evoenergy

2023/24 Statement of tariff classes and tariffs

Effective 1 July 2023

Contents

Glossary

Term	Definition
ACT	Australian Capital Territory
Al	Aluminium
AER	Australian Energy Regulator
AEST	Australian Eastern Standard Time
c	cents
C&I	Connection and Installation
CPI	Consumer Price Index
CT	Current Transformer
Cu	copper
DUOS	Distribution Use of System
EV	Electric vehicle
FiT	Feed-in Tariff
GST	Goods and Services Tax
HV	High Voltage
kVA	kilovolt-Amperes
kW	kilowatt
kWh	kilowatt hour
LFiT	Large-scale Feed-in Tariff
LV	Low Voltage
LVABC	Low Voltage Aluminium Bundled Conductors
m	metre
mm	millimetre
MRIM	manually-read interval meters
MW	megawatt
NMI	National Metering Identifier
NUOS	Network Use of System
POE	Point Of Entry
PV	photovoltaic
S&I	Services and Installation
SLCC	Streetlight Control Cubicle
TOU	Time Of Use
TUOS	Transmission Use of System
VT	Voltage Transformer
XMC	Excludes Metering Charge

Preamble

ACT Government's Large-Scale Feed-in Tariff Scheme

Unlike in previous years, Evoenergy's 2023/24 regulated electricity network prices approved by the Australian Energy Regulator (AER) do not include any amounts for the Australian Capital Territory (ACT) Government's Large-scale Feed-in Tariff (LFiT) scheme. This scheme is returning $68.45 million in rebates to customers in 2023/24 ('the LFiT rebate'),[1] which will occur separately to the AER's approval of network charges.

The LFiT rebate has been applied as a negative adjustment to the AER's approved charges for 2023/24 and is equivalent to a reduction of 2.27 cents per kilowatt-hour (kWh) excluding Goods and Services Tax (GST), on average, across Evoenergy's tariffs. Where possible, the LFiT rebate has been applied to the consumption charges in Evoenergy's tariffs.[2]

The prices presented in this document include the LFiT rebate and are therefore different from the 2023/24 network charges approved by the AER.[3]

For information on the 2023/24 network charges approved by the AER, please see Evoenergy's 2023/24 Pricing Proposal which was approved by the AER in May 2023. The approved pricing proposal is available on the AER's website.[4]

[1] The return of funds is pursuant to the *Electricity Feed-in (Large-scale Renewable Energy Generation) Act 2011*, and the *Electricity Feed-in (Large-scale Renewable Energy Generation) (Reasonable Costs of FiT Support Payments*) *Determination 2023*.

[2] In some cases, it is not possible to apply the full price reduction to consumption charges (for example, where this would lead to negative prices or a distortion of price signals). In these cases, some of the price reduction has been applied to maximum demand and/or capacity charges.

[3] While Evoenergy's 2023/24 price levels differ to those approved by the AER, no modifications have been made to the AER's approved tariff structure and tariff assignment policy.

[4] Evoenergy's approved 2023/24 pricing proposal is available at: https://www.aer.gov.au/networks-pipelines/determinations-access-arrangements/pricing-proposals-tariffs/evoenergy-annual-pricing-2023%E2%80%9324

1 Introduction

1.1 Purpose and scope of the document

Evoenergy has prepared this Statement of Tariff Classes and Tariffs (hereafter 'Statement') in accordance with the requirements in Chapter 6 of the National Electricity Rules (the Rules). Clause 6.18.9(a)(3) requires Evoenergy to maintain on its website: a statement of tariff classes[5] and tariffs that are applicable to each class.

This Statement covers Evoenergy's Standard Control Services and Alternative Control Services, as classified in the AER's Final Decision Evoenergy Determination 2019–24 (Final Decision).

Standard Control Services are services that are central to the electricity supply and are relied upon by most customers. This service classification includes network services (e.g. construction, maintenance and repair of the network), some connection services (e.g. small customer connections) and Type 7 metering services (i.e. unmetered connections such as traffic lights). Alternative Control Services include metering and ancillary network services specific to a particular customer.

This Statement presents Evoenergy's network prices from 1 July 2023 to 30 June 2024. These prices are different from the 2023/24 network charges approved by the AER (as set out in Evoenergy's 2023/24 annual pricing proposal). This is because the AER's approved charges do not include amounts related to the ACT Government's Large-scale feed-in tariff scheme.[6] While Evoenergy's 2023/24 price levels differ to those approved by the AER, no modifications have been made to the AER's approved tariff structure and tariff assignment policy.

This Statement should be read in conjunction with the following documents:

- The AER's Final Decision 2019–24[7] – April 2019
- Evoenergy's 2023/24 Annual Pricing Proposal[8] – approved by the AER in May 2023
- Evoenergy's Revised Proposed Tariff Structure Statement[9] – November 2018

These documents are published on the AER's website and set out in detail how the tariff structures and levels have been developed.

1.2 Structure of the document

Evoenergy's tariff classes and structure are set out in Section 2 along with Evoenergy's 2023/24 charges for network services. Section 2 also includes a comparison of the changes relative to 2022/23.

The structure and basis of Evoenergy's charges for metering and ancillary network services are presented and explained in Section 3.

[5] A *tariff class* is defined in Chapter 10 of the *Network Electricity Rules* as "A class of retail customers for one or more direct control services who are subject to a particular tariff or particular tariffs."

[6] As described in the preamble to this document, the ACT Government's LFiT scheme is returning $68.45 million in rebates to customers in 2023/24 which will occur separately to the AER's approval of network charges.

[7] AER, *Final Decision – Evoenergy Distribution Determination 2019 to 2024, Overview*, April 2019.

[8] Evoenergy, *Network pricing proposal 2023/24*, approved by the AER in May 2023.

[9] Evoenergy, *Revised Regulatory Proposal 2019–24,* Appendix 1.1 Revised Tariff Structure Statement – Explanatory Statement, November 2018.

2 Tariff classes and structure

The Rules (clause 6.18.9) require a description of the tariff classes[10], and the tariffs that apply to each class in 2022/23, to be published on Evoenergy's website.

Evoenergy offers network tariffs in three tariff classes:

- residential;
- low voltage (LV) commercial; and
- high voltage (HV).

The Rules stipulate that tariff classes must be constituted with regard to the need to group customers together on an economically efficient basis and the need to avoid unnecessary transactions costs (clause 6.18.3(d)). Evoenergy meets this requirement by grouping customers according to type of connection (residential or commercial), and connection voltage (LV or HV). Customers within each class have similar load and connection characteristics. The relevant costs for each class can then be identified and reflected in the tariffs for each class.

Within each of the three tariff classes, Evoenergy has developed a suite of network tariffs that encourage efficient use of the network, signals the costs of future network expansion, and facilitate the integration of renewable technologies.

Each of the tariffs has been reviewed to base them on the long run marginal cost (LRMC) of the network (as per clause 6.18.5(f) of the Rules).

The network tariffs from each tariff class comprise different combinations of the following charging parameters:

- **Fixed (network access) charges**—these apply per customer for residential customers and per connection point for commercial customers. The fixed charge is a daily charge that does not vary with electricity consumption, demand or capacity. The fixed charge excludes non-capital metering charges.
- **Energy charges**—these apply to each unit of electricity consumed. The cents per kilowatt hour (c/kWh) rate may vary with the level of consumption (with higher rates applying above certain thresholds) or with the time-of-use (with lower rates applying outside of peak periods).
- **Maximum demand charges**—these are a charge per unit of maximum demand (in c/kVA/day or c/kW/day[11]). The maximum demand is the highest demand calculated coincident over a 30-minute clocked interval, starting on the full or half hour, during the specified peak time within a billing period (generally per calendar month).
- **Capacity charges**—these are a charge per unit of maximum demand (in c/kVA/day). The maximum demand is the highest demand recorded over a 30-minute clocked interval during the previous 13 months inclusive of the current billing month.

The tariffs, charging parameters and eligibility criteria for each tariff are shown in Table 2.1, Table 2.3 and Table 2.5. The tables include an explanation of the purpose of each tariff and the customers to whom each tariff may apply.

[10] A tariff class is defined in chapter 10 of the *National Electricity Rules* as "A class of retail customers for one or more direct control services who are subject to a particular tariff or particular tariffs."

[11] c/kVA/day refers to cents per kilo-volt ampere per day, and c/kW/day refers to cents per kilowatt per day

2.1 Network tariffs for residential customers

Residential tariffs are available to installations at private dwellings, excluding serviced apartments, but including:

- living quarters for members and staff of religious orders;
- living quarters on farms;
- charitable homes;
- retirement villages;
- residential sections of nursing homes and hospitals;
- churches, buildings or premises which are primarily used for public worship; and
- approved caravan sites.

Evoenergy's residential customers are currently assigned to the following tariffs:

- **Residential kW Demand** – default for new connections and meter replacements from 1/12/17. (See Section 3.1.1 for more details.)
- **Residential TOU** – opt-out option for new connections and meter replacements from 1/12/17.
- **Residential Basic** – closed to new connections from 1/12/17. Remains available to existing customers
- **Residential 5000** – closed to new connections from 1/12/17. Remains available to existing customers.
- **Residential with Heat Pump** – closed to new connections from 1/12/17. Remains available to existing customers.
- **Residential Battery** – trial tariff available on an opt-in basis for new connections and meter replacements. This trial is due to continue in 2022/23.
- **Off-peak (1) night** – available to residential (and LV commercial) customers utilising controlled loads elements.
- **Off-peak (3) day and night** – available to residential customers utilising controlled loads elements.

The two residential tariffs offered to new connections and customers with meter replacements are described below.

The Residential kW demand tariff gives residential customers the opportunity to actively manage and control the size of the network component of their electricity bills by considering when and how they use electricity.[12] The demand tariff includes the following three components:

- A fixed component in cents per day.
- An anytime energy consumption component in cents per kilowatt-hour.
- A demand component - a maximum demand charge is based on the customer's highest demand (measured in kilowatts) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified peak time (i.e. 5:00pm[13], 5:30pm, 6:00pm, 6:30pm, 7:00pm, 7:30pm and 8:00pm) within the billing period (generally a calendar month). The charge is expressed in cents per kilowatt per day.

[12] This statement assumes the retailer preserves the network tariff structure.

[13] The first period starts at 17:00:01 and ends at 17:30:00 AEST.

The Residential time-of-use (TOU) tariff provides an opportunity and an incentive for consumers with the necessary metering capability to respond to price signals at different times of the day[14] and manage their electricity bill.

Evoenergy is trialling a Residential Battery tariff.[15] This tariff is designed for residential customers with a battery controlled by a Home Energy Management system or an electric vehicle. While this tariff is in a trial phase, it is available only to residential customers with a type 4 meter and a grid-connected battery or electric vehicle. Eligible residential customers can opt-in to this tariff. They can also opt-out of this tariff in accordance with Evoenergy's current tariff assignment policy. An explanation of this tariff is provided in Table 2.1 and charges for this tariff are published in Table 2.6.

Evoenergy's residential network tariff structure is shown in Table 2.1

Table 2.1 Network tariff structure: residential

Tariff	Charging parameters	Explanation
Residential basic network (010)	• Fixed charge (cents/day/customer) • Energy charge (cents/kWh)	This tariff is available to customers who have an accumulation meter installed at their premises. The **fixed charge** applies per customer, is a daily charge and does not vary with usage. An **energy charge** varies with the level of consumption but not with the time of day. This tariff was closed to new customers from 1 December 2017 and will become obsolete over time.
(Residential time-of-use (TOU) network (015)	• Fixed charge (cents/day/customer) • Energy at max times (cents/kWh): 7 am to 9 am and 5 pm to 8 pm every day • Energy at mid times (cents/kWh): 9 am to 5 pm and 8 pm to 10 pm every day • Energy at economy times (cents/kWh): All other times	This tariff is available to residential customers who have a meter capable of recording energy consumption in each of the three time of use intervals ('max', 'mid', and 'economy'). The **fixed charge** applies per customer, is a daily charge and does not vary with usage. The **energy charges** relate to the supply of network services at various times. A higher rate applies at max times to encourage users to shift their load to mid or economy periods.
Residential 5000 network (020)	• Fixed charge (cents/day/customer) • Energy for the first 60 kWh/day (cents/kWh) • Energy above 60 kWh/day (cents/kWh)	This tariff is designed for residential customers who have large continuous (rather than time controlled) loads, and consume over 5,000 kWh per annum. The **fixed charge** applies per customer, is a daily charge and does not vary with usage.

