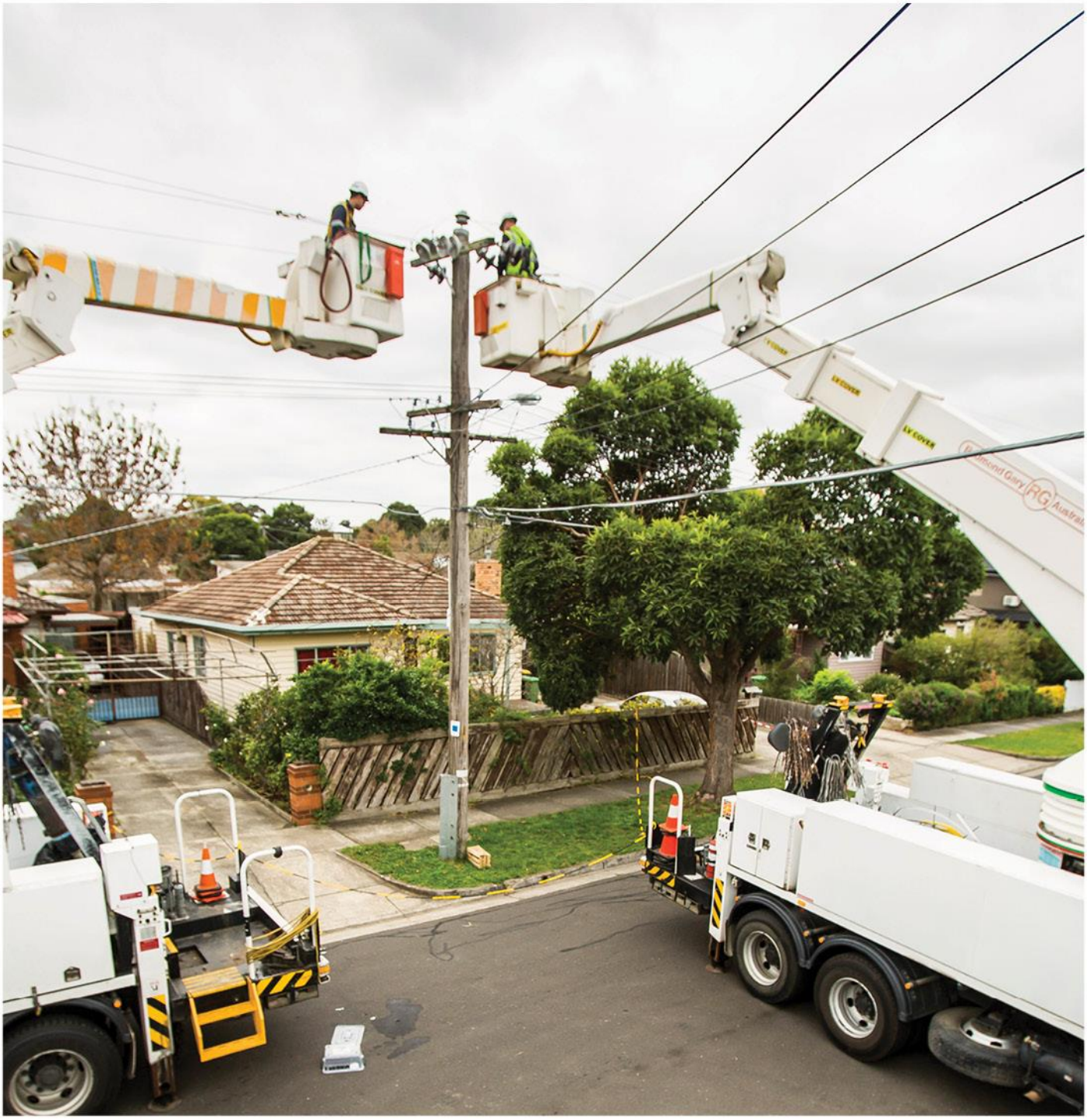

Jemena Electricity Networks (Vic) Ltd

2020 JEN pricing proposal

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2020 JEN pricing proposal

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Abbreviations

ACS	Alternative Control Services
AER	Australian Energy Regulator
CPI	Consumer Price Index
DNSP	Distribution Network Service Provider
DUOS	Distribution Uses of System
JEN	Jemena Electricity Network Ltd (Vic)
LRMC	Long Run Marginal Cost
NEL	National Electricity Law
NER or the Rules	National Electricity Rules
NUOS	Network Use of System
PFIT	Premium Solar Feed In Tariff
SCS	Standard Control Services
TFIT	Transitional Feed-in Tariff
TSS	Tariff Structure Statement
TUOS	Transmission Use of System

1. Introduction

1.1 Submission purpose

The National Electricity Rules (**NER or the Rules**) rule 6.18.2(a)(2) requires that Jemena Electricity Networks Ltd (Vic) (**JEN**) submit an annual pricing proposal to the Australian Energy Regulator (**AER**) three months before the commencement of the second and each subsequent regulatory year of the regulatory control period. This submission is made in accordance with this requirement.

1.2 JEN's pricing

JEN has established efficient tariffs reflecting its different customer classes. In accordance with the Rule requirements[1], JEN established its tariff classes and the tariff structures within its Tariff Structure Statement (**TSS**)[2] approved by the AER.[3]

This annual pricing proposal applies those approved tariff structures to 2020 tariffs and establishes tariff levels (prices) that meet the network pricing objective[4] and pricing principles.[5]

1.3 Submission structure and rule compliance

JEN has structured this submission to demonstrate compliance with each of the requirements of rule 6.18.2(b) of the NER and the AER's 2016 Final Decision.[6] The submission dedicates a chapter to each of the key areas of rule compliance:

- Chapter 2 – Tariff classes and tariffs
- Chapter 3 – Approach to setting tariffs
- Chapter 4 – Pricing proposal elements
- Chapter 5 – Designated pricing proposal, pass throughs and jurisdictional scheme recoveries
- Appendix A – Proposed 2020 network tariffs
- Appendix B – Proposed alternative control services and public lighting charges.
- Attachment 1 – JEN Tariff approval model
- Attachment 2 - JEN's proposed 2020 draft tariff schedule
- Attachment 3 - JEN's 2020 public lighting tariff excel model
- Attachment 4 - JEN's 2020 fee based services model
- Attachment 5 - JEN's 2020 quoted services labour rates model
- Attachment 6 - JEN's 2020 meter exit fees excel model

1 NER, cl 6.18.1A

2 JEN, *Tariff Structure Statement 2016-20, Incorporating amendments as at 4 Sep 2017*, 4 September 2017.

3 AER, *AER determination – Amended Victorian Tariff Structure Statements*, 20 September 2017.

4 NER, cl 6.18.5(a).

5 NER, cl 6.18.5(e)-(j).

6 AER, *Final Decision, Jemena distribution determination 2016 to 2020*, May 2016.

1.3.1 Rule compliance

Table 1-1 sets out the specific rule requirement and where in this pricing proposal JEN has demonstrated compliance.

Table 1-1: Rule compliance submission references

Topic	Relevant rules	Submission reference
Pricing Proposal elements	6.18.2(b)(2) of the NER requires that the pricing proposal set out the proposed tariffs for each tariff class;	Attachment 1 and – Appendix A
	6.18.2(b)(3) of the NER requires that the pricing proposal set out, for each proposed tariff, the charging parameters and the elements of service to which each charging parameter relates;	Appendix A and Attachment 2
	6.18.2(b)(4) of the NER requires that the pricing proposal set out, for each tariff class related to standard control services, the expected weighted average revenue for the relevant regulatory year and also for the current regulatory year;	Attachment 1
	6.18.2(b)(5) of the NER requires that the pricing proposal set out the nature of any variation or adjustment to the tariff that could occur during the course of the regulatory year and the basis on which it could occur;	Chapter 5
	6.18.2(b)(6) of the NER requires that the pricing proposal set out how designated pricing proposal charges are to be passed on to customers and any adjustments to tariffs resulting from over or under recovery of those charges in the previous regulatory year;	Attachments 1 and 2, and Chapter 5
	6.18.2(b)(6A) of the NER requires that the pricing proposal set out how jurisdictional scheme amounts for each approved jurisdictional scheme are to be passed on to customers and any adjustments to tariffs resulting from over or under recovery of those amounts;	Attachment 1
	6.18.2(b)(6B) of the NER requires that the pricing proposal describe how each approved jurisdictional scheme that has been amended since the last jurisdictional scheme approval date meets the jurisdictional scheme eligibility criteria;	Chapter 5
	6.18.2(b)(7) of the NER requires that the pricing proposal demonstrates compliance with the Rules and any applicable distribution determination;	All
	6.18.2(b)(7A) of the NER requires that the pricing proposal demonstrates how each proposed tariff is consistent with the corresponding indicative pricing levels for the relevant regulatory year as set out in the relevant indicative pricing schedule, or explain any material differences between them;	Chapter 4
	6.18.2(b)(8) of the NER requires that the pricing proposal describe the nature and extent of change from the previous regulatory year and demonstrate that the changes comply with the Rules and any applicable distribution determination.	Chapters 3 and 4
	6.18.2(e) of the NER requires that Where the Distribution Network Service Provider submits an annual pricing proposal, the revised indicative pricing schedule referred to in paragraph (d) must also set out, for each relevant tariff under clause 6.18.1C, the indicative price levels for that relevant tariff for each of the remaining regulatory years of the regulatory control period, updated so as to take into account that pricing proposal.	Not applicable—see section 4.3
Pricing principles	6.18.5(a) of the NER describes that the network pricing objective is that the tariffs that a Distribution Network Service Provider charges in respect of its provision of direct control services to a retail customer should reflect the	Chapter 3

