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Table of contents

| | |
|--|-----------|
| 1.0 ABOUT THIS TARIFF STRUCTURE STATEMENT..... | 4 |
| Executive Summary..... | 5 |
| Introduction..... | 6 |
| Structure of this Pricing Proposal..... | 7 |
| 2.0 TARIFF CLASSES AND ASSIGNMENT POLICIES | 9 |
| Tariff classes | 10 |
| Allocation of customers to tariff classes..... | 12 |
| 3.0 STRUCTURE AND CHARGING PARAMETERS..... | 14 |
| Tariff structures and assignment..... | 15 |
| Proposed charging parameters | 20 |
| 4.0 APPROACH TO SETTING TARIFFS..... | 29 |
| Tariff Setting Methodology | 30 |
| Tariff relativity constraints in the small low voltage tariff class..... | 31 |
| Revenue is between stand-alone and avoidable cost for each tariff class..... | 31 |
| Estimating long-run marginal cost..... | 32 |
| Tariffs reflect the efficient costs of providing the services | 33 |
| Tariffs mitigate impact on customers..... | 34 |
| 5.0 PROPOSED NUOS TARIFFS | 35 |
| Comparison to Indicative Pricing Schedule | 36 |
| Changes from the previous regulatory year..... | 36 |
| Changes within the regulatory year..... | 37 |
| Low Voltage Energy Tariff Class | 37 |
| Low Voltage Demand Tariff Class..... | 43 |
| High Voltage Demand Tariff Class..... | 44 |
| Subtransmission Voltage Demand Tariff Class..... | 45 |
| Unmetered Supply Tariff Class | 46 |
| 6.0 CONSUMER IMPACTS..... | 47 |
| Low Voltage Energy Tariff Class..... | 49 |
| Low Voltage Demand Tariff Class..... | 51 |
| High Voltage Demand Tariff Class..... | 52 |
| Subtransmission Voltage Demand Tariff Class..... | 52 |
| Unmetered Supply Tariff Class | 53 |
| Customer Reassignment..... | 54 |
| 7.0 REGULATORY REQUIREMENTS..... | 56 |
| Distribution Pricing..... | 57 |
| Transmission Cost Recovery | 62 |
| Climate Change Fund..... | 64 |
| APPENDIX 1: GLOSSARY | 65 |
| APPENDIX 2: COMPLIANCE CHECKLIST..... | 67 |
| APPENDIX 3: PROPOSED NETWORK TARIFFS..... | 71 |
| APPENDIX 4: PROPOSED ACS FEES & CHARGES..... | 79 |



About this Pricing Proposal

CHAPTER 1





Executive Summary

Endeavour Energy's network use of system (NUOS) tariffs represent the aggregation of distribution use of system (DUOS) tariffs, climate change fund (CCF) recovery tariffs and transmission cost recovery (TCR) tariffs:

- DUOS tariffs recover the cost of operating and maintaining Endeavour Energy's distribution network and represent the costs within Endeavour Energy's control;
- TCR tariffs recover the transmission costs Endeavour Energy is charged for the use of TransGrid's transmission network. These costs are outside of Endeavour Energy's control; and
- CCF tariffs recover Endeavour Energy's contribution to the NSW Government's Climate Change Fund Levy. These costs are outside of Endeavour Energy's control.

The table below illustrates the contribution of each these tariffs to the overall network tariff change effective 1 July 2022:

Table ES.1: Contributing to total weighted average network price change

| Contribution to total weighted average network tariff change | % |
|--|------|
| Distribution (DUOS) | 1.8% |
| Transmission (TCR) | 0.2% |
| Climate Change Fund (CCF) | 0.1% |
| Weighted Average NUOS Tariff Change (% Real) | 2.1% |
| CPI Inflation | 3.5% |
| Weighted Average NUOS Tariff Change (% Nominal) | 5.7% |

Effective 1 July 2022, Endeavour Energy's network tariffs will increase by 5.7% on average. This is 2.1% above the rate of CPI inflation.

For an average residential customer consuming 5 MWh per annum this equates to a \$27 increase in annual NUOS bill. Endeavour Energy's portion of the annual network bill (DUOS) will increase by \$25 and the TCR and CCF portions of the network bill will combine for an increase of \$2.

For an average small business customer consuming 23 MWh per annum this equates to a \$107 increase in annual NUOS bill. Endeavour Energy's portion of the annual network bill (DUOS) will increase by \$85 and the TCR and CCF portions of the network bill will combine for an increase of \$22

Residential and small business customers with digital meters can, via an application from their retailer, opt-in to one of our cost-reflective tariffs to further reduce their network bill. Under our cost reflective tariffs, we expect our median residential and small business customer to reduce their annual network bill by 4% and 7%; respectively.

Inclusive of this FY23 pricing proposal, our customers have experienced a real reduction in average price of 7% and 33% over the past five and ten years; respectively. This has provided a pathway for us to reform and improve our network tariff structures without significant adjustment costs for our customers.

Introduction

Endeavour Energy is submitting this FY23 Pricing Proposal (Proposal) to the Australian Energy Regulator (AER) in accordance with the requirements of Part I, section 6.18 of the National Electricity Rules (the Rules).

Classification of distribution services

Distribution services to be provided by the Distribution Network Service Provider (DNSP) are divided into the following two classes:

- Direct control services; or
- Negotiated distribution services.

Direct control services are further divided into the following two subclasses:

- Standard control services; and
- Alternative control services.

The AER has classified the following categories of direct control services as alternative control services:

- Ancillary network services
- Metering
- Public lighting
- Security lights (Nightwatch)

This pricing proposal is relevant to those services provided by Endeavour Energy that are classified as direct control services.

Structure of this Pricing Proposal

Chapters

Table 1.1: Chapters in this Pricing Proposal

| Chapter | Title | Purpose |
|---------|--|---|
| 2 | Tariff classes and assignment policies | This section sets out our proposed tariff classes and the procedures that apply for the allocation of our customers to different tariff classes. |
| 3 | Structure and charging parameters | The structure and charging parameters for our tariffs are set out in this section in addition to the policies and procedures for assigning retail customers to tariffs. |
| 4 | Approach to setting tariffs | This section describes our approach to setting tariffs, which includes calculating avoided and stand alone cost, estimating LRMC, and other associated issues related to setting tariffs. |
| 5 | Proposed NUOS tariffs | Describes the nature and extent of the change in Endeavour Energy's NUOS tariffs between FY22 and FY23. |
| 6 | Consumer impacts | Outlines the expected customer impacts of this pricing proposal. |
| 7 | Regulatory requirements | Demonstrates that Endeavour Energy's pricing proposal complies the regulatory requirements as they relate to this pricing proposal. |

Appendices

Table 1.2: Appendices in this Pricing Proposal

| Appendices | Title | Purpose |
|------------|-----------------------------|--|
| A1 | Glossary | This provides a definition for some key terms used throughout this Pricing Proposal. |
| A2 | Compliance checklist | This section sets out a checklist that identifies whether this Pricing Proposal meets the requirements in the Rules. |
| A3 | Proposed network tariffs | This section sets out our proposed NUOS, DUOS, TCR and CCF charges for the year. |
| A4 | Proposed ACS fees & charges | This section sets out our proposed Ancillary Network Service, Metering and Public Lighting charges for the year. |

Attachments

Table 1.3: Attachments to this Pricing Proposal

| Attachments | Compliance Models |
|-------------|---|
| A | CONFIDENTIAL – 2022-23 Annual SCS Pricing Model |
| B | CONFIDENTIAL – TSS Principles Model |
| C | Small LV Tariff Relativity Model |
| D | 2022-23 Annual ACS Pricing Model |

Confidentiality

Clause 6.19.2(a) of the Rules provides that:

“all information about a Service Applicant or Distribution Network User used by Distribution Network Service Providers for the purposes of distribution service pricing is confidential information.”

The following appendices and attachments to this Pricing Proposal contain sensitive confidential information specific to the individual distribution network users. As such, Endeavour Energy requests that the AER does not disclose the information contained in these attachments to any person except as permitted by the Law and Rules.

Attachments:

- Confidential Attachment A – 2022-23 Annual Pricing Model (SCS).
- Confidential Attachment B – TSS Principles Model.



Tariff classes and assignment policies

CHAPTER 2



This section sets out the tariff classes into which retail customers for direct control services will be divided, and the policies and procedures we will apply for assigning retail customers to tariff classes.¹

Tariff classes

Our tariff classes for retail customers for direct control services are set on the basis of:²

- the nature of the customers' connection to the network, ie, whether they are high or low voltage customers or whether they are metered or unmetered
- the nature and extent of customers' usage, ie, above or below a specified level of consumption per annum.

A summary of our network tariff classes for direct control services is set out in the table below. All of our direct control customers will be assigned to a tariff class for one or more of these services.³

Table 2.1: Endeavour Energy Network Tariff Classes

| Tariff Class | Customer Type | Connection Characteristics |
|-----------------------------------|---|--|
| Small Low Voltage | Residential and small to medium enterprise businesses | LV Connection (230/400 V) Total electricity consumption, per financial year, is less than 160MWh |
| Large Low Voltage | Larger commercial and light industrial | LV Connection (230/400 V) Total electricity consumption, per financial year, is greater than 160MWh |
| High Voltage Demand | Industrial | HV Connection (12.7 kV SWER, 11 or 22 kV) |
| Subtransmission Demand | Industrial | ST Connection (33, 66 or 132 kV) |
| Inter-Distributor Transfer Demand | Distributors | Distributor Transfer |
| Unmetered Supply | Unmetered | Unmetered |

¹ Clause 6.18.1A(a)(1) and 6.18.1A(a)(2) of the Rules.

² As required under the Rules, Clause 6.18.4(a)(1).

³ As required under the Rules, Clause 6.18.3(b) and (c).

In addition to our standard control services, Endeavour Energy provides customer specific or customer requested services and so the full cost of the service is attributed to that particular customer. These are referred to as alternative control services. One of the defining characteristics of these services is that the AER determines the price for the service or the unit rates used in quoting for a service.

The AER has classified the following categories of direct control services as alternative control services:

- ancillary network services
- metering
- public lighting.

Endeavour Energy proposes that customers that use these categories of service form our alternative control service tariff classes. A summary is set out in the table below:

Table 2.2: Endeavour Energy Alternative Control Tariff Classes

| Tariff Class | Customer Type | Service Characteristics |
|------------------------------|--|--|
| Ancillary Network Services | Retailers and ASPs on behalf of customers | <ul style="list-style-type: none"> • Would include authorisations, inspections, permits, site establishment, connections/disconnections and conveyancing information. • Service is initiated only at customer request. |
| Metering | Low voltage customers consuming less than 160MW p.a. | <ul style="list-style-type: none"> • Provision of Type 5 and Type 6 metering assets. • Meter reading services for Type 5 and 6 metering assets. • Retirement of Type 5 and 6 metering assets. |
| Public Lighting | Public space illuminators (generally local councils) | <ul style="list-style-type: none"> • Provision of public lighting infrastructure. • Maintenance of public lighting infrastructure. • Retirement of public lighting infrastructure. |
| Security Lights (Nightwatch) | Customer requested flood lighting services | <ul style="list-style-type: none"> • Provision of lighting infrastructure. • Maintenance of lighting infrastructure. • Supply of energy for lighting service. |



Allocation of customers to tariff classes

The process under which new customers are assigned to network tariff classes and network tariffs occurs following the receipt of a connection application by the customer or their retailer. Under our process, a customer that lodges an application to modify or upgrade an existing network connection from single to three-phase or upgrades their connection to a bi-directional flow is treated identically to a new customer.

These procedures are set out below.

Assignment of existing customers to tariff classes at the commencement of the next regulatory control period

1. Each customer who was a customer of Endeavour Energy immediately prior to 1 July 2019, and who continues to be a customer of Endeavour Energy as at 1 July 2019, will be taken to be “assigned” to the tariff class which Endeavour Energy was charging that customer immediately prior to 1 July 2019.

Assignment of new customers to a tariff class during the next regulatory control period

2. If, after 1 July 2019, Endeavour Energy becomes aware that a person will become a customer of Endeavour Energy, then Endeavour Energy will determine the tariff class to which the new customer will be assigned.
3. In determining the tariff class to which a customer or potential customer will be assigned, or reassigned, in accordance with paragraph 2 or 5, Endeavour Energy will take into account one or more of the following factors:
 - a) the nature and extent of the customer's usage;
 - b) the nature of the customer's connection to the network; and
 - c) whether remotely-read interval metering or other similar metering technology has been installed at the customer's premises as a result of a regulatory obligation or requirement.
4. In addition to the requirements under paragraph 3, Endeavour Energy, when assigning or reassigning a customer to a tariff class, will ensure the following:
 - a) that customers with similar connection and usage profiles are treated equally;
 - b) that customers which have micro-generation facilities are not treated less favourably than customers with similar load profiles without such facilities; and
 - c) the national pricing objective and the distribution pricing principles which direct that tariffs charged by a distributor for direct control services should reflect the distributor's efficient costs of providing these services to the customer.

Reassignment of existing customers to another existing or a new tariff during the next regulatory control period

5. If Endeavour Energy believes that an existing customer's load characteristics or connection characteristics (or both) are no longer appropriate for that customer to be assigned to the tariff class to which the customer is currently assigned or a customer no longer has the same or materially similar load or connection characteristics as other customers on the customer's existing tariff, then Endeavour Energy may reassign that customer to another tariff class.

Notification of proposed assignments and reassignments

6. Endeavour Energy will notify the customer's retailer in writing of the tariff class to which the customer has been assigned or reassigned, prior to the assignment or reassignment occurring.

7. A notice under paragraph 6 above must include advice informing the customer's retailer that they may request further information from Endeavour Energy and that the customer's retailer may object to the proposed reassignment. This notice must specifically include reference to Endeavour Energy's published procedures for customer complaints, appeals and resolution.
8. If the objection is not resolved to the satisfaction of the customer's retailer under the Endeavour Energy's internal review system or EWON, then the retail customer is entitled to seek a decision of the AER via the dispute resolution process available under Part 10 of the NEL.
9. If, in response to a notice issued in accordance with paragraph 7 above, Endeavour Energy receives a request for further information from a customer's retailer, then it must provide such information within a reasonable timeframe. If Endeavour Energy reasonably claims confidentiality over any of the information requested by the customer's retailer, then it is not required to provide that information to the retailer or retail customer. If the customer's retailer disagrees with such confidentiality claims, it may have resort to the dispute resolution procedures referred to in paragraph 7 above (as modified for a confidentiality dispute).
10. If, in response to a notice issued in accordance with paragraph 7 above, a customer's retailer makes an objection to Endeavour Energy about the proposed assignment or reassignment, Endeavour Energy must reconsider the proposed assignment or reassignment. In doing so Endeavour Energy must take into consideration the factors in paragraphs 3 and 4 above, and notify the customer's retailer in writing of its decision and the reasons for that decision.
11. If a customer's retailer objection to a tariff class assignment or reassignment is upheld, in accordance with Endeavour Energy's published procedures for customer complaints, appeals and resolution then any adjustment which needs to be made to tariffs will be done by Endeavour Energy as part of the next annual review of prices.

System of assessment and review of the basis on which a customer is charged

12. Where the charging parameters for a particular tariff result in a basis of charge that varies according to the customer's usage or load profile, Endeavour Energy will set out in its pricing proposal a method of how it will review and assess the basis on which a customer is charged.



Structure and charging parameters

CHAPTER 3





This section sets out the structure of our tariffs and how customers are assigned to them, in addition to the charging parameters for each of our tariffs.

Tariff structures and assignment

A summary of the type of tariffs offered for customers in each of our tariff classes and a description of the customers that are eligible for each is set out below.⁴

An indicative pricing schedule for each of our tariff classes, setting out the parameters of each of our tariffs over the regulatory period is set out in Appendix 3.

Small low voltage tariff class

The tariff structures available for residential customers in the small low voltage tariff class are:

- a flat energy tariff with a fixed charge for residential consumers;
- a transitional demand tariff, which has a seasonal demand based charge, a flat energy consumption charge and a fixed charge;
- a demand tariff, which has a seasonal demand based charge, a flat energy consumption charge and a fixed charge; and
- a seasonal time of use energy tariff, which has seasonal time of use energy consumption charges and a fixed charge.
- An obsolete time of use energy tariff that has time of use energy consumption charges (under our existing, obsolete charging windows) and a fixed charge. This tariff is closed to new entrants. Customers on this tariff will be reassigned to the default demand cost-reflective tariff as a priority or the STOU if the bill impacts do not allow. This transition is expected to occur by year three of the regulatory control period.

The tariff structures available for non-residential customers in the small low voltage tariff class are:

- an IBT with a fixed charge for small to medium commercial customers;
- a transitional demand tariff, which has a seasonal demand based charge, a flat energy consumption charge and a fixed charge; and
- a demand tariff, which has a seasonal demand based charge, a flat energy consumption charge and a fixed charge.
- a seasonal time of use energy tariff, which has seasonal time of use energy consumption charges and a fixed charge.
- An obsolete time of use energy tariff that has time of use energy consumption charges (under our existing, obsolete charging windows) and a fixed charge. This tariff is closed to new entrants. Customers on this tariff will be reassigned to the default demand cost-reflective tariff as a priority or the STOU if the bill impacts do not allow. This transition is expected to occur by year three of the regulatory control period.

We will continue to offer our optional controlled load tariffs – these tariffs apply to any customer that has a residential or general supply tariff – the electricity load is separately metered and controlled at a connection point.

Our tariff assignment policy aims to place our customers on the most appropriate tariff. From 1 July 2019:

- new customers (all of whom will have smart interval meters under competitive metering) will be assigned to the default transitional demand tariff, with the option to opt-out to the alternate cost reflective tariffs or the flat energy tariff;

⁴ During the TSS period, Endeavour Energy may need to introduce new tariff codes for billing purposes. Any new tariff codes introduced will comply with the tariff structures outlined in this document for each tariff class and the price level for NUOS services will equate to the tariff type under which the new tariff code has been created.

- existing customers that have their meter upgraded to a smart interval meter post 1 July 2019 will be assigned to the default transitional demand tariff, with the option to opt-out to the alternate cost reflective tariffs or the flat energy tariff; and
- existing customers with interval meters will remain on their existing tariff (i.e., a flat tariff or IBT as appropriate), with the option to opt-in to the transitional demand tariff, demand tariff or STOU tariff.

Large low voltage tariff class

The tariff structures available within the large low voltage tariff class are:

- a demand tariff, which has a seasonal demand based charge, seasonal time of use energy consumption charges and a fixed charge; and
- a transitional energy tariff with seasonal time of use energy consumption charges and a fixed charge.

The demand tariff is the default tariff for customers that consume more than 160MWh per annum.

The transitional large LV demand tariff is a mandated transitional tariff for customers whose annual consumption requires a demand based tariff, but who cannot be directly transferred to the default demand tariff due to a lack of metering capable of supporting this tariff or where the expected bill impact of a direct transition to the demand tariff is deemed excessive. The transition tariff is not available on customer or retailer request.

High voltage demand tariff class

The tariff structures available within the High Voltage (HV) Demand tariff class are:

- a HV demand tariff, which has a seasonal demand based charge, seasonal time of use energy consumption charges and a fixed charge; and
- an individually calculated HV demand tariff with the same structure as the HV demand tariff.

Our HV demand tariff is the default tariff for customers where electricity is supplied at a voltage level defined as high voltage.

Our individually calculated HV demand tariff is a customer specific tariff applied where the customer's:

- electricity consumption has been equal to or greater than 100 GWh in total for the 36 months preceding the application; or
- electricity consumption has been equal to or greater than 40 GWh per annum in each of the two financial years preceding the application; or
- monthly peak demand has been equal to or greater than 10 MVA for 24 of the 36 months preceding the application.

Subtransmission demand tariff class

The tariff structures available within the subtransmission demand tariff class are:

- a ST demand tariff, which has a seasonal demand based charge, seasonal time of use energy consumption charges and a fixed charge; and
- an individually calculated ST demand tariff with the same structure as the ST demand tariff.

Our ST demand tariff is the default tariff for customers where electricity is supplied at a voltage level defined as subtransmission voltage.

Our individually calculated ST demand tariff is a customer specific tariff applied where the customers:

- electricity consumption has been equal to or greater than 100 GWh in total for the 36 months preceding the application; or
- electricity consumption has been equal to or greater than 40 GWh per annum in each of the two financial years preceding the application; or

- monthly peak demand has been equal to or greater than 10 MVA for 24 of the 36 months preceding the application.

Inter-distributor transfer demand tariff class

We offer one network tariff type within the inter-distributor tariff class, being the inter-distributor demand tariff. This tariff is a mandated, distributor specific demand tariff for electricity transferred through the Endeavour Energy network on behalf of Ausgrid and Essential Energy.