[14] This statement assumes the retailer preserves the network tariff structure.

[15] Further details of this tariff trial are provided in Evoenergy's 2023/24 annual pricing proposal approved by the AER which is available here: https://www.aer.gov.au/networks-pipelines/determinations-access-arrangements/pricing-proposals-tariffs/evoenergy-annual-pricing-2023%E2%80%9324

		An **inclining block** structure applies to energy charges (i.e. higher energy rates for the second block of energy). This tariff was closed to new customers from 1 December 2017 and will become obsolete over time
Residential with heat pump (030)	• Fixed charge (cents/day/customer) • Energy for the first 165 kWh/day (cents/kWh) • Energy above 165 kWh (cents/kWh)	This tariff is only available to residential customers with a reverse cycle air conditioner. The **fixed charge** applies per customer, is a daily charge and does not vary with usage. An **inclining block** structure applies to energy charges (i.e. higher energy rates for the second block of energy). This tariff was closed to new customers from 1 December 2017 and will become obsolete over time.
Residential kW demand (025)	• Fixed charge (cents/day/customer) • Energy consumption charge (cents/kWh) • Maximum demand charge (in billing period) (cents/kW/day): 5 pm to 8 pm every day.	This tariff is available to residential customers from 1 December 2017 who have a Type 4 meter installed. The **fixed charge** applies per customer, is a daily charge and does not vary with usage. The **energy charge** varies neither with the level of consumption nor the time of day. The **demand charge** is based on a customer's highest demand (measured in kilowatts) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified Peak time (i.e. 5:00pm*, 5:30pm, 6:00pm, 6:30pm, 7:00pm, 7:30pm and 8:00pm) within the billing period (a calendar month). This tariff became Evoenergy's default tariff for residential customers with a Type 4 meter from 1 December 2017.
Off-peak (1) night network (060)	• Energy at controlled times (cents/kWh): between 10 pm and 7am	The Off-peak (1) night tariff is a supplementary tariff available only to consumers utilising a controlled load element, and (from 1 July 2019) taking all other energy on the Residential kW Demand, Residential TOU, Residential Basic, General Network, General TOU or LV commercial kW Demand network tariff. The Off-peak (1) night **network energy charge** relates to supply of network services at controlled times, for 6 to 8 hours per day between the hours of 10 pm and 7 am. This charge is applicable to permanent heat (or cold) storage; electric vehicle recharge; and CNG vehicle gas compression installations. The design and rating must be acceptable to Evoenergy. The installation must use most energy during the controlled times but may be boosted at the principal charge, or charges, at other times.
Off-peak (3) day and night network (070)	• Energy at controlled times (cents/kWh): between 10 pm and 7 am and 9 am and 5 pm	The Off-peak (3) day and night tariff is a supplementary tariff available only to consumers utilising a controlled load element, and taking all other energy on the Residential kW Demand, Residential TOU or Residential Basic network tariff.

		Up to 30 June 2019 LV Commercial customers were also permitted to be assigned to this tariff, but this option became unavailable from 1 July 2019. The Off-peak (3) day and night **network energy charge** relates to supply of network services at controlled times, for up to 13 hours per day between 10 pm and 7 am and again between 9 am and 5 pm. This charge is applicable to permanent heat (or cold) storage; electric vehicle recharge; and CNG vehicle gas compression installations. The design and rating must be acceptable to Evoenergy. The installation must use most energy during the controlled times but may be boosted at the principal charge, or charges, at other times.
Residential battery (027)	• Fixed charge (cents/day/customer) • Energy at max times (cents/kWh): 7 am to 9 am and 5 pm to 8 pm every day • Energy at mid times (cents/kWh): 9 am to 11 am, 3 pm to 5 pm, and 8 pm to 10 pm every day • Energy at economy times (cents/kWh): 10 pm to 7 am every day • Energy at solar sponge times (cents/kWh): 11 am to 3 pm every day • Seasonal maximum demand charge (in billing period) (cents/kW/day) • Seasonal export charge (cents/kWh) • Critical peak export rebate (cents/kWh)	This tariff is being trialled in the current regulatory period, however, Evoenergy expects no customer volumes on this tariff in 2023/24 given customer and retailer feedback. This tariff is available to residential customers who have a Type 4 meter installed, and meet the eligibility requirements set by Evoenergy.** The **fixed charge** applies per customer, is a daily charge and does not vary with usage. The **energy charges** relate to the supply of network services at various times. A higher rate applies at max times to encourage users to shift their load to mid, solar sponge, or economy periods. The **seasonal maximum demand charge** is based on a customer's highest demand (measured in kilowatts) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified peak time (i.e. 5:00pm, 5:30pm, 6:00pm, 6:30pm, 7:00pm, 7:30pm and 8:00pm) within the billing period (generally a calendar month). The maximum demand charge varies according to seasons. The **seasonal export charge** is levied on exports in excess of 3.75 kWh during any one-hour period between 11am – 3pm (AEST) every day. The export charge varies according to seasons. The **critical peak export rebate** provides customers who respond to a critical peak event with a credit on their network electricity bill. Customers on this tariff will be notified (by Evoenergy) of up to six critical peak events (per financial year) up to 48 hours before the event commences. The maximum duration of each critical peak event is three hours. Customers who export during the critical peak event will receive a rebate based on the level of electricity exported (measured in kWh) within the critical peak period.

All times refer to Australian Eastern Standard Time (AEST)

* The first period starts at 17:00:01 and ends at 17:30:00 AEST.

** See Section 2.1.1 for eligibility requirements for the residential battery tariff trial.

2.1.1 Residential tariff assignment policy

The introduction of the Residential kW Demand tariff was designed to coincide with the introduction of Type 4 meters from 1 December 2017. Only customers with a Type 4 meter installed from 1 December 2017 are assigned, by default, to the kW Demand tariff.

New residential customers are currently assigned by default to the Residential kW Demand tariff, with the ability to opt-out to the Residential Time-of-Use (TOU) tariff.

Customers on the Residential kW Demand or TOU tariffs are also able to opt-in to one of the off-peak tariffs (off-peak 1 and off-peak 3). The off-peak tariffs (codes 060 and 070) apply to controlled loads to encourage electricity usage at off-peak times.

From 1 December 2017, the Residential Basic, Residential 5000, and Residential with Heat Pump tariffs were closed to new Evoenergy customers because these tariffs are not sufficiently cost reflective. Customers currently assigned to these tariffs remain on them until they change to a Type 4 meter. Evoenergy's assignment policy means that because customers with a Type 4 meter are automatically assigned to the demand tariff (with a provision to opt out to TOU), the above three residential tariffs will eventually become obsolete. Table 2.2 outlines the residential tariff assignment policy.

Table 2.2 Residential tariff assignment policy

	Default	Opt-out	Opt-in
Residential (new connection or customer initiated)	Residential kW demand*	Residential Time-of-Use	
Residential: replacement meter	Residential kW demand tariff 12 months after Type 4 meter is installed	Residential Time-of-Use	Residential kW demand or Residential Time-of-Use tariff (any time after Type 4 meter is installed)

Note: Customers are ineligible to switch to one of these tariffs if they have been on the tariff in the previous 12 months.
* If requested by retailers, under specific scenarios, Evoenergy currently offers to backdate a demand tariff to a TOU tariff once per site in a 12-month period. Evoenergy reverses and reissues the bill (NUOS) for no more than 120 calendar days for residential sites. This process applies to the Residential kW demand tariff.

As explained in the AER's Draft Decision for 2019–24, customers who receive a Type 4 meter as a replacement for a Type 5 or 6 meter are to remain on their existing network tariff for 12 months before moving to a more cost-reflective network tariff.[16] Under this arrangement, customers with new connections or customer-initiated meter replacements will continue to be assigned to the cost-reflective Residential kW demand tariff when their Type 4 meter is installed (with the option to opt-out to the Residential TOU tariff). When a new meter is installed for any other reason, the shift to a more cost reflective tariff (i.e. the Residential kW demand tariff) will be delayed by 12 months. These customers are able to opt-in to more cost reflective residential tariffs within the first 12 months of their Type 4 meter installation. This change in requirements is reflected in Evoenergy's Revised TSS, which was approved in the AER's Final Decision.[17]

Residential battery tariff trial

The residential battery tariff is provided to residential customers on an opt-in basis. To be eligible for the residential battery tariff, a customer must:

- be a residential customer;[18]
- have a behind-the-meter battery or an EV which is charged on the premises;[19] and

[16] AER, *Draft Decision - Evoenergy Distribution Determination 2019 to 2024, Attachment 18,* September 2018, p. 18-17 to 18-18.

[17] AER, *Final Decision – Evoenergy Distribution Determination 2019 to 2024, Overview*, April 2019, page 56.

[18] As defined under Evoenergy's Statement of Tariff Classes and Tariffs

[19] For the purposes of the trial, the tariff is restricted to customers with a behind-the-meter connected battery to allow Evoenergy to collect relevant data on customer responses to price signals. However, to ensure the tariff is

- have a smart meter.

Customers can register their interest for the tariff trial by completing a form on Evoenergy's website.[20] Evoenergy will then verify the customer's eligibility based on the information provided through the registration of interest. Once Evoenergy has confirmed a customer is eligible, they will be invited to register for the tariff trial and will be notified of participating retailers.[21] The customer will then be assigned to the residential battery network tariff when the trial commences.

Customers on the residential battery tariff can opt-out to an eligible tariff at any time in accordance with Evoenergy's current tariff assignment policy. This means that residential customers can opt out to either the residential demand tariff (tariff codes 025, 026) or the residential time of use tariff (tariff codes 015, 016).

Evoenergy engaged extensively with stakeholders on the residential battery tariff trial in preparation for the 2024–29 regulatory control period. Customer and retailer feedback indicated a strong preference for tariff simplicity, which did not match the novel but complex tariff structure of the residential battery tariff.

Consequently, Evoenergy will not continue the residential battery tariff into the 2024–29 regulatory period and does not anticipate having any customers on the residential battery tariff trial in 2023/24. Nevertheless, Evoenergy has incorporated the learnings from the residential battery tariff trial into its proposed tariffs for 2024–29, particularly stakeholder preferences for tariff structure simplicity.

2.2 Network tariffs for low voltage commercial customers

For LV commercial customers, a range of tariff options has been developed to meet their diverse needs. Evoenergy's low voltage commercial customers are currently assigned to the following tariffs.

- LV kW Demand
- LV TOU kVA Demand
- LV TOU kVA Capacity
- General TOU
- General Network

Three of the LV commercial options involve capacity and/or maximum demand charges, in conjunction with consumption charges. These tariff options are described below.

The LV kW Demand tariff was introduced in December 2017 and gives LV commercial customers the opportunity to actively manage and control the size of the network component of their electricity bills by considering when and how they use electricity.[22] The LV kW Demand tariff includes the following three components:

- A fixed component in cents per day.
- An anytime energy consumption component in cents per kilowatt hour.
- A demand component – a maximum demand charge is based on the customer's highest demand calculated over a 30-minute clocked interval, starting on the full or half hour, during

technologically neutral, this requirement may be removed if the tariff is incorporated into Evoenergy's future tariff structure (noting that the tariff is designed for, and can provide more benefits to, customers with a battery).

[20] https://www.evoenergy.com.au/residential-tariff-trial

[21] It is possible that no retailer will choose to offer an equivalent retail tariff that reflects the network residential battery tariff. However, customers will still be given the opportunity to opt-in to the network residential battery tariff. In this situation, the network usage data and network bill impact will be analysed by Evoenergy, noting that the customers' retailer (rather than end customer) faced the network price signals.

[22] This statement assumes the retailer preserves on the network tariff structure.

the specified Business time (i.e. 7:00am[23], 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (generally a calendar month).