Topic	Relevant rules	Submission reference
	Distribution Network Service Provider's efficient costs of providing those services to the retail customer	
	6.18.5(e) of the NER describes that the revenue for each tariff class is expected to be recovered should lie on or between: (1) an upper bound representing the stand alone cost of serving the customers who belong to that class; and (2) a lower bound representing the avoidable cost of not serving those customers.	Chapter 3
	6.18.5(f) of the NER describes that each tariff must be based on the long run marginal cost of providing the service to which it relates to the retail customers assigned to that tariff with the method of calculating such cost and the manner in which that method is applied to be determined having regard to: (1) the costs and benefits associated with calculating, implementing and applying that method as proposed; (2) the additional costs likely to be associated with meeting demand from retail customers that are assigned to that tariff at times of greatest utilisation of the relevant part of the distribution network; and (3) the location of retail customers that are assigned to that tariff and the extent to which costs vary between different locations in the distribution network.	Chapter 3
	6.18.5 (g) of the NER requires the revenue expected to be recovered from each tariff must: (1) reflect the Distribution Network Service Provider's total efficient costs of serving the retail customers that are assigned to that tariff; (2) when summed with the revenue expected to be received from all other tariffs, permit the Distribution Network Service Provider to recover the expected revenue for the relevant services in accordance with the applicable distribution determination for the Distribution Network Service Provider and (3) comply with sub-paragraphs (1) and (2) in a way that minimises distortions to the price signals for efficient usage that would result from tariffs that comply with the pricing principle set out in paragraph (f).	Chapter 3
	6.18.5(h) of the NER requires a Distribution Network Service Provider to consider the impact on retail customers of changes in tariffs from the previous regulatory year and may vary tariffs from those that comply with paragraphs (e) to (g) to the extent the Distribution Network Service Provider considers reasonably necessary having regard to: (1) the desirability for tariffs to comply with the pricing principles referred to in paragraphs (f) and (g), albeit after a reasonable period of transition (which may extend over more than one regulatory control period); (2) the extent to which retail customers can choose the tariff to which they are assigned; and (3) the extent to which retail customers are able to mitigate the impact of changes in tariffs through their usage decisions.	Chapter 3
	6.18.5(j) of the NER requires tariffs to comply with the Rules and all applicable regulatory instruments.	Chapter 4
Side constraint	Figure 14.2 of the final decision[7] requires a side constraint to apply to each tariff class related to the provision of standard control services.	Attachment 1

[7] AER, *Final Decision, Jemena distribution determination 2016 to 2020*, *Attachment 14, Control mechanisms,* May 2016.

Topic	Relevant rules	Submission reference
	The expected weighted average revenue to be raised from a tariff class for a regulatory year must not exceed the corresponding expected weighted average revenue for the preceding regulatory year by more than the permissible percentage provided in the following formula $\frac{(\sum_{i=1}^{n}\sum_{j=1}^{m} d_t^{ij} q_t^{ij})}{(\sum_{i=1}^{n}\sum_{j=1}^{m} d_{t-1}^{ij} q_t^{ij})} \le (1+\Delta CPI_t)\times(1-X_t)\times(1+2\%)\times(1+S_t)+I_t^{'}+T_t^{'}+B_t^{'}$	
	6.18.6(d) of the NER states that in deciding whether the permissible percentage has been exceeded in a particular regulatory year, the following are to be disregarded: (1) the recovery of revenue to accommodate a variation to the distribution determination under rule 6.6 or 6.13; (2) the recovery of revenue to accommodate pass through of designated pricing proposal charges to customers; (3) the recovery of revenue to accommodate pass through of jurisdictional scheme amounts for approved jurisdictional schemes; (4) the recovery of revenue to accommodate any increase in the Distribution Network Service Provider's annual revenue requirement by virtue of an application of a formula referred to in clause 6.5.2(l).	Attachment 1
Designated Pricing Proposal Charges (includes recovery for transmission charges, inter DB charges and avoided transmission payments)	6.18.7(a) of the NER requires a pricing proposal to provide for tariffs designed to pass on to customers the designated pricing proposal charges to be incurred by the Distribution Network Service Provider.	Attachments 1 and 2
	6.18.7(b) of the NER determines that the amount to be passed on to customers for a particular *regulatory year* must not exceed the estimated amount of the *designated pricing proposal charges* adjusted for over or under recovery in accordance with paragraph (c)..	Attachment 1
	6.18.7(c) of the NER requires the over and under recovery amount to be calculated in a way that:: (1) subject to subparagraphs (2) and (3) below, is consistent with the method determined by the AER in the relevant distribution determination for the Distribution Network Service Provider; (2) ensures a Distribution Network Service Provider is able to recover from customers no more and no less than the designated pricing proposal charges it incurs; and. (3) adjusts for an appropriate cost of capital that is consistent with the rate of return used in the relevant distribution determination for the relevant regulatory year	Attachment 1
Jurisdictional scheme	6.18.7A(a) of the NER requires a pricing proposal to provide for tariffs designed to pass on to customers a Distribution Network Service Provider's jurisdictional scheme amounts for approved jurisdictional schemes.	Attachments 1 and 2
	(b) The amount to be passed on to customers for a particular regulatory year (year t) must not exceed the estimated amount of jurisdictional scheme amounts for a Distribution Network Service Provider's approved jurisdictional schemes for year t adjusted for over or under recovery in accordance with paragraph 6.18.7(c).	Attachment 1

1.3.2 Submission values and terminology

This submission employs the following standards:

- All cost estimates and revenues are expressed in $2020 unless otherwise stated.
- All prices are expressed in $2020.
- The term ‘customer’ should be interpreted as an end user of electricity rather than an electricity retailer.

2. Tariff classes and tariffs

In this section JEN sets out its tariff classes and tariffs for 2020, which are those outlined in our TSS.

2.1 Distribution use of system services

JEN retains its existing tariff classes for distribution uses of system (**DUOS**) standard control services as set out in our TSS. Table 2-1 sets out JEN's 2020 DUOS tariff classes and the tariffs that are categorised within each of these.

Table 2-1: Tariff classes for standard control DUOS services

Tariff class	Relevant tariffs[8]	Class definition
Residential	A100 / F100 / T100 General Purpose A10X / F10X / T10X Flexible A10I / F10I / T10I Time of Use Interval Meter A10D / F10D / T10D General purpose – demand (opt-in) A140 Time of Use A180 Off Peak Heating Only (dedicated circuit)	Only available to residential customers
Small business[9]	A200 / F200 / T200 General Purpose A210 / F210 / T210 Time of Use Weekdays A20D / F20D / T20D General purpose – demand (opt-in) A230 / F230 / T230 Time of Use Weekdays – Demand A23N/F23N/T23N Time of Use Opt out A250 / F250 / T250 Time of Use Extended A270 / F270 / T270 Time of Use Extended – Demand A290 Unmetered Supply	Available to network customers (embedded or non-embedded) with annual consumption < 0.4 GWh AND maximum demand < 120 kVA[10].
Large business - low voltage	A300 / F300 / T300 LV 0.4 - 0.8 GWh A30E LV_{EN} Annual Consumption 0.8 GWh A320 LV 0.8+ - 2.2 GWh A32E LVEN 0.8+ - 2.2 GWh A340 LV 2.2+ - 6.0 GWh A34E LVEN 2.2+ GWh A34M LVMS 2.2+ - 6.0 GWh A370 LV 6.0+ GWh A37M LVMS 6.0+ GWh	Only available to embedded network customers OR non-embedded network customers: with annual consumption >= 0.4 GWh or maximum demand >= 120 kVA
Large business - high voltage	A400 HV A40E HV_{EN} A40R HV_{RF} A480 HV - Annual Consumption >= 55 GWh	Only available to customers taking High Voltage supply (nominal voltage >= 1000 volts AND <= 22,000 volts)

8 Some of these tariffs are closed to new entrants as shown in Appendix A..

9 Small business includes medium business.

10 This year, we have clarified in our tariff schedule which small business tariffs are available to embedded and non-embedded network customers (See Appendix A and Attachment 2).

Tariff class	Relevant tariffs[8]	Class definition
Large business - sub-transmission	A500 Sub-transmission A50A Sub-transmission MA A50E Sub-transmission EG	Only available to customers taking supply form a nominal voltage > 22,000 volts

2.1.1 Setting efficient tariff classes

JEN's approved TSS sets out how we established the above tariff classes and demonstrated these were efficient.[11] Our 2020 prices apply to the tariff structures and tariff classes approved by the AER in JEN's TSS.

2.2 User requested services

JEN retains its existing alternative control services tariff class as set out in our TSS. Table 2-2 sets out the fee based, quoted, metering and public lighting service groupings of alternative control services.

Table 2-2: Alternative control services tariff classes

Service	Relevant services	Definition
Fee based services	Manual energisation of new premises (fuse insert) Manual re-energisation of existing premises (fuse insert) Manual de-energisation of existing premises (fuse removal) Remote meter re-configuration Remote de-energisation Remote re-energisation Temporary disconnect – reconnect for non-payment Manual special meter read Connection – temporary supply (overhead supply with coincident abolishment) Service vehicle visits Wasted service vehicle visit (not DNSP fault) Fault response (not DNSP fault) Retest of types 5 and 6 metering installations for first tier customers < 160 MWh Retest of types 5 and 6 metering installations for first tier customers > 160 MWh Temporary supply single phase Temporary supply three phase *Routine new connections where JEN is the responsible person for metering customers < 100 amps* Connection – single phase service connection to new premises Connection – three phase service connection to new premises with direct connected metering *Routine new connections where JEN is not the responsible person for metering customers < 100 amps* Connection – single phase service connection to new premises Connection – three phase service connection to new premises with direct connected metering	Services for which the AER has applied a cap on the price per service.

[11] Chapter 6 of the TSS.