Unmetered supply

We offer one network tariff type within the Unmetered Supply tariff class, being an unmetered energy tariff.

We offer four unmetered energy tariffs for the specific purpose of:

- unmetered energy (the default tariff for customers in this tariff class);
- streetlighting connection points;
- traffic control signal lights connection points; and
- nightwatch connection points.

Alternative control services

Ancillary network services

Ancillary service prices are provided to customers as either of the following:

- **Fee based services:** the work involved in some ancillary service activities are relatively fixed and are charged on a per activity basis. Fees are derived from the relevant labour rates and average time required to perform the task and are charged irrespective of the actual time taken to complete the activity; and
- **Quoted services:** costs for some ancillary service activities may vary considerably between jobs. This is often the case for one-off activities that are specific to a particular customer's request. For quoted services, charges are levied on a time and materials basis. Prior to commencing work, customers are informed of the per hour cost with the final total charge payable dependent on the time taken to complete the respective activity.

Ancillary network services for the 2019-24 regulatory period are calculated consistent with the form of control in the AER's final decision, i.e.:

- a schedule of fixed prices for ancillary network services for the first year of the regulatory period; and
- a price path for the remaining years of the regulatory control period, based on the CPI-X methodology.

Our proposed charges for our FY23 ancillary network services and an indicative price schedule for the remainder of the 2019-24 regulatory control period are set out in Attachment D.

Metering

We have split metering services between primary and secondary categories. The latter are metering services that are in addition to the basic network service most customers receive, such as off-peak hot water or solar PV meter services. These additional services result in only marginally higher overall costs and therefore attract a lower incremental charge.

This means that a customer will pay a greater amount for their first metering service as this creates the majority of costs we incur as their meter provider. This approach also ensures that customers who have more metering services than a basic accumulation service will pay more to reflect the additional services being provided. We consider this balances the need for cost reflectivity and fairness. Our approach involves the following:

- **Existing metering assets:** we will seek to recover the existing capital costs for Type 5 and 6 meters during the course of the 2019-24 period. The collection of existing meter costs will be on a per-customer basis to avoid penalising customers for past decisions; and
- **Opex:** ongoing costs such as maintenance, meter reading, meter testing and data services will be recovered via a cents per day charge. The prices for ongoing opex have been developed on a per-service basis. This means that each unique data stream will attract a price. For example, a basic metering charge and an off-peak metering charge equates to two data streams and two services.

Metering service charges for the 2019-24 regulatory period are calculated consistent with the form of control in the AER's final decision, i.e.:

- a schedule of fixed prices for metering services for the first year of the regulatory period; and
- a price path for the remaining years of the regulatory control period, based on the CPI-X methodology.

Our proposed charges for our FY23 metering service charges and an indicative price schedule for the remainder of the 2019-24 regulatory control period are set out in Attachment D.

Public lighting

We propose to continue applying the current tariff structures and component based pricing over the next regulatory period, based on supportive feedback provided by councils in our network area on the current structures. The tariff classes are broken down into two key subgroups, tariffs for assets installed before 8 August 2009 and those after this date:⁵

- **Tariff class 1:** is an aggregate capital recovery and maintenance tariff. This applies where the asset was initially funded by us and was included as part of the RAB determined by IPART prior to 8 August 2009. Capital cost recovery built into this tariff class will trend in line with the residual RAB value reducing over time and historical price escalation constraints. Assets priced under tariff class 1 may sometimes also be referred to as legacy assets. No new public lighting installations are covered by this tariff class;
- **Tariff class 2:** is a maintenance cost recovery only tariff. This applies to assets where we did not fund the initial construction which occurred prior to 8 August 2009. As we did not fund the construction we are not entitled to any capital recovery charges for these assets. Similarly with tariff class 1, assets priced under tariff class 2 may sometimes also be referred to as legacy assets. No new public lighting installations are covered by this tariff class;
- **Tariff class 3:** is an aggregate capital recovery and maintenance tariff similar to tariff class 1, however this tariff class is priced using an annuity approach and only applies to assets installed after 8 August 2009. Unlike tariff class 1 there is no RAB value driving variable prices over time and is specific to the asset installed;
- **Tariff class 4:** is a two part tariff; the first element is a maintenance cost recovery only charge similar to tariff class 2. This applies to assets where we did not fund their initial construction which occurred after 8 August 2009. As we did not fund the construction we are not entitled to any capital recovery charges for these assets. However, we are required to pay income tax on assets gifted to us in this manner. The second element of tariff class 4 is a tax cost recovery charge that is paid through an annual amount over the life of an asset that is gifted to us by our customers after 8 August 2009; and
- **Tariff class 5:** is a pure capital recovery tariff that is paid in a lump sum at the time of agreeing to replace an asset before the end of its useful life. This tariff class does not have specified prices but rather a specified formula for calculating the residual unrecovered capital and tax costs when a customer requests an early replacement of assets paid for by us.

Public lighting charges for the 2019-24 regulatory period are calculated consistent with the form of control in the AER's final decision, i.e.:

- a schedule of fixed prices for metering services for the first year of the regulatory period; and

⁵ Even though the AER cut-off date for switchover of charges from legacy rates to annuity rates was 1 July 2009, on demand from its Public Lighting Customers and ASPs, Endeavour Energy agreed to a date of 8 August 2009 to cater for completion of projects that were already under way and to give time for Public Lighting Customers and ASPs to understand the new rates.



- a price path for the remaining years of the regulatory control period, based on the CPI-X methodology.

Our proposed charges for our FY23 public lighting charges and an indicative price schedule for the remainder of the 2019-24 regulatory control period are set out in Attachment D.

Security lights (Nightwatch)

For the purposes of transitioning this service to regulation by the AER we have proposed a forward-looking pricing methodology for security lights similar to that of public lighting tariff 3. Customers are required to pay a one-off installation cost and a monthly rental charge. These charges will vary depending on the type of lighting service requested and length of the contractual period. The ongoing charge will cover the costs of operating, maintaining and replacing the assets as required.

Security light charges for the 2019-24 regulatory period are calculated consistent with the form of control in the AER's final decision, i.e.:

- a schedule of fixed prices for metering services for the first year of the regulatory period; and
- a price path for the remaining years of the regulatory control period, based on the CPI-X methodology.

Our proposed charges for our FY23 security light charges and an indicative price schedule for the remainder of the 2019-24 regulatory control period are set out in Attachment D.



Proposed charging parameters

Small low voltage tariff class

The charging parameters for the proposed tariffs for our low voltage customers in this tariff class are set out in the table below.

Table 3.1 - Charging parameters for the small low voltage tariff class

| Tariff type | Components | Measurement | Charging parameter |
|---------------------------------|-------------------------|-------------|---|
| Residential Flat Tariff | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Energy | c/kWh | Charge applied to all energy consumption. |
| Residential Transitional Demand | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Energy | c/kWh | Charge applied to all energy consumption. |
| | High-season Demand | c/kW/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Demand | c/kW/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| Residential Demand | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Energy | c/kWh | Charge applied to all energy consumption. |
| | High-season Demand | c/kW/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Demand | c/kW/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| Residential STOU | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | High-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |



| Tariff type | Components | Measurement | Charging parameter |
|---|------------------------|-------------|--|
| | Low-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| | Off Peak Energy | c/kWh | Charge applied to energy consumed at all other times. |
| Obsolete Residential TOU (closed to new entrants) | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Peak Energy | c/kWh | Charge applied to energy consumed between 13:00 and 20:00 on business days. |
| | Shoulder Energy | c/kWh | Charge applied to energy consumed between 07:00 to 13:00 and 20:00 to 22:00 on business days |
| | Off Peak Energy | c/kWh | Charge applied to energy consumed at all other times. |
| General Supply Block Tariff | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Energy Block 1 | c/kWh | Charge applied to energy consumption up to and including 120 MWh per annum. |
| | Energy Block 2 | c/kWh | Charge applied to energy consumption above 120 MWh per annum. |
| General Supply Transitional Demand | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Energy | c/kWh | Charge applied to all energy consumption. |
| | High-season Demand | c/kW/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Demand | c/kW/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| General Supply Demand | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Energy | c/kWh | Charge applied to all energy consumption. |
| | High-season Demand | c/kW/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |

| Tariff type | Components | Measurement | Charging parameter |
|--|-------------------------|-------------|--|
| | Low-season Demand | c/kW/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| General Supply STOU | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | High-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| | Off Peak Energy | c/kWh | Charge applied to energy consumed at all other times. |
| Obsolete General Supply TOU (closed to new entrants) | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Peak Energy | c/kWh | Charge applied to energy consumed between 13:00 and 20:00 on business days. |
| | Shoulder Energy | c/kWh | Charge applied to energy consumed between 07:00 to 13:00 and 20:00 to 22:00 on business days |
| | Off Peak Energy | c/kWh | Charge applied to energy consumed at all other times. |
| Controlled Load 1 | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Energy | c/kWh | Charge applied to controlled energy consumption where energy consumption is controlled by our equipment so that supply may not be available between 07:00 and 22:00. |
| Controlled Load 2 | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | Energy | c/kWh | Charge applied to controlled energy consumption where supply is available for restricted periods not exceeding a total of 17 hours in any period of 24 hours. |

Large low voltage tariff class

The charging parameters for the proposed tariffs for our low voltage customers in this tariff class are set out in the table below.

Table 3.2 - Charging parameters for the large low voltage tariff class

| Tariff Type | Components | Measurement | Charging Parameter |
|-----------------------------|-------------------------|-------------|--|
| LV Demand | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | High-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| | Off Peak Energy | c/kWh | Charge applied to all energy consumed at all other times. |
| | High-season Demand | c/kVA/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Demand | c/kVA/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| LV Energy Transition Tariff | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | High-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| | Off Peak Energy | c/kWh | Charge applied to energy consumed at all other times. |

High voltage demand tariff class

The charging parameters for the proposed tariffs for our high voltage demand customers are set out in the table below.

Table 3.3 - Charging parameters for the high voltage demand tariff class

| Tariff type | Components | Measurement | Charging parameter |
|-----------------------------------|-----------------------------|-------------|--|
| HV Demand | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | High-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| | Off Peak Energy | c/kWh | Charge applied to energy consumed at all other times. |
| | High-season Demand | c/kVA/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Demand | c/kVA/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| Individually Calculated HV Demand | As per the HV Demand tariff | | |

Subtransmission voltage demand tariff class

The charging parameters for the proposed tariffs for our subtransmission voltage are set out in the table below.

Table 3.4 - Charging parameters for the subtransmission voltage demand tariff class

| Tariff type | Components | Measurement | Charging parameter |
|-----------------------------------|-----------------------------|-------------|---|
| ST Demand | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | High-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| | Off Peak Energy | c/kWh | Charge applied to energy consumed at all other times. |
| | High-season Demand | c/kVA/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Demand | c/kVA/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| Individually Calculated ST Demand | As per the ST Demand tariff | | |

Inter-distributor transfer tariff class

The charging parameters for the proposed tariffs for our inter-distributor transfer customers are set out in the table below.

Table 3.5 - Charging parameters for the inter-distributor transfer tariff class

| Tariff type | Components | Measurement | Charging parameter |
|--------------------------------|-------------------------|-------------|--|
| Individually Calculated Demand | Fixed | c/day | Access charge reflecting a fixed amount per day. |
| | High-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Peak Energy | c/kWh | Charge applied to energy consumed between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |
| | Off Peak Energy | c/kWh | Charge applied to energy consumed at all other times. |
| | High-season Demand | c/kVA/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. High-season includes the months November to March inclusive. |
| | Low-season Demand | c/kVA/day | Charge applied to maximum energy demand between 16:00 to 20:00 on business days. Low-season includes the months April to October inclusive. |



Unmetered supply tariff class

The charging parameters for the proposed tariffs for our unmetered supply customers are set out in the table below.

Table 3.6 - Charging parameters for the unmetered supply tariff class

| Tariff type | Components | Measurement | Charging parameter |
|-------------------------|------------|-------------|---|
| Unmetered Energy Tariff | Energy | c/kWh | Charge applied to all energy consumption. |

Sub-threshold tariffs

On 25 February 2022 and in accordance with Rule 6.18.1C of the National Electricity Rules (NER), Endeavour Energy notified the Australian Energy Regulator (AER) of its intention to trial two new sub-threshold tariffs from 1 July 2022⁶.

The two proposed tariffs are:

- **Off Peak+:** A flexible controlled load tariff with specific focus on Hot Water Solar soaking and potential EV application.
- **Residential Prosumer:** A two-way tariff with solar soak period with specific focus on PV customers with battery storage.

The overarching purpose of our tariff strategy is to make energy more affordable by providing customers with the information they require to improve network utilisation by making informed and efficient decisions about their use of the network and their investment in new technologies such as solar, batteries and electric vehicles.

The objective of these trials is to investigate new cost-reflective pricing options for customers with a view to making such tariffs more widely available in future regulatory periods. These tariffs have the potential to provide customers with more control over their network electricity bills, improve network utilisation, and enable efficient integration of distributed energy resources (DER) in the distribution network. The trials are expected to provide valuable evidence to support the potential introduction of the new tariffs (or a modified version) as part of Endeavour Energy's suite of electricity network tariffs for the regulatory period commencing 1 July 2024.

The tariff trials provide Endeavour Energy with an opportunity to test new and innovative tariff structures that can meet the future needs of its customers and the distribution network. The emergence of new technologies, such as batteries and Electric Vehicles (EV), and the increasing uptake of solar are changing the way customers interact with the distribution network, and it is important that Endeavour Energy's tariffs keep pace with these changes. The proposed tariff trials set the path for ensuring Endeavour Energy can provide its future customers with more choices and pricing structures that reflect customers' changing technological preferences and energy usage behaviours.

The specific selection of Off Peak+ and Residential Prosumer tariffs goes directly to the desire to provide customers with tariff choice as these tariff types represent two distinct, and we believe, complementary tariff philosophies. With the Off Peak + trial we are providing a tariff option to customers that may not have the time or inclination to consider and respond to tariff incentives and so will allow them to hand over control of their discretionary load to the network or retailer to manage this load to the benefit of both the individual customer and the broader Grid. For those customers who prefer to maintain control of the timing of their consumption, or who would prefer their own equipment manage their response to tariff incentives, the Residential Prosumer tariff uses prices and incentives to signal the cost and benefits of consuming and exporting electricity at different times of the day.

Sub-threshold tariff compliance with revenue threshold

Section 6.18.1C(a) requires that subthreshold tariffs must satisfy both an individual and cumulative revenue threshold. In particular, the NER requires that Endeavour Energy's:

⁶ <https://www.aer.gov.au/system/files/Endeavour%20Energy%20-%20Tariff%20trial%20notification%20-%202022-23.pdf>

- forecast annual revenue for each tariff is no greater than 0.5 per cent of the annual revenue requirement (the individual threshold); and
- forecast annual revenue from all tariff trials is no greater than 1 per cent of the annual revenue requirement (the cumulative threshold).

Endeavour Energy will continue to monitor customer numbers and volumes on the Off Peak+ and Residential Prosumer trial tariffs. In the unlikely event that that the trials approach the revenue thresholds, Endeavour Energy will close the trial tariff to new entrants.

The table below demonstrates Endeavour Energy's compliance with the subthreshold tariff threshold.

Table 3.7: Compliance with revenue thresholds for subthreshold tariffs

| Annual revenue requirement (AAR) | Rules threshold (\$'000) | Expected Trial DUOS (\$'000) | Expected Trial DUOS (% of ARR) |
|--|---------------------------------|-------------------------------------|---------------------------------------|
| Indicative 2022/23 AAR (DUOS) | 831,845 | | |
| 1% of AAR – Aggregate of all Trials | 8,318 | 371 | 0.04% |
| 0.5% of ARR – Off Peak+ Trial | 4,159 | 142 | 0.02% |
| 0.5% of ARR – Residential Prosumer Trial | 4,159 | 229 | 0.03% |



Approach to setting tariffs

CHAPTER 4





This section details Endeavour Energy's approach to setting tariffs for direct control services⁷. We have set these tariffs by:

- setting the tariff at a level such that the revenue we expect to recover from customers lies between:
 - the stand alone cost of serving those customers who belong to that tariff class; and
 - the avoidable cost of not serving those customers;
- setting each tariff so that it is based on the long run marginal cost (LRMC) of providing services to those customers assigned to that tariff;
- setting our tariffs to reflect the efficient costs of providing the services; and
- taking account of, and limiting the customer impact of changes to tariffs.

Tariff Setting Methodology

Endeavour Energy sets price levels in two steps. First, costs are allocated to individual tariffs and, second, the structure of charges within each individual tariff is determined.

We allocate costs to individual tariffs by:

- allocating every tariff the LRMC of the distribution network, consistent with clause 6.18.5(f) of the Rules; then
- allocating the residual costs to each tariff by taking into account the previous years' allocation of residual costs and a targeted residual cost allocation where costs are allocated based on:
 - Shared network asset costs for individually calculated, site specific tariffs; and
 - Diversified contribution to peak period demand for 'postage stamp' tariffs

In our view, this approach appropriately takes into consideration the impact on retail customers of changes in tariffs from the previous regulatory year consistent with clause 6.18.5(h) of the Rules.

The costs allocated to each tariff are then converted to a charging structure, which may include a fixed charge, consumption charge and/or demand charge. The structure of charges within each tariff are determined on the following basis:

- For demand tariffs and seasonal TOU tariffs, we propose to signal to customers the LRMC of providing network services at times of greatest utilisation using the demand charging parameter in demand tariffs and the peak energy charge in seasonal TOU tariffs. The demand/peak consumption charge was selected because it provides a signal to customers that more closely reflects the driver of network costs (i.e. peak demand).
- Costs not recovered from demand charges or peak energy charges are recovered from either fixed charges or consumption charges (kWh charges). In the absence of reliable information on the price elasticity of demand, this allocation is guided by a rebalancing of the recovery of costs towards fixed charges and away from distortionary consumption-based charges, subject to the extent this rebalancing can be achieved without unacceptable network bill impacts for our customers.

The extent to which we can move towards LRMC-based charging and higher fixed charges is constrained by prioritising the management of customer bill impacts.

⁷ Clause 6.18.1A(a)(5) of the Rules.



Tariff relativity constraints in the small low voltage tariff class

When setting the pricing relativity between the flat/block tariff, transitional demand tariff, demand tariff and seasonal TOU tariffs, the AER has determined that Endeavour Energy comply with the following constraints:

- annual prices will be set so that no less than 90% of small low voltage tariff class customers can find lower network charges by opting-out of the flat/block tariff to at least one of the transitional demand, demand or seasonal TOU tariffs; and
- annual prices will be set so that no less than 50% of small low voltage tariff class customers will have lower network charges by opting-out of the transitional demand tariff to the demand tariff.

Should these constraints result in tariff outcomes that conflict with the requirements of the National Electricity Rules then the requirements of the Rules will take primacy.

Revenue is between stand-alone and avoidable cost for each tariff class

Endeavour Energy sets its tariffs at a level such that, for each tariff class, the revenue we expect to recover from customers lies between:

- the stand alone cost of serving those customers who belong to that tariff class (the upper bound); and
- the avoidable cost of not serving those customers.

The stand-alone cost of serving a group of customers is the total cost required to serve those customers alone, i.e., were we to build the network anew, removing all other customers from the network.

The avoidable cost of serving a group of customers is the reduction in cost that could be achieved if those customers were no longer served, i.e., the reduction in cost associated with a reduction in output that was previously provided to that class of customer.

Endeavour Energy calculates stand-alone and avoidable costs by first classifying each of our network cost categories on the basis of the following two dimensions:

- whether costs are direct or indirect; and
- whether costs are scalable or non-scalable.

Avoidable cost for each tariff class is calculated as the sum of all direct costs multiplied by some weight,⁸ which represents the proportion of direct costs that are attributable to that tariff class.

Stand-alone cost for each tariff class is calculated by taking the avoidable cost for that tariff class and adding to it:

- all non-scalable indirect costs we incur in operating the network; and
- a proportion of our scalable, indirect costs that can be attributed to that tariff class.

See Appendix 5 of our TSS explanatory statement for more information on how we have calculated stand-alone and avoidable costs.

⁸ Endeavour Energy's current weights are derived from the estimated value of the assets at each voltage level.



Estimating long-run marginal cost

We set our tariffs based on the long run marginal cost (LRMC) of providing services to those customers assigned to that tariff. The LRMC of supplying each tariff class is estimated using an average incremental cost approach, i.e., by taking the average change in projected operating and capital expenditure attributable to future increases in demand. This averages the total cost of supplying new growth in demand over that growth in demand.

In practice, under this approach LRMC is estimated by:

- projecting future operating and capital costs attributable to expected increases in demand;
- forecasting future load growth for the relevant network asset (or assets); and
- dividing the present value of projected costs by the present value of expected increases in demand.

