to pedestrian safety through the progressive review of lighting in public spaces and identifying any potential improvements for future budget consideration.



3.5 STREET LIGHTING & PUBLIC SPACE LIGHTING

What we do

Council pays monthly street lighting electricity accounts to Ergon Energy as they currently own and maintain the majority of the street lights installed across the Maranoa region.

Number of street lights	
Mitchell and Surrounds	
Amby	18
Mungallala	27
Mitchell	154
Roma and Surrounds	
Roma	631
Muckadilla	15
Injune	76
Surat	66
Yuleba / Wallumbilla / Jackson and Surrounds	
Yuleba	37
Wallumbilla	47
Jackson	11
TOTAL	1,082

Council provides a number of related services:

- Consideration of residents' requests for additional street lights and application to Ergon Energy.

New installations are prioritised based on road user volumes and are subject to Council's funding availability. In some situations nearby residents will also be consulted to identify if the additional lighting is desired.

- Audit to proactively identify faults.
- Notification of faults to Ergon Energy where these have been reported to Council (Note: Residents can report these directly to Ergon Energy).
- Conditioning new developments to ensure that street lighting meets the requirements of the Australian Standard.

Why we do it

We aim to provide:

- a well-planned and affordable street lighting network that focusses on improving road user and pedestrian safety at night - particularly at intersections, traffic islands and pedestrian crossing points.
- improved safety for pedestrians through the progressive review of lighting in public spaces and identification of any potential improvements for budget consideration.

Note:

- Only local governments (Councils) or the Department of Transport and Main Roads can apply to Ergon Energy for street lighting connections.
- Street lighting is not designed to provide security lighting for private property.
- Council's preference is not to install shields on street lights, as this can reduce lighting levels below that required by the Australian Standards, resulting in public safety issues.

Where a resident can demonstrate extreme hardship due to light spill into their property from an adjacent street light, the installation of a shield on the light may be considered.

Shields are not appropriate in new residential subdivisions where the street lighting has been specifically designed and installed to meet the lighting requirements of the Australian Standard.

- Street lighting designs must be prepared by an approved consultant and are to be certified by a registered engineer.

What we must do

Capricorn Municipal Design Guidelines (CMDG)

AS 1158 – Lighting for Roads and Public Spaces

Did you know

We do not own the majority of the street lights, but we do pay the accounts.



3.5 STREET LIGHTING & PUBLIC SPACE LIGHTING

Corporate Plan 2018-2023 and Operational Plan 2021/22

Corporate Plan (What we aim to do)	Operational Plan 2021/22
3.5.1 Develop a street lighting strategy to guide investment decisions for additional lighting and consideration of new applications.	Implementation
3.5.2 Undertake an annual audit of our towns for street lights that aren't working and report these to the provider.	Annual service
3.5.3 Allocate an annual budget sufficient to meet current lighting use and periodically review the allocation for any expansion to the network.	Annual service Audit of street lighting payments to confirm applicable to the Council network.
3.5.4 Explore opportunities to reduce costs and consumption through energy efficiency options.	Annual service Investigation into options for the improvement of festoon lighting in Roma and Mitchell.
3.5.5 Facilitate the reporting of faults to the energy provider.	Annual service
3.5.6 Consider improvements according to annual priorities across both streets and public spaces.	Completion of Adungadoo Pathway lighting project.
3.5.7 Identify and implement lighting projects that complement other infrastructure works.	Mitchell Memorial Park lighting replacement to solar.

* LED - light-emitting diode



Festive lighting in McDowall Street, Roma.

