# Public lighting services application and price guide

## For the 2024-2029 regulatory control period

1 July 2024

**Public**

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TasNetworks acknowledges the palawa (Tasmanian Aboriginal community) as the original owners and custodians of lutruwita (Tasmania). TasNetworks, acknowledges the palawa have maintained their spiritual and cultural connection to the land and water. We pay respect to Elders past and present and all Aboriginal and Torres Strait Islander peoples.



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# Contents


1. Introduction 3

2. Background 4

3. Application of public lighting tariffs 5
   - 3.1 TasNetworks 5
   - 3.2 Goods and service tax (GST) 5
   - 3.3 Public lighting charges 5
   - 3.4 Invoicing process 5
   - 3.5 Change, installation, or removal of luminaire 5

4. Assigning and reassigning customers to tariffs 6
   - 4.1 Assignment of public lighting tariffs 6
   - 4.2 Reassignment of public lighting tariffs 6

5. Public lighting 7
   - 5.1 Major fittings 7
   - 5.2 Minor fittings 7

6. Contract lighting 8

7. Procedure for reviewing complaints and disputes 9
   - 7.1 Internal procedure for reviewing objections 9
   - 7.2 Objection not resolved to satisfaction of customer under internal review process 9
   - 7.3 Final tariff class assignment 9

8. Obsolete and abolished tariffs 11
   - 8.1 Obsolete tariffs 11
   - 8.2 Abolished tariffs 13

9. 2026-27 charges 14
   - 9.1 Public lighting 14
   - 9.2 Contract lighting 16

10. Glossary 19





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# 1. Introduction

This *2024-2029 Public Lighting Services Application and Price Guide* outlines TasNetworks' tariff terms applying to the provision of public lighting services from 1 July 2024 to 30 June 2029. The guide sets out the services provided by TasNetworks in relation to:

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

These services include the provision, construction and maintenance of new/emerging lighting technology services.

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

- the alteration and relocation of public lighting assets, which is provided on a quoted service basis and categorised as a quoted (non-standard) service;[1] and
- the installation of contract lights, which is provided on a quoted service basis and categorised as a quoted (non-standard) service.[1]

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

https://www.tasnetworks.com.au/poles-and-wires/pricing/Our-prices.

[1] TasNetworks' quoted services are discussed in TasNetworks' *Ancillary Services – Quoted Services Application and Price Guide 2024-2029*



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# 2. Background

TasNetworks operates and maintains public lighting infrastructure 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 movement of vehicular and pedestrian traffic, and to promote public security during hours of darkness.

The public lighting services provided to illuminate communal outdoor areas include the management of luminaires, fixtures, support brackets and control systems.

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

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

The relevant road lighting authority[2] will advise TasNetworks of the required category of public lighting services at the time of installation.

As well as the public lighting services discussed above, TasNetworks has an additional category of lighting services, being contract lights.

[2] This could be one of the Local Government or the Department of State Growth.



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# 3. Application of public lighting tariffs

## 3.1 TasNetworks

All references to TasNetworks within this *2024-2029 Public Lighting Services Application and Price Guide*, unless otherwise stated, refer to TasNetworks in its capacity as a licensed distribution network service provider in the Tasmanian region of the National Electricity Market (**NEM**) only.

## 3.2 Goods and service tax (GST)

Unless stated otherwise, the metering services tariffs published by TasNetworks are exclusive of GST.

## 3.3 Public lighting charges

Public lighting services consist of the repair, replacement and maintenance of existing public lighting assets as well as the provision of new public lighting assets. The calculation of TasNetworks' public lighting charges 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' electricity network. Contributions towards the costs of the electricity network are recovered from public lighting customers through separate network tariffs, which are published in TasNetworks' *2024-2029 Network Tariff Application and Price Guide*.[3]

The public lighting tariffs within this *2024-2029 Public Lighting Services Application and Price Guide* are calculated in accordance with the Australian Energy Regulator's (**AER**) Distribution Determination for TasNetworks.[4]

## 3.4 Invoicing process

TasNetworks raises all public lighting invoices monthly as per the charges detailed in this *2024-2029 Public Lighting Services Application and Price Guide*.