The average incremental cost approach yields an LRMC estimate for each network service expressed in dollars per kW per annum. However, many customers are not, and indeed cannot, be charged on the basis of their contribution to the network's maximum demand. It is therefore necessary to express these 'dollars per kW per annum' LRMC estimates (hereafter termed 'base LRMC estimates') in terms of the charging parameters that constitute each tariff.

Translation of LRMC into charging parameters for non-TOU tariffs

Translation of LRMC into charging parameters for non-TOU tariffs involves two steps, i.e.:

1. Converting the base LRMC estimate using the power factor for a given customer class.
2. Converting the resulting estimate to dollars per kWh by dividing by the number of hours in the year that the variable tariff component can be charged, i.e.:

$$\text{LRMC estimate (\$ per kWh)} = \frac{\text{LRMC (\$ per kW per year)}}{\text{Hours per year}}$$

Translation of LRMC into charging parameters for time of use energy tariffs

Translation of LRMC into charging parameters for TOU tariffs involves two steps, i.e.:

1. Converting the base LRMC estimate using the power factor for a given customer class.
2. Converting the resulting estimate to dollars per kWh by dividing by the number of hours in the year that the variable tariff component can be charged, i.e.:

$$\text{Peak energy price high season} = \frac{\text{LRMC} \times P(MD) \times (1 - \beta^h) \times (1 - \alpha)}{\text{number of high season peak hours}}$$

$$\text{Peak energy price low season} = \frac{\text{LRMC} \times P(MD) \times (1 - \beta^l) \times (1 - \alpha)}{\text{number of low season peak hours}}$$

Where:

$P(MD)$ is the probability of maximum demand occurring in the peak period;

$(1 - \beta^h)$ is the per cent allocated to the high-season, and sums to one when added to $(1 - \beta^l)$;

$(1 - \beta^l)$ is the per cent allocated to the low-season; and

α applies only to large business customers and is the per cent of LRMC recovered from the demand charge, as compared with the peak energy charge, and ensures the combined peak energy and demand price signal is appropriately reflects estimated LRMC.

Translation of LRMC into charging parameters for demand tariffs

Translation of LRMC into charging parameters for demand tariffs involves two steps, i.e.:

1. Converting the base LRMC estimate using the power factor for a given customer class (if required).
2. Converting the resulting estimate to dollars per kW or kVA by dividing by the number of months in the year that the variable tariff component can be charged, i.e.:

$$\text{Demand price high season} = \frac{\text{LRMC} \times \text{DF} \times P(\text{MD}) \times (1 - \beta^h) \times \alpha}{\text{Number of high season months}}$$

$$\text{Demand price low season} = \frac{\text{LRMC} \times \text{DF} \times P(\text{MD}) \times (1 - \beta^l) \times \alpha}{\text{Number of low season months}}$$

Where:

DF is the per cent diversity factor for the applicable tariff, and ensures the price signal reflects diversity in the timing of each customer's peak demand and their behavioural contribution to maximum demand;

$P(\text{MD})$ is the probability of maximum demand occurring in the peak period;

$(1 - \beta^h)$ is the per cent allocated to the high-season, and sums to one when added to $(1 - \beta^l)$;

$(1 - \beta^l)$ is the per cent allocated to the low-season; and

α applies only to large business customers and is the per cent of LRMC recovered from the demand charge, as compared with the peak energy charge, and ensures the combined peak energy and demand price signal is appropriate.

See Appendix 6 of our TSS explanatory statement for more information on how we have calculated LRMC.

Tariffs reflect the efficient costs of providing the services

Endeavour Energy's approach to setting demand charging parameter of tariffs is to set prices that are cost reflective, i.e.:

- prices should be lower when there is more excess capacity, because increased demand will not lead to additional investment, i.e., the cost of additional demand is low; and
- prices should be higher when increased demand for electricity may require additional investment, i.e., the cost of greater demand is high.

By setting our demand charging window to reflect those times of the day that additional demand may require network augmentation, Endeavour Energy is more accurately signalling to consumers those times where the cost of greater demand is high.

See section 7.3 of our TSS explanatory statement for more information on how we have determined the charging windows in a manner that reflects the efficient costs of providing the service



Tariffs mitigate impact on customers

Endeavour Energy's approach is to ensure that any changes to tariffs are made gradually, to limit the impact on customers each year.

The transition from energy to demand based tariffs for our residential and small business affect some customers network bills. To mitigate the impact on customers Endeavour Energy has proposed:

- a ten year transition period for the demand tariff parameter of the transitional demand tariff; and
- to provide customers on the transitional demand tariff with an opt-out option should they wish to return to the energy based tariff



Proposed NUOS tariffs

CHAPTER 5





Endeavour Energy’s network use of system (NUOS) tariffs represent the aggregation of distribution use of system (DUOS) tariffs, climate change fund (CCF) recovery tariffs and transmission cost recovery (TCR) tariffs. The tariffs include the allowed movement in the consumer price index and are exclusive of GST.

Comparison to Indicative Pricing Schedule

Endeavour Energy’s FY22 Pricing Proposal was accompanied by an Indicative Pricing Schedule (IPS) of FY23 tariffs. The following table demonstrates the underlying difference between the average price movement assumed in the IPS and the actual FY23 average pricing outcomes.

Table 5.1 – Contribution to average network price change

| Weighted average network price change | IPS FY23 | Actual FY23 |
|--|---------------------|------------------------|
| Distribution tariffs | -2.4% | 6.0% |
| Transmission cost recovery tariffs | 0.9% | 4.8% |
| Climate Change Fund recovery tariffs | -1.5% | 4.2% |
| Weighted average network price change | -1.8% | 5.7% |

The different between forecast and the proposed FY23 prices primarily reflects the difference in the rate of change in the DUOS, TCR and CCF tariffs and their differing proportional representation in each NUOS charging parameter.

Endeavour Energy’s FY22 IPS (for FY23 tariffs), was prepared in accordance with the Tariff Setting Methodology outlined in our approved TSS. This included:

- The transitional re-weighting between tariff classes to better reflect the efficient allocation of residual annual costs; and
- The transitional re-weighting of fixed, energy and demand-based charging parameters within our tariffs to more efficiently signal LRMC.

Endeavour Energy has maintained fixed charge increases comparable to those signalled in the FY22 IPS (for FY23 tariffs). The difference in weighted average price assumption between the IPS and the actual outcome must, therefore, result in differences in energy and demand charges. This has driven differences in these tariff components between our FY22 IPS (for FY23 tariffs) and proposed FY23 tariffs.

Finally, when setting the pricing relativity between the flat/block tariff, transitional demand tariff, demand tariff and seasonal TOU tariffs, the AER has determined that Endeavour Energy comply with several tariff relativity constraints. As the number of residential and small business customers on digital meters increases, Endeavour Energy must reweight its cost reflective residential and small business tariffs relative to the legacy tariffs to ensure the determined relativities are maintained and that the relativities between these tariffs are sustainable in the longer-term. To maintain these relativities the energy rates of our cost reflective tariffs have increased at a rate greater than anticipated in the FY22 IPS.

Changes from the previous regulatory year

Endeavour Energy will transition to a new billing system in the first quarter of FY23. The new system requires demand prices be expressed on a c/kW/day or c/kVA/day basis. While the way the price is expressed has changed, the demand price will still apply to the customer’s maximum monthly demand.

Endeavour Energy does not propose to make any other variations or adjustments to the structure of network tariffs between the FY22 and FY23 years.

As outlined in Chapter 3, Endeavour Energy has proposed two sub-threshold tariff pricing trials.

Endeavour Energy proposes to introduce 29 new LED public lighting asset types. This requires the creation of 58 new rates – 29 Tariff Class 3 and 29 Tariff Class 4.

Changes within the regulatory year

Endeavour Energy will transition to a new billing system in the first quarter of FY23. The new system requires demand prices be expressed on a c/kW/day or c/kVA/day basis. While the way the price is expressed has changed, the demand price will still apply to the customer's maximum monthly demand.

Endeavour Energy does not propose to make any other variations or adjustments to the structure of network tariffs during FY23.

Low Voltage Energy Tariff Class

Residential energy tariff – N70

The following table provides the proposed prices for the residential flat tariff for FY23. Approximately 93% of residential customers are charged using this tariff.

Table 5.2 – Proposed FY23 residential flat tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|-------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 40.68 | 43.73 | 7.5% |
| Energy Charge (c/kWh) | 8.0953 | 8.4180 | 4.0% |

All prices in the above table are exclusive of GST.

Residential seasonal TOU tariff – N71

The following table provides the proposed prices for the seasonal TOU tariff for FY23. Tariff N71 is an optional tariff for customers with smart metering.

Table 5.3 – Proposed FY23 residential seasonal TOU tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 42.62 | 44.11 | 3.5% |
| High Season Peak Energy Charge (c/kWh) | 19.3661 | 20.0116 | 3.3% |
| Low Season Peak Energy Charge (c/kWh) | 10.4749 | 10.8094 | 3.2% |
| Off Peak Energy Charge (c/kWh) | 6.6220 | 6.8217 | 3.0% |

All prices in the above table are exclusive of GST.

Residential seasonal demand tariff – N72

The following table provides the proposed prices for the seasonal demand tariff for FY23. Tariff N72 is an optional tariff for customers with smart metering.

Table 5.4 – Proposed FY23 residential seasonal demand tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|---|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 42.62 | 44.11 | 3.5% |
| Energy Charge (c/kWh) | 4.6171 | 5.0275 | 8.9% |
| High Season Peak Demand Charge (c/kW/day) | 14.5200 | 15.8400 | 9.1% |
| Low Season Peak Demand Charge (c/kW/day) | 4.9200 | 5.8800 | 19.5% |

All prices in the above table are exclusive of GST.

Residential transitional seasonal demand tariff – N73

The following table provides the proposed prices for the transitional seasonal demand tariff for FY23. Tariff N73 is the default tariff for customers with smart metering.

Table 5.5 – Proposed FY23 residential transitional seasonal demand tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|---|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 42.62 | 44.11 | 3.5% |
| Energy Charge (c/kWh) | 6.0941 | 6.4583 | 6.0% |
| High Season Peak Demand Charge (c/kW/day) | 6.3600 | 8.1600 | 28.3% |
| Low Season Peak Demand Charge (c/kW/day) | 2.1600 | 3.0000 | 38.9% |

All prices in the above table are exclusive of GST.

Residential time of use (type 5) – N705 (closed to new entrants)

The following table provides the proposed prices for the residential time of use tariff (type 5) for FY23. Tariff N705 is closed to new entrants.

Table 5.6 – Proposed FY23 residential time of use (type 5) tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 42.62 | 44.11 | 3.5% |
| Peak Energy Charge (c/kWh) | 13.5961 | 14.5118 | 6.7% |
| Shoulder Energy Charge (c/kWh) | 9.2255 | 9.9883 | 8.3% |
| Off Peak Energy Charge (c/kWh) | 8.7551 | 9.5014 | 8.5% |

All prices in the above table are exclusive of GST.

Residential time of use – N706 (closed to new entrants)

The following table provides the proposed prices for the residential time of use tariff for FY23. Tariff N706 is closed to new entrants.

Table 5.7 – Proposed FY23 residential time of use tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 42.62 | 44.11 | 3.5% |
| Peak Energy Charge (c/kWh) | 13.5961 | 14.5118 | 6.7% |
| Shoulder Energy Charge (c/kWh) | 9.2255 | 9.9883 | 8.3% |
| Off Peak Energy Charge (c/kWh) | 8.7551 | 9.5014 | 8.5% |

All prices in the above table are exclusive of GST.

General supply block tariff – N90

The following table provides the proposed prices for the default general supply block tariff for FY23. Tariff N90 is Endeavour Energy's primary general supply tariff with approximately 87% of general supply customers charged using this tariff.

Table 5.8 – Proposed FY23 general supply block tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|------------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 58.23 | 62.59 | 7.5% |
| First Block Energy Charge (c/kWh) | 8.4755 | 8.8705 | 4.7% |
| Second Block Energy Charge (c/kWh) | 9.7994 | 10.3335 | 5.5% |

All prices in the above table are exclusive of GST.

General supply seasonal TOU tariff – N91

The following table provides the proposed prices for the seasonal TOU tariff for FY23. Tariff N91 is an optional tariff for customers with smart metering.

Table 5.9 – Proposed FY23 general supply seasonal TOU tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 61.04 | 63.17 | 3.5% |
| High Season Peak Energy Charge (c/kWh) | 20.1704 | 20.7287 | 2.8% |
| Low Season Peak Energy Charge (c/kWh) | 11.2792 | 11.5265 | 2.2% |
| Off Peak Energy Charge (c/kWh) | 7.4263 | 7.5388 | 1.5% |

All prices in the above table are exclusive of GST.

General supply seasonal demand tariff – N92

The following table provides the proposed prices for the seasonal demand tariff for FY23. Tariff N92 is an optional tariff for customers with smart metering.

Table 5.10 – Proposed FY23 general supply seasonal demand tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|---|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 61.04 | 63.17 | 3.5% |
| Energy Charge (c/kWh) | 6.0181 | 6.6466 | 10.4% |
| High Season Peak Demand Charge (c/kW/day) | 19.6800 | 21.0000 | 6.7% |
| Low Season Peak Demand Charge (c/kW/day) | 6.4800 | 7.3200 | 13.0% |

All prices in the above table are exclusive of GST.

General supply transitional seasonal demand tariff – N93

The following table provides the proposed prices for the transitional seasonal demand tariff for FY23. Tariff N93 is the default tariff for customers with smart metering.

Table 5.11 – Proposed FY23 general supply transitional seasonal demand tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|---|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 61.04 | 63.17 | 3.5% |
| Energy Charge (c/kWh) | 6.9449 | 7.4783 | 7.7% |
| High Season Peak Demand Charge (c/kW/day) | 7.6800 | 10.2000 | 32.8% |
| Low Season Peak Demand Charge (c/kW/day) | 2.5200 | 3.6000 | 42.9% |

All prices in the above table are exclusive of GST.

General supply time of use – N84 (closed to new entrants)

The following table provides the proposed prices for the general supply time of use tariff for FY23.

Table 5.12 – Proposed FY23 general supply time of use tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 61.04 | 63.17 | 3.5% |
| Peak Energy Charge (c/kWh) | 13.2464 | 14.1024 | 6.5% |
| Shoulder Energy Charge (c/kWh) | 8.8758 | 9.5789 | 7.9% |
| Off Peak Energy Charge (c/kWh) | 8.4054 | 9.0920 | 8.2% |

All prices in the above table are exclusive of GST.

General supply time of use (type 5) – N845 (closed to new entrants)

The following table provides the proposed prices for the general supply time of use tariff (type 5) for FY23.

Table 5.13 – Proposed FY23 general supply time of use (type 5) tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 61.04 | 63.17 | 3.5% |
| Peak Energy Charge (c/kWh) | 13.2464 | 14.1024 | 6.5% |
| Shoulder Energy Charge (c/kWh) | 8.8758 | 9.5789 | 7.9% |
| Off Peak Energy Charge (c/kWh) | 8.4054 | 9.0920 | 8.2% |

All prices in the above table are exclusive of GST.

Controlled load tariffs – N50 and N54

The following table provides the proposed prices for the controlled load 1 tariff for FY23.

Table 5.14 – Proposed FY23 controlled load 1 tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|-------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 3.72 | 4.46 | 19.9% |
| Energy Charge (c/kWh) | 1.6184 | 1.9273 | 19.1% |

All prices in the above table are exclusive of GST.

The following table provides the proposed prices for the controlled load 2 tariff for FY23.

Table 5.15 – Proposed FY23 controlled load 2 tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|-------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 3.72 | 4.46 | 19.9% |
| Energy Charge (c/kWh) | 3.7078 | 3.9710 | 7.1% |

All prices in the above table are exclusive of GST.

Low Voltage Demand Tariff Class

Low voltage time of use demand – N19

The following table provides the proposed prices for the low voltage time of use demand tariff for FY23.

Table 5.16 – Proposed FY23 low voltage time of use demand tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 2491.00 | 2864.00 | 15.0% |
| High Season Peak Energy Charge (c/kWh) | 4.3136 | 4.2883 | -0.6% |
| Low Season Peak Energy Charge (c/kWh) | 3.7178 | 3.6717 | -1.2% |
| Off Peak Energy Charge (c/kWh) | 2.2911 | 2.1951 | -4.2% |
| High Season Peak Demand Charge (c/kVA/day) | 31.0800 | 34.3685 | 10.6% |
| Low Season Peak Demand Charge (c/kVA/day) | 26.0400 | 29.0885 | 11.7% |

All prices in the above table are exclusive of GST.

Transitional time of use – N89

The following table provides the proposed prices for the transitional time of use tariff for FY23.

Table 5.17 – Proposed FY23 transitional time of use tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 2491.00 | 2864.00 | 15.0% |
| High Season Peak Energy Charge (c/kWh) | 19.5060 | 12.5827 | -35.5% |
| Low Season Peak Energy Charge (c/kWh) | 16.5272 | 9.4997 | -42.5% |
| Off Peak Energy Charge (c/kWh) | 9.3915 | 3.3333 | -64.5% |

All prices in the above table are exclusive of GST.



High Voltage Demand Tariff Class

High voltage time of use demand – N29

The following table provides the proposed prices for the high voltage time of use demand tariff for FY23.

Table 5.18 – Proposed FY23 high voltage time of use demand tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 4288.00 | 4931.00 | 15.0% |
| High Season Peak Energy Charge (c/kWh) | 1.7100 | 1.7158 | 0.3% |
| Low Season Peak Energy Charge (c/kWh) | 1.6577 | 1.6616 | 0.2% |
| Off Peak Energy Charge (c/kWh) | 1.5344 | 1.5340 | 0.0% |
| High Season Peak Demand Charge (c/kVA/day) | 31.3200 | 34.0345 | 8.7% |
| Low Season Peak Demand Charge (c/kVA/day) | 30.9600 | 33.5545 | 8.4% |

All prices in the above table are exclusive of GST.

Individually calculated high voltage tariffs

The individually calculated high voltage NUOS tariffs have been provided to the AER on a confidential basis as these tariffs contain customer specific data.



Subtransmission Voltage Demand Tariff Class

Subtransmission time of use demand – N39

The following table provides the proposed prices for the subtransmission time of use demand tariff for FY23.

Table 5.19 – Proposed FY23 subtransmission time of use demand tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|--|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 6730.00 | 7739.00 | 15.0% |
| High Season Peak Energy Charge (c/kWh) | 1.3478 | 1.4492 | 7.5% |
| Low Season Peak Energy Charge (c/kWh) | 1.2995 | 1.3993 | 7.7% |
| Off Peak Energy Charge (c/kWh) | 1.1845 | 1.2802 | 8.1% |
| High Season Peak Demand Charge (c/kVA/day) | 26.8800 | 30.0900 | 11.9% |
| Low Season Peak Demand Charge (c/kVA/day) | 26.5200 | 29.7300 | 12.1% |

All prices in the above table are exclusive of GST.

Individually calculated subtransmission voltage tariffs

The individually calculated high voltage NUOS tariffs have been provided to the AER on a confidential basis as these tariffs contain customer specific data.

Inter-Distributor Transfer Tariff Class

The inter-distributor NUOS tariffs have been provided to the AER on a confidential basis as these tariffs contain customer specific data.

Unmetered Supply Tariff Class

The following table provides the proposed prices for the unmetered supply NUOS tariff (N99) for FY23.

Table 5.20 – Proposed FY23 unmetered supply tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|-------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 0.0000 | 0.0000 | 0.0% |
| Energy Charge (c/kWh) | 8.7255 | 9.1672 | 5.1% |

All prices in the above table are exclusive of GST.

Price movements are in alignment with the General Supply block tariff N90.

The following table provides the proposed prices for the street lighting NUOS tariff (SL) for FY23.

Table 5.21 – Proposed FY23 street lighting tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|-------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 0.0000 | 0.0000 | 0.0% |
| Energy Charge (c/kWh) | 7.9311 | 8.3770 | 5.6% |

All prices in the above table are exclusive of GST.

The following table provides the proposed prices for the traffic control signal lights NUOS tariff (TL) for FY23.

Table 5.22 – Proposed FY23 traffic control signal lights tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|-------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 0.0000 | 0.0000 | 0.0% |
| Energy Charge (c/kWh) | 8.7255 | 9.1672 | 5.1% |

All prices in the above table are exclusive of GST.

Price movements are in alignment with the General Supply block tariff N90.

The following table provides the proposed prices for the nightwatch NUOS tariff (NW) for FY23.

Table 5.23 – Proposed FY23 nightwatch tariff

| Charging Parameter | Existing NUOS Tariff FY22 | Proposed NUOS Tariff FY23 | % change |
|-------------------------------|---------------------------|---------------------------|----------|
| Network Access Charge (c/day) | 0.0000 | 0.0000 | 0.0% |
| Energy Charge (c/kWh) | 7.5547 | 8.1670 | 8.1% |

All prices in the above table are exclusive of GST.