Annual services

What we do	Corporate plan reference	Target service levels
Faults		
<ul style="list-style-type: none"> Proactive (inspection of the street lighting network for brightness, damage and faults and report all findings to Ergon Energy). Reactive 	<p>3.5.2</p> <p>3.5.5</p>	<p>Annually</p> <p>As required</p> <p><i>Note: Council or residents can report faults directly to Ergon Energy:</i></p> <ul style="list-style-type: none"> Telephone: 13 22 96 Online: <p>https://www.ergon.com.au/network/outages-and-disruptions/report-a-problem/faulty-streetlight.</p> <p><i>Ergon will need to be provided with the street address of the pole and it is helpful if the number on the pole can also be provided.</i></p> <ul style="list-style-type: none"> Emergencies such as exposed live wires should be reported immediately by telephoning Ergon on 13 19 62. Downed power lines should be reported directly to Emergency Services on 000.
Electricity account processing		
<ul style="list-style-type: none"> Mitchell & Surrounds (Mitchell, Amby, Mungallala) Roma & Surrounds (Roma, Muckadilla) Injune Surat Yuleba & Surrounds (Yuleba, Wallumbilla, Jackson) 	3.5.3	Monthly
Electricity network		
New applications	3.5.1	<p>Upon receipt</p> <p>Includes consideration of supporting information and road user volumes as required.</p>

Our business partners, stakeholders and customers



Ergon
Developers
Residents

How we are managing the key operational risks

Risk	Actions
<ul style="list-style-type: none"> Some components of the service and performance fall under the control of entities other than Council. <p>Street lighting is provided to improve road user safety at night by illuminating roads and footpaths particularly at intersections, traffic islands and pedestrian crossing points. The service is delivered via partnership with Ergon Energy and Maranoa Regional Council. Ergon Energy currently own and maintain almost all street lights installed in the Maranoa region, with Council paying the monthly electricity accounts and approving network extensions.</p>	<ul style="list-style-type: none"> Annual budget sufficient to meet current lighting use. Proactive annual audit of our towns for street lights that aren't working and reporting these to the provider. Communication of street lighting arrangements through the inclusion of a specific topic in the Corporate and Operational Plans and development of a Fact Sheet to raise awareness within the community about street lighting arrangements.
<ul style="list-style-type: none"> Unplanned extensions to the existing street light network <p>Council pays a service and energy use charge for each street light [other than those on State-controlled roads] within the Maranoa region. As the network is extended, the annual cost of street lighting also increases.</p> <p>Any network extensions need to be considered on a strategic basis so that the level of service is sustainable over the long term.</p>	<ul style="list-style-type: none"> Street lighting strategy to guide investment decisions for additional lighting. Ensuring street lighting requirements for developments are appropriate and consider the long term operational cost to Council (Planning Scheme and Capricorn Municipal Design Guidelines). Identification and implementation of lighting projects that complement other infrastructure works.

Our finances - Street lighting and public spaces

Operations and maintenance	2018/19	2019/20	2020/21 Quarter 4 review	2021/22 Cost and funding estimates	2021/22 Reduced budget
	\$	\$	\$	\$	\$
Operating expenses	\$225,231	\$200,126	\$273,000	\$223,000	\$197,853
Employee costs	4,951	4,941	-	-	-
Materials and services	220,280	195,185	223,000	223,000	197,853
One-off initiatives (operating projects)	-	-	50,000	-	-
Depreciation expense	-	-	-	-	-
Operating result (deficit) - Contribution required from general revenue	(\$225,231)	(\$200,126)	(\$273,000)	(\$223,000)	(\$197,853)

Capital expenditure and funding (Renewal, new, upgrade works)	2018/19	2019/20	2020/21 Quarter 4 review	2021/22 Cost and funding estimates	2021/22 Reduced budget
	\$	\$	\$	\$	\$
Capital funding					
Grants, subsidies	-	-	114,000	-	-
Other	-	-	-	-	-
Total capital funding	-	-	\$114,000	-	-
Capital expenditure					
Asset renewal	-	-	-	-	-
New works	-	-	114,000	150,000	142,500
Upgrade works	-	-	-	-	-
Total capital expenditure	-	-	\$114,000	\$150,000	\$142,500

Our projects 2021/22

Project ID	Asset work type	Project name	Local area	Cost estimate (\$)
3.5a	New	Priority Street Lighting Upgrade Program - e.g. High Priority Pedestrian Crossings	Regional	150,000