## 3.5 Change, installation, or removal of luminaire

In the case of a newly installed public lighting service, the charge for the provision of the lighting service will apply for the entire month in which the new public lighting service is installed.

In cases where a public lighting service is discontinued, the charge for the provision of the lighting service will apply for the entire month in which the public lighting service in question is removed.

When a change in the type of public lighting service type occurs, (for example, a 80W Mercury Vapour luminaire is replaced with a 14W LED fitting), charges for the provision of both lighting types will be applied for the entire month in which the change is made.

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[3] This document can be found at https://www.tasnetworks.com.au/poles-and-wires/pricing/Our-prices.

[4] See https://www.aer.gov.au/industry/registers/determinations/tasnetworks-determination-2024-29/final-decision



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# 4. Assigning and reassigning customers to tariffs

TasNetworks assigns customers' installations/lights to public lighting tariff classes on the basis of the type of public lighting services provided. Installations/lights are assigned to one or more of the following public lighting tariff classes:

- public lighting; and
- contract lighting.

## 4.1 Assignment of public lighting tariffs

Once a customer's installation/light has been assigned to a public lighting tariff class, or classes, TasNetworks will assign public lighting tariffs based on the customer's choice of fittings.

## 4.2 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 where a change is deemed appropriate by TasNetworks.

Customers will thereafter remain on the reassigned public lighting tariff.

A tariff reassignment request may be made by a customer:

a) through the customer's retailer, in which case the retailer will notify TasNetworks; or

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

Where TasNetworks changes the luminaire of an obsolete fitting type to 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 be unreasonable or impose hardship on the customer.

# 5. Public lighting

## 5.1 Major fittings

Major public lighting has historically involved a combination of light sources, including mercury vapour and low and high pressure sodium vapour luminaires. All new fittings installed for major public lighting purposes are LED only. Major public lighting is designed and installed on major roads to a specified level, as documented in Australian Standards AS/NZS 1158 Series or as requested and agreed to by the respective road authority.

The daily charges for the provision of major fittings are detailed in Section 9.1.1.

## 5.2 Minor fittings

Minor public lighting is installed to a standard, however, the spacing of luminaires is usually determined by the existing poles which are available for the mounting of lighting fittings and the costs the road lighting 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. All new minor fittings are LED only.

The daily charges for the provision of major fittings are detailed in Section 9.1.2.

# 6. Contract lighting

Contract lighting refers to lights that provide a direct benefit to a particular customer. As part of the contract lighting tariff, TasNetworks is responsible for replacement of the lamps[5] and control equipment. All other components of the installation, including the light fitting and arm, are the responsibility of the customer as the owner of the light. Contract lighting may be mounted on TasNetworks' poles and connected to the public lighting circuit or supported by private poles or buildings.

The daily charges for the provision of contract lighting are detailed in Section 9.2

[5] The contract lighting tariff for LED lights does not include lamp replacement as this is not required for LEDs.



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# 7. Procedure for reviewing complaints and disputes

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

## 7.1 Internal procedure for reviewing objections

In the event that TasNetworks receives written notification that a customer has an objection to a proposed public lighting tariff assignment 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 (or reassignment) will be reviewed and approved by the Leader Regulation; and
- the customer (and/or customer's retailer) will be notified in writing of the tariff assignment review outcome within 15 business days of receipt of the customer's written objection.

## 7.2 Objection not resolved to satisfaction of customer under internal review process

If a customer's objection to a public lighting tariff assignment is not resolved to their satisfaction after applying TasNetworks' internal review process as detailed above, 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.

## 7.3 Final tariff class assignment

### 7.3.1 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 backdated to the original date of the assignment, and the customer's retailer will be billed accordingly.