Consumer impacts

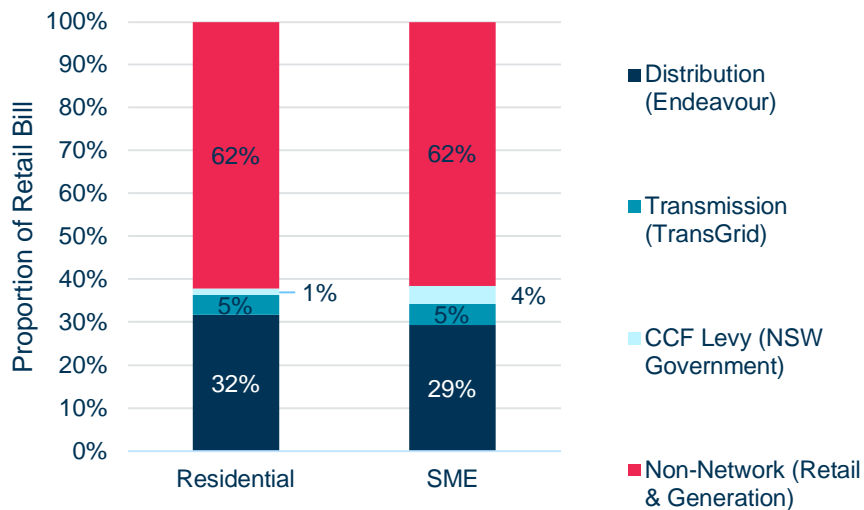
CHAPTER 6



Endeavour Energy's network use of system tariffs are an aggregation of distribution tariffs, transmission cost recovery tariffs and climate change fund recovery tariffs. From 1 July 2015, Endeavour Energy's metering servicing charges (MSC) have been unbundled from the distribution component of the network tariffs and are charged separately. Retailers generally pass-through network tariffs to end use customers and add the costs of purchasing electricity from the wholesale market and other retail-related costs of selling electricity.

The customer impacts examined in this chapter relate only to network charges and do not include assumptions relating to retail charges. The figure below provides the proportional network and retail components of an average regulated residential block tariff (BT) and general supply BT retail bill⁹.

Figure 6.1 – Average regulated residential and SME bills by network and retail component – FY22



As demonstrated above the network charges represent approximately 38% of the total electricity price in each case.¹⁰

⁹ Average regulated retail bills are calculated on the basis of the FY22 Default Market Offer (DMO) for residential and general supply tariff customers in the Endeavour Energy network consuming 5,000kWh and 10,000kWh respectively. Endeavour Energy's standard Metering Service Charges (MSC) are excluded.

¹⁰ Not all customers are supplied on the basis of the DMO tariff.

Low Voltage Energy Tariff Class

Residential flat tariff – N70

Tariff N70 is Endeavour Energy's primary residential tariff with approximately 93% of residential customers supplied on this tariff.

The following figure illustrates the expected network bill impacts of the proposed network price change for customers on the N70 tariff.

For an average residential customer consuming 5 MWh per annum this equates to a \$27 increase in annual NUOS bill. Endeavour Energy's portion of the annual network bill (DUOS) will increase by \$25 and the TCR and CCF portions of the network bill will combine for an increase of \$2.

Figure 6.2 – Expected N70 network bill impact distribution

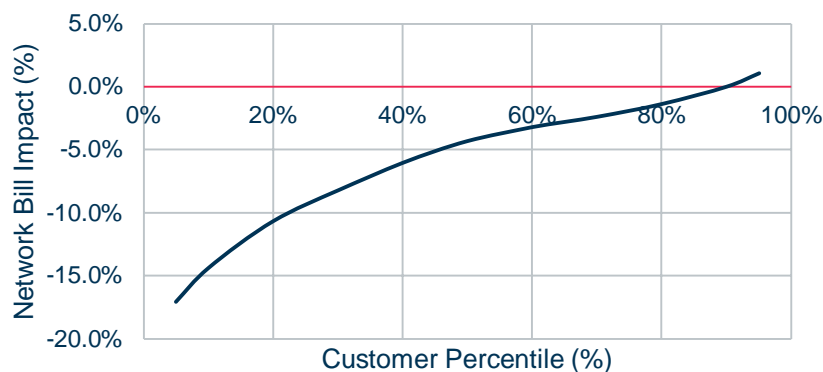


Endeavour Energy's remaining residential customers are primarily supplied on our cost-reflective tariffs N71, N72 and N73. Where the customer has a digital meter, these tariffs are available to our customer's retailer to elect on behalf of the customer.

The following figure illustrates that 90% of eligible customers on the N70 tariff are likely to be better-off if a cost-reflective tariff is elected by their retailer. The median customer is expected to save 4% on their network bill.

Figure 6.3 – Expected savings of a transition from tariff N70 to a cost-reflective tariff option

Impact of a move from N70 to a cost reflective tariff option





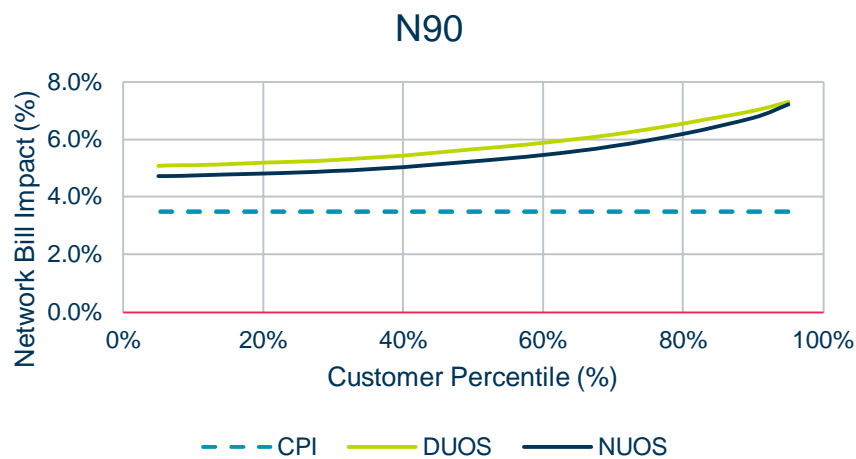
General Supply block tariff – N90

Tariff N90 is Endeavour Energy's primary general supply tariff with approximately 93% of general supply customers charged using this tariff.

The following figure illustrates the expected network bill impacts of the proposed network price change for customers on the N90 tariff.

For an average small business customer consuming 23 MWh per annum this equates to a \$107 increase in annual NUOS bill. Endeavour Energy's portion of the annual network bill (DUOS) will increase by \$85 and the TCR and CCF portions of the network bill will combine for an increase of \$22

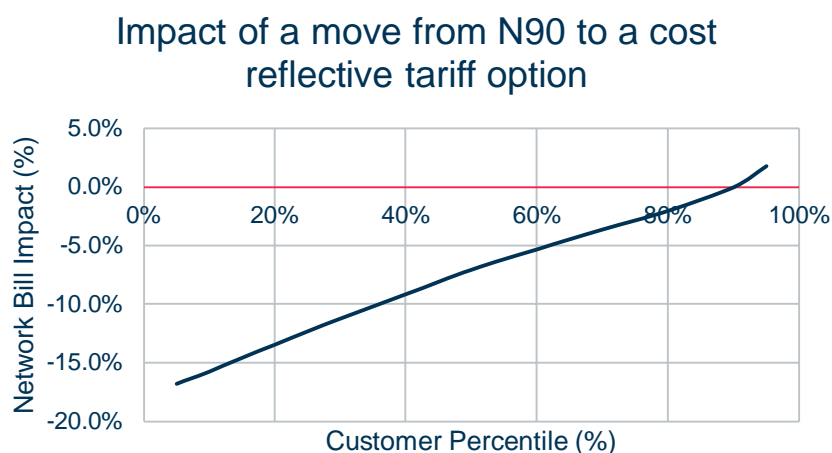
Figure 6.4 – Expected N90 network bill impact distribution



Endeavour Energy's remaining small business customers are primarily supplied on our cost-reflective tariffs N91, N92 and N93. Where the customer has a digital meter, these tariffs are available to our customer's retailer to elect on behalf of the customer.

The following figure illustrates that 90% of eligible customers on the N90 tariff are likely to be better-off if a cost-reflective tariff is elected by their retailer. The median customer is expected to save 7% on their network bill.

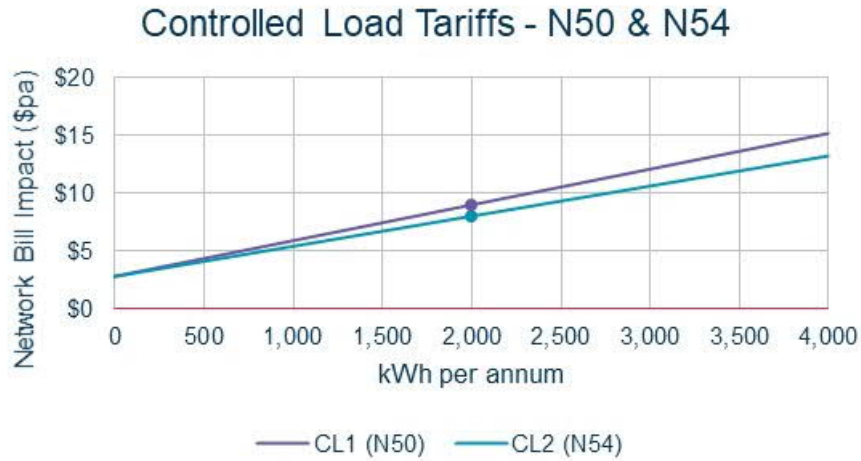
Figure 6.5 – Expected savings of a transition from tariff N90 to a cost-reflective tariff option



Controlled load tariffs – N50 and N54

The following figure illustrates the expected network bill impacts of the proposed network price change for customers on the controlled load 1 (N50) and controlled load 2 (N54) tariffs.

Figure 6.6 – Customer impact Controlled Load 1 and 2



Low Voltage Demand Tariff Class

Low voltage time of use demand – N19

The following figure shows the impact distribution of the proposed network price change for customers on the low voltage time of use demand tariff.

Figure 6.7 – Expected low voltage time of use demand network bill impact distribution





High Voltage Demand Tariff Class

High voltage time of use demand – N29

The following figure shows the impact distribution of the proposed network price change for customers on the high voltage time of use demand tariff.

Figure 6.8 – Expected high voltage time of use demand network bill impact distribution



Subtransmission Voltage Demand Tariff Class

Subtransmission time of use demand – N39

The following figure shows the impact distribution of the proposed network price change for customers on the subtransmission time of use demand tariff.

Figure 6.9 – Expected subtransmission time of use demand NUOS bill impact distribution





Unmetered Supply Tariff Class

Unmetered supply tariff – N99

The following table shows the expected network bill impacts of the proposed network price change for customers on the unmetered supply tariff.

Table 6.1 – Customer impact of the unmetered supply tariff (N99)

| Annual Consumption (kWh) | NUOS Bill (\$pa) | | Change in NUOS Bill (%) |
|--------------------------|------------------|--------|-------------------------|
| | FY22 | FY23 | |
| 1,000 | 87.26 | 91.67 | 5.1% |
| 3,000 | 261.77 | 275.02 | 5.1% |
| 5,000 | 436.28 | 458.36 | 5.1% |
| 10,000 | 872.55 | 916.72 | 5.1% |

All indicative bill outcomes in the above table are exclusive of GST.

Unmetered street lighting tariff – SL

The following table shows the expected network bill impacts of the proposed network price change for customers on the unmetered street lighting tariff.

Table 6.2 – Customer impact unmetered street lighting tariff (SL)

| Annual Consumption (kWh) | NUOS Bill (\$pa) | | Change in NUOS Bill (%) |
|--------------------------|------------------|--------|-------------------------|
| | FY22 | FY23 | |
| 1,000 | 79.31 | 83.77 | 5.6% |
| 3,000 | 237.93 | 251.31 | 5.6% |
| 5,000 | 396.56 | 418.85 | 5.6% |
| 10,000 | 793.11 | 837.70 | 5.6% |

All indicative bill outcomes in the above table are exclusive of GST

Unmetered traffic signal tariff – TL

The following table shows the expected network bill impacts of the proposed network price change for customers on the unmetered traffic signal tariff.

Table 6.3 – Customer impact unmetered traffic signal tariff (TL)

| Annual Consumption (kWh) | NUOS Bill (\$pa) | | Change in NUOS Bill (%) |
|--------------------------|------------------|--------|-------------------------|
| | FY22 | FY23 | |
| 1,000 | 87.26 | 91.67 | 5.1% |
| 3,000 | 261.77 | 275.02 | 5.1% |
| 5,000 | 436.28 | 458.36 | 5.1% |
| 10,000 | 872.55 | 916.72 | 5.1% |

All indicative bill outcomes in the above table are exclusive of GST

Unmetered nightwatch tariff – NW

The following table shows the expected network bill impacts of the proposed network price change for customers on the unmetered nightwatch tariff.

Table 6.4 – Customer impact nightwatch (NW)

| Annual Consumption (kWh) | NUOS Bill (\$pa) | | Change in NUOS Bill (%) |
|-----------------------------|------------------|--------|----------------------------|
| | FY22 | FY23 | |
| 1,000 | 75.55 | 81.67 | 8.1% |
| 3,000 | 226.64 | 245.01 | 8.1% |
| 5,000 | 377.74 | 408.35 | 8.1% |
| 10,000 | 755.47 | 816.70 | 8.1% |

All indicative bill outcomes in the above table and are exclusive of GST.

Customer Reassignment

Endeavour Energy intends to compulsorily assign 262 customers with annual consumption in excess of 160 MWh pa from their existing general supply BT, general supply time of use, transitional time of use or demand time of use tariff to the appropriate demand time of use or transitional time of use tariff.

The customers targeted for re-assignment meet the following criteria:

- Have an annual consumption in excess of 160MWh pa;
- Have time of use metering capable of supporting the proposed tariff; and
- For customers consuming between 160 to 200 MWh pa, the expected network bill impact of the reassignment to the destination tariff is no more than 10% had they stayed on their existing tariff.
- For customers consuming between in excess of 200 MWh pa, the expected network bill impact of the reassignment to the destination tariff is no more than 15% had they stayed on their existing tariff.

This reform proposal is consistent with Endeavour Energy's pricing policy of compulsory demand pricing for all customers with annual consumption greater than 160 MWh pa.

A summary of the proposed compulsory re-assignment of customers is provided in the following table:



Table 6.5– compulsory customer assignment

| Origin Tariff | Proposed Tariff | Customers Assigned |
|--------------------------------|--------------------------------|--------------------|
| General Supply BT (N90) | Transitional Time of Use (N89) | 107 |
| | LV time of use Demand (N19) | 70 |
| GS STOU (N91) | Transitional Time of Use (N89) | 6 |
| | LV time of use Demand (N19) | 1 |
| GS Demand (N92) | Transitional Time of Use (N89) | 7 |
| | LV time of use Demand (N19) | 4 |
| GS Transitional Demand (N93) | Transitional Time of Use (N89) | 35 |
| | LV time of use Demand (N19) | 31 |
| Transitional Time of Use (N89) | GS Transitional Demand (N93) | 1 |
| Total | | 262 |

To be eligible for compulsory tariff re-assignment Endeavour Energy requires that the customer has metering installed that is capable of supporting the proposed tariff and that FY23 quantities are available in the form of the destination tariffs (ie high season peak, low season peak and off peak energy and demand tariff charging parameters).

Upon approval of this pricing proposal, and in accordance with section 2.2 of our final 2019-24 TSS, we will write to Retailers, who act on the customers behalf, informing them of the proposed tariff reassignment.

The notification letter will provide the retailer with:

- The reasons for the reassignment;
- The criteria by which the customer was identified for transfer;
- The opportunity to object to the reassignment prior to its actioning; and

Notification that an alternate dispute resolution process is available should the retailer be dissatisfied with Endeavour Energy’s proposal



Regulatory requirements

CHAPTER 7



Distribution Pricing

Compliance with the Revenue Cap

The following table demonstrates that Endeavour Energy's FY23 Pricing Proposal complies with the revenue cap constraint outlined in the Determination and based on the tariff classes outlined in this Proposal.

Table 7.1 – Compliance with the revenue cap

| Control Mechanism | Formula | Value (\$'000) |
|--|--|----------------|
| Adjusted annual smoothed revenue requirement (t-1) | ARR_{t-1} | 814,241 |
| CPI | ΔCPI_t | 3.5% |
| X-Factor | X_t | 1.29% |
| Adjusted annual smoothed revenue requirement (t) | $ARR_t = ARR_{t-1} \times (1 + \Delta CPI_t) \times (1 - X_t)$ | 831,845 |
| STPIS, DMIS and DMIA adjustments | I_t | 32,965 |
| Annual adjustment factors | B_t | 7,697 |
| Cost pass through amounts | C_t | 0 |
| Total allowable revenue | $TAR_t = ARR_t + I_t + B_t + C_t$ | 872,507 |
| Proposed revenue | PR_t | 872,507 |
| Revenue cap compliance | $TAR_t \geq PR_t$ | Yes |

Compliance with the revenue cap control mechanism is demonstrated in confidential Attachment A.

Compliance with tariff class constraints

The table below calculates the FY23 side constraint limit for tariff class movements.

Table 7.2 – Side Constraint Limit

| Side Constraint | Formula | Value (%) |
|----------------------------------|--|---------------------|
| CPI | ΔCPI_t | 3.50% |
| X-Factor | X_t | 0.00% ¹¹ |
| Annual Side Constraint | SC_t | 2.00% |
| STPIS, DMIS and DMIA adjustments | I_t' | 4.01% |
| Annual adjustment factors | B_t' | 0.94% |
| Cost pass through amounts | C_t' | 0.00% |
| Side Constraint Limit | $(1+\Delta CPI_t) \times (1-X_t) + I_t' + B_t' + C_t'$ | 10.51% |

The weighted average revenue change by tariff class is below the -0.37% side constraint limit for all tariff classes.

Table 7.3 – Average Tariff Class Movement¹²

| Tariff Class | Weighted Average Revenue FY22 (\$'000) | Weighted Average Revenue FY23 (\$'000) | Change in Weighted Average Revenue (%) |
|-----------------------------|--|--|--|
| Small Low Voltage | 584,503 | 620,829 | 6.21% |
| Large Low Voltage | 157,116 | 165,187 | 5.14% |
| High Voltage Demand | 33,675 | 35,733 | 6.11% |
| Subtransmission Demand | 32,988 | 34,963 | 5.99% |
| Inter-Distributor Transfers | 6,899 | 7,460 | 8.15% |
| Unmetered Supply | 7,889 | 8,334 | 5.64% |

Compliance with the side constraint mechanism is demonstrated in confidential Attachment A.

¹¹ When X-factor is greater than 0, the X-factor is removed from the side constraint formula
¹² Weighted average revenues have been calculated using forecast FY23 volumes.

Distribution use of system overs and unders account balance

The forecast FY23 balance of Endeavour Energy's transmission use of system overs and unders account is provided in the table below:

Table 7.4 – Distribution overs and unders account balance (\$'000)

| | FY21 Actual (\$'000) | FY22 Expected (\$'000) | FY23 Forecast (\$'000) |
|---|----------------------------|------------------------------|------------------------------|
| (A) Revenue from DUOS charges | 847,531 | 813,092 | 872,507 |
| (B) TAR for the regulatory year = | 830,821 | 830,657 | 864,810 |
| + Adjusted annual smoothed revenue (AAR) | 863,109 | 814,241 | 831,845 |
| + STPIS, DMIS carryover and DMIS amounts (I) | -436 | 16,415 | 32,965 |
| + Annual adjustments (B) | 0 | 0 | 0 |
| + Cost pass through amount (C) | 0 | 0 | 0 |
| (C) Revenue deliberately under-recovered in year | 0 | 0 | 0 |
| | | | |
| (A – B + C) Under/over recovery of revenue for regulatory year | 16,710 | -17,565 | 7,697 |
| | | | |
| DUOS unders and overs account | | | |
| Nominal WACC (per cent) | 4.89% | 3.64% | 6.21% |
| Opening balance | -6,737 | 10,048 | -7,468 |
| Interest on opening balance | -329 | 366 | -464 |
| Under/over recovery of revenue for regulatory year | 16,710 | -17,565 | 7,697 |
| Interest on under/over recovery for regulatory year | 403 | -317 | 235 |
| Closing balance | 10,048 | -7,468 | 0 |

Revenue is between stand-alone and avoidable cost for each tariff class

Endeavour Energy’s proposed tariffs fall between stand alone and avoidable cost for each tariff class.

