



**Public Lighting Services
Tariff Application and Price Guide**

2015-16

As submitted to the AER



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Public Lighting Services Application and Price Guide

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Amendments to each version of this document will be tracked through TasNetworks' document management system.



Table of Contents

1	Introduction	1
2	Background	2
3	Application of public lighting tariffs.....	3
3.1	TasNetworks	3
3.2	Goods and service tax (GST)	3
3.3	Public lighting charges	3
3.4	Obsolete tariffs	3
3.5	Abolished tariffs.....	4
3.6	Change, installation or removal of luminaire	4
3.7	Invoicing process	4
4	Assigning and reassigning customers to tariff classes	5
4.1	Reassignment of public lighting tariffs	5
5	Procedure for reviewing complaints and disputes	6
5.1	Internal procedure for reviewing objections.....	6
5.2	Objection not resolved to satisfaction of customer under internal review process	6
5.3	Final tariff class assignment.....	6
6	Street lighting.....	7
6.1	Major fittings	7
6.2	Minor fittings.....	7
7	Contract lighting	9
8	Surcharge poles.....	10
9	Glossary.....	11

1 Introduction

This 2015-16 Public Lighting Services Tariff Application and Price Guide outlines TasNetworks' tariff terms and prices for the provision of alternative control services – public lighting services and applies from 1 July 2015 to 30 June 2016.

This 2015-16 Public Lighting Services Tariff Application and Price Guide sets out those services provided by TasNetworks for:

- the provision, maintenance and replacement of public lighting assets owned by TasNetworks (street lighting);
- the maintenance of public lighting assets owned by customers (contract lighting); and
- the provision, maintenance and replacement of TasNetworks owned public lighting poles (surcharge poles).

Public lighting services that are not included in this guide are:

- the alteration and relocation of public lighting assets, which will be provided on a quoted service basis and are therefore categorised as a quoted (non-standard) service;
- the installation of contract lights, which will be provided on a quoted service basis and is therefore categorised as a quoted (non-standard) service; and
- the provision of new public lighting technologies, which will be classified as a negotiated distribution service.

Further information on TasNetworks public lighting tariffs can be found at TasNetworks' website:

<http://www.tasnetworks.com.au/our-network/network-revenue-pricing/distribution-fees-and-tariffs>

2 Background

TasNetworks operates and maintains the street lighting system throughout Tasmania on behalf of councils and other Government road authorities. The objectives of public lighting are to provide:

- a lit environment conducive to the safe and comfortable movement of vehicular; and
- pedestrian traffic during hours of darkness and the discouragement of illegal acts.

The street lighting provided for the community to illuminate outdoor public access areas after dark includes the management of luminaire, fixtures, support brackets and control systems.

TasNetworks' street lighting is classified in accordance with AS/NZS 1158 into the following categories:

- **Category 'V'** – generally referred to as major fittings, which is applicable for roads where the visual requirements of motorists are dominant.
- **Category 'P'** – generally referred to as minor fittings, which is applicable for roads where the visual requirements of pedestrians are dominant. Also applicable to outdoor public areas, other than roads, where the visual requirements of pedestrians are dominant, for example, outdoor shopping precincts.

The road lighting authority will advise TasNetworks of the required category of public lighting services at the time installation.

TasNetworks has two additional categories of lighting services, these are contract lights and surcharge poles.

TasNetworks owns the majority of the luminaires. Approximately 75 per cent of public lighting is supported on distribution poles. The remaining public lighting is on dedicated poles, which in most cases is privately owned. There are 28 councils plus the Department of State Growth, Taspports, Government Business Enterprises and other contract clients who have some ownership interest in street lighting services as well as being paying customers of TasNetworks.

3 Application of public lighting tariffs

3.1 TasNetworks

All references to TasNetworks within this Public Lighting Services Tariff Application and Price Guide, unless otherwise stated, refer to TasNetworks in its capacity as a licensed distribution network service provider in the Tasmanian jurisdiction only.

3.2 Goods and service tax (GST)

The public lighting services prices and tariffs published by TasNetworks, unless otherwise stated, are exclusive of GST.