The kVA-based demand tariffs (LV TOU kVA Demand and LV TOU Capacity) changed from 1 July 2019. As approved by the AER in its Final Decision on Evoenergy's Revised TSS,[24] the maximum demand component of the LV TOU kVA Demand and LV TOU Capacity tariffs is based on 'peak-period' maximum demand. The peak period for these LV Commercial tariffs is the Business Time, specified as 7:00am to 5:00pm (AEST) on weekdays.

The General TOU tariff provides an opportunity and an incentive for consumers with the necessary metering capability to respond to price signals at different times of the day[25] and manage their electricity bill in line with the costs they impose on the network.

Evoenergy's LV commercial network tariff structure is shown in Table 2.3.

Table 2.3 Network tariff structure: LV commercial

Tariff	Charging parameters	Explanation
General network (040)	• Network access charge (cents/day/connection point) • Energy for the first 330 kWh/day (cents/kWh) • Energy above 330 kWh/day (cents/kWh)	This tariff has been closed to new connections since 1 December 2017 and will become obsolete over time. The **fixed charge** applies per connection point, is a daily charge and does not vary with usage. An inclining block structure applies to **energy charges** (i.e. higher energy rates for the second block of energy). This tariff may be used in conjunction with the off-peak (1) tariff (code 060).
General TOU network (090)	• Network access charge (cents/day/connection point) • Energy at business times* (cents/kWh) • Energy at evening times* (cents/kWh) • Energy at off-peak times* (cents/kWh)	This tariff was the default tariff available to new LV commercial customers until 30 November 2017. It is now available for all LV commercial customers as an opt-out option. The **fixed charge** applies per connection point, is a daily charge and does not vary with usage. The **energy charges** relate to supply of energy at different times, with a lower rate in off-peak times reflecting the availability of capacity and encouraging consumers to shift their load from 'business' to 'off-peak times' to utilise the available capacity.
LV TOU kVA demand network (101)	• Network access charge (cents/day/connection point) • Maximum demand (in billing period) (cents/kVA/day) • Energy at business times* (cents/kWh) • Energy at evening times* (cents/kWh)	This tariff is the default tariff available to LV commercial customers who have a Type 4 meter installed as well as a current transformer (CT) meter. The **fixed charge** applies per connection point, is a daily charge and does not vary with usage. The **maximum demand charge** is based on the customer's highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour,

[23] The first period starts at 07:00:01 and ends at 07:30:00 AEST.

[24] AER, *Final Decision – Evoenergy Distribution Determination 2019 to 2024, Overview*, April 2019, page 56.

[25] This statement assumes the retailer preserves on the network tariff structure.

	• Energy at off-peak times* (cents/kWh)	during the specified business times (i.e. 7:00am**, 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (generally a calendar month). The **energy charges** relate to supply of energy at different times, with a lower rate in off-peak times, reflecting the availability of capacity and encouraging consumers to shift their load from business to off-peak times to utilise the available capacity.
LV TOU capacity network (103)	• Network access charge (cents/day/connection point) • Maximum demand (in billing period) (cents/kVA/day) • Capacity (max demand in last year) (cents/kVA/day) • Energy at business times* (cents/kWh) • Energy at evening times* (cents/kWh) • Energy at off-peak times* (cents/kWh)	This tariff is available to customers with an interval meter and a current transformer (CT) meter installed. The **fixed charge** applies per connection point, is a daily charge and does not vary with usage. The **maximum demand charge** is based on the highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified business times (i.e. 7:00am**, 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (generally a calendar month). The **capacity charge** is based on a customer's maximum half hourly demand over the previous 13 months inclusive of the current billing month. The **energy charges** relate to supply of energy at different times, with a lower rate in off-peak times, reflecting the availability of capacity and encouraging consumers to shift their load from business to off-peak times to utilise the available capacity.
LV kW Demand network (106)	• Network access charge (cents/day/connection point) • Energy charge (cents/kWh) • Maximum demand (in billing period) (cents/kW/day)	This tariff is the default tariff available to new LV commercial customers from 1 December 2017 who have a Type 4 meter installed without a CT meter. The fixed charge applies per connection point, is a daily charge and does not vary with usage. The energy charge varies with the level of consumption but not the time of day. The maximum demand charge is based on the customer's highest demand (measured in kW) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified business times (i.e. 7:00am**, 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (generally a calendar month).
Large scale battery – residential area (108)	• Net energy (cents/kWh) • Maximum demand (in billing period) (cents/kVA/day) • Capacity (maximum demand in past year) (cents/kVA/day) • Critical peak export rebate (cents/kVAh)	This tariff is continuing to be trialled in 2023/24. This tariff is available to commercial customers who meet the eligibility requirements set by Evoenergy. The **net energy charge** is levied on the electricity imported minus electricity exported (measured in kWh) by the large scale battery. The **maximum demand charge** will be based on the highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour,

	• Critical peak export charge (cents/kVAh)	during the specified residential area peak demand period (i.e. 5:00pm, 5:30pm, 6:00pm, 6:30pm, 7:00pm, 7:30pm, 8:00pm), within the billing period (generally a calendar month). The **capacity charge** is based on a customer's maximum half hourly demand over the previous 13 months inclusive of the current billing month. The **critical peak export rebate** provides customers who respond to a critical peak event with a credit on their network electricity bill. Customers on this tariff will be notified (by Evoenergy) of up to six critical peak rebate events (per financial year) up to 48 hours before the event commences. The maximum duration of each critical peak event is three hours. Customers who export during the critical peak event will receive a rebate based on the level of electricity exported (measured in kVAh) within the critical peak period. The **critical peak export charge** will apply when customers export during a critical peak event. Customers on this tariff will be notified (by Evoenergy) of up to six critical peak charge events (per financial year) up to 48 hours before the event commences. The maximum duration of each critical peak event is three hours. Customers who export during the critical peak event will pay the critical peak export charge based on the level of electricity exported (measured in kVAh) within the critical peak period.
Large scale battery – commercial area (109)	• Net energy (cents/kWh) • Maximum demand (in billing period) (cents/kVA/day) • Capacity (maximum demand in past year) (cents/kVA/day) • Critical peak export rebate (cents/kVAh) • Critical peak export charge (cents/kVAh)	This tariff is continuing to be trialled in 2023/24. This tariff is available to commercial customers who meet the eligibility requirements set by Evoenergy. The **net energy charge** is levied on the electricity imported minus electricity exported (measured in kWh) by the large-scale battery. The **maximum demand charge** will be based on the highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified commercial area peak demand period (i.e. 7:00am**, 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (generally a calendar month). The **capacity charge** is based on a customer's maximum half hourly demand over the previous 13 months inclusive of the current billing month. The **critical peak export rebate** provides customers who respond to a critical peak event with a credit on their network electricity bill. Customers on this tariff will be notified (by Evoenergy) of up to six critical peak rebate events (per financial year) up to 48 hours before the event commences. The maximum duration of each critical peak event is three hours. Customers who export during the critical peak event will receive a rebate based on the level of electricity exported (measured in kVAh) within the critical peak period. Evoenergy has set the **critical peak export charge** to zero for large-scale batteries located in commercial areas because there is no imbalance between demand and exports during the middle of the day in commercial areas, unlike residential areas.

Streetlighting (080)	• Network access charge (cents/day/customer) • Energy at any time (cents/kWh)	This tariff applies to the night-time lighting of streets and public ways and places. The **fixed charge** applies per customer, is a daily charge and does not vary with usage. The **energy charge** varies with the level of consumption but not the time of day.
Small unmetered loads (135)	• Network access charge (cents/day/customer) • Energy at any time (cents/kWh)	This tariff applies to eligible installations as determined by Evoenergy, including: • telephone boxes; • telecommunication devices; and • other, as determined by the National Metrology Coordinator. **Energy charges** are calculated based on the assessed rating of the load and the charge period.

All times refer to Australian Eastern Standard Time (AEST).

* Business times are between 7 am and 5 pm Australian Eastern Standard Time on weekdays. Evening times are between 5 pm and 10 pm Australian Eastern Standard Time on weekdays. Off-peak times are all other times.

** The first period starts at 07:00:01 and ends at 07:30:00 AEST.

2.2.1 Low voltage commercial tariff assignment policy

Evoenergy implemented refinements to the LV commercial tariff assignment policy from 1 July 2019. Specifically, customers with current transformer (CT) meters are assigned by default to the LV kVA TOU demand tariff, while customers without a CT meter (i.e. with a whole current meter) meter are assigned by default to the LV kW demand tariff. Both customer types (those with and without CT meters) have cost reflective opt-out options, as shown in Table 2.4.

The LV kW demand tariff is designed for smaller commercial customers (i.e. customers who generally do not have CT meters) who share common assets. These customers tend to have 'peakier' loads than large commercial customers. The LV kW demand tariff is better suited to small commercial customers.

LV commercial customers without Type 4 meters will remain on their existing tariff until their meter is changed to a Type 4 meter. The General Network tariff closed to new connections from 1 December 2017 and will eventually become obsolete as customers receive Type 4 meters and are placed onto more cost-reflective tariffs.

The exception to the above assignment policy is for small unmetered loads (code 135) and streetlighting (code 080). These tariffs do not vary with usage, or load profile, and therefore there is no need to transition these loads onto a demand tariff.

For completeness, Table 2.4 shows Evoenergy's LV commercial tariff assignment policy.

Table 2.4 Commercial tariff assignment policy

	Default	Opt-out
LV commercial without a CT meter	LV kW Demand*	• LV kVA TOU Demand • LV kVA TOU Capacity • General TOU
LV commercial with a CT meter	LV kVA TOU Demand	• LV TOU kVA Capacity • General TOU
HV commercial	HV TOU Demand (code 122)	Not applicable (mandatory default)

Notes: From 1 July 2019, LV commercial customers with a replacement meter remain on their existing network tariff until 12 months after their smart meter is installed, however they can opt-in to a cost reflective LV commercial tariff according to the assignment policy shown in the table above. Customers are ineligible to switch to one of these tariffs if they have been on the tariff in the previous 12 months.

*If requested by retailers, under specific scenarios, Evoenergy currently offers to backdate a demand tariff to a TOU tariff once per site in a 12-month period. Evoenergy reverses and reissues the bill (NUOS) for no more than 40 calendar days for commercial sites. This process applies to the LV kW demand tariff.

As explained in the AER's Draft Decision for 2019–24, customers who receive a Type 4 meter as a replacement for a Type 5 or 6 meter are to remain on their existing network tariff for 12 months before moving to a more cost-reflective network tariff.[26] Under this arrangement, customers with new connections or customer-initiated meter replacements will continue to be assigned to cost-reflective tariffs when their Type 4 meter is installed (with the option to opt-out, as per Table 2.4). When a new meter is installed for any other reason, the shift to a more cost reflective tariff (i.e. the default tariff option listed in Table 2.4) will be delayed by 12 months. This is reflected in Evoenergy's Revised TSS, which was approved in the AER's Final Decision.[27]

As per Evoenergy's Revised TSS, which was approved by the AER in its Final Decision,[28] the Off-peak (3) tariff (code 070) became obsolete to new commercial connections from 1 July 2019.

2.3 Network tariffs for high voltage customers

To qualify for the High Voltage tariffs, customers must take energy at high voltage (nominal voltage not less than 11 kV).

The structure of the demand charges within these HV tariffs changed from 1 July 2019. As approved by the AER in its Final Decision on Evoenergy's Revised TSS[29], the maximum demand charge of these tariffs changed from being based on 'anytime' maximum demand to 'peak-period' maximum demand. The peak period for these HV Commercial tariffs is the Business Time, specified as 7:00am[30] to 5:00pm on weekdays.

Evoenergy is trialling a Large-scale Battery tariff.[31] This tariff is available only to commercial customers with a stand-alone grid-connected battery that is a minimum size of 200kVA. Eligible

[26] AER, *Draft Decision - Evoenergy Distribution Determination 2019 to 2024, Attachment 18,* September 2018, p. 18-17 to 18-18.

[27] AER, *Final Decision – Evoenergy Distribution Determination 2019 to 2024, Overview*, April 2019, page 56.

[28] Ibid.