### 7.3.2 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 the latter.

# 8. Obsolete and abolished tariffs

## 8.1 Obsolete tariffs

There are public lighting tariffs that TasNetworks has classified as obsolete. Obsolete public lighting tariffs are no longer available to new customers. Existing customers may remain on an obsolete tariff providing no alteration is made to the fitting and the fitting doesn't require 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 different luminaire type. The 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 to that type of 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) |
|---|---|---|
| **100W Incandescent** | Obsolete | LED 75 New Tech |
| **100W Metal Halide** | Obsolete | LED 75 New Tech |
| **100W Sodium Vapour** | Obsolete | LED 75 New Tech |
| **125W Mercury Vapour** | Obsolete | LED 75 New Tech |
| **150W Metal Halide** | Obsolete | LED 75 New Tech |
| **150W Sodium Vapour** | Obsolete | LED 75 New Tech |
| **250W Mercury Vapour** | Obsolete | LED 75 New Tech |
| **250W Metal Halide** | Obsolete | LED 75 New Tech |
| **250W Metal Halide – flood light** | Obsolete | LED 75 New Tech |
| **250W Sodium Vapour** | Obsolete | LED 75 New Tech |
| **250W Sodium Vapour – flood light** | Obsolete | LED 75 New Tech |
| **400W Mercury Vapour** | Obsolete | LED 75 New Tech |
| **400W Metal Halide** | Obsolete | LED 75 New Tech |
| **400W Metal Halide – flood light** | Obsolete | LED 75 New Tech |
| **400W Sodium Vapour** | Obsolete | LED 75 New Tech |

| Luminaire (existing) | Category | Luminaire (new) |
|---|---|---|
| 400W Sodium Vapour – flood light | Obsolete | LED 75 New Tech |
| 50W Mercury Vapour | Obsolete | LED 14 New Tech |
| 60W Incandescent | Obsolete | LED 14 New Tech |
| 70W Sodium Vapour | Obsolete | LED 14 New Tech |
| 80W Mercury Vapour | Obsolete | LED 14 New Tech |
| 80W Mercury Vapour - decorative | Obsolete | LED 14 New Tech |
| 1x20W Fluorescent | Obsolete | LED 14 New Tech |
| 1x40W Fluorescent | Obsolete | LED 14 New Tech |
| 2x20W Fluorescent | Obsolete | LED 14 New Tech |
| 2x24W Fluorescent | Obsolete | LED 14 New Tech |
| 2x40W Fluorescent | Obsolete | LED 14 New Tech |
| 4x40W Fluorescent | Obsolete | LED 14 New Tech |
| 42W Compact Fluorescent | Obsolete | LED 14 New Tech |
| 42W Compact Fluorescent bottom pole entry | Obsolete | LED 14 New Tech |
| 50W Mercury Vapour | Obsolete | LED 14 New Tech |
| 60W Incandescent | Obsolete | LED 14 New Tech |
| 70W Sodium Vapour | Obsolete | LED 14 New Tech |
| 80W Mercury Vapour | Obsolete | LED 14 New Tech |
| 80W Mercury Vapour – decorative | Obsolete | LED 14 New Tech |

## 8.2 Abolished tariffs

There are public lighting tariffs that TasNetworks has abolished. Abolished public lighting tariffs are no longer available to any customer, new or existing. Fittings supplied under an abolished tariff will be replaced in accordance with Table 2.

**Table 2: Abolished fittings**

| Luminaire (existing) | Category | Luminaire (new) |
|---|---|---|
| **2x24W compact fluorescent** | Abolished | LED 14 New Tech |
| **3x40W fluorescent** | Abolished | LED 14 New Tech |
| **32W compact fluorescent** | Abolished | LED 14 New Tech |
| **4x20 fluorescent** | Abolished | LED 14 New Tech |
| **70W metal halide** | Abolished | LED 14 New Tech |
| **88 LED light** | Abolished | LED 14 New Tech |
| **T5 fluorescent 2x24W** | Abolished | LED 14 New Tech |
| **LED 150** | Abolished | LED 75 New Tech |

# 9. 2026-27 charges

The daily charges for the provision of major fittings for the period 1 July 2025 to 30 June 2026 are presented below.