3.3 Public lighting charges

Public lighting services consist of repair, replacement and maintenance of existing public lighting assets and the provision of new public lighting assets. The calculation of public lighting charges for TasNetworks provided public lighting services is based on the costs associated with installing and maintaining the fitting and the bracket.

Public lighting tariffs do not include charges for the utilisation of TasNetworks' distribution network. Costs for the use of the distribution network are an additional charge and are included in TasNetworks' network tariff, which are outlined in TasNetworks' Network Tariff Application and Price Guide.

The public lighting tariffs within this Public Lighting Services Tariff Application and Price Guide are calculated in accordance with the (AER) Distribution Determination.

3.4 Obsolete tariffs

There are a number of public lighting tariffs that TasNetworks has classified as obsolete. An obsolete public lighting tariff is no longer available to any new customer. Existing customers may remain on an obsolete tariff providing no alteration is made to the fitting or the fitting requires replacement as a result of a fault.

Obsolete fittings may be either maintained or replaced by TasNetworks at the time of fault rectification. As a general rule, lamps will be replaced with like lamps, whereas fittings (luminaires) will be replaced with a differing luminaire type. Replacement fittings used will be in accordance with Table 1.

Customers who choose to transfer or remove an obsolete luminaire will not be able to revert back to that luminaire at a later date.

A current or new fitting must be selected when transferring to a new luminaire.

Table 1: Obsolete fittings

Luminaire (existing)	Category	Luminaire (new)
50W Mercury Vapour	Obsolete	42W Compact Fluorescent or 18W LED ¹
80W Mercury Vapour – Aeroscreen	Obsolete	42W Compact Fluorescent or 18W LED ¹
80W Mercury Vapour – Art Decorative	Obsolete	42W Compact Fluorescent or 18W LED ¹

Luminaire (existing)	Category	Luminaire (new)
125W Mercury Vapour	Obsolete	42W Compact Fluorescent or 100W Sodium Vapour or 100W Metal Halide
250W Mercury Vapour	Obsolete	150W Sodium Vapour or 150W Metal Halide
400W Mercury Vapour	Obsolete	250W Sodium Vapour or 250W Metal Halide

¹ The 18W LED will be subject to a Negotiated Price until 1 July 2017. As a result, the price is not contained within this document.

3.5 Abolished tariffs

There are a number of public lighting tariffs that TasNetworks has abolished since the start of the current regulatory control period. An abolished public lighting tariff is no longer available to any customer. Abolished fittings will be replaced in accordance with Table 2.

Table 2: Abolished fittings

Luminaire (existing)	Category	Luminaire (new)
2x20W Fluorescent	Abolished	42W Compact Fluorescent or 18W LED ¹
2x40W Fluorescent	Abolished	42W Compact Fluorescent or 18W LED ¹
60W Incandescent	Abolished	42W Compact Fluorescent or 18W LED ¹

¹ The 18W LED will be subject to a Negotiated Price until 1 July 2017. As a result, the price is not contained within this document.

3.6 Change, installation or removal of luminaire

Where a new public lighting service is provided mid-month, the charge for the provision of the lighting service will apply for the entire month.

Where a public lighting services is discontinued mid-month, the charge for the provision of the lighting service will apply for the entire month.

Where a change in the public lighting service type occurs mid-month (e.g. 80W Mercury Vapour to a 42W Compact Fluorescent) the charge for the provision of both lighting types will apply for the entire month.

3.7 Invoicing process

TasNetworks raises all retailer invoices on a monthly basis as per the charges detailed in this Tariff Application and Price Guide.

Contract light volumes are updated on a monthly basis with street light volumes updated on a quarterly basis.

4 Assigning and reassigning customers to tariff classes

TasNetworks assigns customers to tariffs on the basis of the public lighting service selected. Customers are assigned into one of following public lighting tariff classes:

- street lighting;
- contract lighting; and
- surcharge poles.

Customers are assigned to at least one tariff class. Assignment to tariff classes is based on the customer's choice of lighting.

4.1 Reassignment of public lighting tariffs

Customers seeking a change in public lighting service will be reassigned to a new public lighting tariff at the commencement of the next billing period for the customer.