[29] Ibid

[30] The first period starts at 07:00:01 and ends at 07:30:00 AEST.

[31] Further details of this tariff trial are provided in Evoenergy's 2023/24 annual pricing proposal approved by the AER which is available here: https://www.aer.gov.au/networks-pipelines/determinations-access-arrangements/pricing-proposals-tariffs/evoenergy-annual-pricing-2023%E2%80%9324

commercial customers can opt-in to this tariff. They can also opt-out of this tariff in accordance with Evoenergy's current tariff assignment policy.

Evoenergy's High Voltage network tariff structure is shown in Table 2.5

Table 2.5 Network tariff structure: HV commercial

Tariff	Charging parameters	Explanation
HV TOU Demand Network (111)	• Network access charge (cents/day/connection point) • Maximum demand (in billing period) (cents/kVA/day) • Capacity (maximum demand in past year) (cents/kVA/day) • Energy at business times* (cents/kWh) • Energy at evening times* (cents/kWh) • Energy at off-peak times* (cents/kWh)	This tariff is appropriate for large customers taking supply at high voltage with a LV network owned and maintained by Evoenergy. The **network access charge** relates to the connection services provided to the customer. The **maximum demand charge** will be based on the highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified business times (i.e. 7:00am**, 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (a calendar month). The **capacity charge** is based on a customer's maximum half hourly demand over the previous 13 months inclusive of the current billing month. The **energy charges** relate to supply of network services at different times, with a lower rate in off-peak times, reflecting the relatively low costs of off-peak supply, and thereby providing incentives for customers to switch their utilisation of the network to off-peak periods. This tariff closed to new connections on 1 July 2019.
HV TOU Demand Network – Customer LV (121)	• Network access charge (cents/day/connection point) • Maximum demand (in billing period) (cents/kVA/day) • Capacity (maximum demand in past year) (cents/kVA/day) • Energy at business times* (cents/kWh) • Energy at evening times* (cents/kWh) • Energy at off-peak times* (cents/kWh)	This network tariff is appropriate for large customers taking supply at high voltage where the customer owns and is fully responsible for their own LV network. The **network access charge** relates to the connection services provided to the customer. The **maximum demand charge** will be based on the highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified business times (i.e. 7:00am**, 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (a calendar month). The **capacity charge** is based on a customer's maximum half hourly demand over the previous 13 months inclusive of the current billing month. The **energy charges** relate to supply of network services at different times, with a lower rate in off-peak times, reflecting the relatively low costs of off-peak supply, and thereby providing incentives for customers to switch their utilisation of the network to off-peak periods. This tariff closed to new connections on 1 July 2019.
HV TOU Demand Network –	• Network access charge	This network tariff is appropriate for large customers taking supply at high voltage where the customer owns and is fully responsible for their own LV network and where the customer

Customer HV and LV (122)	(cents/day/connection point) • Maximum demand (in billing period) (cents/kVA/day) • Capacity (maximum demand in past year) (cents/kVA/day) • Energy at business times* (cents/kWh) • Energy at evening times* (cents/kWh) • Energy at off-peak times* (cents/kWh)	owns and is responsible for their HV assets (including transformers and switch gear). The **network access charge** relates to the connection services provided to the customer. The **maximum demand charge** will be based on the highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified business times (i.e. 7:00am**, 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (a calendar month). The **capacity charge** is based on a customer's maximum half hourly demand over the previous 13 months inclusive of the current billing month. The **energy charges** relate to supply of network services at different times, with a lower rate in off-peak times, reflecting the relatively low costs of off-peak supply, and thereby providing incentives for customers to switch their utilisation of the network to off-peak periods.
Large scale battery – residential area (123)	• Net energy (cents/kWh) • Maximum demand (in billing period) (cents/kVA/day) • Capacity (maximum demand in past year) (cents/kVA/day) • Critical peak export rebate (cents/kVAh) • Critical peak export charge (cents/kVAh)	This tariff is continuing to be trialled in 2023/24. This tariff is available to commercial customers who meet the eligibility requirements set by Evoenergy.*** The **net energy charge** is levied on the electricity imported minus electricity exported (measured in kWh) by the large scale battery. The **maximum demand charge** will be based on the highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified residential area peak demand period (i.e. 5:00pm, 5:30pm, 6:00pm, 6:30pm, 7:00pm, 7:30pm, 8:00pm), within the billing period (generally a calendar month). The **capacity charge** is based on a customer's maximum half hourly demand over the previous 13 months inclusive of the current billing month. The **critical peak export rebate** provides customers who respond to a critical peak event with a credit on their network electricity bill. Customers on this tariff will be notified (by Evoenergy) of up to six critical peak rebate events (per financial year) up to 48 hours before the event commences. The maximum duration of each critical peak event is three hours. Customers who export during the critical peak event will receive a rebate based on the level of electricity exported (measured in kVAh) within the critical peak period. The **critical peak export charge** will apply when customers export during a critical peak event. Customers on this tariff will be notified (by Evoenergy) of up to six critical peak charge events (per financial year) up to 48 hours before the event commences. The maximum duration of each critical peak event is three hours. Customers who export during the critical peak event will pay the critical peak export charge based on the level of electricity exported (measured in kVAh) within the critical peak period.

Large scale battery – commercial area (124)	• Net energy (cents/kWh) • Maximum demand (in billing period) (cents/kVA/day) • Capacity (maximum demand in past year) (cents/kVA/day) • Critical peak export rebate (cents/kVAh) • Critical peak export charge (cents/kVAh)	This tariff is continuing to be trialled in 2023/24. This tariff is available to commercial customers who meet the eligibility requirements set by Evoenergy.*** The **net energy charge** is levied on the electricity imported minus electricity exported (measured in kWh) by the large-scale battery. The **maximum demand charge** will be based on the highest demand (measured in kVA) calculated over a 30-minute clocked interval, starting on the full or half hour, during the specified commercial area peak demand period (i.e. 7:00am**, 7:30am, 8:00am, 8:30am, etc. up to 5:00pm), within the billing period (generally a calendar month). The **capacity charge** is based on a customer's maximum half hourly demand over the previous 13 months inclusive of the current billing month. The **critical peak export rebate** provides customers who respond to a critical peak event with a credit on their network electricity bill. Customers on this tariff will be notified (by Evoenergy) of up to six critical peak rebate events (per financial year) up to 48 hours before the event commences. The maximum duration of each critical peak event is three hours. Customers who export during the critical peak event will receive a rebate based on the level of electricity exported (measured in kVAh) within the critical peak period. Evoenergy has set the **critical peak export charge** to zero for large-scale batteries located in commercial areas because there is no imbalance between demand and exports during the middle of the day in commercial areas, unlike residential areas.

All times refer to Australian Eastern Standard Time (AEST).

* Business times are between 7 am and 5 pm AEST on weekdays. Evening times are between 5 pm and 10 pm AEST on weekdays. Off-peak times are all other times.

** The first period starts at 07:00:01 and ends at 07:30:00 AEST.

*** See Section 2.3.1 for eligibility requirements for the large scale battery tariff trial.

2.3.1 High voltage tariff assignment policy

As per Evoenergy's Revised TSS, which was approved by the AER in its Final Decision,[32] all new HV commercial customers are assigned by default to tariff 122 (HV TOU Demand Network – Customer HV and LV) from 1 July 2019. On this tariff, the customer owns and is responsible for LV and HV assets at their premises that are beyond the connection point to the network.

From 1 July 2019, tariff 111 and tariff 121 were closed to new connections. Existing customers assigned to tariffs 111 and 121 can remain on these tariffs or switch to tariff 122 following consultation with Evoenergy.

Large-scale battery tariff

To be eligible for the large-scale battery tariffs (codes 123 and 124), a customer must:

- be a commercial low voltage (LV) or high voltage (HV) customer;[33]

[32] AER, *Final Decision – Evoenergy Distribution Determination 2019 to 2024, Overview*, April 2019, page 56.

[33] As defined under Evoenergy's Statement of Tariff Classes and Tariffs

- have a stand-alone grid-connected battery; and
- have a minimum battery size of 200kVA.

Customers interested in the large-scale battery tariff can contact Evoenergy to discuss eligibility. Customers on a large-scale battery tariff can opt-out to an eligible commercial tariff at any time in accordance with Evoenergy's current assignment policy.

2.4 Network charges for 2023/24

Evoenergy's network charges are made up of distribution charges, transmission charges, jurisdictional scheme charges and metering charges.[34]

- The distribution (DUOS) charges recover the cost of Evoenergy's electricity distribution service within the ACT.
- The transmission (TUOS) charges recover TransGrid's charges to Evoenergy for the delivery of energy to the ACT and most of Evoenergy's costs for sub-transmission services.
- Jurisdictional schemes (JS) charges include feed-in tariff schemes, the Utilities Network Facilities Tax and the Energy Industry Levy.

The AER regulates both Evoenergy's distribution charges and TransGrid's transmission charges. The National Electricity Rules (NER) also provide that Evoenergy is to recover the cost of jurisdictional schemes.

Table 2.6 shows Evoenergy's distribution, transmission, jurisdictional scheme and metering charges for 2023/24, excluding GST.

As explained in Section 1.1, Evoenergy's charges differ from those approved by the AER for 2023/24. This is because the AER's approved charges do not include amounts related to the ACT Government's Large-scale feed-in tariff (LFiT) scheme. This scheme is returning $68.45 million in rebates to customers in 2023/24 ('the LFiT rebate'), which will occur separately to the AER's approval of network charges.

The LFiT rebate has been applied as a negative adjustment to the AER's approved charges for 2023/24 and is equivalent to a reduction of 2.27 cents per kilowatt-hour (kWh) excluding GST, on average, across Evoenergy's tariffs. Where possible, the LFiT rebate has been applied to the consumption charges in Evoenergy's tariffs.[35] The LFiT rebate has been incorporated in the 'JS price' shown in Table 2.6.

For information on the 2023/24 network prices approved by the AER, see Evoenergy's 2023/24 network pricing proposal which was approved by the AER in May 2023.[36]

[34] Metering charges are discussed in Chapter 3.

[35] In some cases, it is not possible to apply the full price reduction to consumption charges (for example, where this would lead to negative prices or a distortion of price signals). In these cases, some of the price reduction has been applied to maximum demand and/or capacity charges.

[36] Evoenergy's approved 2023/24 pricing proposal is available at: https://www.aer.gov.au/networks-pipelines/determinations-access-arrangements/pricing-proposals-tariffs/evoenergy-annual-pricing-2023%E2%80%9324

Table 2.6 Network use of system (NUOS) charges 2023/24, excluding GST

Description	Units	DUOS price	TUOS price	JS price	Metering capital price	Metering non-capital price	NUOS price
Residential Tariffs							
010 Residential Basic Network							
Network access charge	cents/day	27.810	0.000	1.301	10.340	5.080	44.531
Energy at any time	cents/kWh	4.133	1.610	-1.764			3.979
011 Residential Basic Network XMC*							
Network access charge	cents/day	27.810	0.000	1.301		5.080	34.191
Energy at any time	cents/kWh	4.133	1.610	-1.764			3.979
015 Residential TOU Network							
Network access charge	cents/day	27.810	0.000	1.301	10.340	5.080	44.531
Energy consumption at max times	cents/kWh	8.282	3.221	-1.7080			9.795
Energy consumption at mid times	cents/kWh	2.819	1.206	-1.5780			2.447
Energy consumption at economy times	cents/kWh	1.381	0.591	-1.4720			0.500
016 Residential TOU Network XMC*							
Network access charge	cents/day	27.810	0.000	1.301		5.080	34.191
Energy consumption at max times	cents/kWh	8.282	3.221	-1.7080			9.795
Energy consumption at mid times	cents/kWh	2.819	1.206	-1.5780			2.447
Energy consumption at economy times	cents/kWh	1.381	0.591	-1.4720			0.500
020 Residential 5000 Network							
Network access charge	cents/day	51.315	0.000	1.301	10.340	5.080	68.036
Energy consumption for the first 60 kWh per day	cents/kWh	2.742	1.556	0.713			2.741
Energy consumption above 60 kWh per day	cents/kWh	3.527	2.001	0.917			4.175
021 Residential 5000 Network XMC*							
Network access charge	cents/day	51.315	0.000	1.301		5.080	57.696
Energy consumption for the first 60 kWh per day	cents/kWh	2.742	1.556	0.713			2.741
Energy consumption above 60 kWh per day	cents/kWh	3.527	2.001	0.917			4.175
025 Residential Demand Network							
Network access charge	cents/day	27.853	0.000	1.258	10.340		39.451
Energy consumption	cents/kWh	1.186	0.689	-1.375			0.500
Peak period maximum demand	c/kW/day	9.564	3.024	-0.741			11.847
026 Residential Demand Network XMC*							
Network access charge	cents/day	27.853	0.000	1.258			29.111
Energy consumption	cents/kWh	1.186	0.689	-1.375			0.500
Peak period maximum demand	c/kW/day	9.564	3.024	-0.741			11.847
027 Residential Battery Network							
Network access charge	cents/day	27.855	0.000	1.256	10.340		39.451
Energy consumption at max times	cents/kWh	3.034	1.417	6.078			10.529
Energy consumption at mid times	cents/kWh	1.025	0.612	5.179			6.816
Energy consumption at economy times	cents/kWh	0.501	0.300	2.553			3.354