Service	Relevant services	Definition
Metering	Single phase single element meter Single phase single element meter with contactor Three phase direct connected meter Three phase Current transformer connected meter	Customers consuming <160MWh per year
Quoted services	Routine new connections for customers requiring greater than 100 amps including current transformers (CTs) Temporary covering of low voltage mains and service lines Elective undergrounding where an existing overhead service exists High load escorts—lifting of overhead lines Restoration of overhead service cables pulled down by transport vehicles transporting high loads Supply abolishment > 100 amps Rearrangement of network assets at customer request, excluding alteration and relocation of existing public lighting services Reserve feeder	Services for which the AER has placed a cap on the applicable labour rates (inclusive of margins and all overheads) [12].
Public lighting	Mercury Vapour 80 watt Sodium High Pressure 150 watt Sodium High Pressure 250 watt 55W Ind Fluorescent 20 watt Fluorescent 40 watt Fluorescent 80 watt Mercury Vapour 50 watt Mercury Vapour 125 watt Mercury Vapour 250 watt Mercury Vapour 400 watt Sodium High Pressure 50 watt Sodium Low Pressure 90 watt Sodium High Pressure 100 watt Sodium High Pressure 400 watt Metal Halide 70 watt Metal Halide 150 watt Metal Halide 250 watt Incandescent 100 watt Incandescent 150 watt Sodium High Pressure 250 watt (24 hrs) Metal Halide 100 watt T5 2X14W T5 (2x24W) LED 18W Compact Fluoro 32W Compact Fluoro 42W	Services for public lighting for which the AER has applied a cap on the price per lighting type.

[12] Cap does not apply to materials and contracts. Figure 16.2 of the AER, *Final Decision, Jemena distribution determination 2016 to 2020, Attachment 14, Control mechanisms*, May 2016, Attachment 16.

3. Approach to setting tariffs

3.1 Stand alone and avoidable cost for each tariff class

Rule 6.18.5(e) requires that revenues from each tariff class for direct control distribution services must lie between the economically efficient bounds of stand alone and avoidable costs. The purpose of applying stand alone and avoidable cost bounds on expected tariff class revenues is to ensure that, for each tariff class, the Distribution Network Service Provider (**DNSP**) is not pricing outside the bounds defined by economic efficiency. These stand alone and avoidable cost bounds are the highest and lowest theoretical prices that a distributor could charge a customer class without imposing costs on other classes. That is, pricing outside these efficient bounds implies cross subsidisation between customer classes if the business is recovering its costs.

Our TSS outlines JEN's approach to estimating, and calculation of, stand alone and avoidable costs for standard control services (**SCS**). JEN has not changed its approach to calculating stand alone and avoidable costs from the approach outlined in the TSS. Refer to Appendix D of our TSS for the detailed explanation of the methodology we used to calculate stand alone and avoidable cost.

Table 3-1 presents the standalone estimates and the 2020 expected revenue results for each tariff class. The stand-alone cost of serving a group of customers is the total cost required to serve those customers alone, i.e. if JEN were to build the network anew, removing all other customers from the network. Table 3-1 demonstrates that the estimate of standalone costs exceeds the expected revenue for each tariff class.

Table 3-1: Standalone costs (SCS) compared to expected revenue[13]

Tariff class	Stand alone estimate	Expected revenue ($,2020)
Residential	297,053,247	124,309,581
Small business	169,349,770	61,490,015
Large business - low voltage	78,547,904	68,198,324
Large business - high voltage	46,287,606	18,733,408
Large business - sub-transmission	3,513,302	2,843,410

Table 3-2 presents the avoidable costs and 2020 expected revenue for each tariff class. The avoidable cost of serving a group of customers is the reduction in cost that could be achieved if those customers were no longer served, i.e. the reduction in cost associated with a decrease in output that was previously provided to that class of customer. Table 3-2 demonstrates that the expected revenue for each tariff class exceeds the estimate of avoidable costs.

Table 3-2: Avoidable costs (SCS) compared to expected revenue[14]

Tariff class	Avoidable estimate	Expected revenue ($,2020)
Residential	19,858,164	124,309,581
Small business	6,154,420	61,490,015
Large business - low voltage	3,186,575	68,198,324
Large business - high voltage	1,326,490	18,733,408
Large business – sub-transmission	41,799	2,843,410

[13] Costs are annualised stand alone.

[14] Costs are annualised avoidable costs.

Our (**ACS**) are priced at cost as these services are incremental to the distribution business. The costing was reviewed and approved by the AER as part of the 2016-20 Electricity Distribution Price Review.

3.2 Long run marginal cost

Rule 6.18.5(f) requires that each tariff be based on the long run marginal cost (**LRMC**) of providing the service to which it relates to the retail customers assigned to that tariff.

Table 3–2 sets out the LRMC estimates JEN has developed, using the methodology in Appendix E of our TSS. We have escalated the LRMC values stated in the TSS to present them in $2020.[15]

Table 3–2: JEN long run marginal cost estimates

Tariff class	Unit	LRMC
Residential	$/kW	60.031
Small business	$/kW	58.183
Large business - low voltage	$/kVA	57.749
Large business - high voltage	$/kVA	29.571
Large business – sub-transmission	$/kVA	32.742

3.2.1 Application of LRMC

Rule 6.18.5(f) requires our tariffs be based on LRMC. Our LRMC has been calculated based on our cost driver, which is capacity (kW or kVA). For the 2016-20 period, we have therefore sought to include a demand tariff component to the extent allowed by the Rules and Legislation.[16] This has meant an opt-in tariff with a demand tariff component for small customers and a demand tariff component for all large business customers. The demand tariff component for small customers is based on the LRMC level we have calculated as set out in Appendix E of our TSS. This provides a direct link between the LRMC levels and our tariff levels (or prices).

For our non-demand flat tariffs, we have sought to maintain cost-reflectivity by ensuring that we set our 2020 prices so that an average customer's network bill is equivalent whether they are on a demand tariff or flat tariff. The tariffs (and the prices for the usage and fixed components) will still, therefore, be set to best reflect the LRMC values and revenue we would obtain had a demand charge applied.

We have been consistent with the price setting principles as described in Appendix E of the TSS. More information on how we set prices can be found in our TSS.

3.3 Remaining pricing principles in the Rules

As required by the Rules, JEN has had regard to a number of other relevant pricing principles when determining our 2020 tariff levels.

15 Because we base our price levels on LRMC (NER 6.18.5(f)), we need to escalate the LRMC, which was originally calculated in $2015.

16 The Victorian Government updated its Advanced Metering Infrastructure Order in Council on 14 April 2016 to require that small customers (that is all residential customers and those small business customers under 40MWh per annum) must opt in to receive a demand tariff.

3.3.1 Recovering efficient costs

Rule 6.18.5(g) requires that we only recover our efficient costs and that tariffs reflect the total efficient costs of serving retail customers assigned to each tariff. It also requires that allowed revenue is recovered in a way that seeks to minimise distortions to efficient price signals.

Attachment 1 demonstrates that our expected revenue falls within our allowance (total allowed revenue or TAR).

Calculating our expected revenue required that we forecast consumption and customer numbers. Our forecasting methodology for each is:

- **Customer numbers**: We used the most recently available actual customer numbers for each tariff and applied forecasted customer number growth rates consistent with those provided for our 2021-26 Plan.[17]
- **Consumption quantities**: Consumption forecasts for both usage and demand capacity were carried out by using historical 5 year actual averages of consumption per customer for each market segment, and then multiplying by the forecasted customer numbers calculated above.

We have set our demand charge component of the residential and small business customers demand tariffs equal to our LRMC estimate. As this would be insufficient to recover our allowed revenue, we need to recover residual revenue in a way that least distorts this LRMC signal. We consider the fixed charge less distortionary than the variable usage charge, so have applied a greater-than-average increase to fixed charges and below average increase to the variable charges. Recognising customer impacts, this is capped at a 15% nominal increase to any fixed charge when compared to 2019 levels. Our proposed increases are less than or consistent with those flagged in our 2020 indicative prices published with our 2019 pricing proposal.

3.3.2 Impact on retail customers

JEN has considered the impact on retail customers (Rule 6.18.5(h)) of changes in tariffs from the previous regulatory year. The impact of our 2020 tariffs on any customer is limited to movements in X-factor, S-factor, Consumer Price Index (**CPI**), the unders/overs calculation[18] and rebalancing permitted through the side-constraint.

JEN has also considered the impact on different market segments of how we recover our pass through amounts (jurisdictional and transmission use of system (**TUOS**) charges). We consider that we can improve how these pass throughs are allocated to the different market segments to mitigate the volatility associated with these costs. We discuss this in more detail in Section 5.4.

In addition we note that the final customer bill impacts are subject to the actions undertaken by the retailers. For example, retailers may or may not choose to pass through network price reductions in full.

3.4 Pricing goals

We have considered our pricing goals set out in our TSS when forming our tariff levels for the 2020 regulatory period. These are:

- ***Recover efficient costs of operation***—that we have sufficient funding to provide a safe and reliable electricity network service now and into the future
- ***Drive economic efficiency***—set prices that are cost reflective and empower customers to make efficient electricity consumption decisions
- ***Treat customers equitably***—our tariff classes and tariffs ensure similar customers pay similar prices
- ***Facilitate simplicity and transparency***—our customers can understand our tariffs and respond to price signals

[17] JEN engaged Acil Allen for our demand forecasts that support our 2021-26 Plan.

[18] Detailed explanation of the variation parameters is provided in Table 4 1: JEN Annual SCS Price Variation Elements of this document.

- ***Provide predictability***—our prices remain relatively stable over time to support customers' ability to make long-term decisions.

These goals reflect the requirements of the National Electricity Law (**NEL**) and the Rules (that includes the 'network pricing objective'[19] and pricing principles[20])—including the requirement to promote the long-term interests of customers. They reflect our understanding of what customers want from their electricity service, as well as supporting our ability to deliver on these expectations over the long-term.

Our TSS, which we consulted on with our customers and stakeholders, explains each of these goals in more detail. It also explains how we balance competing goals.

Since 2017, we have also been consulting on our tariff structures for the 2021-26 period, which have provided an amended set of pricing goals. This includes greater prominence for simplicity, but also emphasis on efficiency, adaptability, affordability and equity. We have kept these in mind when developing this pricing proposal.

19 NER, cl 6.18.5(a).

20 NER, cl 6.18.5(e)-(j).

4. Pricing proposal elements

4.1 Price variation elements

Rule 6.18.2(b)(8) requires we describe the nature and extent of change from the previous regulatory year.

The variables that influence the SCS prices are:

- Approved revenue path for the regulatory year (X-factor)[21]
- Service target performance incentive scheme (S-Factor)
- Annual percentage change in the CPI
- Annual adjustment f-factor scheme amount (I term)
- Carryover amount from the application of the Demand Management Incentive Scheme (T term)
- Under or over recovery of actual revenue collected through DUoS charges in prior years + recovery of license fee charges (B term).