Table 7.5 – Avoidable and stand-alone cost calculation

| Tariff Class | Expected DUOS Revenue (\$'000) | Avoidable Cost (\$'000) | Stand Alone Cost (\$'000) | Between Avoidable and Stand Alone Cost? |
|-----------------------------|--------------------------------|-------------------------|---------------------------|---|
| Small Low Voltage | 620,829 | 355,455 | 786,194 | Yes |
| Large Low Voltage | 165,187 | 32,062 | 462,801 | Yes |
| High Voltage Demand | 35,733 | 12,679 | 338,136 | Yes |
| Subtransmission Demand | 34,963 | 11,078 | 151,822 | Yes |
| Inter-Distributor Transfers | 7,460 | 3,154 | 143,898 | Yes |
| Unmetered Supply | 8,334 | 0 | 430,738 | Yes |

Tariffs are based on long run marginal cost

Endeavour Energy’s estimate of the LRMC for the services provided are illustrated in the table below.

Table 7.6 – Voltage level LRMC calculation

| Voltage Level | LRMC Calculation (\$/kW/pa) |
|-----------------|-----------------------------|
| Low Voltage | 97.04 |
| High Voltage | 8.60 |
| Subtransmission | 8.29 |

Tariff relativity constraints in the small low voltage tariff class

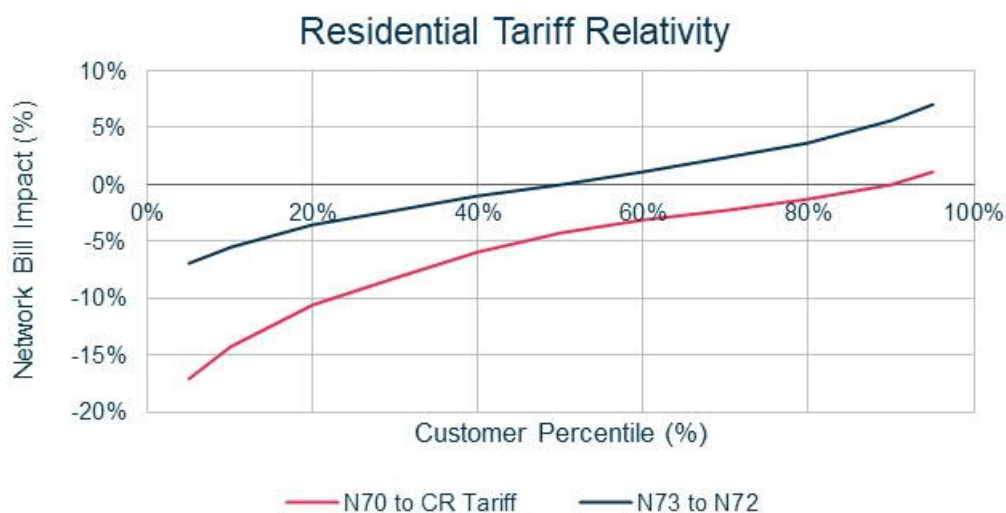
When setting the pricing relativity between the flat/block tariff, transitional demand tariff, demand tariff and seasonal TOU tariffs, the AER has determined that Endeavour Energy comply with the following constraints:

- annual prices will be set so that no less than 90% of small low voltage tariff class customers can find lower network charges by opting-out of the flat/block tariff to at least one of the transitional demand, demand or seasonal TOU tariffs; and
- annual prices will be set so that no less than 50% of small low voltage tariff class customers will have lower network charges by opting-out of the transitional demand tariff to the demand tariff.

The figure below illustrates the relativity between Endeavour Energy's Residential Flat Energy tariff (N70) and the cost-reflective tariffs (N71, N72 and N73):

- 90% of N70 customers can find lower network charges by opting-in to a cost-reflective tariff
- 50% of customers on the transitional demand tariff (N73) can find lower network charges by opting-in to the demand tariff (N72)

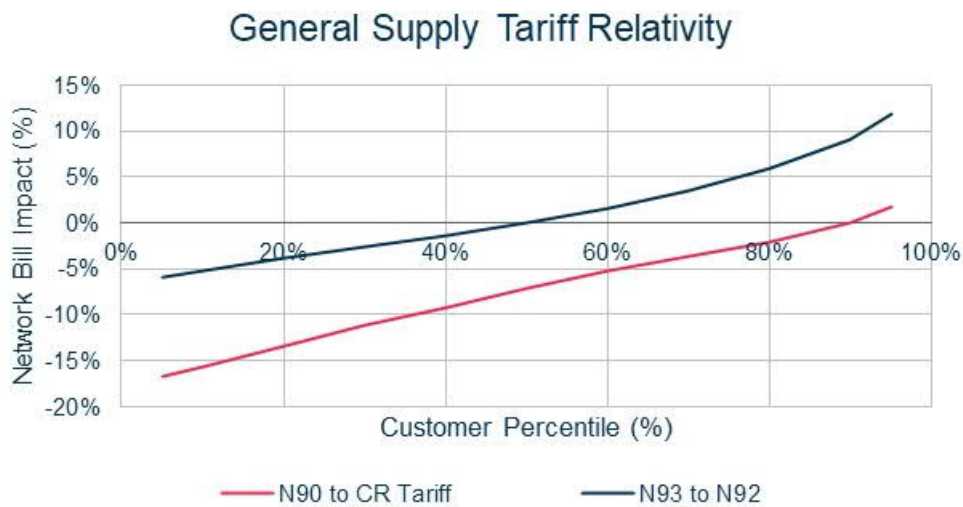
Figure 7.1 – Residential tariff relativity (FY23)



The figure below illustrates the relativity between Endeavour Energy's General Supply Block Energy tariff (N90) and the cost-reflective tariffs (N91, N92 and N93):

- 90% of N90 customers can find lower network charges by opting-in to a cost-reflective tariff
- 50% of customers on the transitional demand tariff (N93) can find lower network charges by opting-in to the demand tariff (N92)

Figure 7.2 – General Supply tariff relativity (FY23)



Transmission Cost Recovery

Endeavour Energy’s transmission cost recovery (TCR) tariffs are designed to recover transmission related costs, including TransGrid’s transmission use of system (TUOS) charges, avoided transmission payments made to embedded generators and adjustments to balance Endeavour Energy’s transmission overs and unders account.

Endeavour Energy’s transmission related costs are calculated to increase by 4.5% in FY23. The following table provides a breakdown of the drivers of the changes in Endeavour Energy’s FY23 transmission costs.

Table 7.7 – Change in FY23 transmission costs

| Transmission Cost | FY23 Change |
|--|--------------|
| A. Change in transmission related payments (a + b) | 2.11% |
| - Impact of increase in transmission revenues payable to TransGrid (a) | 2.11% |
| - Impact of increase in avoided TUOS payments to embedded generators (b) | 0.00% |
| B. Change required to balance transmission overs and unders account | 2.37% |
| Total change in transmission costs $((1+A)*(1+B))-1$ | 4.53% |

Transmission cost recovery tariff methodology

The key principles of Endeavour Energy’s Transmission Cost Recovery Tariff (TCR) Methodology are:

- Total TUOS allocated to network tariffs are aligned with the total estimated transmission charge to be paid by Endeavour Energy¹³, adjusted for any overs and unders account balance;
- Transmission charges are allocated to network tariffs in a manner that reflects the cost drivers present in transmission pricing;
- Customers on an individually calculated tariff have transmission charges allocated in a manner that preserves the location and time signals of transmission pricing; and
- Network tariffs for smaller customer classes have transmission charges allocated on an energy basis, as location signals cannot be preserved in all cases due to metering limitations.

¹³ Calculated using final transmission pricing received from TransGrid on 15 March 2019.

Transmission use of system overs and unders account balance

The forecast FY23 balance of Endeavour Energy's transmission use of system overs and unders account is provided in the table below:

Table 7.8 – Transmission overs and unders account balance (\$'000)

| | FY20 Actual (\$'000) | FY22 Expected (\$'000) | FY23 Forecast (\$'000) |
|--|----------------------------|------------------------------|------------------------------|
| (A) Revenue from designated pricing proposal charges (DPPC) | 178,379 | 194,823 | 205,830 |
| (B) Less DPPC related payments for regulatory year = | 174,420 | 196,870 | 201,015 |
| + DPPC charges to be paid to TNSP | 172,389 | 194,423 | 198,569 |
| + Avoided TUOS/DPPC payments | 2,031 | 2,447 | 2,447 |
| | | | |
| (A – B) Under/over recovery of revenue for regulatory year | 3,959 | -2,047 | 4,814 |
| | | | |
| <i>DPPC unders and overs account</i> | | | |
| Nominal WACC (per cent) | 4.89% | 3.64% | 6.21% |
| Opening balance | -6,246 | -2,496 | -4,672 |
| Interest on opening balance | -305 | -91 | -290 |
| Under/over recovery of revenue for regulatory year | 3,959 | -2,047 | 4,814 |
| Interest on under/over recovery for regulatory year | 96 | -37 | 147 |
| Closing balance | -2,496 | -4,672 | 0 |

Climate Change Fund

On 4 February 2022, the NSW Government provided Endeavour Energy with advice that the Climate Change Fund contribution amount will increase to \$89m in FY23. Consistent with NSW Government direction in previous years, Endeavour Energy has assumed that no more than 25% of the Climate Change Fund contribution can be recovered from residential tariffs.

Climate Change Fund Recovery Tariff Setting Methodology

Climate Change Fund recovery tariffs have been in place since 1 July 2005 and are levied on the energy (kWh) based charging parameter of tariffs only. Existing tariffs are annually adjusted such that the weighted average price change for the climate change fund recovery portion of network price is evenly applied to all tariffs to achieve the required annual contribution amount (subject to the 25% cap placed by the NSW Government on residential tariff contributions to the fund).

Endeavour Energy does not recover a contribution to the climate change fund from:

- controlled load tariffs as customers contribute to the fund through their primary tariff; or
- inter-distributor transfer tariffs as customers contribute to the fund through the tariffs offered by the destination distributor.

Climate Change Fund overs and unders account balance

The table below provides the forecast FY23 balance of Endeavour Energy's climate change fund overs and unders account.

Table 7.9 – Climate Change Fund overs and unders account balance (\$'000)

| | FY20 Actual (\$'000) | FY22 Estimate (\$'000) | FY23 Forecast (\$'000) |
|---|----------------------------|------------------------------|------------------------------|
| (A) Revenue from jurisdictional schemes | 90,729 | 86,016 | 90,364 |
| (B) Jurisdictional scheme payments for regulatory year = | 85,380 | 86,613 | 89,031 |
| + Climate change fund | 85,380 | 86,613 | 89,031 |
| | | | |
| (A – B) Under/over recovery of revenue for regulatory year | 5,349 | -597 | 1,333 |
| | | | |
| Jurisdictional scheme amount unders and overs account | | | |
| Nominal WACC (per cent) | 4.89% | 3.64% | 6.21% |
| Opening balance | -5,854 | -662 | -1,294 |
| Interest on opening balance | -286 | -24 | -80 |
| Under/over recovery of revenue for regulatory year | 5,349 | -597 | 1,333 |
| Interest on under/over recovery for regulatory year | 129 | -11 | 41 |
| Closing balance | -662 | -1,294 | 0 |



Glossary

Appendix 1





| Term | Definition |
|------------------|---------------------------------------|
| AEMC | Australian Energy Market Commission |
| AER | Australian Energy Regulator |
| AIC | Average incremental cost |
| ASP | Accredited service provider |
| BT | Block tariff |
| CCF | Climate Change Fund |
| DBT | Declining block tariff |
| DNSP | Distribution network service provider |
| DUOS | Distribution Use of System |
| GWh | Gigawatt hour |
| HV | High voltage |
| kV | Kilovolt |
| kVA | Kilovolt-ampere |
| kW | Kilowatt |
| kWh | Kilowatt hour |
| LRMC | Long run marginal cost |
| LV | Low voltage |
| NEM | National Electricity Market |
| NER or the Rules | National Electricity Rules |
| NUOS | Network Use of System |
| MVA | Megavolt-ampere |
| MW | Megawatt |
| MWh | Megawatt hour |
| SBS | NSW Solar Bonus Scheme |
| ST | Subtransmission voltage |
| TCR | Transmission Cost Recovery Tariff |
| TOU | Time of use |
| TSS | Tariff structure statement |



Compliance checklist

Appendix 2





This section sets out the relevant Rule requirements and the section in which those requirements have been met within this document.

| Rule | Requirement | Relevant Section |
|---|--|--------------------------|
| Part I: Distribution Pricing Rules | | |
| 6.18.2 | Pricing proposals | |
| 6.18.2(b) | A Pricing Proposal must: | |
| 6.18.2(b)(2) | Set out the proposed tariffs for each tariff class that is specified in the Distribution Network Service Provider's tariff structure statement for the relevant regulatory control period. | Chapter 5 & Appendix A3 |
| 6.18.2(b)(3) | Set out, for each proposed tariff, the charging parameters and the elements of service to which each charging parameter relates. | Chapter 3 |
| 6.18.2(b)(4) | Set out, for each tariff class related to standard control services, the expected weighted average revenue for the relevant regulatory year and also for the current regulatory year | Chapter 7 & Attachment A |
| 6.18.2(b)(5) | Set out the nature of any variation or adjustment to the tariff that could occur during the course of the regulatory year and the basis on which it could occur | Chapter 5 |
| 6.18.2(b)(6) | Set out how designated pricing proposal charges are to be passed on to customers and any adjustments to tariffs resulting from over or under recovery of those charges in the previous regulatory year | Chapter 7 & Attachment A |
| 6.18.2(b)(6A) | Set out how jurisdictional scheme amounts for each approved jurisdictional scheme are to be passed on to customers and any adjustments to tariffs resulting from over or under recovery of those amounts | Chapter 7 & Attachment A |
| 6.18.2(b)(7) | Demonstrate compliance with the Rules and any applicable distribution determination, including the Distribution Network Service Provider's tariff structure statement for the relevant regulatory control period | This Pricing Proposal |
| 6.18.2(b)(7A) | Demonstrate how each proposed tariff is consistent with the corresponding indicative pricing levels for the relevant regulatory year as set out in the relevant indicative pricing schedule, or explain any material differences between them | Chapter 5 |
| 6.18.2(b)(8) | Describe the nature and extent of change from the previous regulatory year and demonstrate that the changes comply with the Rules and any applicable distribution determination | Chapters 5 & 6 |
| 6.18.2(c) | The AER must on receipt of a pricing proposal from a Distribution Network Service Provider publish the proposal. | Noted |
| 6.18.2(d) | At the same time as a Distribution Network Service Provider submits a pricing proposal under paragraph (a), the Distribution Network Service Provider must submit to the AER a revised indicative pricing schedule which sets out, for each tariff and for each of the remaining regulatory years of the regulatory control period, the indicative price levels determined in accordance with the Distribution Network Service Provider's tariff structure | Attachments A and D |

| Rule | Requirement | Relevant Section |
|---------------|--|-----------------------------|
| | statement for that regulatory control period and updated so as to take into account that pricing proposal. | |
| 6.18.2(e) | Where the Distribution Network Service Provider submits an annual pricing proposal, the revised indicative pricing schedule referred to in paragraph (d) must also set out, for each relevant tariff under clause 6.18.1C, the indicative price levels for that relevant tariff for each of the remaining regulatory years of the regulatory control period, updated so as to take into account that pricing proposal. | Attachments A and D |
| 6.18.5 | Pricing Principles | |
| 6.18.5(e) | For each tariff class, the revenue expected to be recovered must lie on or between: | |
| 6.18.5(e)(1) | An upper bound representing the stand alone cost of serving the retail customers who belong to that class; and | Chapter 7, Attachment A & B |
| 6.18.5(e)(2) | A lower bound representing the avoidable cost of not serving those retail customers. | Chapter 7, Attachment A & B |
| 6.18.5(f) | Each tariff must be based on the long run marginal cost of providing the service to which it relates to the retail customers assigned to that tariff with the method of calculating such cost and the manner in which that method is applied to be determined having regard to: | Attachment B |
| 6.18.5(f)(1) | The costs and benefits associated with calculating, implementing and applying that method as proposed; | Chapter 4 |
| 6.18.5(f)(2) | The additional costs likely to be associated with meeting demand from retail customers that are assigned to that tariff at times of greatest utilisation of the relevant part of the distribution network; and | Chapter 4 |
| 6.18.5(f)(3) | The location of retail customers that are assigned to that tariff and the extent to which costs vary between different locations in the distribution network. | Chapter 4 |
| 6.18.5(g) | The revenue expected to be recovered from each tariff must: | |
| 6.18.5(g)(1) | Reflect the <i>Distribution Network Service Provider's</i> total efficient costs of serving the <i>retail customers</i> that are assigned to that tariff; | Chapter 7 |
| 6.18.5(g)(2) | When summed with the revenue expected to be received from All other tariffs, permit the <i>Distribution Network Service Provider</i> to recover the expected revenue for the relevant services in accordance with the applicable distribution determination for the <i>Distribution Network Service Provider</i> ; and | Chapter 7 |
| 6.18.5(g)(3) | Comply with sub-paragraphs (1) and (2) in a way that minimises distortions to the price signals for efficient usage that would result from tariffs that comply with the pricing principle set out in paragraph (f). | Chapter 4 & 7 |
| 6.18.5(h) | A <i>Distribution Network Service Provider</i> must consider the impact on <i>retail customers</i> of changes in tariffs from the previous | Chapter 6 |



| Rule | Requirement | Relevant Section |
|--------------|---|------------------|
| | <i>regulatory year</i> and may vary tariffs from those that comply with paragraphs (e) to (g) to the extent the <i>Distribution Network Service Provider</i> considers reasonably necessary having regard to: | |
| 6.18.5(h)(1) | the desirability for tariffs to comply with the pricing principles referred to in paragraphs (f) and (g), albeit after a reasonable period of transition (which may extend over more than one <i>regulatory control period</i>); | Chapter 6 |
| 6.18.5(h)(2) | the extent to which <i>retail customers</i> can choose the tariff to which they are assigned; and | Chapters 2 & 3 |
| 6.18.5(h)(3) | the extent to which <i>retail customers</i> are able to mitigate the impact of changes in tariffs through their usage decisions. | Chapters 2 & 3 |



Proposed network tariffs

Appendix 3



Endeavour Energy's network use of system (NUOS) tariffs represent the aggregation of distribution use of system (DUOS) tariffs, climate change fund (CCF) recovery tariffs and transmission cost recovery (TCR) tariffs. The tariffs are exclusive of GST.