Description	Units	DUOS price	TUOS price	JS price	Metering capital price	Metering non-capital price	NUOS price
Energy consumption during solar sponge times	cents/kWh	0.250	0.150	1.276			1.676
Peak period maximum demand: high season	c/kW/day	9.685	5.668	0.000			15.353
Peak period maximum demand: low season	c/kW/day	7.412	2.834	0.000			10.246
Critical Peak Export Rebate	cents/kWh	-195.647	0.000	0.000			-195.647
Export Threshold Charge : high season	cents/kWh	2.367	0.000	0.000			2.367
Export Threshold Charge : low season	cents/kWh	1.552	0.000	0.000			1.552
028 Residential Battery Network XMC*							
Network access charge	cents/day	27.855	0.000	1.256			29.111
Energy consumption at max times	cents/kWh	3.034	1.417	6.078			10.529
Energy consumption at mid times	cents/kWh	1.025	0.612	5.179			6.816
Energy consumption at economy times	cents/kWh	0.501	0.300	2.553			3.354
Energy consumption during solar sponge times	cents/kWh	0.250	0.150	1.276			1.676
Peak period maximum demand: high season	c/kW/day	9.685	5.668	0.000			15.353
Peak period maximum demand: low season	c/kW/day	7.412	2.834	0.000			10.246
Critical Peak Export Rebate	cents/kWh	-195.647	0.000	0.000			-195.647
Export Threshold Charge : high season	cents/kWh	2.367	0.000	0.000			2.367
Export Threshold Charge : low season	cents/kWh	1.552	0.000	0.000			1.552
030 Residential with Heat Pump Network							
Network access charge	cents/day	98.650	0.000	1.300	10.340	5.080	115.370
Energy consumption for the first 165 kWh per day	cents/kWh	1.168	1.494	-1.540			1.122
Energy consumption above 165 kWh per day	cents/kWh	2.219	2.839	-0.882			4.176
031 Residential with Heat Pump Network XMC*							
Network access charge	cents/day	98.650	0.000	1.300		5.080	105.030
Energy consumption for the first 165 kWh per day	cents/kWh	1.168	1.494	-1.540			1.122
Energy consumption above 165 kWh per day	cents/kWh	2.219	2.839	-0.882			4.176
060 Off-Peak (1) Night Network							
Energy at controlled times	cents/kWh	0.229	0.702	0.000			0.931
070 Off-Peak (3) Day & Night Network							
Energy at controlled times	cents/kWh	0.349	1.081	0.000			1.430
LV Commercial Tariffs							
040 General Network							
Network access charge	cents/day	51.937	0.000	1.301	18.080	8.900	80.218
Energy consumption for the first 330 kWh per day	cents/kWh	7.614	2.000	-1.535			8.079
Energy consumption above 330 kWh per day	cents/kWh	9.890	2.598	-1.315			11.173
041 General Network XMC*							
Network access charge	cents/day	51.937	0.000	1.301	18.080	8.900	80.218
Energy consumption for the first 330 kWh per day	cents/kWh	7.614	2.000	-1.535			8.079

Description	Units	DUOS price	TUOS price	JS price	Metering capital price	Metering non-capital price	NUOS price
Energy consumption above 330 kWh per day	cents/kWh	9.890	2.598	-1.315			11.173
135 Small Unmetered Loads Network							
Network access charge	cents/day	41.990	0.000	1.301			43.291
Energy consumption	cents/kWh	8.378	1.805	-1.494			8.687
080 Streetlighting Network							
Network access charge	cents/day	52.265	0.000	1.300	18.080	8.900	80.545
Energy consumption	cents/kWh	4.787	1.514	-1.494			4.807
081 Streetlighting Network XMC*							
Network access charge	cents/day	52.265	0.000	1.300		8.900	62.465
Energy consumption	cents/kWh	4.787	1.514	-1.494			4.807
090 General TOU Network							
Network access charge	cents/day	51.937	0.000	1.301	18.080	8.900	80.218
Energy consumption at business times	cents/kWh	10.836	4.007	-1.123			13.720
Energy consumption at evening times	cents/kWh	6.213	0.585	-1.383			5.415
Energy consumption at off-peak times	cents/kWh	2.809	0.265	-1.869			1.205
091 General TOU Network XMC*							
Network access charge	cents/day	51.937	0.000	1.301		8.900	62.138
Energy consumption at business times	cents/kWh	10.836	4.007	-1.123			13.720
Energy consumption at evening times	cents/kWh	6.213	0.585	-1.383			5.415
Energy consumption at off-peak times	cents/kWh	2.809	0.265	-1.869			1.205
101 LV TOU kVA Demand Network							
Network access charge per connection point	cents/day	58.518	0.000	1.300	145.930	72.110	277.858
Maximum demand charge	c/kVA/day	24.285	9.833	-6.152			27.966
Energy consumption at business times	cents/kWh	3.538	1.269	-0.982			3.825
Energy consumption at evening times	cents/kWh	1.952	0.700	-1.559			1.093
Energy consumption at off-peak times	cents/kWh	1.063	0.381	-0.944			0.500
103 LV TOU Capacity Network							
Network access charge per connection point	cents/day	58.518	0.000	1.300	145.930	72.110	277.858
Maximum demand charge	c/kVA/day	12.221	3.209	-7.848			7.582
Capacity charge	c/kVA/day	12.221	3.209	0.000			15.430
Energy consumption at business times	cents/kWh	2.971	1.738	-0.931			3.778
Energy consumption at evening times	cents/kWh	1.640	0.959	-1.531			1.068
Energy consumption at off-peak times	cents/kWh	0.892	0.522	-0.914			0.500
104 LV TOU kVA Demand Network XMC*							
Network access charge per connection point	cents/day	58.518	0.000	1.300		72.110	131.928
Maximum demand charge	c/kVA/day	24.285	9.833	-6.152			27.966
Energy consumption at business times	cents/kWh	3.538	1.269	-0.982			3.825
Energy consumption at evening times	cents/kWh	1.952	0.700	-1.559			1.093
Energy consumption at off-peak times	cents/kWh	1.063	0.381	-0.944			0.500
105 LV TOU Capacity Network XMC*							

Description	Units	DUOS price	TUOS price	JS price	Metering capital price	Metering non-capital price	NUOS price
Network access charge per connection point	cents/day	58.518	0.000	1.300		72.110	131.928
Maximum demand charge	c/kVA/day	12.221	3.209	-7.848			7.582
Capacity charge	c/kVA/day	12.221	3.209	0.000			15.430
Energy consumption at business times	cents/kWh	2.971	1.738	-0.931			3.778
Energy consumption at evening times	cents/kWh	1.640	0.959	-1.531			1.068
Energy consumption at off-peak times	cents/kWh	0.892	0.522	-0.914			0.500
106 LV Demand Network							
Network access charge	cents/day	51.937	0.000	1.301	18.080		71.318
Energy consumption	cents/kWh	3.005	0.597	-1.513			2.089
Peak period maximum demand	c/kW/day	22.396	10.868	0.097			33.361
107 LV Demand Network XMC*							
Network access charge	cents/day	51.937	0.000	1.301			53.238
Energy consumption	cents/kWh	3.005	0.597	-1.513			2.089
Peak period maximum demand	c/kW/day	22.396	10.868	0.097			33.361
108 LV Stand-Alone Battery Network (residential)							
Capacity charge	c/kVA/day	2.425	0.374	0.000			2.799
Net energy consumption charge	cents/kWh	0.000	0.000	0.500			0.500
Peak period maximum demand: high season	c/kVA/day	25.580	3.950	-1.964			27.566
Peak period maximum demand: low season	c/kVA/day	22.302	3.444	-1.291			24.455
Critical Peak Export Rebate	cents/kWh	-140.804	-21.742	0.000			-162.545
Critical Peak Export Charge	cents/kWh	297.667	45.964	0.000			343.630
109 LV Stand-Alone Battery Network (commercial)							
Capacity charge	c/kVA/day	14.880	3.410	0.000			18.290
Net energy consumption charge	cents/kWh	0.000	0.000	0.776			0.776
Peak period maximum demand: high season	c/kVA/day	13.542	3.103	0.000			16.645
Peak period maximum demand: low season	c/kVA/day	11.285	2.586	0.000			13.871
Critical Peak Export Rebate	cents/kWh	-132.241	-30.305	0.000			-162.546
Critical Peak Export Charge	cents/kWh	0.000	0.000	0.000			0.000
HV Commercial Tariffs							
111 HV TOU Demand Network							
Network access charge per connection point	$/day	20.990	0.000	0.875			21.865
Maximum demand charge	c/kVA/day	10.152	4.302	-10.542			3.912
Capacity charge	c/kVA/day	10.152	4.302	0.000			14.454
Energy consumption at business times	cents/kWh	1.578	1.152	-1.016			1.714
Energy consumption at evening times	cents/kWh	0.896	0.654	-1.050			0.500
Energy consumption at off-peak times	cents/kWh	0.522	0.381	-0.403			0.500
121 HV TOU Demand Network – Customer LV							
Network access charge per connection point	$/day	20.990	0.000	0.875			21.865
Maximum demand charge	c/kVA/day	7.707	6.747	-12.644			1.810

Description	Units	DUOS price	TUOS price	JS price	Metering capital price	Metering non-capital price	NUOS price
Capacity charge	c/kVA/day	7.707	6.747	-1.004			13.450
Energy consumption at business times	cents/kWh	1.633	0.409	-1.032			1.010
Energy consumption at evening times	cents/kWh	0.966	0.242	-0.708			0.500
Energy consumption at off-peak times	cents/kWh	0.581	0.145	-0.226			0.500
122 HV TOU Demand Network – Customer HV and LV							
Network access charge per connection point	$/day	20.990	0.000	0.875			21.865
Maximum demand charge	c/kVA/day	6.534	6.874	-11.598			1.810
Capacity charge	c/kVA/day	6.534	6.874	-3.177			10.231
Energy consumption at business times	cents/kWh	1.410	0.582	-0.982			1.010
Energy consumption at evening times	cents/kWh	0.834	0.344	-0.678			0.500
Energy consumption at off-peak times	cents/kWh	0.501	0.207	-0.208			0.500
123 HV Stand-alone battery network (residential) with export							
Capacity charge	c/kVA/day	2.223	0.569	0.000			2.792
Net energy consumption charge	c/kVA/day	0.000	0.000	0.500			0.500
Peak period maximum demand: high season	c/kVA/day	15.928	4.073	-1.209			18.792
Peak period maximum demand: low season	c/kVA/day	13.273	3.394	-0.794			15.873
Critical Peak Export Rebate	cents/kWh	-129.443	-33.102	0.000			-162.545
Critical Peak Export Charge	cents/kWh	68.961	17.635	0.000			86.596
124 HV Stand-alone battery network (commercial) with export							
Capacity charge	c/kVA/day	7.352	2.001	0.000			9.353
Net energy consumption charge	c/KkA/day	0.000	0.000	0.500			0.500
Peak period maximum demand: high season	c/kVA/day	10.408	2.832	-1.209			12.031
Peak period maximum demand: low season	c/kVA/day	8.673	2.360	-0.794			10.239
Critical Peak Export Rebate	cents/kWh	-127.775	-34.771	0.000			-162.546
Critical Peak Export Charge	cents/kWh	0.000	0.000	0.000			0.000

* XMC tariffs exclude metering capital charges

2.5 Changes in network charges in 2023/24

Evoenergy's NUOS charges for 2023/24 are, on average, 55 per cent lower in nominal terms than charges in 2022/23,[37] reflecting a decrease in the total NUOS revenue requirement between 2022/23 and 2023/24, and including the impacts of the LFiT rebate. Table 2.7 compares Evoenergy's 2023/24 and 2022/23 NUOS tariff charges (which exclude metering charges).