Table 4-1 shows the price variations for each variable in JEN's 2020 annual pricing proposal.

Table 4-1: JEN Annual SCS Price Variation Elements

Price Variation Elements	Percentage/$
X-factor[22]	-1.71%
S-factor	0.31%
CPI	1.59%
I	$113K
T	$0K
B	-$0.88M

4.2 Comparison of 2020 proposed prices to indicative prices

6.18.2(b)(7A) requires we demonstrate how each proposed tariff is consistent with the corresponding indicative pricing levels for the relevant regulatory year as set out in the relevant indicative pricing schedule, or explain any material differences between them.

[21] AER, *Final Decision, Jemena Electricity Networks (Victoria) Ltd Distribution determination 2016-2020*, Attachment 1, Annual revenue requirement, May 2016.

[22] JEN applied the inputs provided by the AER on 25 July 2019 to update the return on debt for 2020 network prices. This included a portfolio return on debt for 2020 of 5.15% and an X-factor for 2020 of -1.71% for standard control services. Jemena independently verified these inputs prior to including them in the pricing proposal.

We provided updated indicative Network Use of System (**NUOS**) prices with our 2019 pricing proposal. We do not consider any of our 2020 proposed price levels are materially different from our indicated price levels.[23] The differences that have arisen are primarily driven by changes in:

- **Pass through cost recoveries** – 2020 includes an un-forecasted 29.7% increase in pass through costs compared to 2019 driven by the increase in Transmission and Jurisdictional scheme costs, which represents an average price increase—in the absence of any other factors—compared to the indicative NUOS prices. This difference has the dominant impact on the difference between 2020 indicative and proposed NUOS prices.
- **CPI** - We used a forecast for 2020 CPI of 2.0% for our previous indicative NUOS prices. Actual CPI applicable to 2020 prices is 1.59%. This represents an average price decrease—in the absence of any other factors—compared to the indicative NUOS prices.
- **S-factor** – our 2020 indicative NUOS prices excluded an adjustment for S-factor. The actual S-factor applicable to 2020 prices is 0.31%. This represents an average price increase—in the absence of any other factors—compared to the indicative NUOS prices.
- **Under/over recovery** – our 2020 indicative NUOS prices assumed zero over/under recovery for prior years. This 2020 pricing proposal includes an adjustment of $1.02M for over-recovery for 2018. This represents an average price decrease—in the absence of any other factors—compared to the indicative NUOS prices[24]

The net impact of the above variations is a 2.7% increase for 2020 proposed prices compared to the indicative NUOS prices provided in 2019.

4.3 Future indicative prices

Rule 6.18.2(e) requires an update to the indicative pricing schedule for each remaining year of the regulatory period.

As 2020 is the final year of the current regulatory period, there are no updates to indicative prices provided as part of this annual pricing proposal. Instead, indicative prices for the next 5 year period will be provided with our 2021-26 Plan to be published in January 2020.

[23] Consistent with the AER's template, we consider that greater or equal to 15 per cent to be a material difference.

[24] This over-recovery was predominantly driven by an historical colder than anticipated winter and higher new customer connections.

5. Designated pricing proposal, pass throughs and jurisdictional scheme recoveries

5.1 Tariff variation for pass throughs

5.1.1 Rule requirements

Rule 6.18.2(b)(5) requires that a DNSP's pricing proposal must:

> *set out the nature of any variation or adjustment to the tariff that could occur during the course of the regulatory year and the basis on which it could occur*

5.1.2 Potential tariff variation for pass throughs

5.1.2.1 Possible pass through events

Chapter 10 of the Rules specifies that the following pass through events are applicable to all distribution determinations:

- regulatory change event
- a service standard event
- a tax change event
- a terrorism event.

In addition to the pass through events and provisions set out in the Rule, the AER has determined the following pass through events are also applicable to JEN:[25]

- an insurance cap event
- an insurer credit risk event
- a natural disaster event
- a terrorism event
- a retailer insolvency event.

5.2 Designated Pricing Proposal Costs

5.2.1 Rule requirements

Rule 6.18.2(b)(6) requires that a DNSP's pricing proposal must:

> *set out how designated pricing proposal charges are to be passed on to customers and any adjustments to tariffs resulting from over or under recovery of those charges in the previous regulatory year*

[25] AER, *Final Decision, Jemena distribution determination 2016-2020, Attachment 15, Pass through events*, May 2016.

5.2.2 Designated Pricing Proposal Charges

JEN has set out a schedule of its proposed Designated Pricing Proposal Charges (incorporating TUOS tariffs) in Appendix A of this document. These tariffs are set to recover JEN's required transmission revenues as calculated in accordance with the maximum transmission revenue example, specified in the AER's preliminary determination.[26]

As shown in Table 5–1, the expected TUOS revenue increase from 2019 to 2020 is 34 per cent.

Table 5–1: Estimated TUOS revenue increase ($M, Nominal)

	2019	2020
Grid Fee Forecast	$57.2	$66.7
Under recovery from previous year	$6.4	$1.3
Actual/allowed revenue current year (grid fees plus under recovery)	$50.7	$68.0
Estimated revenue collected	$50.7	$68.0
		34%

5.3 Jurisdictional scheme recoveries

5.3.1 Rule requirements

Rules 6.18.2(b)(6A) and 6.18.2(b)(6B) require that a DNSP's pricing proposal must:

> *(6A) set out how jurisdictional scheme amounts for each approved jurisdictional scheme are to be passed on to customers and any adjustments to tariffs resulting from over or under recovery of those amounts; and*
>
> *(6B) describe how each approved jurisdictional scheme that has been amended since the last jurisdictional scheme approval date meets the jurisdictional scheme eligibility criteria*

5.3.2 Relevant jurisdictional scheme

Both the Premium Solar Feed in Tariff (**PFIT**) and the Transitional Feed-in Tariff (**TFIT**) are now closed to new entrants.

PFIT tariffs have been closed to new entrants from 1 January 2012 as per the Minister for Energy and Resources announcement on 1 September 2011. Eligible properties with an effective PFIT contract will continue to receive this rate until 2024.

5.3.3 Jurisdictional scheme tariffs

JEN has set out a schedule of its proposed tariffs to recover costs incurred through relevant jurisdiction schemes in Appendix A of this document. These tariffs are set to recover JEN's required jurisdictional scheme revenues as calculated in accordance with the jurisdictional scheme revenue example, specified in the AER's Final Decision.[27]

[26] AER, *Final Decision, Jemena distribution determination 2016 to 2020*, *Attachment 14, Control mechanisms,* May 2016.

[27] AER, *Final Decision, Jemena distribution determination 2016 to 2020*, *Attachment 14, Control mechanisms,* May 2016.

5.4 Summary of 2020 price movement by tariff class

Table 5–2 shows the weighted average percentage change of the DUOS , PUOS, and NUOS price for each tariff class from 2019 to 2020. The final column sets out the weighted average percentage change of the NUOS price for each tariff class if we maintained the historical TUOS allocation.

Table 5–2: Weighted average price movement by tariff class[28]

Tariff Class	DUOS % price movement	PUOS % price movement	Proposed NUOS % price movement	NUOS % price movement (historical TUOS allocation)
Residential	5.0%	78.3%	8.6%	6.4%
Small Business	3.8%	49.6%	9.0%	6.9%
Large Business - low voltage	3.6%	22.3%	8.9%	10.5%
Large Business - high voltage	3.4%	17.7%	9.0%	13.9%
Large Business - sub-transmission	3.3%	11.7%	9.1%	21.0%

Retaining our historical allocation would mean that TUOS volatility would more significantly impact large business tariff classes—potentially driving NUOS increases of more than 20 per cent for some customers (as shown in Table 5–2). This impact has meant that we have had to rethink our existing TUOS allocations to tariff classes.

Our proposed NUOS % price movement (third column in Table 5–2) reflects our preference to adjust TUOS recovery allocations between tariff classes by weighting more towards residential and small business than we have historically. This more evenly distributes the total price increases (between 8.5% and 9.1% across tariff classes). We believe this is likely to be less distortionary to efficient consumption than if we maintained our historical approach.

The 2020 residential PUOS increase of 78.3 per cent shown in Table 5–2 is partly due to the TUOS increases and partly due to moving residential TUOS allocation from 8 per cent to 12 per cent of total TUOS. For a typical residential customer, this amounts to an increase from $13 in 2019 to $25 in 2020. By comparison, 2018 TUOS was $21 for a typical residential customers, which demonstrates the volatile nature of TUOS pass through.

[28] NUOS % price movement cannot be calculated as a simple sum of % price movements in DUOS and PUOS. This is due to the difference in the proportion of the DUOS and PUOS components in the NUOS price.