Table A3.1: Proposed FY23 Network Pricing (NUOS) - Exclusive of GST

| Tariff type | Fixed (c/day) | Single and TOU Consumption (c/kWh) | | | | Step Consumption (c/kWh) | | Demand (c/kVA or kW/day) | |
|-----------------------------------|---------------|------------------------------------|-------------------------|----------------------------|----------|--------------------------|---------|--------------------------|------------|
| | Daily | Non-TOU | High Season Peak / Peak | Low Season Peak / Shoulder | Off Peak | Step 1 / Anytime | Step 2 | High Season | Low Season |
| Residential Energy | 43.73 | | | | | 8.4180 | | | |
| Residential TOU (Obsolete) | 44.11 | | 14.5118 | 9.9883 | 9.5014 | | | | |
| Residential Seasonal TOU | 44.11 | | 20.0116 | 10.8094 | 6.8217 | | | | |
| Residential Demand | 44.11 | | | | | 5.0275 | | 15.8400 | 5.8800 |
| Residential Demand (Transitional) | 44.11 | | | | | 6.4583 | | 8.1600 | 3.0000 |
| General Supply (GS) Energy | 62.59 | | | | | 8.8705 | 10.3335 | | |
| GS TOU (Obsolete) | 63.17 | | 14.1024 | 9.5789 | 9.0920 | | | | |
| GS Seasonal TOU | 63.17 | | 20.7287 | 11.5265 | 7.5388 | | | | |
| GS Demand | 63.17 | | | | | 6.6466 | | 21.0000 | 7.3200 |
| GS Demand (Transitional) | 63.17 | | | | | 7.4783 | | 10.2000 | 3.6000 |
| Controlled Load 1 | 4.46 | 1.9273 | | | | | | | |
| Controlled Load 2 | 4.46 | 3.9710 | | | | | | | |
| LV TOU Demand | 2,864.00 | | 4.2883 | 3.6717 | 2.1951 | | | 34.3685 | 29.0885 |
| LV TOU Demand Transition | 2,864.00 | | 12.5827 | 9.4997 | 3.3333 | | | | |
| HV TOU Demand | 4,931.00 | | 1.7158 | 1.6616 | 1.5340 | | | 34.0345 | 33.5545 |
| ST TOU Demand | 7,739.00 | | 1.4492 | 1.3993 | 1.2802 | | | 30.0900 | 29.7300 |
| Unmetered Energy | 0.00 | | | | | 9.1672 | | | |
| Unmetered Street Lighting | 0.00 | 8.3770 | | | | | | | |
| Unmetered Traffic Lights | 0.00 | 9.1672 | | | | | | | |
| Unmetered Night Watch | 0.00 | 8.1670 | | | | | | | |

Table A3.2: Proposed FY23 Network Pricing (DUOS) - Exclusive of GST

| Tariff type | Fixed (c/day) | Single and TOU Consumption (c/kWh) | | | | Step Consumption (c/kWh) | | Demand (c/kVA or kW/day) | |
|-----------------------------------|---------------|------------------------------------|-------------------------|----------------------------|----------|--------------------------|--------|--------------------------|------------|
| | Daily | Non-TOU | High Season Peak / Peak | Low Season Peak / Shoulder | Off Peak | Step 1 / Anytime | Step 2 | High Season | Low Season |
| Residential Energy | 43.73 | | | | | 6.6045 | | | |
| Residential TOU (Obsolete) | 44.11 | | 12.6983 | 8.1748 | 7.6879 | | | | |
| Residential Seasonal TOU | 44.11 | | 18.1981 | 8.9959 | 5.0082 | | | | |
| Residential Demand | 44.11 | | | | | 3.2140 | | 15.8400 | 5.8800 |
| Residential Demand (Transitional) | 44.11 | | | | | 4.6448 | | 8.1600 | 3.0000 |
| General Supply (GS) Energy | 62.59 | | | | | 6.2719 | 7.7349 | | |
| GS TOU (Obsolete) | 63.17 | | 11.5038 | 6.9803 | 6.4934 | | | | |
| GS Seasonal TOU | 63.17 | | 18.1301 | 8.9279 | 4.9402 | | | | |
| GS Demand | 63.17 | | | | | 4.0480 | | 21.0000 | 7.3200 |
| GS Demand (Transitional) | 63.17 | | | | | 4.8797 | | 10.2000 | 3.6000 |
| Controlled Load 1 | 4.46 | 1.2946 | | | | | | | |
| Controlled Load 2 | 4.46 | 2.8638 | | | | | | | |
| LV TOU Demand | 2,864.00 | | 2.6853 | 2.0687 | 0.5921 | | | 28.2000 | 22.9200 |
| LV TOU Demand Transition | 2,864.00 | | 10.4684 | 7.3854 | 1.2190 | | | | |
| HV TOU Demand | 4,931.00 | | 0.4180 | 0.3638 | 0.2362 | | | 27.7200 | 27.2400 |
| ST TOU Demand | 7,739.00 | | 0.2976 | 0.2477 | 0.1286 | | | 23.5200 | 23.1600 |
| Unmetered Energy | 0.00 | | | | | 6.5686 | | | |
| Unmetered Street Lighting | 0.00 | 6.0456 | | | | | | | |
| Unmetered Traffic Lights | 0.00 | 6.5686 | | | | | | | |
| Unmetered Night Watch | 0.00 | 5.8356 | | | | | | | |

Table A3.3: Proposed FY23 Network Pricing (TCR) - Exclusive of GST

| Tariff type | Fixed (c/day) | Single and TOU Consumption (c/kWh) | | | | Step Consumption (c/kWh) | | Demand (c/kVA or kW/day) | |
|-----------------------------------|---------------|------------------------------------|-------------------------|----------------------------|----------|--------------------------|--------|--------------------------|------------|
| | Daily | Non-TOU | High Season Peak / Peak | Low Season Peak / Shoulder | Off Peak | Step 1 / Anytime | Step 2 | High Season | Low Season |
| Residential Energy | 0.00 | | | | | 1.3744 | | | |
| Residential TOU (Obsolete) | 0.00 | | 1.3744 | 1.3744 | 1.3744 | | | | |
| Residential Seasonal TOU | 0.00 | | 1.3744 | 1.3744 | 1.3744 | | | | |
| Residential Demand | 0.00 | | | | | 1.3744 | | 0.0000 | 0.0000 |
| Residential Demand (Transitional) | 0.00 | | | | | 1.3744 | | 0.0000 | 0.0000 |
| General Supply (GS) Energy | 0.00 | | | | | 1.3744 | 1.3744 | | |
| GS TOU (Obsolete) | 0.00 | | 1.3744 | 1.3744 | 1.3744 | | | | |
| GS Seasonal TOU | 0.00 | | 1.3744 | 1.3744 | 1.3744 | | | | |
| GS Demand | 0.00 | | | | | 1.3744 | | 0.0000 | 0.0000 |
| GS Demand (Transitional) | 0.00 | | | | | 1.3744 | | 0.0000 | 0.0000 |
| Controlled Load 1 | 0.00 | 0.6327 | | | | | | | |
| Controlled Load 2 | 0.00 | 1.1072 | | | | | | | |
| LV TOU Demand | 0.00 | | 0.7749 | 0.7749 | 0.7749 | | | 6.1685 | 6.1685 |
| LV TOU Demand Transition | 0.00 | | 1.2748 | 1.2748 | 1.2748 | | | | |
| HV TOU Demand | 0.00 | | 0.7013 | 0.7013 | 0.7013 | | | 6.3145 | 6.3145 |
| ST TOU Demand | 0.00 | | 0.7045 | 0.7045 | 0.7045 | | | 6.5700 | 6.5700 |
| Unmetered Energy | 0.00 | | | | | 1.3744 | | | |
| Unmetered Street Lighting | 0.00 | 1.1072 | | | | | | | |
| Unmetered Traffic Lights | 0.00 | 1.3744 | | | | | | | |
| Unmetered Night Watch | 0.00 | 1.1072 | | | | | | | |

Table A3.4: Proposed FY23 Network Pricing (CCF) - Exclusive of GST

| Tariff type | Fixed (c/day) | Single and TOU Consumption (c/kWh) | | | | Step Consumption (c/kWh) | | Demand (c/kVA or kW/day) | |
|-----------------------------------|---------------|------------------------------------|-------------------------|----------------------------|----------|--------------------------|--------|--------------------------|------------|
| | Daily | Non-TOU | High Season Peak / Peak | Low Season Peak / Shoulder | Off Peak | Step 1 / Anytime | Step 2 | High Season | Low Season |
| Residential Energy | 0.00 | | | | | 0.4391 | | | |
| Residential TOU (Obsolete) | 0.00 | | 0.4391 | 0.4391 | 0.4391 | | | | |
| Residential Seasonal TOU | 0.00 | | 0.4391 | 0.4391 | 0.4391 | | | | |
| Residential Demand | 0.00 | | | | | 0.4391 | | 0.0000 | 0.0000 |
| Residential Demand (Transitional) | 0.00 | | | | | 0.4391 | | 0.0000 | 0.0000 |
| General Supply (GS) Energy | 0.00 | | | | | 1.2242 | 1.2242 | | |
| GS TOU (Obsolete) | 0.00 | | 1.2242 | 1.2242 | 1.2242 | | | | |
| GS Seasonal TOU | 0.00 | | 1.2242 | 1.2242 | 1.2242 | | | | |
| GS Demand | 0.00 | | | | | 1.2242 | | 0.0000 | 0.0000 |
| GS Demand (Transitional) | 0.00 | | | | | 1.2242 | | 0.0000 | 0.0000 |
| Controlled Load 1 | 0.00 | 0.0000 | | | | | | | |
| Controlled Load 2 | 0.00 | 0.0000 | | | | | | | |
| LV TOU Demand | 0.00 | | 0.8281 | 0.8281 | 0.8281 | | | 0.0000 | 0.0000 |
| LV TOU Demand Transition | 0.00 | | 0.8395 | 0.8395 | 0.8395 | | | | |
| HV TOU Demand | 0.00 | | 0.5965 | 0.5965 | 0.5965 | | | 0.0000 | 0.0000 |
| ST TOU Demand | 0.00 | | 0.4471 | 0.4471 | 0.4471 | | | 0.0000 | 0.0000 |
| Unmetered Energy | 0.00 | | | | | 1.2242 | | | |
| Unmetered Street Lighting | 0.00 | 1.2242 | | | | | | | |
| Unmetered Traffic Lights | 0.00 | 1.2242 | | | | | | | |
| Unmetered Night Watch | 0.00 | 1.2242 | | | | | | | |

Table A3.5: Tariff Codes relating to Tariff Type

| Tariff Type | Tariff Codes |
|--|---|
| Residential Energy | N70 , NS70 , NG70 , NFTG , NFTH , NFT9 , NFT0 |
| Residential Seasonal TOU | N71 |
| Residential Demand | N72 |
| Residential Demand (Transitional) | N73 |
| Residential TOU (Obsolete)* | N705 , N706 , NS75 , NG75 , NS76 , NG76 , NFTP , NFTQ , NFT7 , NFT8 |
| General Supply (GS) Energy | N90 , NS90 , NG90 , NFTJ , NFTK , NFTA , NFTB |
| GS Seasonal TOU | N91 |
| GS Demand | N92 |
| GS Demand (Transitional) | N93 |
| GS TOU (Obsolete)* | N84 , N845 , NS84 , NG84 , NS85 , NG85 , NFTL , NFTM , NFT5 , NFT6 |
| Controlled Load 1 | N50 |
| Controlled Load 2 | N54 |
| LV TOU Demand | N19 , NS19 |
| LV TOU Demand Transition | N89 , NS89 |
| HV TOU Demand | N29 , NS29 |
| ST TOU Demand | N39 , NS39 |
| Unmetered Energy | N99 |
| Unmetered Street Lighting | ENSL |
| Unmetered Traffic Lights | ENTL |
| Unmetered Night Watch | ENNW |
| Residential Energy + Controlled Load 1 | NC01 , NFTC |
| Residential Energy + Controlled Load 2 | NC02 , NFTD |
| GS Energy + Controlled Load 1 | NC03 , NFTE |
| GS Energy + Controlled Load 2 | NC04 , NFTF |

* The Residential and General Supply TOU (Obsolete) tariffs continue under the pre-1 July 2019 time of use definitions of 'Peak', 'Shoulder' and 'Off-Peak'. From 1 July 2019 all other tariff will operate under the new time of day definitions of 'High Season Peak', 'Low Season Peak' and 'Off Peak'. Some of the above tariffs codes include generated energy (credit) rate components¹⁴ in addition to the charging parameters. Endeavour Energy may need to introduce new tariff codes for billing purposes. Any new tariff codes introduced will comply with the tariff structures outlined in our Tariff Structure Statement and the price level for NUOS services will equate to the tariff type under which the new tariff code has been created.

¹⁴ This tariff component is in place solely to ensure that a customer's generation is measured and forwarded to the retailer for their billing purposes. The network "credit" is zero.



Proposed ACS fees & charges

Appendix 4



Ancillary Network Service (ANS) Charges

The proposed ANS charges for FY23 are as follows:

Table A4.1: Proposed ANS Charges

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|----------------------------------|--|-------------|----------------------------|
| Ancillary Services | Access permits, oversight and facilitation | Access Permits | All Other - Asset Relocation - Per access authorisation (AA) or authority to work (ATW) | Fee | \$2,567.77 |
| Ancillary Services | Access permits, oversight and facilitation | Access Permits | All Other - Industrial & Commercial - Per access authorisation (AA) or authority to work (ATW) | Fee | \$2,567.77 |
| Ancillary Services | Access permits, oversight and facilitation | Access Permits | All Other - Non Urban - Per access authorisation (AA) or authority to work (ATW) | Fee | \$2,567.77 |
| Ancillary Services | Access permits, oversight and facilitation | Access Permits | All Other - Public Lighting - Per access authorisation (AA) or authority to work (ATW) | Fee | \$2,567.77 |
| Ancillary Services | Access permits, oversight and facilitation | Access Permits | All Other - URD - Per access authorisation (AA) or authority to work (ATW) | Fee | \$2,567.77 |
| Ancillary Services | Access permits, oversight and facilitation | Access Permits | Subdivision - URD - Per Lot | Fee | \$59.30 |
| Ancillary Services | Access permits, oversight and facilitation | Clearance to Work | Clearance to Work | Fee | \$2,534.87 |
| Ancillary Services | Access permits, oversight and facilitation | Customer Interface co-ordination | Customer Interface co-ordination for contestable works | Quote | \$215.60 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--|--|-------------|----------------------------|
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Break & remake HV bonds - Each additional set | Fee | \$2,063.96 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Break & remake HV bonds - One set | Fee | \$3,710.71 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Break & remake LV bonds - Each additional set | Fee | \$1,089.69 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Break & remake LV bonds - One set | Fee | \$2,300.78 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Connect & disconnect generator to a padmount / indoor substation - Each additional gen | Fee | \$997.35 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Connect & disconnect generator to a padmount / indoor substation - One generator | Fee | \$2,208.43 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Connect & disconnect generator to LV OH mains - Each additional generator | Fee | \$997.35 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Connect & disconnect generator to LV OH mains - One generator | Fee | \$2,208.43 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Install & remove HV live line links - Each additional set | Fee | \$3,079.89 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Install & remove HV live line links - One set | Fee | \$4,795.90 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--|--|-------------|----------------------------|
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Install & remove LV live line links - Each additional set | Fee | \$1,057.89 |
| Ancillary Services | Access permits, oversight and facilitation | Access permits, oversight and facilitation | Install & remove LV live line links - One set | Fee | \$2,268.98 |
| Ancillary Services | Access permits, oversight and facilitation | Provision of Access Fee (Standby) | Normal Time - 1 x Visit - Open / Close - 1 hour - Per Job | Fee | \$166.22 |
| Ancillary Services | Access permits, oversight and facilitation | Provision of Access Fee (Standby) | Normal Time - 1 x Visit - Open / Isolate & CSO to close - 1 hour - Per Job | Fee | \$338.70 |
| Ancillary Services | Access permits, oversight and facilitation | Provision of Access Fee (Standby) | Normal Time - 2 x Visit - Open / Close & no isolation - 2 hours - Per Job | Fee | \$332.45 |
| Ancillary Services | Access permits, oversight and facilitation | Provision of Access Fee (Standby) | Normal Time - 2 x Visit - Open / Isolate / Close - 2 hours - Per Job | Fee | \$677.41 |
| Ancillary Services | Access permits, oversight and facilitation | Provision of Access Fee (Standby) | Overtime - 1 x Visit - Open / Close - 1 hour - Per Job | Fee | \$290.90 |
| Ancillary Services | Access permits, oversight and facilitation | Provision of Access Fee (Standby) | Overtime - 1 x Visit - Open / Isolate & CSO to close - 1 hour - Per Job | Fee | \$592.73 |
| Ancillary Services | Access permits, oversight and facilitation | Provision of Access Fee (Standby) | Overtime - 2 x Visit - Open / Close & no isolation - 2 hours - Per Job | Fee | \$581.79 |
| Ancillary Services | Access permits, oversight and facilitation | Provision of Access Fee (Standby) | Overtime - 2 x Visit - Open / Isolate / Close - 2 hours - Per Job | Fee | \$1,185.46 |
| Ancillary Services | Authorisation of ASPs | Authorisation | Authorisation - New | Fee | \$492.37 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|---|--------------------|---|-------------|----------------------------|
| Ancillary Services | Authorisation of ASPs | Authorisation | Authorisation - Renewal | Fee | \$442.51 |
| Ancillary Services | Connection application related services | Administration Fee | Connection of Load - Industrial & Commercial - Per Hour | Quote | \$114.07 |
| Ancillary Services | Connection application related services | Administration Fee | Connection of Load - Non Urban - Overhead - 11+ poles | Fee | \$912.49 |
| Ancillary Services | Connection application related services | Administration Fee | Connection of Load - Non Urban - Overhead - 1-5 poles | Fee | \$456.24 |
| Ancillary Services | Connection application related services | Administration Fee | Connection of Load - Non Urban - Overhead - 6-10 poles | Fee | \$684.36 |
| Ancillary Services | Connection application related services | Administration Fee | Connection of Load - Non Urban - Underground - Per Hour | Quote | \$114.07 |
| Ancillary Services | Connection application related services | Administration Fee | Connection of Load - URD - Per Hour | Quote | \$114.07 |
| Ancillary Services | Connection application related services | Administration Fee | Other - Asset Relocation - Per Hour | Quote | \$114.07 |
| Ancillary Services | Connection application related services | Administration Fee | Other - Public Lighting - Per Hour | Quote | \$114.07 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - Industrial & Commercial - Per Hour | Quote | \$114.07 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - Non Urban - Overhead - 11+ poles | Fee | \$1,026.55 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - Non Urban - Overhead - 1-5 poles | Fee | \$456.24 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|---|---------------------------|--|-------------|----------------------------|
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - Non Urban - Overhead - 6-10 poles | Fee | \$570.31 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - Non Urban - Underground - 11-40 lots | Fee | \$570.31 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - Non Urban - Underground - 1-5 lots | Fee | \$342.18 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - Non Urban - Underground - 41+ lots | Fee | \$684.36 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - Non Urban - Underground - 6-10 lots | Fee | \$456.24 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - URD - Underground - 11-40 lots | Fee | \$798.43 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - URD - Underground - 1-5 lots | Fee | \$456.24 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - URD - Underground - 41+ lots | Fee | \$912.49 |
| Ancillary Services | Connection application related services | Administration Fee | Subdivision - URD - Underground - 6-10 lots | Fee | \$570.31 |
| Ancillary Services | Contestable network commissioning and decommissioning | Substation Commission Fee | All Other - Asset Relocation - Per Substation | Fee | \$2,098.93 |
| Ancillary Services | Contestable network commissioning and decommissioning | Substation Commission Fee | All Other - Industrial & Commercial - Per Substation | Fee | \$2,098.93 |
| Ancillary Services | Contestable network | Substation Commission Fee | All Other - Non Urban - Per Substation | Fee | \$2,098.93 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|---|---|---|-------------|----------------------------|
| | commissioning and decommissioning | | | | |
| Ancillary Services | Contestable network commissioning and decommissioning | Substation Commission Fee | All Other - Public Lighting - Per Substation | Fee | \$2,098.93 |
| Ancillary Services | Contestable network commissioning and decommissioning | Substation Commission Fee | All Other - URD - Per Substation | Fee | \$2,098.93 |
| Ancillary Services | Contestable network commissioning and decommissioning | Substation Commission Fee | Subdivision - URD - Per Lot | Fee | \$72.38 |
| Ancillary Services | Customer initiated asset relocations | Customer initiated Asset Relocations - network safety | Customer initiated Asset Relocations - network safety | Quote | \$170.53 |
| Ancillary Services | Design related services | Design Certification Fee | Asset Relocation - Designer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Asset Relocation - Engineer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Indoor Substation - Per Hour | Fee | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Industrial & Commercial - <= 200A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Industrial & Commercial - <= 700A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Industrial & Commercial - > 700A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Industrial & Commercial - HV Customer | Quote | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|-------------------------|--------------------------|---|-------------|----------------------------|
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Industrial & Commercial - Transmission | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Multi-Dwelling - <= 20 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Multi-Dwelling - <= 40 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Multi-Dwelling - <= 5 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Multi-Dwelling - > 40 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Non Urban - Overhead - 11+ poles | Fee | \$862.39 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Non Urban - Overhead - 1-5 poles | Fee | \$344.96 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Non Urban - Overhead - 6-10 poles | Fee | \$517.44 |
| Ancillary Services | Design related services | Design Certification Fee | Connection of Load - Non Urban - Underground - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Public Lighting - Designer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Public Lighting - Engineer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Industrial & Commercial - | Fee | \$862.39 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|-------------------------|--------------------------|--|-------------|----------------------------|
| | | | Overhead - 11+ poles | | |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Industrial & Commercial - Overhead - 1-5 poles | Fee | \$344.96 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Industrial & Commercial - Overhead - 6-10 poles | Fee | \$517.44 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Industrial & Commercial - Underground - 1-10 lots | Fee | \$517.44 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Industrial & Commercial - Underground - 11-40 lots | Fee | \$689.92 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Industrial & Commercial - Underground - 41 + lots | Fee | \$1,034.86 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Non Urban - Overhead - 11+ poles | Fee | \$862.39 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Non Urban - Overhead - 1-5 poles | Fee | \$344.96 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Non Urban - Overhead - 6-10 poles | Fee | \$517.44 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Non Urban - Underground - 11-40 lots | Fee | \$689.92 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Non Urban - Underground - 1-5 lots | Fee | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|-------------------------|--------------------------|---|-------------|----------------------------|
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Non Urban - Underground - 41+ lots | Fee | \$689.92 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - Non Urban - Underground - 6-10 lots | Fee | \$517.44 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - URD - Underground - 11-40 lots | Fee | \$862.39 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - URD - Underground - 1-5 lots | Fee | \$344.96 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - URD - Underground - 41+ lots | Fee | \$1,034.86 |
| Ancillary Services | Design related services | Design Certification Fee | Subdivision - URD - Underground - 6-10 lots | Fee | \$517.44 |
| Ancillary Services | Design related services | Design Information Fee | Asset Relocation - Designer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Asset Relocation - Engineer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Industrial & Commercial - <= 200A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Industrial & Commercial - <= 700A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Industrial & Commercial - > 700A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Industrial | Quote | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|-------------------------|------------------------|---|-------------|----------------------------|
| | | | & Commercial - HV Customer | | |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Industrial & Commercial - Transmission | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Multi-Dwelling - <= 20 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Multi-Dwelling - <= 40 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Multi-Dwelling - <= 5 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Multi-Dwelling - > 40 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - I&C - <= 200A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - I&C - <= 700A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - I&C - > 700A/Phase (LV) | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - I&C - HV Customer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - I&C - Transmission | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - Multi- | Quote | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|-------------------------|------------------------|--|-------------|----------------------------|
| | | | Dwelling - <= 20 units | | |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - Multi-Dwelling - <= 40 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - Multi-Dwelling - <= 5 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - Multi-Dwelling - > 40 units | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Connection of Load - Non Urban - Single Residential - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Public Lighting - Designer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Public Lighting - Engineer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Subdivision - Industrial & Commercial - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Subdivision - Non Urban - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Information Fee | Subdivision - URD - Underground - 11-40 lots | Fee | \$1,207.34 |
| Ancillary Services | Design related services | Design Information Fee | Subdivision - URD - Underground - 1-5 lots | Fee | \$517.44 |
| Ancillary Services | Design related services | Design Information Fee | Subdivision - URD - Underground - 41+ lots | Fee | \$1,552.30 |
| Ancillary Services | Design related services | Design Information Fee | Subdivision - URD - | Fee | \$689.92 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|---|-------------|----------------------------|
| | | | Underground - 6-10 lots | | |
| Ancillary Services | Design related services | Design Re-certification Fee | Asset Relocation - Designer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Asset Relocation - Engineer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Connection of Load - Industrial & Commercial - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Connection of Load - Non Urban - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Connection of Load - URD - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Public Lighting - Designer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Public Lighting - Engineer | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Subdivision - Industrial & Commercial - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Subdivision - Non Urban - Per Hour | Quote | \$172.48 |
| Ancillary Services | Design related services | Design Re-certification Fee | Subdivision - URD - Per Hour | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Asset Relocation - Asset Relocation - Underground - Per Hour (Engineer) + travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Asset Relocation - Asset Relocation - Underground - Per Hour | Quote | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|---|-------------|----------------------------|
| | | | (Inspector) + travel time | | |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (1 - 5) - Grade A | Fee | \$103.49 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (1 - 5) - Grade B | Fee | \$198.35 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (1 - 5) - Grade C | Fee | \$379.45 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (11+) - Grade A | Fee | \$68.99 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (11+) - Grade B | Fee | \$120.73 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (11+) - Grade C | Fee | \$258.71 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (6 - 10) - Grade A | Fee | \$86.23 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (6 - 10) - Grade B | Fee | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|---|-------------|----------------------------|
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole (6 - 10) - Grade C | Fee | \$343.24 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole Sub - Grade A | Fee | \$603.67 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole Sub - Grade B | Fee | \$1,207.34 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Overhead - Per Pole Sub - Grade C | Fee | \$1,517.80 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Underground - Per Hour (Engineer) + travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Industrial & Commercial - Underground - Per Hour (Inspector) + travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (1 - 5) - Grade A | Fee | \$103.49 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (1 - 5) - Grade B | Fee | \$206.97 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|---|-------------|----------------------------|
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (1 - 5) - Grade C | Fee | \$379.45 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (11 +) - Grade A | Fee | \$68.99 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (11 +) - Grade B | Fee | \$120.73 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (11 +) - Grade C | Fee | \$258.71 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (6 - 10) - Grade A | Fee | \$86.23 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (6 - 10) - Grade B | Fee | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole (6 - 10) - Grade C | Fee | \$343.24 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole Sub - Grade A | Fee | \$586.42 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|--|-------------|----------------------------|
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole Sub - Grade B | Fee | \$1,207.34 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Overhead - Per Pole Sub - Grade C | Fee | \$1,466.06 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Underground - Per hour (Engineer) + travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - Non Urban - Underground - Per hour (Inspector) + travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - URD - Underground - Per hour (Engineer) + travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Connection of Load - URD - Underground - Per hour (Inspector) + travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Public Lighting - Public Lighting - Underground - Per Hour (Engineer) + travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Public Lighting - Public Lighting - Underground - Per Hour (Inspector) + travel time | Quote | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|--|-------------|----------------------------|
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (1 - 5) - Grade A | Fee | \$103.49 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (1 - 5) - Grade B | Fee | \$189.72 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (1 - 5) - Grade C | Fee | \$379.45 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (11 +) - Grade A | Fee | \$68.99 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (11 +) - Grade B | Fee | \$120.73 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (11 +) - Grade C | Fee | \$258.71 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (6 - 10) - Grade A | Fee | \$86.23 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (6 - 10) - Grade B | Fee | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|---|-------------|----------------------------|
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole (6 - 10) - Grade C | Fee | \$343.24 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole Sub - Grade A | Fee | \$603.67 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole Sub - Grade B | Fee | \$1,207.34 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Overhead - Per Pole Sub - Grade C | Fee | \$1,517.80 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (1 - 10) - Grade A | Fee | \$86.23 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (1 - 10) - Grade B | Fee | \$206.97 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (1 - 10) - Grade C | Fee | \$431.19 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (11 - 50) - Grade A | Fee | \$86.23 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|---|-------------|----------------------------|
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (11 - 50) - Grade B | Fee | \$206.97 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (11 - 50) - Grade C | Fee | \$431.19 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (51+) - Grade A | Fee | \$86.23 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (51+) - Grade B | Fee | \$206.97 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Industrial & Commercial - Underground - Per Lot (51+) - Grade C | Fee | \$431.19 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole (1 - 5) - Grade A | Fee | \$103.49 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole (1 - 5) - Grade B | Fee | \$206.97 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole (1 - 5) - Grade C | Fee | \$344.96 |
| Ancillary Services | Inspection services – Private electrical installations and | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per | Fee | \$68.99 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|--|-------------|----------------------------|
| | accredited service providers (ASPs) | | Pole (11 +) - Grade A | | |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole (11 +) - Grade B | Fee | \$112.11 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole (11 +) - Grade C | Fee | \$241.46 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole (6 - 10) - Grade A | Fee | \$86.23 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole (6 - 10) - Grade B | Fee | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole (6 - 10) - Grade C | Fee | \$319.08 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole Sub - Grade A | Fee | \$586.42 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole Sub - Grade B | Fee | \$1,207.34 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Overhead - Per Pole Sub - Grade C | Fee | \$1,466.06 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (1 - 10) - Grade A | Fee | \$86.23 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--------------------------------------|---|-------------|----------------------------|
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (1 - 10) - Grade B | Fee | \$206.97 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (1 - 10) - Grade C | Fee | \$439.82 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (11 - 50) - Grade A | Fee | \$51.75 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (11 - 50) - Grade B | Fee | \$112.11 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (11 - 50) - Grade C | Fee | \$258.71 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (51+) - Grade A | Fee | \$17.25 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (51+) - Grade B | Fee | \$68.99 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - Non Urban - Underground - Per Lot (51+) - Grade C | Fee | \$120.73 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Hour + \$44 travel time | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - | Fee | \$86.23 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|---|---|-------------|----------------------------|
| | accredited service providers (ASPs) | | Per Lot (1 - 10) - Grade A | | |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Lot (1 - 10) - Grade B | Fee | \$198.35 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Lot (1 - 10) - Grade C | Fee | \$431.19 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Lot (11 - 50) - Grade A | Fee | \$51.75 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Lot (11 - 50) - Grade B | Fee | \$120.73 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Lot (11 - 50) - Grade C | Fee | \$241.46 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Lot (51 +) - Grade A | Fee | \$17.25 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Lot (51 +) - Grade B | Fee | \$68.99 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of Service Work (Level 1) | Subdivision - URD - Underground - Per Lot (51 +) - Grade C | Fee | \$112.11 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of service work (Level 2 work) | Per NOSW - A Grade | Fee | \$60.37 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--|---|-------------|----------------------------|
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of service work (Level 2 work) | Per NOSW - B Grade | Fee | \$103.49 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of service work (Level 2 work) | Per NOSW - C Grade | Fee | \$344.96 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of works outside normal working hours | Access Permits | Fee | \$2,567.77 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of works outside normal working hours | Administration Fee | Fee | \$57.50 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Inspection of works outside normal working hours | Overtime Hours Rate | Quote | \$86.23 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Investigation, review & implementation of remedial actions associated with ASP's connection work | Investigation, review & implementation of remedial actions associated with ASP's connection work. | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and accredited service providers (ASPs) | Private inspection | Private inspection of privately owned low voltage or high voltage network infrastructure (i.e. privately owned distribution infrastructure before the meter). | Quote | \$172.48 |
| Ancillary Services | Inspection services – Private electrical installations and | Reinspection Fee (Level 1 & Level 2 work) | Reinspection Fee (Level 1 & Level 2 work) | Quote | \$172.48 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|-------------------------------------|---|---|-------------|----------------------------|
| | accredited service providers (ASPs) | | | | |
| Ancillary Services | Network related property services | Conveyancing Information | Supply of conveyancing information - Per Desk Inquiry | Fee | \$57.04 |
| Ancillary Services | Network related property services | Services involved in obtaining deeds of agreement | Services involved in obtaining deeds of agreement in relation to property rights associated with contestable connections work | Quote | \$172.48 |
| Ancillary Services | Network safety services | De-energisation safety services | De-energising wires for safe approach (e.g. for tree pruning) | Fee | \$385.82 |
| Ancillary Services | Network safety services | Network safety services | Traffic Management to install & remove, break & remake, connect & disconnect excluded distribution services | Fee | \$4,764.01 |
| Ancillary Services | Network safety services | Network safety services | Traffic Management to test, terminate and joint excluded distribution services | Fee | \$4,366.35 |
| Ancillary Services | Network safety services | Rectification Works For these jobs, materials & other costs are charged at purchase price + overheads | Fitting of tiger tails (Labour) - Per Hour | Quote | \$166.22 |
| Ancillary Services | Network safety services | Rectification Works For these jobs, materials & other costs are charged at | Fitting of tiger tails (Material) - Weekly Hire | Quote | \$6.10 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|---|---|--|-------------|----------------------------|
| | | purchase price + overheads | | | |
| Ancillary Services | Network safety services | Rectification Works For these jobs, materials & other costs are charged at purchase price + overheads | High load escorts - Per Hour | Quote | \$166.22 |
| Ancillary Services | Network safety services | Rectification Works For these jobs, materials & other costs are charged at purchase price + overheads | Provision of service crew / additional crew - Per Hour | Quote | \$166.22 |
| Ancillary Services | Network safety services | Rectification Works For these jobs, materials & other costs are charged at purchase price + overheads | Rectification of illegal connections - Per Job | Fee | \$664.91 |
| | | | | | |
| Ancillary Services | Notices of arrangement and completion notices | Compliance Certificate | Connection of Load - Industrial & Commercial - Per Compliance Cert | Fee | \$228.12 |
| Ancillary Services | Notices of arrangement and completion notices | Compliance Certificate | Connection of Load - Industrial & Commercial - Per hour for early cert | Quote | \$114.07 |
| Ancillary Services | Notices of arrangement and completion notices | Compliance Certificate | Connection of Load - Non Urban - Per Compliance Cert | Fee | \$342.18 |
| Ancillary Services | Notices of arrangement and completion notices | Compliance Certificate | Connection of Load - Non Urban - Per hour for early cert | Quote | \$114.07 |
| Ancillary Services | Notices of arrangement and completion notices | Compliance Certificate | Connection of Load - URD - Per Compliance Cert | Fee | \$228.12 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|---|---|---|-------------|----------------------------|
| Ancillary Services | Notices of arrangement and completion notices | Compliance Certificate | Connection of Load - URD - Per hour for early cert | Quote | \$114.07 |
| Ancillary Services | Notices of arrangement and completion notices | Notification of Arrangement | Subdivision - Industrial & Commercial - Per hour for early notification | Quote | \$114.07 |
| Ancillary Services | Notices of arrangement and completion notices | Notification of Arrangement | Subdivision - Industrial & Commercial - Per NOA | Fee | \$228.12 |
| Ancillary Services | Notices of arrangement and completion notices | Notification of Arrangement | Subdivision - Non Urban - Per hour for early notification | Quote | \$114.07 |
| Ancillary Services | Notices of arrangement and completion notices | Notification of Arrangement | Subdivision - Non Urban - Per NOA | Fee | \$228.12 |
| Ancillary Services | Notices of arrangement and completion notices | Notification of Arrangement | Subdivision - URD - Per hour for early notification | Quote | \$114.07 |
| Ancillary Services | Notices of arrangement and completion notices | Notification of Arrangement | Subdivision - URD - Per NOA | Fee | \$228.12 |
| Ancillary Services | Off-peak conversion | Off Peak Conversions | Off Peak Conversion site visit (no access) | Fee | \$124.67 |
| Ancillary Services | Off-peak conversion | Off Peak Conversions | Off Peak Conversions | Fee | \$138.52 |
| Ancillary Services | Planned Interruption – Customer requested | Planned interruption - customer requested | Planned interruption - customer requested | Quote | \$170.01 |
| Ancillary Services | Provision of training to third parties for network related access | Training services to ASPs | Training services to ASPs | Quote | \$166.22 |
| Ancillary Services | Rectification works to maintain network safety | Vegetation defect management | Vegetation defect management | Fee | \$166.22 |
| Ancillary Services | Services provided in relation to a Retailer of Last | ROLR | Services provided in relation to a Retailer of Last | Quote | Quote Basis |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|--|--|---|-------------|----------------------------|
| | Resort (ROLR) event | | Resort (ROLR) event | | |
| Ancillary Services | Site establishment services | Site Establishment Fee | Error correction due to incorrect information received from Retailers or Metering Providers (no Site Visit) | Fee | \$175.40 |
| Ancillary Services | Site establishment services | Site Establishment Fee | Non market Site Establishment | Fee | \$13.15 |
| Ancillary Services | Site establishment services | Site Establishment Fee | Site Establishment - Per NMI | Fee | \$45.95 |
| Ancillary Services | Site establishment services | Site Establishment Fee | Site Establishment assessment that does not result in the allocation of a NMI. | Fee | \$10.97 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | 11kV Padmount/Indo or substation cable termination | Fee | \$4,570.15 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | 11kV Pole top termination (UGOH) and bonding to OH | Fee | \$5,417.62 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | 11kV Straight through joint | Fee | \$4,498.65 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | 11kV Zone substation circuit breaker cable termination | Fee | \$4,213.59 |
| Ancillary Services | Termination of cable at zone substation – | Termination of cable at zone substation – | 22kV Padmount/Indo or substation | Fee | \$5,546.13 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|---|--|--|--|-------------|----------------------------|
| | distributor required performance | distributor required performance | cable termination | | |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | 22kV Pole top termination (UGOH) and bonding to OH | Fee | \$6,069.76 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | 22kV Straight through joint | Fee | \$4,697.67 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | 22kV Zone substation circuit breaker cable termination | Fee | \$4,370.42 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | Protection setting | Fee | \$4,513.18 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | Testing cable prior to commissioning | Fee | \$5,116.84 |
| Ancillary Services | Termination of cable at zone substation – distributor required performance | Termination of cable at zone substation – distributor required performance | Zone substation access and supervision for installation of cable(s) for one feeder | Fee | \$3,544.49 |
| Connection application related services | Connection Offer Service | Connection Offer Service | Connection Offer Service (Basic) | Fee | \$28.74 |
| Connection application related services | Connection Offer Service | Connection Offer Service | Connection Offer Service (Standard) | Fee | \$258.71 |
| Connection application | Planning Studies | Planning Studies | Carrying out planning studies | Quote | \$237.15 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|---|------------------------------|--|--|-------------|----------------------------|
| related services | | | and analysis relating to distribution (including subtransmission and dual function assets) connection applications - COMPLEX JOBS | | |
| Connection application related services | Planning Studies | Planning Studies | Carrying out planning studies and analysis relating to distribution (including subtransmission and dual function assets) connection applications - SIMPLE JOBS | Quote | \$215.60 |
| Connection application related services | Preliminary Enquiry Service | Preliminary Enquiry Service | Preliminary Enquiry Service - COMPLEX JOBS | Quote | \$237.15 |
| Connection application related services | Preliminary Enquiry Service | Preliminary Enquiry Service | Preliminary Enquiry Service - SIMPLE JOBS | Quote | \$114.07 |
| Connection Services | Augmentations | D. Design and build costs (of shared network) beyond distributor standards | D. Design and build costs (of shared network) beyond distributor standards | Quote | Quote Basis |
| Connection Services | Premises Connection Assets | C. Part design and build costs beyond distributor standards | C. Part design and build costs beyond distributor standards | Quote | Quote Basis |
| Connection Services | Reconnections/Disconnections | Reconnections / Disconnections | Disconnections (Meter Box) - Includes Reconnection | Fee | \$83.11 |
| Connection Services | Reconnections/Disconnections | Reconnections / Disconnections | Disconnections (Meter Load Tail) - Includes Reconnection | Fee | \$314.16 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|---------------------|--|-------------------------------------|--|-------------|----------------------------|
| Connection Services | Reconnections/Disconnections | Reconnections / Disconnections | Disconnections (Pole Top / Pillar Box) - Includes Reconnection | Fee | \$519.24 |
| Connection Services | Reconnections/Disconnections | Reconnections / Disconnections | Disconnections /Reconnections (Site Visit) | Fee | \$70.45 |
| Connection Services | Reconnections/Disconnections | Reconnections / Disconnections | Disconnections at Pole Top / Pillar Box - Site Visit | Fee | \$222.75 |
| Connection Services | Reconnections/Disconnections | Reconnections / Disconnections | Reconnection outside Normal business hours | Fee | \$79.58 |
| Connection Services | Reconnections/Disconnections | Rectification Works | Rectification of illegal connections | Fee | \$664.91 |
| Metering Services | Customer requested provision of additional metering/consumption data | Customer Data Request | Customer Data Request | Fee | \$19.17 |
| Metering Services | Distributor arranged outage for purposes of replacing meter | No access | No access | Fee | \$194.73 |
| Metering Services | Distributor arranged outage for purposes of replacing meter | Other party fails to arrive. | Other party fails to arrive. | Fee | \$444.08 |
| Metering Services | Distributor arranged outage for purposes of replacing meter | Isolation completed | Outage Arrangements | Fee | \$651.86 |
| Metering Services | Emergency maintenance of failed metering equipment not owned by the distributor (contestable meters) | Emergency Maintenance | In hours | Quote | \$172.48 |
| Metering Services | Emergency maintenance of failed metering equipment not | Emergency Maintenance (After hours) | After hours | Quote | \$301.84 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|--------------------|---|---|--|-------------|----------------------------|
| | owned by the distributor (contestable meters) | | | | |
| Metering Services | Meter recovery and disposal – type 5 and 6 (legacy meters) | CT Meter Removal & Disposal | CT Meter Removal & Disposal | Fee | \$188.73 |
| Metering Services | Meter recovery and disposal – type 5 and 6 (legacy meters) | WC Meter Disposal | WC Meter Disposal | Fee | \$188.73 |
| | | | | | |
| Metering Services | Special meter reading and testing (legacy meters) | Meter Test Fee | Meter Test Fee - Per Request | Fee | \$498.67 |
| Metering Services | Special meter reading and testing (legacy meters) | Meter Test Fee | Meter Test Fee - Site Visit | Fee | \$124.67 |
| Metering Services | Special meter reading and testing (legacy meters) | Move in move out meter reads | Move in meter reads | Fee | \$41.55 |
| Metering Services | Special meter reading and testing (legacy meters) | Move in move out meter reads | Move out meter reads | Fee | \$41.55 |
| Metering Services | Special meter reading and testing (legacy meters) | Special Meter Reads | Special Meter Reads | Fee | \$41.55 |
| Metering Services | Special meter reading and testing (legacy meters) | Special Meter Reads | Special Meter Reads - Site Visit | Fee | \$33.23 |
| Metering Services | Special meter reading and testing (legacy meters) | Type 5-7 Non Standard Meter data Services | Type 5-7 Non Standard Meter data Services | Fee | \$19.17 |
| Metering Services | Distributor arranged outage for purposes of replacing meter | Notification Only | Notification Only | Fee | \$319.41 |
| Ancillary Services | Site establishment services | Site Establishment Fee | Error correction due to incorrect information received from Retailers or Metering Providers (Site Visit) | Fee | \$131.56 |

| Grouping 1 | Grouping 2 | Grouping 3 | Grouping 4 | Tariff Type | Proposed Charge (GST excl) |
|---------------------|--|---------------------------------|---|-------------|----------------------------|
| Ancillary Services | Site establishment services | Site Establishment Fee | NMI Extinction | Fee | \$32.89 |
| Ancillary Services | Emergency maintenance of failed metering equipment not owned by the distributor (contestable meters) | Metering Investigation services | Metering Investigation services | Fee | \$253.14 |
| Connection Services | Reconnections/Disconnections | Reconnections / Disconnections | Reconnection of already connected site | Fee | \$141.90 |
| Connection Services | Reconnections/Disconnections | Reconnections / Disconnections | Disconnections (Meter Load Tail) -Site Visit ONLY | Fee | \$249.33 |
| Ancillary Services | Cable spike | Cable ID & Spike | Cable ID & Spike | Fee | \$689.92 |
| Ancillary Services | Attendance at customers' premises to perform a statutory right where access is prevented. | Security escort | Organising and providing a security escort where we have determined it necessary to ensure the safety of staff. | Quote | \$114.07 |

Due to rounding, there may be some discrepancies between the historical approved ACS prices and those presented in the ACS pricing model.