[37] This is calculated by comparing the forecast NUOS revenue in 2023/24 (after accounting for the LFiT rebate) to estimated NUOS revenue in 2022/23. Both revenue estimates are calculated using 2023/24 forecast volumes.

Table 2.7 2022/23 and 2023/24 NUOS tariffs, excluding metering (nominal)

Description	Units	NUOS 2022/23	NUOS 2023/24	Change (units)	Change (%)
Residential Tariffs					
010 Residential Basic Network					
Network access charge	cents/day	29.111	29.111	0.000	0%
Energy at any time	cents/kWh	10.494	3.979	-6.515	-62%
015 Residential TOU Network					
Network access charge	cents/day	29.111	29.111	0.000	0%
Energy consumption at max times	cents/kWh	17.511	9.795	-7.716	-44%
Energy consumption at mid times	cents/kWh	9.306	2.447	-6.859	-74%
Energy consumption at economy times	cents/kWh	4.560	0.500	-4.060	-89%
020 Residential 5000 Network					
Network access charge	cents/day	52.616	52.616	0.000	0%
Energy consumption for the first 60 kWh per day	cents/kWh	8.947	2.741	-6.206	-69%
Energy consumption above 60 kWh per day	cents/kWh	10.494	4.175	-6.319	-60%
025 Residential Demand Network					
Network access charge	cents/day	29.111	29.111	0.000	0%
Energy consumption	cents/kWh	4.560	0.500	-4.060	-89%
Peak period maximum demand	c/kW/day	19.344	11.847	-7.497	-39%
027 Residential Battery Network					
Network access charge	cents/day	29.111	29.111	0.000	0%
Energy consumption at max times	cents/kWh	10.529	10.529	0.000	0%
Energy consumption at mid times	cents/kWh	6.816	6.816	0.000	0%
Energy consumption at economy times	cents/kWh	3.354	3.354	0.000	0%
Energy consumption during solar sponge times	cents/kWh	1.676	1.676	0.000	0%
Peak period maximum demand: high season	c/kW/day	15.353	15.353	0.000	0%
Peak period maximum demand: low season	c/kW/day	10.246	10.246	0.000	0%
Critical Peak Export Rebate	cents/kWh	-195.647	-195.647	0.000	0%
Export Threshold Charge : high season	cents/kWh	2.367	2.367	0.000	0%
Export Threshold Charge : low season	cents/kWh	1.552	1.552	0.000	0%
030 Residential with Heat Pump Network					
Network access charge	cents/day	99.950	99.950	0.000	0%
Energy consumption for the first 165 kWh per day	cents/kWh	7.174	1.122	-6.052	-84%
Energy consumption above 165 kWh per day	cents/kWh	10.494	4.176	-6.318	-60%
060 Off-Peak (1) Night Network					
Energy at controlled times	cents/kWh	3.640	0.931	-2.709	-74%
070 Off-Peak (3) Day & Night Network					
Energy at controlled times	cents/kWh	5.031	1.430	-3.601	-72%
LV Commercial Tariffs					
040 General Network					
Network access charge	cents/day	53.238	53.238	0.000	0%
Energy consumption for the first 330 kWh per day	cents/kWh	15.450	8.079	-7.371	-48%

Description	Units	NUOS 2022/23	NUOS 2023/24	Change (units)	Change (%)
Energy consumption above 330 kWh per day	cents/kWh	20.069	11.173	-8.896	-44%
135 Small Unmetered Loads Network					
Network access charge	cents/day	43.291	43.291	0.000	0%
Energy consumption	cents/kWh	15.592	8.687	-6.905	-44%
080 Streetlighting Network					
Network access charge	cents/day	53.565	53.565	0.000	0%
Energy consumption	cents/kWh	10.951	4.807	-6.144	-56%
090 General TOU Network					
Network access charge	cents/day	53.238	53.238	0.000	0%
Energy consumption at business times	cents/kWh	22.968	13.720	-9.248	-40%
Energy consumption at evening times	cents/kWh	12.449	5.415	-7.034	-57%
Energy consumption at off-peak times	cents/kWh	5.629	1.205	-4.424	-79%
101 LV TOU kVA Demand Network					
Network access charge per connection point	cents/day	59.818	59.818	0.000	0%
Maximum demand charge	c/kVA/day	47.084	27.966	-19.118	-41%
Energy consumption at business times	cents/kWh	11.001	3.825	-7.176	-65%
Energy consumption at evening times	cents/kWh	6.070	1.093	-4.977	-82%
Energy consumption at off-peak times	cents/kWh	3.304	0.500	-2.804	-85%
103 LV TOU Capacity Network					
Network access charge per connection point	cents/day	59.818	59.818	0.000	0%
Maximum demand charge	c/kVA/day	21.222	7.582	-13.640	-64%
Capacity charge	c/kVA/day	21.222	15.430	-5.792	-27%
Energy consumption at business times	cents/kWh	11.056	3.778	-7.278	-66%
Energy consumption at evening times	cents/kWh	6.101	1.068	-5.033	-82%
Energy consumption at off-peak times	cents/kWh	3.320	0.500	-2.820	-85%
106 LV Demand Network					
Network access charge	cents/day	53.238	53.238	0.000	0%
Energy consumption	cents/kWh	7.327	2.089	-5.238	-71%
Peak period maximum demand	c/kW/day	48.635	33.361	-15.274	-31%
108 LV Stand-Alone Battery Network (residential)					
Capacity charge	c/kVA/day	2.799	2.799	0.000	0%
Net energy consumption charge	cents/kWh	4.100	0.500	-3.600	-88%
Peak period maximum demand: high season	c/kVA/day	43.050	27.566	-15.484	-36%
Peak period maximum demand: low season	c/kVA/day	37.532	24.455	-13.077	-35%
Critical Peak Export Rebate	cents/kWh	-159.336	-162.545	-3.209	2%
Critical Peak Export Charge	cents/kWh	119.023	343.630	224.607	189%
109 LV Stand-Alone Battery Network (commercial)					
Capacity charge	c/kVA/day	18.290	18.290	0.000	0%
Net energy consumption charge	cents/kWh	4.100	0.776	-3.324	-81%
Peak period maximum demand: high season	c/kVA/day	21.710	16.645	-5.065	-23%
Peak period maximum demand: low season	c/kVA/day	16.191	13.871	-2.320	-14%

Description	Units	NUOS 2022/23	NUOS 2023/24	Change (units)	Change (%)
Critical Peak Export Rebate	cents/kWh	-159.336	-162.546	-3.210	2%
Critical Peak Export Charge	cents/kWh	119.023	0.000	-119.023	-100%
HV Commercial Tariffs					
111 HV TOU Demand Network					
Network access charge per connection point	$/day	21.865	21.865	0.000	0%
Maximum demand charge	c/kVA/day	18.340	3.912	-14.428	-79%
Capacity charge	c/kVA/day	18.340	14.454	-3.886	-21%
Energy consumption at business times	cents/kWh	8.668	1.714	-6.954	-80%
Energy consumption at evening times	cents/kWh	4.924	0.500	-4.424	-90%
Energy consumption at off-peak times	cents/kWh	2.866	0.500	-2.366	-83%
121 HV TOU Demand Network – Customer LV					
Network access charge per connection point	$/day	21.865	21.865	0.000	0%
Maximum demand charge	c/kVA/day	18.339	1.810	-16.529	-90%
Capacity charge	c/kVA/day	18.339	13.450	-4.889	-27%
Energy consumption at business times	cents/kWh	7.794	1.010	-6.784	-87%
Energy consumption at evening times	cents/kWh	4.610	0.500	-4.110	-89%
Energy consumption at off-peak times	cents/kWh	2.771	0.500	-2.271	-82%
122 HV TOU Demand Network – Customer HV and LV					
Network access charge per connection point	$/day	21.865	21.865	0.000	0%
Maximum demand charge	c/kVA/day	16.954	1.810	-15.144	-89%
Capacity charge	c/kVA/day	16.954	10.231	-6.723	-40%
Energy consumption at business times	cents/kWh	7.794	1.010	-6.784	-87%
Energy consumption at evening times	cents/kWh	4.609	0.500	-4.109	-89%
Energy consumption at off-peak times	cents/kWh	2.772	0.500	-2.272	-82%
123 HV Stand-alone battery network (residential) with export					
Capacity charge	c/kVA/day	2.792	2.792	0.000	0%
Net energy consumption charge	c/kVA/day	3.638	0.500	-3.138	-86%
Peak period maximum demand: high season	c/kVA/day	28.131	18.792	-9.339	-33%
Peak period maximum demand: low season	c/kVA/day	20.731	15.873	-4.858	-23%
Critical Peak Export Rebate	cents/kWh	-80.307	-162.545	-82.238	102%
Critical Peak Export Charge	cents/kWh	119.023	86.596	-32.427	-27%
124 HV Stand-alone battery network (commercial) with export					
Capacity charge	c/kVA/day	9.353	9.353	0.000	0%
Net energy consumption charge	c/KkA/day	3.638	0.500	-3.138	-86%
Peak period maximum demand: high season	c/kVA/day	19.123	12.031	-7.092	-37%
Peak period maximum demand: low season	c/kVA/day	11.724	10.239	-1.485	-13%
Critical Peak Export Rebate	cents/kWh	-80.307	-162.546	-82.239	102%
Critical Peak Export Charge	cents/kWh	119.023	0.000	-119.023	-100%

3 Charges for alternative control services

Evoenergy's Alternative Control Services comprise Type 5 and Type 6 metering services, ancillary services and quoted services. Metering charges are set out in Section 3.1 followed by ancillary service charges in Section 3.2.

3.1 The structure and basis of Evoenergy's metering charges

There are two types of Evoenergy metering service charges, as set out in the AER's Final Decision for the 2019–24 regulatory control period:[38]

- A capital cost component that is applied to customers who were connected prior to 1 July 2015.
- A non-capital cost component that is applied to customers connected prior to 1 July 2015 and to those with new connections from 1 July 2015 that have paid in full for their meters. This charge continues to apply until a customer's meter is replaced with an unregulated Type 4 meter (from 1 December 2017).

Both charges are a fixed charge in cents per day – the charge does not vary with electricity consumption or demand.

For meters installed before 1 July 2015, Evoenergy paid upfront for the capital costs of the meters which were then added to the Regulated Asset Base and recovered gradually, over the life of the meter, through annual charges. These charges will continue until the value of Evoenergy's metering Regulated Asset Base falls to a value of zero.

The capital cost of regulated meters installed between 1 July 2015 and 31 March 2018[39] was paid by customers upon installation, and as a result these customers do not pay ongoing metering capital charges to Evoenergy. Evoenergy and retailers are be able to identify, through the network billing system, which customers have paid for their meters upfront and are therefore not liable for the metering capital charge.

Non-capital charges are paid by all customers with a regulated Type 5 or Type 6 meter. Non-capital charges cover ongoing operational costs such as meter reading and data processing.

In accordance with the Metering Rule Change,[40] Type 4 meters became the standard electricity meter in the ACT for new connections and meter replacements from 1 December 2017.[41] From 1 December 2017, no new network connections with an unregulated Type 4 meter pay metering capital charges to Evoenergy. These customers instead pay unregulated Metering Co-ordinator charges to their retailer.