Appendix A
Proposed 2020 network tariffs

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A1. Proposed 2020 network tariffs

Jemena Electricity Networks (VIC) Ltd - Network Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
Residential			
Only available to residential customers			
A100 / F100[a] / T100[b]	**General Purpose**		
	Single rate all times		
	- Standing charge	**$/customer pa**	**$59.180**
	- Unit rate	**¢/kWh**	**8.580**
A10X / F10X[a] / T10X[b]	**Flexible**		
Available to customers with a remotely read AMI meter			
Summer period: is the daylight savings period; **Non-summer period:** All other times			
Peak Summer/Non-summer: *3 PM to 9 PM local time weekdays*			
Shoulder Summer/Non-summer: 7 AM to 3 PM and 9 PM to 10 PM local time weekdays			
and *7 AM to 10 PM local time weekends*			
Off peak Summer/Non-summer: 10 PM to 7 AM local time all days			
	- Standing charge	**$/customer pa**	**$59.180**
	Summer rates		
	- Peak Unit rate	**¢/kWh**	**13.021**
	- Shoulder Unit rate	**¢/kWh**	**8.580**
	- Off Peak Unit rate	**¢/kWh**	**3.971**
	Non-summer rates		
	- Peak Unit rate	**¢/kWh**	**13.021**
	- Shoulder Unit rate	**¢/kWh**	**8.580**
	- Off Peak Unit rate	**¢/kWh**	**3.971**
A10D / F10D[a] / T10D[b]	**General Purpose - Demand**		
Available to customers with a remotely read AMI meter			
	Energy consumption - single rate all times		
	Demand charging window 3pm - 9pm work days; reset monthly		
	- Standing charge	**$/customer pa**	**$59.180**
	- Unit rate	**¢/kWh**	**4.202**
	- Demand rate	**$/kW pa**	**$60.031**
A10I / F10I[a] / T10I[b]	**Time of Use Interval Meter** (closed to new entrants)[c]		
Available to customers with an interval meter			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$59.180**
	- Peak Unit rate	**¢/kWh**	**13.090**
	- Off Peak Unit rate	**¢/kWh**	**2.330**

Jemena Electricity Networks (VIC) Ltd - Network Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A140	**Time of Use** (closed to new entrants)		
This tariff is not available to existing customers that install an interval meter			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$99.643**
	- Peak Unit rate	**¢/kWh**	**12.003**
	- Off Peak Unit rate	**¢/kWh**	**2.593**
A180	**Off Peak Heating Only** (dedicated ciruit)		
Available as a complementary tariff to the "Residential - General Purpose" A100 tariff only.			
This tariff is not available to new or existing customers that install embedded generation[d]			
	11 PM to 7 AM AEST all days		
	- Standing charge	**$/customer pa**	**$0.000**
	- Off Peak Unit rate	**¢/kWh**	**2.570**

Small Business

Available to customers (embedded or non- embedded) with annual consumption < 0.4 GWh
AND maximum demand < 120 kVA

A200 / F200[a] / T200[b]	**General Purpose**		
Only available to customers consuming < 40 MWh pa			
	Single rate all times		
	- Standing charge	**$/customer pa**	**$102.510**
	- Unit rate	**¢/kWh**	**10.779**
A20D / F20D[a] / T20D[b]	**General Purpose - Demand**		
Only available to customers with meter capable of measuring demand			
AND consuming < 40 MWh pa			
	Single rate all times		
	Demand charging window 10am - 8pm work days		
	- Standing charge	**$/customer pa**	**$102.510**
	- Unit rate	**¢/kWh**	**8.804**
	- Demand rate	**$/kW pa**	**$58.183**
A210 / F210[a] / T210[b]	**Time of Use Weekdays**		
Only available to customers with two rate accumulation meter (or Interval meter)			
AND consuming < 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$170.652**
	- Peak Unit rate	**¢/kWh**	**13.445**
	- Off Peak Unit rate	**¢/kWh**	**2.625**

Jemena Electricity Networks (VIC) Ltd - Network Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A230 / F230[a] / T230[b]	**Time of Use Weekdays - Demand**		
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$354.465**
	- Peak Unit rate	**¢/kWh**	**8.054**
	- Off Peak Unit rate	**¢/kWh**	**2.714**
	- Demand rate	**$/kW pa**	**$67.147**
A23N / F23N[a] / T23N[b]	**Time of Use - Opt-out**		
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa & < 160 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$354.465**
	- Peak Unit rate	**¢/kWh**	**13.445**
	- Off Peak Unit rate	**¢/kWh**	**2.625**
	- Demand rate	**$/kW pa**	**$0.000**
A250 / F250[a] / T250[b]	**Time of Use Extended** (closed to new entrants)		
Only available to customers with a two rate accumulation meter (or interval meter) AND consuming < 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$170.652**
	- Peak Unit rate	**¢/kWh**	**11.950**
	- Off Peak Unit rate	**¢/kWh**	**2.808**
A270 / F270[a] / T270[b]	**Time of Use Extended - Demand** (closed to new entrants)		
Only available to customers with a meter capable of measuring demand AND consuming >40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$354.465**
	- Peak Unit rate	**¢/kWh**	**7.118**
	- Off Peak Unit rate	**¢/kWh**	**2.841**
	- Demand rate	**$/kW pa**	**$67.146**
	Minimum Chargeable Demand	**60 kW**	
A290	**Unmetered Supply**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Peak Unit rate	**¢/kWh**	**11.999**
	- Off Peak Unit rate	**¢/kWh**	**2.828**

Jemena Electricity Networks (VIC) Ltd - Network Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate

Large Business - LV

Low Voltage Tariffs (nominal voltage < 1000 Volts)

Only available to embedded network customers OR non-embedded network customers with annual consumption ≥ 0.4 GWh OR maximum demand ≥ 120 kVA

A300 / F300[a] / T300[b]	LV 0.4 - 0.8 GWh		
Only available to non-embedded network customers consuming ≤ 0.8 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$2,560.501
	- Peak Unit rate	¢/kWh	5.100
	- Off Peak Unit rate	¢/kWh	1.779
	- Demand rate	$/kVA pa	$101.433
	Minimum Chargeable Demand	120 kVA	

A30E	LV_{EN} Annual Consumption ≤ 0.8 GWh		
Only available to embedded network customers consuming ≤ 0.8 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$2,560.501
	- Peak Unit rate	¢/kWh	5.027
	- Off Peak Unit rate	¢/kWh	1.779
	- Demand rate	$/kVA pa	$114.761
	Minimum Chargeable Demand	120 kVA	

A320	LV 0.8[+] - 2.2 GWh		
Only available to non-embedded network customers consuming > 0.8 GWh pa BUT ≤ 2.2 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$4,516.792
	- Peak Unit rate	¢/kWh	4.535
	- Off Peak Unit rate	¢/kWh	1.774
	- Demand rate	$/kVA pa	$94.902
	Minimum Chargeable Demand	250 kVA	

A32E	LV_{EN} 0.8[+] - 2.2 GWh		
Only available to embedded network customers consuming > 0.8 GWh pa BUT ≤ 2.2 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$4,516.792
	- Peak Unit rate	¢/kWh	4.278
	- Off Peak Unit rate	¢/kWh	1.774
	- Demand rate	$/kVA pa	$104.874
	Minimum Chargeable Demand	250 kVA	

Jemena Electricity Networks (VIC) Ltd - Network Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A340	**LV 2.2^{+} - 6.0 GWh**		
Only available to non-embedded network customers consuming > 2.2 GWh pa BUT ≤ 6.0 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$7,956.973**
	- Peak Unit rate	**¢/kWh**	**4.486**
	- Off Peak Unit rate	**¢/kWh**	**1.656**
	- Demand rate	**$/kVA pa**	**$93.980**
	Minimum Chargeable Demand	**250 kVA**	
A34E	**LV$_{EN}$ 2.2^{+} GWh**		
Only available to embedded network customers consuming > 2.2 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$7,956.973**
	- Peak Unit rate	**¢/kWh**	**3.967**
	- Off Peak Unit rate	**¢/kWh**	**1.652**
	- Demand rate	**$/kVA pa**	**$100.949**
	Minimum Chargeable Demand	**250 kVA**	
A34M	**LV$_{MS}$ 2.2^{+} - 6.0 GWh** (closed to new entrants)[e]		
Only available to non-embedded network customer taking supply from multiple NMIs on a single site AND the aggregated annual consumption from those NMIs is > 2.2 GWh pa BUT ≤ 6.0 GWh pa			
	- Standing charge	**$/customer pa**	**$5,688.548**
	- Peak Unit rate	**¢/kWh**	**4.701**
	- Off Peak Unit rate	**¢/kWh**	**1.649**
	- Demand rate	**$/kVA pa**	**$65.463**
	Minimum Chargeable Demand	**250 kVA**	
A370	**LV 6.0^{+} GWh**		
Only available to non-embedded network customers consuming > 6.0 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$12,519.688**
	- Peak Unit rate	**¢/kWh**	**4.061**
	- Off Peak Unit rate	**¢/kWh**	**1.592**
	- Demand rate	**$/kVA pa**	**$90.590**
	Minimum Chargeable Demand	**450 kVA**	
A37M	**LV$_{MS}$ 6.0^{+} GWh** (closed to new entrants)[e]		
Only available to non-embedded network customer taking supply from multiple NMIs on a single site AND the aggregated annual consumption from those NMIs is > 6.0 Gwh			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$9,553.091**
	- Peak Unit rate	**¢/kWh**	**4.196**
	- Off Peak Unit rate	**¢/kWh**	**1.592**
	- Demand rate	**$/kVA pa**	**$65.618**
	Minimum Chargeable Demand	**450 kVA**	

Jemena Electricity Networks (VIC) Ltd - Network Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate

Large Business - HV

High Voltage Tariffs (nominal voltage ≥ 1000 Volts AND ≤ 22,000 Volts)

A400	HV		
Only available to non-embedded network customers consuming < 55 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$15,656.219
	- Peak Unit rate	¢/kWh	3.954
	- Off Peak Unit rate	¢/kWh	1.124
	- Demand rate	$/kVA pa	$76.533
	Minimum Chargeable Demand	1,000 kVA	

A40E	HV_{EN}		
Only available to embedded network customers			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$15,656.219
	- Peak Unit rate	¢/kWh	3.651
	- Off Peak Unit rate	¢/kWh	1.124
	- Demand rate	$/kVA pa	$78.674
	Minimum Chargeable Demand	1,000 kVA	

A40R	HV_{RF} (closed to new entrants)[e]		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$15,656.219
	- Peak Unit rate	¢/kWh	3.938
	- Off Peak Unit rate	¢/kWh	1.124
	- Demand rate	$/kVA pa	$74.692
	Minimum Chargeable Demand	1,000 kVA	

A480	HV - Annual Consumption ≥ 55 GWh		
Only available to non-embedded customers consuming ≥ 55 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$16,215.008
	- Peak Unit rate	¢/kWh	3.680
	- Off Peak Unit rate	¢/kWh	1.040
	- Demand rate	$/kVA pa	$72.044
	Minimum Chargeable Demand	10,000 kVA	

Jemena Electricity Networks (VIC) Ltd - Network Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
Large Business - Subtransmission			
Subtransmission Tariffs (nominal voltage > 22,000 Volts)			
A500	**Subtransmission**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$56,410.623**
	- Peak Unit rate	**¢/kWh**	**2.552**
	- Off Peak Unit rate	**¢/kWh**	**0.654**
	- Demand rate	**$/kVA pa**	**$24.435**
	Minimum Chargeable Demand	**15,000 kVA**	
A50A	**Subtransmission MA**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$56,410.623**
	- Peak Unit rate	**¢/kWh**	**2.552**
	- Off Peak Unit rate	**¢/kWh**	**0.654**
	- Demand rate	**$/kVA pa**	**$24.540**
	Minimum Chargeable Demand	**15,000 kVA**	
A50E	**Subtransmission EG**		
Available to Embedded Generators connected to TTS-SSS-ST-EPG-TTS Loop.			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$36,575.599**
	- Peak Unit rate	**¢/kWh**	**2.581**
	- Off Peak Unit rate	**¢/kWh**	**0.641**
	- Demand rate	**$/kVA pa**	**$8.371**
	Minimum Chargeable Demand	**15,000 kVA**	

[a] A tariff code starting with the letter "F" indicates that the tariff attracts the Premium Feed-In--Tariff rebate
Tariff reassignmnet requests to a tariff starting with the letter "F" can only be made by the customer's retailer.