## 9.1 Public lighting

### 9.1.1 Major fittings

| Fitting type | Tariff (cents/day) | Annual charge ($) |
|---|---|---|
| LED 155 | 32.83 | 119.83 |
| LED 175 | 43.33 | 158.15 |
| LED 200 | 48.03 | 175.31 |
| LED 240 | 48.03 | 175.31 |
| LED 265 | 44.34 | 161.84 |
| LED 75 | 42.93 | 156.69 |
| LED 75 New Tech[6] | 42.93 | 156.69 |
| 125W Mercury Vapour† | 39.45 | 143.99 |
| 250W Mercury Vapour† | 39.74 | 145.05 |
| 400W Mercury Vapour† | 43.27 | 157.94 |
| 100W Sodium Vapour† | 41.46 | 151.33 |
| 150W Sodium Vapour† | 41.65 | 152.02 |
| 250W Sodium Vapour† | 43.00 | 156.95 |
| 400W Sodium Vapour† | 43.76 | 159.72 |
| 250W Sodium Vapour - Flood Light† | 44.62 | 162.86 |
| 400W Sodium Vapour - Flood Light† | 43.76 | 159.72 |
| 100W Incandescent† | 41.02 | 149.72 |

[6] **LED 75 new tech** applies to new major light categories (typically above 75W) that are not separately listed in this guide.



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| Fitting type | Tariff (cents/day) | Annual charge ($) |
|---|---|---|
| 100W Metal Halide† | 40.69 | 148.52 |
| 150W Metal Halide† | 43.73 | 159.61 |
| 250W Metal Halide† | 42.82 | 156.29 |
| 400W Metal Halide† | 51.07 | 186.41 |
| 400W Metal Halide - Flood Light† | 43.42 | 158.48 |

† Fitting type is obsolete

### 9.1.2 Minor fittings

| Fitting type | Tariff (cents/day) | Annual charge ($) |
|---|---|---|
| LED 14 | 33.31 | 121.58 |
| LED 14 New Tech[7] | 33.98 | 124.03 |
| LED 17 | 39.47 | 144.07 |
| LED 18 | 34.41 | 125.60 |
| LED 20 | 48.87 | 178.38 |
| LED 25 | 45.29 | 165.31 |
| LED 30 | 34.49 | 125.89 |
| 50W Mercury Vapour† | 36.45 | 133.04 |
| 80W Mercury Vapour† | 36.43 | 132.97 |
| 70W Sodium Vapour† | 37.39 | 136.47 |
| 1x20W Fluorescent† | 38.47 | 140.42 |
| 1x40W Fluorescent† | 38.47 | 140.42 |
| 2x20W Fluorescent† | 38.47 | 140.42 |

[7] **LED 14 new tech** applied to new minor light categories (typically above 14W and below 75W) that are not separately listed in this guide.

| Fitting type | Tariff (cents/day) | Annual charge ($) |
|---|---|---|
| 2x24W Fluorescent† | 38.47 | 140.42 |
| 2x40W Fluorescent† | 38.47 | 140.42 |
| 4x40W Fluorescent† | 38.47 | 140.42 |
| 32W Compact Fluorescent§ | 38.47 | 140.42 |
| 42W Compact Fluorescent† | 38.47 | 140.42 |
| 60W Incandescent† | 37.39 | 136.47 |