The AER set caps for the annual metering capital and non-capital charges in its Final Decision for the 2019–24 regulatory control period.[42] These price caps are shown in Table 3.2 and Table 3.3 for metering non-capital and metering capital charges, respectively. Section 2.4 contains a table showing all 2023/24 NUOS tariff charges including metering charges.

The application of metering charges for different types of customers is shown in Table 3.1.

[38] AER 2019, *Final Decision – Evoenergy Distribution Determination 2019 to 2024, Attachment 15: Alternative Control Services*, April 2019, page 15-22
[39] The final day Evoenergy was permitted to install meters under transitional arrangements.
[40] AEMC 2015, *National Electricity Amendment (Expanding competition in metering and related services) Rule 2015*, 26 November 2015
[41] Evoenergy were permitted to continue installing Type 5 and Type 6 meters until 31 March 2018, at premises where a service order had been received prior to 1 December 2017
[42] AER 2019, *Evoenergy 2019–24 – Final Decision – Ancillary services cost build-up*, April 2019

Table 3.1 Application of metering charges

Type of customer	Pays Evoenergy ongoing metering capital charge	Paid Evoenergy upfront metering capital charge	Metering capital charge excluded from tariff	Pays Evoenergy ongoing metering non-capital charge
• Meter installed before 1/7/15 • Meter replaced (in accordance with law) between 1/7/15 and 1/12/17 • Evoenergy continues to provide metering services	Yes	No	No	Yes
• Meter installed before 1/7/15 • Customer requested new meter (e.g., for PV system) • Evoenergy installed new meter (before 1/12/17) • Evoenergy continues to provide metering services	Yes	Yes	No	Yes
• Meter installed before 1/7/15 • Customer requested new meter (e.g., for PV system) • Evoenergy installed new meter (before 1/12/17) • Customer switches to another metering provider after 1/12/17	Yes	Yes	No	No
• Meter is replaced (in accordance with law) between 1/7/15 and 1/12/17 by Responsible Person • Meter is replaced (in accordance with law) after 1/12/17 by Metering Coordinator • Evoenergy does not provide metering services				
• New meter (not a replacement) installed between 1/7/15 and 1/12/17 • Evoenergy continues to provide metering services	No	Yes	Yes	Yes
• Meter installed before 1/7/15 • Meter is replaced (in accordance with law) after 1/12/17 by Metering Coordinator • Evoenergy does not provide metering services after meter is replaced	Yes	No	No	No
• New connection between 1/7/15 and 1/12/17 • Meter is replaced (in accordance with the law) after 1/12/17 by Metering Coordinator (not Evoenergy) • Evoenergy does not provide metering services after meter is replaced	No	Yes	Yes	No
• New connection from 1/12/17 • Evoenergy does not install the new meter • Evoenergy does not provide metering services	No	No	Yes	No

The small unmetered loads tariff does not include metering charges because Evoenergy has not connected meters to these loads. In addition, the off-peak network tariffs do not include metering charges because the metering charges are associated with the customer's primary tariff, not the supplementary off-peak tariff. High-voltage network tariffs also exclude metering charges because Evoenergy has not provided manually read meters to these customers – these customers are required to use remotely read (Types 1-4) meters.

3.1.1 Metering non-capital charges for 2023/24

Evoenergy recovers metering non-capital charges from all customers with a Type 5 or Type 6 meter installed. A schedule of these fees is set out in Table 3.2. Evoenergy's schedule of metering non-capital charges comprises five separate charges. The charge applied to a customer depends on whether they have a basic or interval meter, and whether the meter is read monthly or quarterly.

Table 3.2 Metering non-capital charges, 2023/24

Code	Description	Unit	GST exclusive price	GST inclusive price
MP1	Quarterly metering non-capital rate	cents/day/NMI	5.08	5.59
MP2	Monthly non-interval metering non-capital rate	cents/day/NMI	8.90	9.79
MP3	Monthly interval metering non-capital rate	cents/day/NMI	8.90	9.79
MP4	Monthly manually-read interval metering non-capital rate	cents/day/NMI	72.11	79.32
MP6	Quarterly manually-read interval metering non-capital rate	cents/day/NMI	20.52	22.57

3.1.2 Metering capital charges for 2023/24

Evoenergy recovers metering capital charges from customers with a Type 5 or Type 6 meter installed before 1 July 2015. A schedule of these fees is set out in Table 3.3. Evoenergy's schedule of metering capital charges comprises four separate charges. The charge applied to a customer depends on whether they have a basic or interval meter, and whether the meter is read monthly or quarterly.

Table 3.3 Metering capital charges, 2023/24

Code	Description	Unit	GST exclusive price	GST inclusive price
MP7	Quarterly manually-read interval metering capital rate	cents/day/NMI	10.34	11.37
MP8	Monthly non-interval metering capital rate	cents/day/NMI	18.08	19.89
MP9	Monthly multi-register non-interval metering capital rate	cents/day/NMI	18.08	19.89
MP10	Monthly manually-read interval metering capital rate	cents/day/NMI	145.93	160.52

3.2 Ancillary services

There are two types of ancillary network services – fee-based services and quoted services. Each of these are explained in the sections below.

3.2.1 Fee based services

Charges for fee-based services are typically set by the AER to reflect the costs of providing the service. Table 3.4 shows the price cap charges for fee-based services in 2023/24 in accordance with the AER's Final Decision.[43]

[43] AER 2019, *Final Decision – Evoenergy Distribution Determination 2019 to 2024, Attachment 15: Alternative Control Services*, April 2019, p 15-13 to 15-20.

Table 3.4 Fee-based ancillary services charges, 2023/24

Code	Description	Unit	GST exclusive price	GST inclusive price
Premise re-energisation - Existing network connection				
501	Re-energise premise – Business Hours	per visit	$93.09	$102.40
502	Re-energise premise – After Hours	per visit	$116.24	$127.86
Premise De-energisation – Existing Network Connection				
503	De-energise premise – Business Hours	per visit	$93.09	$102.40
505	De-energise premise for debt non-payment	per visit	$186.19	$204.81
Meter investigations				
504	Meter Test (Whole Current) – Business Hours	per test	$372.38	$409.62
510	Meter Test (CT/VT) – Business Hours	per test	$558.72	$614.59
Special meter services				
506	Special meter read	per read	$40.28	$44.31
Power of Choice services				
515	Move, remove, inspect or reconfigure meter	per movement, inspection or re-configure	$186.19	$204.81
516	Establish temporary/permanent supply	per establishment	$139.63	$153.59
517	Faults investigation (meter malfunction)	per investigation	$139.63	$153.59
518	Faults investigation (meter bypassed)	per investigation	$186.19	$204.81
519	Faults investigation (customer's side of network boundary)	per investigation	$93.09	$102.40
Temporary Network Connections				
520	Temporary Builders' Supply – Overhead (Business Hours)	per installation	$605.18	$665.70
522	Temporary Builders' Supply – Underground (Business Hours)	per installation	$1,163.75	$1,280.13
New Network Connections				
523	New Underground Service Connection – Greenfield	per installation	$0.00	$0.00
526	New Overhead Service Connection – Brownfield (Business Hours)	per installation	$885.28	$973.81
527	New Underground Service Connection – Brownfield from Front	per installation	$1,443.03	$1,587.33
528	New Underground Service Connection – Brownfield from Rear	per installation	$1,443.03	$1,587.33

Code	Description	Unit	GST exclusive price	GST inclusive price
Network Connection Alterations and Additions				
541	Overhead Service Relocation – Single Visit (Business Hours)	per installation	$744.75	$819.23
542	Overhead Service Relocation – Two Visits (Business Hours)	per installation	$1,489.52	$1,638.47
543	Overhead Service Upgrade – Service Cable Replacement Not Required	per installation	$744.75	$819.23
544	Overhead Service Upgrade – Service Cable Replacement Required	per installation	$791.36	$870.50
545	Underground Service Upgrade – Service Cable Replacement Not Required	per installation	$558.56	$614.42
546	Underground Service Upgrade – Service Cable Replacement Required	per installation	$1,443.03	$1,587.33
547	Underground Service Relocation – Single Visit (Business Hours)	per installation	$1,443.03	$1,587.33
548	Install surface mounted POE box	per installation	$683.46	$751.81
549	Overhead Service Temporary Disconnect Reconnect same day (Business Hours)	per installation	$1,117.13	$1,228.84
Temporary De-energisation				
560	LV temporary network infrastructure de-energisation (Business Hours)	per occurrence	$744.75	$819.23
561	HV temporary network infrastructure de-energisation (Business Hours)	per occurrence	$744.75	$819.23
Supply Abolishment / Removal				
562	Supply Abolishment / Removal – Overhead (Business Hours)	per site visit	$558.56	$614.42
563	Supply Abolishment / Removal – Underground (Business Hours)	per site visit	$1,396.41	$1,536.05
Miscellaneous Customer Initiated Services				
564	Install & Remove Tiger Tails – Establishment (Business Hours)	per installation	$1,395.49	$1,535.04
565	Install & Remove Tiger Tails – Per Span (Business Hours)	per installation	$2,148.02	$2,362.82
566	Install & Remove Warning Flags – Installation (Business Hours)	per installation	$1,395.49	$1,535.04
567	Install & Remove Tiger Tails – Per Span (Business Hours)	per installation	$1,859.37	$2,045.31
Operational & Maintenance Fees - Export Only Embedded Generation Installations up to 5MW				
568	Embedded Generation OPEX Fees – Connection Assets	per annum	2%	2%
569	Embedded Generation OPEX Fees – Shared Network Assets	per annum	2%	2%
Connection Enquiry Processing - Embedded Generation Installations*				
570	Embedded Generation Connection Enquiry – Class 1 (Commercial)	per installation	$512.02	$563.22
596	Embedded Generation Connection Enquiry – Class 2	per installation	$640.00	$704.00

Code	Description	Unit	GST exclusive price	GST inclusive price
597	Embedded Generation Connection Enquiry – Class 3	per installation	$768.01	$844.81
598	Embedded Generation Connection Enquiry – Class 4	per installation	$896.01	$985.61
599	Embedded Generation Connection Enquiry – Class 5	per installation	$1,024.01	$1,126.41
600	Embedded Generation Connection Enquiry – Class 6	per installation	$1,152.02	$1,267.22
Network Design & Investigation / Analysis Services - Embedded Generation Installations†				
574	Embedded Generation Network Technical Study – Class 1 (Commercial)	per installation	$2,048.03	$2,252.83
575	Embedded Generation Network Technical Study – Class 2	per installation	$4,096.05	$4,505.66
576	Embedded Generation Network Technical Study – Class 3	per installation	$8,192.12	$9,011.33
577	Embedded Generation Network Technical Study – Class 4	per installation	$12,288.17	$13,516.99
578	Embedded Generation Network Technical Study – Class 5	per installation	$16,384.22	$18,022.64
579	Embedded Generation Network Technical Study – Class 6	per installation	$20,480.28	$22,528.31
Contract Administration, Commissioning and Testing - Embedded Generation Installations up to 5MW				
669	Embedded Generation - Connection Contract Establishment – Class 1 (Commercial) to Class 6	per establishment	$4,096.05	$4,505.66
Provision of Data for Network Technical Study - Embedded Generation Installations over 5MW				
670	Embedded Generator Network Technical Study – Embedded Generation over 5MW	per provision	$20,480.28	$22,528.31
Rescheduled Site Visits				
590	Rescheduled Site Visit – One Person	per site visit	$186.19	$204.81
591	Rescheduled Site Visit – Service Team	per site visit	$800.98	$881.08
Trenching charges				
592	Trenching – first 2 meters	per visit	$664.91	$731.40
593	Trenching – subsequent meters	per meter	$154.62	$170.08
Boring charges				
594	Under footpath	per occurrence	$1,206.12	$1,326.73
595	Under driveway	per occurrence	$1,438.09	$1,581.90
Cable Testing				
603	Spiking/Cable Testing (Business Hours) – Evoenergy network cables only	per test	$1,095.52	$1,205.07
604	Spiking/Cable Testing (After Hours) – Evoenergy network cables only	per test	$1,409.84	$1,550.82