Table A4.2: Proposed Quoted Service Hourly Labour Rates

| Endeavour Energy Labour Category and Description | | AER Labour Category | Maximum Total Hourly Rate (base plus on-costs plus overheads) (ex GST) |
|--|---|---|--|
| 1 | Admin | Admin | \$114.07 |
| 2 | Technical | Technical | \$172.48 |
| 3 | Engineer | Engineer | \$215.60 |
| 4 | Field Worker | Field Worker | \$166.22 |
| 5 | Senior Engineer | Senior Engineer | \$237.15 |
| 6 | Traffic Controllers & Supervisors - External Contractors | N/A | \$99.42 |
| 7 | Operations Manager | Engineer | \$215.60 |
| 8 | Engineering Officer / Project Manager | Engineer | \$210.46 |
| 9 | EFM | Field Worker | \$140.22 |
| 10 | All staff involved in disconnections / reconnections (Meter Box) | Field Worker | \$166.22 |
| 11 | All staff involved in disconnections / reconnections (Site Visit) | N/A | \$70.45 |
| 12 | All staff involved in disconnections / reconnections (Meter Box) | N/A | \$79.58 |
| 13 | R4 - Field Worker | Field Worker | \$166.22 |
| 14 | R1 - Admin | Admin | \$114.98 |
| 15 | R2 - Technical Specialist | Technical Specialist | \$172.48 |
| 16 | R3 - Engineer | Engineer | \$215.60 |
| 17 | R4 - Field Worker | Field Worker | \$166.22 |
| 18 | Blended (69% R2 Tech & 31% R4 Field Worker) | Blended (69% Technical Specialist and 31% Field Worker) | \$170.53 |

Due to rounding, there may be some discrepancies between the historical approved ACS prices and those presented in the ACS pricing model.

Metering Service Charges

The proposed metering service charges for FY23 are as follows:

Table A4.3: Proposed Metering Service Charges

| Tariff Class | Cost | FY23 Proposed Charge (ex GST) |
|-----------------------------------|-------------|-------------------------------|
| Residential anytime | Capital | \$2.17 |
| | Non-capital | \$19.99 |
| Residential TOU – Type 6 meter | Capital | \$2.17 |
| | Non-capital | \$43.60 |
| Residential TOU – Type 5 meter | Capital | \$2.17 |
| | Non-capital | \$182.81 |
| Small business anytime | Capital | \$2.17 |
| | Non-capital | \$30.30 |
| Small business TOU – Type 6 meter | Capital | \$2.17 |
| | Non-capital | \$74.50 |
| Small business TOU – Type 5 meter | Capital | \$2.17 |
| | Non-capital | \$213.71 |
| Controlled load | Capital | \$2.17 |
| | Non-capital | \$5.08 |
| Solar | Capital | \$2.17 |
| | Non-capital | \$5.08 |

Due to rounding, there may be some discrepancies between the historical approved ACS prices and those presented in the ACS pricing model.

Public Lighting

The proposed public lighting charges (class 1 & 2) for FY23 are as follows:

Table A4.4: Public Lighting Charges (class 1 & 2)

| Description | Tariff Class 1 (ex GST) FY23 | Tariff Class 2 (ex GST) FY23 |
|----------------------|------------------------------------|------------------------------------|
| 1 x 20 W Fluorescent | \$50.38 | \$49.68 |
| 2 x 20 W Fluorescent | \$53.04 | \$53.04 |
| 4 x 20 W Fluorescent | \$0.00 | \$0.00 |
| 2 x 14 W Fluorescent | \$59.73 | \$49.68 |
| 2 x 24 W Fluorescent | \$54.95 | \$49.68 |
| 1 x 40 W Fluorescent | \$53.16 | \$51.50 |
| 2 x 40 W Fluorescent | \$56.70 | \$56.70 |
| 1 x 42 W Fluorescent | \$51.50 | \$51.50 |
| 50W Mercury | \$53.23 | \$52.85 |
| 80W Mercury | \$50.33 | \$50.18 |
| 125W Mercury | \$50.67 | \$50.18 |
| 250W Mercury | \$50.80 | \$50.18 |
| 2 x 250W Mercury | \$97.64 | \$54.04 |
| 400 W Mercury | \$50.77 | \$50.18 |
| 700 W Mercury | \$0.00 | \$0.00 |
| 50W Sodium | \$62.84 | \$55.12 |
| 70W Sodium | \$56.50 | \$55.12 |
| 90W Sodium | \$58.97 | \$58.97 |
| 100W Sodium | \$60.90 | \$58.97 |
| 120W Sodium | \$55.99 | \$54.96 |
| 150W Sodium | \$58.04 | \$54.96 |
| 250W Sodium | \$64.74 | \$64.09 |
| 2 x 250W Sodium | \$83.49 | \$81.85 |
| 310W Sodium | \$64.09 | \$64.09 |
| 400 W Sodium | \$57.23 | \$57.09 |
| 2 x 400 W Sodium | \$73.16 | \$67.85 |
| 4 x 600W Sodium | \$89.40 | \$89.40 |
| 60 W Incandescent | \$68.06 | \$68.06 |

| Description | Tariff Class 1 (ex GST) FY23 | Tariff Class 2 (ex GST) FY23 |
|------------------------------------|------------------------------------|------------------------------------|
| 100 W Incandescent | \$0.00 | \$0.00 |
| 500 W Incandescent | \$0.00 | \$0.00 |
| 1000 W Incandescent | \$0.00 | \$0.00 |
| 1500 W Incandescent | \$68.06 | \$68.06 |
| 100 W Metal Halide | \$84.33 | \$78.06 |
| 150 W Metal Halide | \$127.20 | \$68.06 |
| 250 W Metal Halide | \$76.32 | \$65.46 |
| 2 x 250 W Metal Halide | \$136.41 | \$84.61 |
| 400 W Metal Halide | \$67.34 | \$64.11 |
| 2 x 400 W Metal Halide | \$181.14 | \$81.90 |
| 1000 W Metal Halide | \$63.57 | \$64.11 |
| 600 W Sodium | \$85.21 | \$57.09 |
| Pole mounting bracket minor (<=3m) | \$14.67 | \$14.63 |
| Pole mounting bracket major (>3m) | \$14.76 | \$14.63 |
| Outreach Minor (<=2m) | \$15.18 | \$14.63 |
| Outreach Major (>2m) | \$15.20 | \$14.63 |
| Minor Column (<=9) | \$25.81 | \$19.12 |
| Major Column (>=9) | \$115.75 | \$19.12 |

Due to rounding, there may be some discrepancies between the historical approved ACS prices and those presented in the ACS pricing model.

The proposed public lighting charges (class 3 & 4) for FY23 are as follows:

Table A4.5: Public Lighting Charges (class 3 & 4)

| Description | Tariff Class 3 (ex GST) FY23 | Tariff Class 4 (ex GST) FY23 |
|-------------------------------------|---|---|
| 2x14W Energy Efficient Fluro - STD | \$80.99 | \$53.91 |
| 2x24W Energy Efficient Fluro - STD | \$83.48 | \$54.23 |
| 1x42W Compact Fluorescent - STD | \$78.78 | \$55.27 |
| 50W Mercury - STANDARD | \$76.75 | \$56.18 |
| 80W Mercury - STANDARD | \$76.72 | \$53.82 |
| 70W Sodium - STANDARD | \$82.01 | \$58.87 |
| 100W Sodium - STANDARD | \$91.55 | \$63.43 |
| 100W Metal Halide - STANDARD | \$112.15 | \$82.84 |
| 25W LED | \$79.01 | \$48.19 |
| Suburban 70W HPS c/w D2 PECB - STD | \$82.01 | \$58.87 |
| 150W Sodium - STANDARD | \$86.39 | \$59.26 |
| 150W Metal Halide - STANDARD | \$100.51 | \$72.57 |
| 250W Sodium - STANDARD | \$97.36 | \$68.67 |
| 250W Metal Halide - STANDARD | \$98.84 | \$70.08 |
| 400W Sodium - STANDARD | \$95.79 | \$62.30 |
| 80W Mercury - AEROSCREEN | \$103.60 | \$80.73 |
| Urban A/Screen 42W CFL c/w D2 PECB | \$85.74 | \$56.12 |
| 150W Sodium - AEROSCREEN | \$89.67 | \$59.66 |
| 150W Metal Halide - AEROSCREEN | \$103.80 | \$72.97 |
| 250W Sodium (w/o PECB) - AEROSCREEN | \$98.76 | \$68.85 |
| 250W Metal Halide - AEROSCREEN | \$100.26 | \$70.25 |
| 400W Sodium - AEROSCREEN | \$94.88 | \$62.19 |
| 400W Metal Halide - AEROSCREEN | \$102.44 | \$69.32 |
| Roadster A/Screen 100W HPS c/w PECB | \$91.55 | \$63.43 |
| 80W Mercury - POST TOP | \$97.43 | \$56.40 |
| B2001 42WCFL c/w D2 PECB green - PT | \$102.85 | \$58.25 |
| 250W Sodium - FLOODLIGHT | \$112.83 | \$70.59 |
| 250W Metal Halide - FLOODLIGHT | \$114.32 | \$71.99 |
| 400W Sodium - FLOODLIGHT | \$107.12 | \$63.71 |
| 400W Metal Halide - FLOODLIGHT | \$114.71 | \$70.84 |

| Description | Tariff Class 3 (ex GST) FY23 | Tariff Class 4 (ex GST) FY23 |
|--|------------------------------------|------------------------------------|
| 150W Sodium - FLOODLIGHT | \$102.61 | \$61.27 |
| 150W Metal Halide - FLOODLIGHT | \$116.72 | \$74.57 |
| Bracket - Minor <=3m | \$20.13 | \$15.68 |
| Bracket - Major >3m | \$47.99 | \$20.46 |
| Outreach - Minor <=2m | \$21.46 | \$15.91 |
| Outreach - Major >2m | \$28.58 | \$17.13 |
| Pole (Wood) - Minor - DEDICATED SL <=11m | \$154.36 | \$42.47 |
| Pole (Wood) - Major - DEDICATED SL >11m | \$270.17 | \$62.35 |
| Column (Steel) - Minor <=9m | \$158.50 | \$28.62 |
| Column (Steel) - Major >9m | \$290.32 | \$32.30 |
| Pole (Wood) - Minor <=11m | \$0.00 | \$0.00 |
| Pole (Wood) - Major >11m | \$0.00 | \$0.00 |
| 17W LED Cat P Luminaire | \$79.01 | \$48.19 |
| 18W LED P4 Gerard | \$79.01 | \$48.19 |
| 25W LED P4 Gerard | \$79.01 | \$48.19 |
| 33W LED | \$85.64 | \$48.90 |
| 42W LED | \$82.34 | \$48.55 |
| 82W LED Gerard V5 Cat Luminaire | \$105.45 | \$51.01 |
| 100W LED Gerard V4 Cat Luminaire | \$105.45 | \$51.01 |
| 198W LED Gerard V2/V3 Cat Luminaire | \$116.07 | \$52.15 |
| 33W LED P3 Gerard | \$82.34 | \$48.55 |
| 75W LED Aglo Nilum Plus FLOODLIGHT | \$94.45 | \$49.83 |
| 100W LED Aglo Nilum Plus FLOODLIGHT | \$96.45 | \$50.06 |
| 150W LED Aglo Nilum Plus FLOODLIGHT | \$100.43 | \$50.49 |
| 300W LED Aglo Nilum Plus FLOODLIGHT | \$125.43 | \$53.16 |
| 60W LED RoadLED Midi Optic Tuner | \$95.62 | \$49.63 |
| 80W LED RoadLED Midi Optic Tuner | \$101.84 | \$50.28 |
| 70W LED RoadLED Midi | \$90.94 | \$49.12 |
| 80W LED RoadLED Midi | \$92.51 | \$49.29 |
| 165W LED RoadLED Midi | \$93.67 | \$49.42 |
| 17W LED B2001 NUWE Post Top | \$104.57 | \$50.59 |
| 150W LED SLED Maximus | \$110.02 | \$51.17 |
| 175W LED SLED Maximus | \$118.98 | \$52.12 |

| Description | Tariff Class 3 (ex GST) FY23 | Tariff Class 4 (ex GST) FY23 |
|---|------------------------------------|------------------------------------|
| 24W LED STREETLED3 STD Visor S-S | \$76.58 | \$47.58 |
| 17W LED STREETLED3 Aeroscreen S-S | \$74.29 | \$47.34 |
| 13W LED STREETLED3 STD Visor S-S | \$73.92 | \$47.30 |
| 9W LED STREETLED Aeroscreen S-S | \$73.92 | \$47.30 |
| 17W LED Post Top B2001 S-S | \$103.55 | \$50.48 |
| 28W LED Post Top B2001 S-S | \$106.23 | \$50.76 |
| 18W LED Bourke Hill S-S | \$116.49 | \$51.86 |
| 24W LED Bourke Hill S-S | \$118.39 | \$52.06 |
| 37W LED 4K ROADLED MIDI STD Visor S-S | \$90.10 | \$49.03 |
| 40W LED 3K ROADLED MIDI STD Visor S-S | \$90.10 | \$49.03 |
| 36W LED 4K ROADLED MIDI Aeroscreen S-S | \$90.10 | \$49.03 |
| 39W LED 3K ROADLED MIDI Aeroscreen S-S | \$90.10 | \$49.03 |
| 55W LED 4K ROADLED MIDI STD Visor S-S | \$90.70 | \$49.09 |
| 61W LED 3K ROADLED MIDI STD Visor S-S | \$90.70 | \$49.09 |
| 57W LED 4K ROADLED MIDI Aeroscreen S-S | \$90.70 | \$49.09 |
| 63W LED 3K ROADLED MIDI Aerosreen S-S | \$90.70 | \$49.09 |
| 113W LED ROADLED MIDI STD Visor S-S | \$93.06 | \$49.35 |
| 120W LED 4K ROADLED MIDI Aeroscreen S-S | \$93.06 | \$49.35 |
| 121W LED 3K ROADLED MIDI Aeroscreen S-S | \$93.06 | \$49.35 |
| 275W LED ROADLED S-S | \$120.28 | \$52.26 |
| 254W LED 3K ROADLED MIDI STD Visor S-S | \$120.28 | \$52.26 |
| 230W LED Avento S-S | \$94.58 | \$49.51 |
| 205W LED 3K ROADLED MIDI Aeroscreen S-S | \$120.28 | \$52.26 |
| 30W LED ATS PLED MKII | \$78.48 | \$47.79 |
| 20W LED ATS PLED MKII | \$73.55 | \$47.27 |
| 13W LED ATS PLED MKII | \$72.39 | \$47.14 |
| 74W LED ATS VLED | \$81.52 | \$48.12 |
| 155W LED ATS VLED | \$86.84 | \$48.68 |
| 290W LED ATS VLED | \$101.81 | \$50.28 |

Due to rounding, there may be some discrepancies between the historical approved ACS prices and those presented in the ACS pricing model.

Proposed charges for new Public Lighting assets

Endeavour Energy proposes to introduce 13 new LED public lighting asset types. This requires the creation of 58 new rates – 29 Tariff Class 3 and 29 Tariff Class 4.

The proposed charges for new public lighting assets have been calculated using supplier cost information and the AER's Public Lighting Model Decision Model for Endeavour Energy for the regulatory control period 2020 to 2024.

The proposed FY23 charges are included in Table A4.5 above and are summarised below:

Table A4.6: New Public Lighting Charges (class 3 & 4)

| Description | Tariff Class 3 (ex GST) FY23 | Tariff Class 4 (ex GST) FY23 |
|---|------------------------------------|------------------------------------|
| 24W LED STREETLED3 STD Visor S-S | \$76.58 | \$47.58 |
| 17W LED STREETLED3 Aeroscreen S-S | \$74.29 | \$47.34 |
| 13W LED STREETLED3 STD Visor S-S | \$73.92 | \$47.30 |
| 9W LED STREETLED Aeroscreen S-S | \$73.92 | \$47.30 |
| 17W LED Post Top B2001 S-S | \$103.55 | \$50.48 |
| 28W LED Post Top B2001 S-S | \$106.23 | \$50.76 |
| 18W LED Bourke Hill S-S | \$116.49 | \$51.86 |
| 24W LED Bourke Hill S-S | \$118.39 | \$52.06 |
| 37W LED 4K ROADLED MIDI STD Visor S-S | \$90.10 | \$49.03 |
| 40W LED 3K ROADLED MIDI STD Visor S-S | \$90.10 | \$49.03 |
| 36W LED 4K ROADLED MIDI Aeroscreen S-S | \$90.10 | \$49.03 |
| 39W LED 3K ROADLED MIDI Aeroscreen S-S | \$90.10 | \$49.03 |
| 55W LED 4K ROADLED MIDI STD Visor S-S | \$90.70 | \$49.09 |
| 61W LED 3K ROADLED MIDI STD Visor S-S | \$90.70 | \$49.09 |
| 57W LED 4K ROADLED MIDI Aeroscreen S-S | \$90.70 | \$49.09 |
| 63W LED 3K ROADLED MIDI Aeroscreen S-S | \$90.70 | \$49.09 |
| 113W LED ROADLED MIDI STD Visor S-S | \$93.06 | \$49.35 |
| 120W LED 4K ROADLED MIDI Aeroscreen S-S | \$93.06 | \$49.35 |
| 121W LED 3K ROADLED MIDI Aeroscreen S-S | \$93.06 | \$49.35 |
| 275W LED ROADLED S-S | \$120.28 | \$52.26 |
| 254W LED 3K ROADLED MIDI STD Visor S-S | \$120.28 | \$52.26 |
| 230W LED Avento S-S | \$94.58 | \$49.51 |
| 205W LED 3K ROADLED MIDI Aeroscreen S-S | \$120.28 | \$52.26 |
| 30W LED ATS PLED MKII | \$78.48 | \$47.79 |
| 20W LED ATS PLED MKII | \$73.55 | \$47.27 |

| Description | Tariff Class 3 (ex GST) FY23 | Tariff Class 4 (ex GST) FY23 |
|-----------------------|------------------------------------|------------------------------------|
| 13W LED ATS PLED MKII | \$72.39 | \$47.14 |
| 74W LED ATS VLED | \$81.52 | \$48.12 |
| 155W LED ATS VLED | \$86.84 | \$48.68 |
| 290W LED ATS VLED | \$101.81 | \$50.28 |

Security Lighting (Nightwatch)

The proposed security lighting charges for FY23 are as follows:

Table A4.7: Security Lighting Charges

| Tariff Class | Description | FY23 Proposed Charges (ex GST) |
|---------------------|-------------|--------------------------------|
| Short Term: | | |
| Monthly Charge | Minor | \$53.54 |
| | Small | \$69.23 |
| | Medium | \$76.23 |
| | Large | \$88.72 |
| | X-Large | \$145.76 |
| Installation Charge | Minor | \$782.16 |
| | Small | \$1,162.68 |
| | Medium | \$1,160.04 |
| | Large | \$1,180.29 |
| | X-Large | \$1,368.77 |
| Long Term: | | |
| Monthly Charge | Minor | \$53.54 |
| | Small | \$69.25 |
| | Medium | \$76.24 |
| | Large | \$88.72 |
| | X-Large | \$145.76 |
| Installation Charge | Minor | \$329.35 |
| | Small | \$329.35 |
| | Medium | \$329.35 |
| | Large | \$329.35 |
| | X-Large | \$329.35 |

Due to rounding, there may be some discrepancies between the historical approved ACS prices and those presented in the ACS pricing model.