Customers will thereafter remain on the reassigned public lighting tariff.

A tariff reassignment request may be made:

- a) through the customer's retailer, in which case the retailer will notify TasNetworks;
- b) through TasNetworks, in which case TasNetworks will advise the customer's retailer.

Where TasNetworks changes the luminaire of an obsolete fitting type to that of a new fitting type, the customer will be reassigned to a new public lighting tariff at the commencement of the next billing period for the customer.

Customers will thereafter remain on the reassigned public lighting tariff.

Exceptions to the above conditions will only be made at TasNetworks' discretion where it can be demonstrated that to not do so would result in unreasonable penalties or impose hardship on the customer.

5 Procedure for reviewing complaints and disputes

TasNetworks will ensure that all complaints and disputes are dealt with in accordance with its standard complaints and dispute resolution policy and procedures. TasNetworks' dispute resolution policy is reviewed annually and published on TasNetworks' website.

5.1 Internal procedure for reviewing objections

Where TasNetworks receives written notification that a customer has an objection to the proposed public lighting service or reassignment, the following additional procedures will be followed.

TasNetworks may consult with the customer's retailer during the process of undertaking a review.

TasNetworks will undertake the following internal review process:

- the customer's written objection will be reviewed by TasNetworks;
- additional information provided by the customer (and/or the customer's retailer) will be considered;
- TasNetworks will determine the tariff assignment that should apply;
- the proposed tariff assignment will be reviewed and approved by the Team Leader Commercial Solutions; and
- the customer (and/or customer's retailer) will be notified in writing of the tariff assignment review outcomes within 15 business days of receipt of the customer's written objection.

5.2 Objection not resolved to satisfaction of customer under internal review process

If, after applying TasNetworks' internal review process as detailed above, the customer's objection to the public lighting service is not resolved to their satisfaction, the customer is entitled to seek resolution through the following avenues:

- if the resolution of the dispute is within the jurisdiction of the Energy Ombudsman, the customer is entitled to escalate the matter to the Energy Ombudsman; or
- the customer is entitled to seek a decision from the AER via the dispute resolution process available under Part L of Chapter 6 of the National Electricity Rules.

5.3 Final tariff class assignment

Initial tariff assignment

If a customer's objection relates to the tariff assigned when the public light was first connected, the original tariff will apply until the objection has been resolved in accordance with these procedures.

If the objection is resolved so that a different tariff is applicable, application of the new tariff will be back-dated to the original date of the assignment, and the customer's retailer will be billed accordingly.

Tariff reassignment

If a customer's objection relates to a public lighting tariff re-assignment, the original tariff will apply until the objection has been resolved in accordance with these procedures.

If the objection is resolved so that the re-assignment stands, application of the new tariff will commence at the start of the next billing period, or the originally notified date, whichever is later.

6 Street lighting

6.1 Major fittings

Major public lighting has historically been a combination of light sources including mercury vapour and low and high pressure sodium vapour. The majority of new fittings installed for major public lighting are high pressure sodium vapour fittings with power factor correction installed. Major public lighting is designed and installed on major roads to a specified level as documented in Australian Standards AS/NZS 1158 Series and AS/NZS 3771 or as requested and agreed by the respective road authority.

The daily charges for the provision of major fittings for the period 1 July 2015 to 30 June 2016 are presented in Table 3.

Table 3: Major fittings

Fitting Type	Tariff (c/day)	Annual Charge (\$) ¹
Current/New Fittings		
100W Sodium Vapour	35.045	128.26
150W Sodium Vapour	38.736	141.77
250W Sodium Vapour	38.855	142.21
400W Sodium Vapour	39.049	142.92
150W Metal Halide	38.736	141.77
250W Metal Halide	38.855	142.21
Obsolete Fittings		
125W Mercury Vapour	37.609	137.65
250W Mercury Vapour	38.045	139.24
400W Mercury Vapour	42.267	154.70

¹ Assumes full year.

6.2 Minor fittings

Minor public lighting is installed to a standard, however the spacing of luminaires is usually determined by what poles are available and what costs the road authority will accept. Public lighting in subdivisions with underground supply is installed on dedicated columns that are spaced according to public light spacing specifications for the luminaires used at the time of installation.