† Fitting type is obsolete

§ Fitting type is abolished

## 9.2 Contract lighting

| Fitting type | Tariff (cents/day) | Annual charge ($) |
|---|---|---|
| LED 14 | 10.57 | 38.58 |
| LED 14 New Tech[8] | 10.57 | 38.58 |
| LED 17 | 10.57 | 38.58 |
| LED 18 | 10.57 | 38.58 |
| LED 20 | 10.57 | 38.58 |
| LED 25 | 10.57 | 38.58 |
| LED 30 | 10.57 | 38.58 |
| LED 75 | 11.03 | 40.26 |
| LED 75 New Tech[9] | 11.03 | 40.26 |
| LED 155 | 11.45 | 41.79 |
| LED 175 | 11.45 | 41.79 |

[8] **LED 14 new tech** applied to new minor light categories (typically above 14W and below 75W) that are not separately listed in this guide.

[9] **LED 75 new tech** applies to new major light categories (typically above 75W) that are not separately listed in this guide.

| Fitting type | Tariff (cents/day) | Annual charge ($) |
|---|---|---|
| LED 200 | 11.45 | 41.79 |
| LED 240 | 11.45 | 41.79 |
| LED 265 | 11.45 | 41.79 |
| 50W Mercury Vapour† | 15.45 | 56.39 |
| 80W Mercury Vapour† | 15.44 | 56.36 |
| 125W Mercury Vapour† | 18.07 | 65.96 |
| 250W Mercury Vapour† | 18.37 | 67.05 |
| 400W Mercury Vapour† | 19.26 | 70.30 |
| 70W Sodium Vapour† | 16.44 | 60.01 |
| 100W Sodium Vapour† | 19.65 | 71.72 |
| 150W Sodium Vapour† | 18.91 | 69.02 |
| 250W Sodium Vapour† | 19.65 | 71.72 |
| 400W Sodium Vapour† | 19.93 | 72.74 |
| 250W Sodium Vapour - Flood Light† | 20.16 | 73.58 |
| 400W Sodium Vapour - Flood Light† | 19.93 | 72.74 |
| 1x20W Fluorescent† | 15.74 | 57.45 |
| 1x40W Fluorescent† | 15.74 | 57.45 |
| 2x20W Fluorescent† | 15.74 | 57.45 |
| 2x24W Fluorescent† | 15.74 | 57.45 |
| 2x40W Fluorescent† | 15.74 | 57.45 |
| 4x40W Fluorescent† | 15.74 | 57.45 |
| 32W Compact Fluorescent§ | 15.74 | 57.45 |
| 42W Compact Fluorescent† | 15.74 | 57.45 |
| 60W Incandescent† | 16.44 | 60.01 |



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| Fitting type | Tariff (cents/day) | Annual charge ($) |
|---|---|---|
| 100W Incandescent† | 19.67 | 71.80 |
| 100W Metal Halide† | 19.28 | 70.37 |
| 150W Metal Halide† | 21.09 | 76.98 |
| 250W Metal Halide† | 20.23 | 73.84 |
| 400W Metal Halide† | 19.74 | 72.05 |
| 400W Metal Halide - Flood Light† | 19.74 | 72.05 |

† Fitting type is obsolete

§ Fitting type is abolished



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# 10. Glossary

| Term/Acronym | Description |
|---|---|
| **Abolished tariff** | Public 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 Decision, TasNetworks distribution determination, 2019-20 to 2023-24, April 2019 (see https://www.aer.gov.au/networks-pipelines/determinations-access-arrangements/tasnetworks-determination-2019-24/final-decision). |
| **Distribution network** | As defined in the Electricity Supply Industry Act 1995 (Tas). |
| **Distributor** | As defined in the Electricity Supply Industry Act 1995 (Tas). |
| **Energy Ombudsman** | As defined in the Energy Ombudsman Act 1998 (Tas). |
| **Fitting** | See Luminaire. |
| **Lamp** | The replaceable component within a luminaire that produces light. |
| **Luminaire** | A complete electric lighting unit. |
| **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** | Public 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. |
| **Road lighting authority** | Municipal Councils or the Department of State Growth. |
| **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. |




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