Code	Description	Unit	GST exclusive price	GST inclusive price
Testing of Substation HV/LV Earthing or Soil Resistivity				
605	Substation HV/LV Earthing/Soil Resistivity Testing (Business Hours)	per test	$1,291.96	$1,421.16
606	Substation HV/LV Earthing/Soil Resistivity Testing (After Hours)	per test	$1,684.89	$1,853.38
Termination of Consumer Mains - up to 50mm² Al or Cu - Note 1				
607	1x 4 Core Or 4x 1 Core (1 Set) Consumer Mains (Business Hours)	per termination	$1,519.68	$1,671.65
608	1x 4 Core Or 4x 1 Core (1 Set) Consumer Mains (After Hours)	per termination	$1,912.57	$2,103.83
Termination of Consumer Mains - Above 50mm² Cu or Al - Note 1				
609	1x 4 Core Or 4x 1 Core (1 Set) Consumer Mains (Business Hours)	per termination	$1,912.57	$2,103.83
610	1x 4 Core Or 4x 1 Core (1 Set) Consumer Mains (After Hours)	per termination	$2,462.66	$2,708.93
611	2 x 4 Core Or 8 x 1 Core (2 Set) Consumer Mains (Business Hours)	per termination	$2,305.49	$2,536.04
612	2 x 4 Core Or 8 x 1 Core (2 Set) Consumer Mains (After Hours)	per termination	$3,012.75	$3,314.03
613	3 x 4 Core Or 12 x 1 Core (3 Set) Consumer Mains (Business Hours)	per termination	$2,698.42	$2,968.26
614	3 x 4 Core Or 12 x 1 Core (3 Set) Consumer Mains (After Hours)	per termination	$3,562.83	$3,919.11
615	4 x 4 Core Or 16 x 1 Core (4 Set) Consumer Mains (Business Hours)	per termination	$2,894.87	$3,184.36
616	4 x 4 Core Or 16 x 1 Core (4 Set) Consumer Mains (After Hours)	per termination	$3,837.87	$4,221.66
LV Underground Network Disconnection (permanent disconnection of existing network)				
617	Including Capping/Abandoning – Underground (Business Hours)	per disconnection or per visit	$2,109.04	$2,319.94
618	Including Capping/Abandoning – Underground (After Hours)	per disconnection or per visit	$2,737.71	$3,011.48
Consumer Mains Disconnection at Evoenergy Network Asset such as POE/Substation				
619	Temporary or Permanent Consumer Mains as a Separate Request (Business Hours)	per disconnection or per visit	$2,109.04	$2,319.94
620	Temporary or Permanent Consumer Mains as a Separate Request (After Hours)	per disconnection or per visit	$2,737.71	$3,011.48
Substation Supervised Access				
621	1- 4 (Business Hours)	per visit per substation	$1,333.66	$1,467.03
622	1- 4 (After Hours)	per visit per substation	$1,726.58	$1,899.24
623	4- 8 (Business Hours)	per visit per substation	$2,119.49	$2,331.44
624	4- 8 (After Hours)	per visit per substation	$2,826.75	$3,109.43

Code	Description	Unit	GST exclusive price	GST inclusive price
Temporary De-energisation/Isolation of Overhead LV Network				
625	Business Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$1,681.91	$1,850.10
626	After Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$2,153.42	$2,368.76
Temporary De-energisation/Isolation of Overhead HV Network – Note 2				
627	Business Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$3,029.40	$3,332.34
628	After Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$3,815.24	$4,196.76
Temporary De-energisation/Isolation of Underground/Overhead SLCC supply – Note 3				
629	Business Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$744.30	$818.73
630	After Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$901.47	$991.62
Temporary De-energisation/Isolation of Underground HV Or LV Network – Note 3				
631	Business Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$1,485.46	$1,634.01
632	After Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$1,878.38	$2,066.22
Temporary De-energisation/Isolation of Underground HV Network – Note 4				
633	Business Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$2,074.84	$2,282.32
634	After Hours Work – Per isolation or de-energisation and re-energisation on a same day	per day	$2,703.50	$2,973.85
Temporary Pole Support Work - Using Lifter/Borer – Note 5				
635	Business Hours Work	Per pole support per day as well as per visit	$4,286.78	$4,715.46
636	After Hours Work	Per pole support per day as well as per visit	$4,999.38	$5,499.32
Temporary Pole Support Work - Using Concrete Blocks – Note 5				
637	Business Hours Work	per Pole per Installation as well as per visit	$3,291.76	$3,620.94
638	After Hours Work	per Pole per Installation as well as per visit	$3,768.62	$4,145.48
Pole Stay Replacement				
639	With Standard Stay – Business Hours	per pole stay	$4,766.49	$5,243.14
640	With Standard Stay – After Hours	per pole stay	$5,869.52	$6,456.47
641	With Side Walk Stay – Business Hours	per pole stay	$5,617.50	$6,179.25
642	With Side Walk Stay – After Hours	per pole stay	$6,736.20	$7,409.82

Code	Description	Unit	GST exclusive price	GST inclusive price
LVABC Replacement				
643	1 Span – Business Hours	per installation	$11,048.14	$12,152.95
644	1 Span – After Hours	per installation	$14,191.47	$15,610.62
645	2 Span – Business Hours	per installation	$16,444.56	$18,089.02
646	2 Span – After Hours	per installation	$20,923.81	$23,016.19
647	3 Span – Business Hours	per installation	$21,691.33	$23,860.46
648	3 Span – After Hours	per installation	$27,427.89	$30,170.68
649	Cut & Shackle for LVABC Replacement – Per Cross arm One Direction - Business Hours	per installation	$1,479.76	$1,627.74
650	Cut & Shackle for LVABC Replacement – Per Cross arm One Direction - After Hours	per installation	$1,867.31	$2,054.04
651	Installation of LV Fuse Switch Disconnector for LVABC Replacement Work – Business Hours	per installation	$1,701.64	$1,871.80
652	Installation of LV Fuse Switch Disconnector for LVABC Replacement Work – After Hours	per installation	$2,089.18	$2,298.10
653	Installation of LV termination cross-arm for LVABC Replacement Work – Business Hours	per installation	$1,721.40	$1,893.54
654	Installation of LV termination cross-arm for LVABC Replacement Work – After Hours	per installation	$2,153.62	$2,368.98
655	Installation of LV double strain cross-arm for LVABC Replacement Work – Business Hours	per installation	$1,974.52	$2,171.97
656	Installation of LV double strain cross-arm for LVABC Replacement Work – After Hours	per installation	$2,637.10	$2,900.81
657	1 Way 630A Weber Fuse Switch Disconnector Installation for consumer mains termination work – Business Hours	per installation	$907.14	$997.85
658	1 Way 630A Weber Fuse Switch Disconnector Installation for consumer mains termination work – After Hours	per installation	$985.72	$1,084.29
659	1 Way 1000A Weber Fuse Switch Disconnector Installation for consumer mains termination work – Business Hours	per installation	$1,037.74	$1,141.51
660	1 Way 1000A Weber Fuse Switch Disconnector Installation for consumer mains termination work – After Hours	per installation	$1,116.32	$1,227.95
661	1 Way 1250A Jean Muller Installation for consumer mains termination work – Business Hours	per installation	$4,867.84	$5,354.62
662	1 Way 1250A Jean Muller Installation for consumer mains termination work – After Hours	per installation	$4,985.72	$5,484.29
663	1 Way Weber POE Kit Installation for consumer mains termination work – Business Hours	per installation	$2,961.76	$3,257.94
664	1 Way Weber POE Kit Installation for consumer mains termination work – After Hours	per installation	$3,040.35	$3,344.39
665	3 Way Weber POE Kit Installation for consumer mains termination work – Business Hours	per installation	$3,864.65	$4,251.12
666	3 Way Weber POE Kit Installation for consumer mains termination work – After Hours	per installation	$3,943.25	$4,337.58
667	Holec Fuse Kit Installation for Termination of Consumer Mains – Business Hours	per installation	$344.95	$379.45
668	Holec Fuse Kit Installation for Termination of Consumer Mains – After Hours	per installation	$423.54	$465.89

Code	Description	Unit	GST exclusive price	GST inclusive price
New Services introduced from 1 July 2022				
571	Complex Micro Embedded Generation Connection Enquiry – Class 1 (Residential)		$255.99	$281.59
559	Installation of Possum Guard on overhead service cable		$959.19	$1,055.11

* These charges also apply where Evoenergy responds to a customer initiated call out and determines that the premise is energised at the connection point.

1. Includes termination of temporary supply consumer mains. Crimp Lugs to be supplied by Customer/Applicant. Charges include disconnection of existing temporary consumer mains if present.
2. Includes establishment of temporary earthing to overhead network and includes plant as required.
3. Excludes the type of work done by supply and installation officer. Excludes streetlight controller isolation work by C&I Officer or S&I Officer.
4. Includes insulation testing of isolated HV cable prior re-energisation.
5. Includes plant operator as required however temporary network isolation charges to apply separately.

Following submission of the Revised Regulatory Proposal in November 2018, Evoenergy identified two of the proposed ancillary service charges had been assigned a billing code that conflicted with a service already assigned in the billing system. Specifically, in the Revised Regulatory Proposal, Evoenergy assigned the following codes.

- 601 – Contract Administration, Commissioning and Testing – Embedded Generation Installations up to 5MW
- 602 – Provision of Data for Network Technical Study – Embedded Generation Installations over 5MW

This was an error, as codes 601 and 602 are used in the billing system as tariff codes for customers assigned to the ACT Government's now-closed Premium FiT arrangements. As a result, Evoenergy has re-assigned the above services to codes 669 and 670, respectively, as shown in Table 3.5.

Table 3.5 Change to codes for Embedded Generation

Code description	Code assignment – Revised Regulatory Proposal	Code assignment – 2023/24 Pricing Proposal
Contract Administration, Commissioning and Testing - Embedded Generation Installations up to 5MW	601	669
Provision of Data for Network Technical Study - Embedded Generation Installations over 5MW	602	670

3.2.2 Quoted services

Charges for quoted services are based on the estimated time taken to perform the service. The AER uses the following formula for quoted services: [44]

Price = Labour + Contractor Services + Materials

The components of the quoted services formula are set out below:

- **Labour component** – consists of all labour costs directly incurred in the provision of the service which may include labour on-costs, fleet on-costs and overheads.
- **Contractor services** – includes all costs associated with the use of external labour including overheads and any direct costs incurred.
- **Materials** – includes the cost of materials directly incurred in the provision of the service, material storage and logistics on-costs and overheads.[45]

Charges for quoted ancillary network services are based on the estimated time taken to perform the service. The labour component is based on the rates set out in Table 3.6.

[44] AER 2018, *Draft Decision Evoenergy Distribution Determination 2019 to 2024*, Attachment 13, September 2018, p. 13-17 (accepted in the AER's Final Decision).
[45] AER 2018, *Draft Decision Evoenergy Distribution Determination 2019 to 2024*, Attachment 13, September 2018, p. 13-17 to 13-18 (accepted in the AER's Final Decision).

Table 3.6 Maximum allowable labour rates (including on-costs and overheads, excluding GST)

Evoenergy labour category	AER labour category	AER maximum allowable 2023/24 hourly rates*
Office support service delivery	Admin	$131.89
Electrical apprentice	Field Worker	$177.38
Electrical worker	Technician	$186.19
Electrical worker - labourer	Field Worker	$177.54
Project officer design section	Engineer	$223.18
Senior technical officer/engineer design section	Senior Engineer	$255.99

4 System strength charges

The Rules require distribution businesses to pass through system strength charges that are billed by the System Strength Service Provider. Transgrid is the System Strength Service Provider for Evoenergy's distribution network. In accordance with Rule 6.20.3A, Evoenergy will bill Distribution Network Users on a pass through basis so that the amount, structure, and timing of the amount billed replicates as far as is reasonably practicable the amount, structure and timing of the corresponding system strength charge billed to Evoenergy by the System Strength Service Provider, Transgrid.

Evoenergy will issue a bill for system strength charges to the relevant Distribution Network User that will identify the relevant system strength connection point and provide other information required by the Distribution Network User to verify the charge.

Evoenergy is not expecting any system strength charges on its network in 2023/24.