The daily charges for the provision of minor fittings for the period 1 July 2015 to 30 June 2016 are presented in Table 4.

Table 4: Minor fittings

Fitting Type	Tariff (c/day)	Annual Charge (\$) ¹
Current/New Fittings		
70W Sodium Vapour	34.786	127.32
42W Compact Fluorescent	34.731	127.12
Obsolete Fittings		
80W Mercury Vapour – Aeroscreen	32.662	119.54
80W Mercury Vapour – Art Decorative	51.743	189.38
50W Mercury Vapour	32.662	119.54

¹ Assumes full year.

TasNetworks is working towards the introduction of minor fitting, 18W LED light, at which time the 42W Compact Fluorescent will become obsolete. The tariff for the 18W LED light will be a negotiated tariff, and will not be included in this document.

7 Contract lighting

Contract lighting are lights that provide a direct benefit to a particular customer. All components of the installation, including the light fitting and arm, are maintained at the customers cost, except for replacement of the lamps and control equipment which are part of the contract lighting tariff. Contract lighting may be on TasNetworks poles and connected to the public lighting circuit or on private poles and buildings.

The daily charges for the provision of contract lighting for the period 1 July 2015 to 30 June 2016 are presented in Table 5.

Table 5: Contract lighting

Fitting Type	Tariff (c/day)	Annual Charge (\$) ¹
Current/New Fittings		
70W Sodium Vapour	22.489	82.31
150W Sodium Vapour	23.985	87.79
250W Sodium Vapour	23.951	87.66
400W Sodium Vapour	24.022	87.92
150W Metal Halide	23.985	87.79
250W Metal Halide	23.951	87.66
400W Metal Halide	23.951	87.66
Obsolete Fittings		
50W Mercury Vapour	22.312	81.66
80W Mercury Vapour – Aeroscreen	22.301	81.62
125W Mercury Vapour	23.305	85.30
250W Mercury Vapour	23.374	85.55
400W Mercury Vapour	23.426	85.74
1x20W Fluorescent	22.363	81.85
2x20W Fluorescent	22.477	82.27
1x40W Fluorescent	22.371	81.88
2x40W Fluorescent	23.482	85.94
3x40W Fluorescent	23.603	86.39
4x40W Fluorescent	24.394	89.28
60W Incandescent	22.299	81.61
100W Incandescent	23.290	85.24

¹ Assumes full year.

8 Surcharge poles

Historically, road lighting poles were installed at TasNetworks' cost and a surcharge pole charge was applied to the responsible authority to recover the costs associated with the assets. This practice has now ceased with all new poles being owned by the authority for which the public light is installed.

The daily charge for the provision of surcharge poles for the period 1 July 2015 to 30 June 2016 is presented in Table 6.

Table 6: Surcharge Poles

Surcharge Poles	c/day	Annual Charge (\$) ¹
Surcharge Pole	20.463	74.89

¹ Assumes full year.

9 Glossary

Abolished Tariff	Street lighting tariffs that have been superseded and are no longer available to any customer
AER	Australian Energy Regulator
AS/NZS	Australia and New Zealand Standards
Billing Period	The period covered by the bill sent to a retailer or customer
Customer	A person to whom TasNetworks provides regulated services
Distribution Determination	AER, Final Distribution Determination, Aurora Energy Pty Ltd, 2012-13 to 2016-17, April 2012
Distributor	As defined in the <i>Electricity Supply Industry Act 1995</i> (Tas)
Energy Ombudsman	As defined in the <i>Energy Ombudsman Act 1998</i> (Tas)
Network Tariff	The schedule of fees (including the rate or rates and relevant terms and conditions) TasNetworks uses to calculate the amount it charges customers, or a class of customers, for network services, as amended from time to time
Obsolete Tariff	Street lighting tariffs that have been superseded but remain in place for existing customers until such time as they are rescinded or the electrical configuration of a customer's installation is altered
TasNetworks	Unless otherwise stated means Tasmanian Networks Pty Ltd ABN 24 167 357 299 in its capacity as a distributor licensed by the Regulator in the state of Tasmania