[b] A tariff code starting with the letter "T" indicates that the tariff attracts the Transitional Feed-In-Tariff rebate.
Transitional Feed-In-Tariff rebate is no longer applicable from 2017
Existing customers will remain on "T" tariffs untill they / retailers choose to move to another tariff;
however, no Transitional Feed-In-Tariff rebate will be paid

[c] This tariff is closed to new entrants except for solar customers with a dedicated off peak heating circuit controlled by Jemena.

[d] The installation of an embedded generation by an existing customer is considered a change in load characteristic and as such the A180 tariff is not supported. The metering and data recording for a co-generation site has additional regulated requirements to that of a standard site. It is not technically feasible to meet these requirements and at the same time be able to separately measure, control and bill a load controlled heating.

[e] Other terms and conditions apply

The *Deemed Distribution Contract* and Jemena Electricity Networks' *Policy for Resetting Contract Demand* form part of the terms and conditions related to these prices. These documents can be viewed or downloaded from the following Website:
http://jemena.com.au/getattachment/6602de3e-9780-4bf6-b5fb-7114f89e4956/Deemed-Standard-Distribution-Contract.aspx
http://jemena.com.au/getattachment/3ecb77af-f5a0-4830-a7e5-6be44861e0c6/Contract-demand-reset-policy.aspx

Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
Residential			
Only available to residential customers			
A100 / F100[a] / T100[b]	**General Purpose**		
	Single rate all times		
	- Standing charge	**$/customer pa**	**$58.659**
	- Unit rate	**¢/kWh**	**7.821**
A10X / F10X[a] / T10X[b]	**Flexible**		
Available to customers with a remotely read AMI meter			
Summer period: is the daylight savings period; **Non-summer period:** All other times			
Peak Summer/Non-summer: 3 PM to 9 PM local time weekdays			
Shoulder Summer/Non-summer: 7 AM to 3 PM and 9 PM to 10 PM local time weekdays			
***and** 7 AM to 10 PM local time weekends*			
Off peak Summer/Non-summer: 10 PM to 7 AM local time all days			
	- Standing charge	**$/customer pa**	**$58.659**
	Summer rates		
	- Peak Unit rate	**¢/kWh**	**12.601**
	- Shoulder Unit rate	**¢/kWh**	**7.821**
	- Off Peak Unit rate	**¢/kWh**	**3.802**
	Non-summer rates		
	- Peak Unit rate	**¢/kWh**	**12.601**
	- Shoulder Unit rate	**¢/kWh**	**7.821**
	- Off Peak Unit rate	**¢/kWh**	**3.802**
A10D / F10D[a] / T10D[b]	**General Purpose - Demand**		
Available to customers with a remotely read AMI meter			
	Energy consumption - single rate all times		
	Demand charging window 3pm - 9pm work days; reset monthly		
	- Standing charge	**$/customer pa**	**$58.659**
	- Unit rate	**¢/kWh**	**3.443**
	- Demand rate	**$/kW pa**	**$60.031**
A10I / F10I[a] / T10I[b]	**Time of Use Interval Meter** (closed to new entrants)[c]		
Available to customers with an interval meter			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$58.659**
	- Peak Unit rate	**¢/kWh**	**12.670**
	- Off Peak Unit rate	**¢/kWh**	**1.844**

Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A140	**Time of Use** (closed to new entrants)		
This tariff is not available to existing customers that install an interval meter			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$99.122**
	- Peak Unit rate	**¢/kWh**	**8.739**
	- Off Peak Unit rate	**¢/kWh**	**1.475**
A180	**Off Peak Heating Only** (dedicated ciruit)		
Available as a complementary tariff to the "Residential - General Purpose" A100 tariff only.			
This tariff is not available to new or existing customers that install embedded generation[d]			
	11 PM to 7 AM AEST all days		
	- Standing charge	**$/customer pa**	**$0.000**
	- Off Peak Unit rate	**¢/kWh**	**1.700**

Small Business

Available to customers (embedded or non- embedded) with annual consumption < 0.4 GWh
AND maximum demand < 120 kVA

A200 / F200[a] / T200[b]	**General Purpose**		
Only available to customers consuming < 40 MWh pa			
	Single rate all times		
	- Standing charge	**$/customer pa**	**$101.407**
	- Unit rate	**¢/kWh**	**9.346**
A20D / F20D[a] / T20D[b]	**General Purpose - Demand**		
Only available to customers with meter capable of measuring demand			
AND consuming < 40 MWh pa			
	Single rate all times		
	Demand charging window 10am - 8pm work days		
	- Standing charge	**$/customer pa**	**$101.407**
	- Unit rate	**¢/kWh**	**7.371**
	- Demand rate	**$/kW pa**	**$58.183**
A210 / F210[a] / T210[b]	**Time of Use Weekdays**		
Only available to customers with two rate accumulation meter (or Interval meter)			
AND consuming < 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$156.027**
	- Peak Unit rate	**¢/kWh**	**11.056**
	- Off Peak Unit rate	**¢/kWh**	**1.818**

Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A230 / F230[a] / T230[b]	**Time of Use Weekdays - Demand**		
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$225.879**
	- Peak Unit rate	**¢/kWh**	**6.809**
	- Off Peak Unit rate	**¢/kWh**	**2.121**
	- Demand rate	**$/kW pa**	**$66.547**
A23N / F23N[a] / T23N[b]	**Time of Use - Opt-out**		
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa & < 160 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$225.879**
	- Peak Unit rate	**¢/kWh**	**11.056**
	- Off Peak Unit rate	**¢/kWh**	**1.818**
	- Demand rate	**$/kW pa**	**$0.000**
A250 / F250[a] / T250[b]	**Time of Use Extended** (closed to new entrants)		
Only available to customers with a two rate accumulation meter (or interval meter) AND consuming < 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$156.027**
	- Peak Unit rate	**¢/kWh**	**9.793**
	- Off Peak Unit rate	**¢/kWh**	**1.970**
A270 / F270[a] / T270[b]	**Time of Use Extended - Demand** (closed to new entrants)		
Only available to customers with a meter capable of measuring demand AND consuming >40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$225.879**
	- Peak Unit rate	**¢/kWh**	**5.171**
	- Off Peak Unit rate	**¢/kWh**	**2.261**
	- Demand rate	**$/kW pa**	**$66.547**
	Minimum Chargeable Demand	**60 kW**	
A290	**Unmetered Supply**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Peak Unit rate	**¢/kWh**	**10.485**
	- Off Peak Unit rate	**¢/kWh**	**1.888**

Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate

Large Business - LV

Low Voltage Tariffs (nominal voltage < 1000 Volts)

Only available to embedded network customers OR non-embedded network customers with annual consumption ≥ 0.4 GWh OR maximum demand ≥ 120 kVA

A300 / F300[a] / T300[b]	LV 0.4 - 0.8 GWh		
Only available to non-embedded network customers consuming ≤ 0.8 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$2,465.437
	- Peak Unit rate	¢/kWh	2.018
	- Off Peak Unit rate	¢/kWh	0.639
	- Demand rate	$/kVA pa	$100.021
	Minimum Chargeable Demand	120 kVA	

A30E	LV_{EN} Annual Consumption ≤ 0.8 GWh		
Only available to embedded network customers consuming ≤ 0.8 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$2,465.437
	- Peak Unit rate	¢/kWh	2.036
	- Off Peak Unit rate	¢/kWh	0.639
	- Demand rate	$/kVA pa	$112.849
	Minimum Chargeable Demand	120 kVA	

A320	LV 0.8^{+} - 2.2 GWh		
Only available to non-embedded network customers consuming > 0.8 GWh pa BUT ≤ 2.2 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$4,315.529
	- Peak Unit rate	¢/kWh	1.377
	- Off Peak Unit rate	¢/kWh	0.628
	- Demand rate	$/kVA pa	$92.453
	Minimum Chargeable Demand	250 kVA	

A32E	LV_{EN} 0.8^{+} - 2.2 GWh		
Only available to embedded network customers consuming > 0.8 GWh pa BUT ≤ 2.2 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$4,315.529
	- Peak Unit rate	¢/kWh	1.376
	- Off Peak Unit rate	¢/kWh	0.628
	- Demand rate	$/kVA pa	$101.707
	Minimum Chargeable Demand	250 kVA	

Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A340	**LV 2.2^{+} - 6.0 GWh**		
Only available to non-embedded network customers consuming > 2.2 GWh pa BUT ≤ 6.0 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$6,619.210**
	- Peak Unit rate	**¢/kWh**	**1.260**
	- Off Peak Unit rate	**¢/kWh**	**0.511**
	- Demand rate	**$/kVA pa**	**$91.455**
	Minimum Chargeable Demand	**250 kVA**	
A34E	**LV$_{EN}$ 2.2^{+} GWh**		
Only available to embedded network customers consuming > 2.2 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$6,619.210**
	- Peak Unit rate	**¢/kWh**	**1.260**
	- Off Peak Unit rate	**¢/kWh**	**0.511**
	- Demand rate	**$/kVA pa**	**$96.583**
	Minimum Chargeable Demand	**250 kVA**	
A34M	**LV$_{MS}$ 2.2^{+} - 6.0 GWh** (closed to new entrants)[e]		
Only available to non-embedded network customer taking supply from multiple NMIs on a single site AND the aggregated annual consumption from those NMIs is > 2.2 GWh pa BUT ≤ 6.0 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$3,901.284**
	- Peak Unit rate	**¢/kWh**	**1.247**
	- Off Peak Unit rate	**¢/kWh**	**0.511**
	- Demand rate	**$/kVA pa**	**$62.088**
	Minimum Chargeable Demand	**250 kVA**	
A370	**LV 6.0^{+} GWh**		
Only available to non-embedded network customers consuming > 6.0 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$9,072.511**
	- Peak Unit rate	**¢/kWh**	**1.225**
	- Off Peak Unit rate	**¢/kWh**	**0.455**
	- Demand rate	**$/kVA pa**	**$87.833**
	Minimum Chargeable Demand	**450 kVA**	
A37M	**LV$_{MS}$ 6.0^{+} GWh** (closed to new entrants)[e]		
Only available to non-embedded network customer taking supply from multiple NMIs on a single site AND the aggregated annual consumption from those NMIs is > 6.0 Gwh			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$5,268.972**
	- Peak Unit rate	**¢/kWh**	**1.225**
	- Off Peak Unit rate	**¢/kWh**	**0.455**
	- Demand rate	**$/kVA pa**	**$62.193**
	Minimum Chargeable Demand	**450 kVA**	

Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate

Large Business - HV

High Voltage Tariffs (nominal voltage ≥ 1000 Volts AND ≤ 22,000 Volts)

A400	HV		
Only available to non-embedded network customers consuming < 55 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$6,494.215
	- Peak Unit rate	¢/kWh	0.819
	- Off Peak Unit rate	¢/kWh	0.237
	- Demand rate	$/kVA pa	$73.632
	Minimum Chargeable Demand	1,000 kVA	

A40E	HV_{EN}		
Only available to embedded network customers			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$6,494.215
	- Peak Unit rate	¢/kWh	0.822
	- Off Peak Unit rate	¢/kWh	0.237
	- Demand rate	$/kVA pa	$75.863
	Minimum Chargeable Demand	1,000 kVA	

A40R	HV_{RF} (closed to new entrants)[e]		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$6,494.215
	- Peak Unit rate	¢/kWh	0.811
	- Off Peak Unit rate	¢/kWh	0.237
	- Demand rate	$/kVA pa	$67.658
	Minimum Chargeable Demand	1,000 kVA	

A480	HV - Annual Consumption ≥ 55 GWh		
Only available to non-embedded customers consuming ≥ 55 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	$/customer pa	$6,066.261
	- Peak Unit rate	¢/kWh	0.782
	- Off Peak Unit rate	¢/kWh	0.184
	- Demand rate	$/kVA pa	$65.328
	Minimum Chargeable Demand	10,000 kVA	

Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
Large Business - Subtransmission			
Subtransmission Tariffs (nominal voltage > 22,000 Volts)			
A500	**Subtransmission**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$40,563.080**
	- Peak Unit rate	**¢/kWh**	**0.153**
	- Off Peak Unit rate	**¢/kWh**	**0.045**
	- Demand rate	**$/kVA pa**	**$20.197**
	Minimum Chargeable Demand	**15,000 kVA**	
A50A	**Subtransmission MA**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$40,563.080**
	- Peak Unit rate	**¢/kWh**	**0.153**
	- Off Peak Unit rate	**¢/kWh**	**0.045**
	- Demand rate	**$/kVA pa**	**$20.281**
	Minimum Chargeable Demand	**15,000 kVA**	
A50E	**Subtransmission EG**		
Available to Embedded Generators connected to TTS-SSS-ST-EPG-TTS Loop.			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$31,516.884**
	- Peak Unit rate	**¢/kWh**	**0.146**
	- Off Peak Unit rate	**¢/kWh**	**0.023**
	- Demand rate	**$/kVA pa**	**$3.478**
	Minimum Chargeable Demand	**15,000 kVA**	

[a] A tariff code starting with the letter "F" indicates that the tariff attracts the Premium Feed-In--Tariff rebate
Tariff reassignmnet requests to a tariff starting with the letter "F" can only be made by the customer's retailer.

[b] A tariff code starting with the letter "T" indicates that the tariff attracts the Transitional Feed-In-Tariff rebate.
Transitional Feed-In-Tariff rebate is no longer applicable from 2017
Existing customers will remain on "T" tariffs untill they / retailers choose to move to another tariff;
however, no Transitional Feed-In-Tariff rebate will be paid

[c] This tariff is closed to new entrants except for solar customers with a dedicated off peak heating circuit controlled by Jemena.

[d] The installation of an embedded generation by an existing customer is considered a change in load characteristic and as such the A180 tariff is not supported. The metering and data recording for a co-generation site has additional regulated requirements to that of a standard site. It is not technically feasible to meet these requirements and at the same time be able to separately measure, control and bill a load controlled heating.

[e] Other terms and conditions apply

The *Deemed Distribution Contract* and Jemena Electricity Networks' *Policy for Resetting Contract Demand* form part of the terms and conditions related to these prices. These documents can be viewed or downloaded from the following Website:
http://jemena.com.au/getattachment/6602de3e-9780-4bf6-b5fb-7114f89e4956/Deemed-Standard-Distribution-Contract.aspx
http://jemena.com.au/getattachment/3ecb77af-f5a0-4830-a7e5-6be44861e0c6/Contract-demand-reset-policy.aspx

Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
Residential			
Only available to residential customers			
A100 / F100[a] / T100[b]	**General Purpose**		
	Single rate all times		
	- Standing charge	**$/customer pa**	**$0.521**
	- Unit rate	**¢/kWh**	**0.617**
A10X / F10X[a] / T10X[b]	**Flexible**		
Available to customers with a remotely read AMI meter			
Summer period: is the daylight savings period; **Non-summer period:** All other times			
Peak Summer/Non-summer: 3 PM to 9 PM local time weekdays			
Shoulder Summer/Non-summer: 7 AM to 3 PM and 9 PM to 10 PM local time weekdays			
***and** 7 AM to 10 PM local time weekends*			
Off peak Summer/Non-summer: 10 PM to 7 AM local time all days			
	- Standing charge	**$/customer pa**	**$0.521**
	Summer rates		
	- Peak Unit rate	**¢/kWh**	**0.278**
	- Shoulder Unit rate	**¢/kWh**	**0.617**
	- Off Peak Unit rate	**¢/kWh**	**0.033**
	Non-summer rates		
	- Peak Unit rate	**¢/kWh**	**0.278**
	- Shoulder Unit rate	**¢/kWh**	**0.617**
	- Off Peak Unit rate	**¢/kWh**	**0.033**
A10D / F10D[a] / T10D[b]	**General Purpose - Demand**		
Available to customers with a remotely read AMI meter			
	Energy consumption - single rate all times.		
	Demand charging window 3pm - 9pm work days; reset monthly		
	- Standing charge	**$/customer pa**	**$0.521**
	- Unit rate	**¢/kWh**	**0.617**
	- Demand rate	**$/kW pa**	**$0.000**
A10I / F10I[a] / T10I[b]	**Time of Use Interval Meter** (closed to new entrants)[c]		
Available to customers with an interval meter			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.521**
	- Peak Unit rate	**¢/kWh**	**0.278**
	- Off Peak Unit rate	**¢/kWh**	**0.381**

Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A140	**Time of Use** (closed to new entrants)		
This tariff is not available to existing customers that install an interval meter			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.521**
	- Peak Unit rate	**¢/kWh**	**3.122**
	- Off Peak Unit rate	**¢/kWh**	**1.013**
A180	**Off Peak Heating Only** (dedicated ciruit)		
Available as a complementary tariff to the "Residential - General Purpose" A100 tariff only.			
This tariff is not available to new or existing customers that install embedded generation[d]			
	11 PM to 7 AM AEST all days		
	- Standing charge	**$/customer pa**	**$0.000**
	- Off Peak Unit rate	**¢/kWh**	**0.765**

Small Business

Available to customers (embedded or non- embedded) with annual consumption < 0.4 GWh
AND maximum demand < 120 kVA

A200 / F200[a] / T200[b]	**General Purpose**		
Only available to customers consuming < 40 MWh pa			
	Single rate all times		
	- Standing charge	**$/customer pa**	**$1.027**
	- Unit rate	**¢/kWh**	**1.268**
A20D / F20D[a] / T20D[b]	**General Purpose - Demand**		
Only available to customers with meter capable of measuring demand			
AND consuming < 40 MWh pa			
	Single rate all times		
	Demand charging window 10am - 8pm work days		
	- Standing charge	**$/customer pa**	**$1.027**
	- Unit rate	**¢/kWh**	**1.268**
	- Demand rate	**$/kW pa**	**$0.000**
A210 / F210[a] / T210[b]	**Time of Use Weekdays**		
Only available to customers with two rate accumulation meter (or Interval meter)			
AND consuming < 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$14.625**
	- Peak Unit rate	**¢/kWh**	**2.224**
	- Off Peak Unit rate	**¢/kWh**	**0.695**

Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A230 / F230[a] / T230[b]	**Time of Use Weekdays - Demand**		
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$128.586**
	- Peak Unit rate	**¢/kWh**	**1.080**
	- Off Peak Unit rate	**¢/kWh**	**0.481**
	- Demand rate	**$/kW pa**	**$0.599**
A23N / F23N[a] / T23N[b]	**Time of Use - Opt-out**		
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa & < 160 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$128.586**
	- Peak Unit rate	**¢/kWh**	**2.224**
	- Off Peak Unit rate	**¢/kWh**	**0.695**
	- Demand rate	**$/kW pa**	**$0.000**
A250 / F250[a] / T250[b]	**Time of Use Extended** (closed to new entrants)		
Only available to customers with a two rate accumulation meter (or interval meter) AND consuming < 40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$14.625**
	- Peak Unit rate	**¢/kWh**	**1.992**
	- Off Peak Unit rate	**¢/kWh**	**0.726**
A270 / F270[a] / T270[b]	**Time of Use Extended - Demand** (closed to new entrants)		
Only available to customers with a meter capable of measuring demand AND consuming >40 MWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$128.586**
	- Peak Unit rate	**¢/kWh**	**1.782**
	- Off Peak Unit rate	**¢/kWh**	**0.468**
	- Demand rate	**$/kW pa**	**$0.598**
	Minimum Chargeable Demand	**60 kW**	
A290	**Unmetered Supply**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Peak Unit rate	**¢/kWh**	**1.349**
	- Off Peak Unit rate	**¢/kWh**	**0.829**

Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate

Large Business - LV

Low Voltage Tariffs (nominal voltage < 1000 Volts)

Only available to embedded network customers OR non-embedded network customers with annual consumption ≥ 0.4 GWh OR maximum demand ≥ 120 kVA

A300 / F300[a] / T300[b]	LV 0.4 - 0.8 GWh		

Only available to non-embedded network customers consuming ≤ 0.8 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$95.064**
- Peak Unit rate	**¢/kWh**	**2.937**
- Off Peak Unit rate	**¢/kWh**	**1.021**
- Demand rate	**$/kVA pa**	**$1.412**
Minimum Chargeable Demand	**120 kVA**	

A30E	LV_{EN} Annual Consumption ≤ 0.8 GWh		

Only available to embedded network customers consuming ≤ 0.8 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$95.064**
- Peak Unit rate	**¢/kWh**	**2.846**
- Off Peak Unit rate	**¢/kWh**	**1.021**
- Demand rate	**$/kVA pa**	**$1.912**
Minimum Chargeable Demand	**120 kVA**	

A320	LV 0.8+ - 2.2 GWh		

Only available to non-embedded network customers consuming > 0.8 GWh pa BUT ≤ 2.2 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$201.263**
- Peak Unit rate	**¢/kWh**	**3.013**
- Off Peak Unit rate	**¢/kWh**	**1.027**
- Demand rate	**$/kVA pa**	**$2.449**
Minimum Chargeable Demand	**250 kVA**	

A32E	LV_{EN} 0.8+ - 2.2 GWh		

Only available to embedded network customers consuming > 0.8 GWh pa BUT ≤ 2.2 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$201.263**
- Peak Unit rate	**¢/kWh**	**2.757**
- Off Peak Unit rate	**¢/kWh**	**1.027**
- Demand rate	**$/kVA pa**	**$3.167**
Minimum Chargeable Demand	**250 kVA**	

Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
A340	**LV 2.2^{+} - 6.0 GWh**		
Only available to non-embedded network customers consuming > 2.2 GWh pa BUT ≤ 6.0 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$1,337.763**
	- Peak Unit rate	**¢/kWh**	**3.081**
	- Off Peak Unit rate	**¢/kWh**	**1.026**
	- Demand rate	**$/kVA pa**	**$2.525**
	Minimum Chargeable Demand	**250 kVA**	
A34E	**LV$_{EN}$ 2.2^{+} GWh**		
Only available to embedded network customers consuming > 2.2 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$1,337.763**
	- Peak Unit rate	**¢/kWh**	**2.562**
	- Off Peak Unit rate	**¢/kWh**	**1.022**
	- Demand rate	**$/kVA pa**	**$4.366**
	Minimum Chargeable Demand	**250 kVA**	
A34M	**LV$_{MS}$ 2.2^{+} - 6.0 GWh** (closed to new entrants)[e]		
Only available to non-embedded network customer taking supply from multiple NMIs on a single site AND the aggregated annual consumption from those NMIs is > 2.2 GWh pa BUT ≤ 6.0 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$1,787.264**
	- Peak Unit rate	**¢/kWh**	**3.309**
	- Off Peak Unit rate	**¢/kWh**	**1.019**
	- Demand rate	**$/kVA pa**	**$3.375**
	Minimum Chargeable Demand	**250 kVA**	
A370	**LV 6.0^{+} GWh**		
Only available to non-embedded network customers consuming > 6.0 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$3,447.177**
	- Peak Unit rate	**¢/kWh**	**2.691**
	- Off Peak Unit rate	**¢/kWh**	**1.018**
	- Demand rate	**$/kVA pa**	**$2.757**
	Minimum Chargeable Demand	**450 kVA**	
A37M	**LV$_{MS}$ 6.0^{+} GWh** (closed to new entrants)[e]		
Only available to non-embedded network customer taking supply from multiple NMIs on a single site AND the aggregated annual consumption from those NMIs is > 6.0 Gwh			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$4,284.119**
	- Peak Unit rate	**¢/kWh**	**2.826**
	- Off Peak Unit rate	**¢/kWh**	**1.018**
	- Demand rate	**$/kVA pa**	**$3.425**
	Minimum Chargeable Demand	**450 kVA**	

Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate

Large Business - HV

High Voltage Tariffs (nominal voltage ≥ 1000 Volts AND ≤ 22,000 Volts)

A400	HV		
Only available to non-embedded network customers consuming < 55 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$9,162.004**
	- Peak Unit rate	**¢/kWh**	**2.982**
	- Off Peak Unit rate	**¢/kWh**	**0.757**
	- Demand rate	**$/kVA pa**	**$2.901**
	Minimum Chargeable Demand	**1,000 kVA**	

A40E	HV_{EN}		
Only available to embedded network customers			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$9,162.004**
	- Peak Unit rate	**¢/kWh**	**2.676**
	- Off Peak Unit rate	**¢/kWh**	**0.757**
	- Demand rate	**$/kVA pa**	**$2.811**
	Minimum Chargeable Demand	**1,000 kVA**	

A40R	HV_{RF} (closed to new entrants)[e]		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$9,162.004**
	- Peak Unit rate	**¢/kWh**	**2.974**
	- Off Peak Unit rate	**¢/kWh**	**0.757**
	- Demand rate	**$/kVA pa**	**$7.034**
	Minimum Chargeable Demand	**1,000 kVA**	

A480	HV - Annual Consumption ≥ 55 GWh		
Only available to non-embedded customers consuming ≥ 55 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$10,148.747**
	- Peak Unit rate	**¢/kWh**	**2.745**
	- Off Peak Unit rate	**¢/kWh**	**0.726**
	- Demand rate	**$/kVA pa**	**$6.716**
	Minimum Chargeable Demand	**10,000 kVA**	

Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
Large Business - Subtransmission			
Subtransmission Tariffs (nominal voltage > 22,000 Volts)			
A500	**Subtransmission**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$15,847.543**
	- Peak Unit rate	**¢/kWh**	**2.268**
	- Off Peak Unit rate	**¢/kWh**	**0.499**
	- Demand rate	**$/kVA pa**	**$4.238**
	Minimum Chargeable Demand	**15,000 kVA**	
A50A	**Subtransmission MA**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$15,847.543**
	- Peak Unit rate	**¢/kWh**	**2.268**
	- Off Peak Unit rate	**¢/kWh**	**0.499**
	- Demand rate	**$/kVA pa**	**$4.259**
	Minimum Chargeable Demand	**15,000 kVA**	
A50E	**Subtransmission EG**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$5,058.715**
	- Peak Unit rate	**¢/kWh**	**2.304**
	- Off Peak Unit rate	**¢/kWh**	**0.508**
	- Demand rate	**$/kVA pa**	**$4.893**
	Minimum Chargeable Demand	**15,000 kVA**	

[a] A tariff code starting with the letter "F" indicates that the tariff attracts the Premium Feed-In--Tariff rebate
Tariff reassi Available to Embedded Generators connected to TTS-SSS-ST-EPG-TTS Loop.

[b] A tariff code starting with the letter "T" indicates that the tariff attracts the Transitional Feed-In-Tariff rebate.
Transitional Feed-In-Tariff rebate is no longer applicable from 2017
Existing customers will remain on "T" tariffs untill they / retailers choose to move to another tariff;
however, no Transitional Feed-In-Tariff rebate will be paid

[c] This tariff is closed to new entrants except for solar customers with a dedicated off peak heating circuit controlled by Jemena.

[d] The installation of an embedded generation by an existing customer is considered a change in load characteristic and as such the A180 tariff is not supported. The metering and data recording for a co-generation site has additional regulated requirements to that of a standard site. It is not technically feasible to meet these requirements and at the same time be able to separately measure, control and bill a load controlled heating.

[e] Other terms and conditions apply

The *Deemed Distribution Contract* and Jemena Electricity Networks' *Policy for Resetting Contract Demand* form part of the terms and conditions related to these prices. These documents can be viewed or downloaded from the following Website:
http://jemena.com.au/getattachment/6602de3e-9780-4bf6-b5fb-7114f89e4956/Deemed-Standard-Distribution-Contract.aspx
http://jemena.com.au/getattachment/3ecb77af-f5a0-4830-a7e5-6be44861e0c6/Contract-demand-reset-policy.aspx

Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class Code	Tariff Name	Units	Rate
Residential			
Only available to residential customers			
A100 / F100[a] / T100[b]	**General Purpose**		
	Single rate all times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Unit rate	**¢/kWh**	**$0.142**
A10X / F10X[a] / T10X[b]	**Flexible**		
Available to customers with a remotely read AMI meter			
Summer period: is the daylight savings period; **Non-summer period:** All other times			
Peak Summer/Non-summer: 3 PM to 9 PM local time weekdays			
Shoulder Summer/Non-summer: 7 AM to 3 PM and 9 PM to 10 PM local time weekdays			
***and** 7 AM to 10 PM local time weekends*			
Off peak Summer/Non-summer: 10 PM to 7 AM local time all days			
	- Standing charge	**$/customer pa**	**$0.000**
	Summer rates		
	- Peak Unit rate	**¢/kWh**	**0.142**
	- Shoulder Unit rate	**¢/kWh**	**0.142**
	- Off Peak Unit rate	**¢/kWh**	**0.136**
	Non-summer rates		
	- Peak Unit rate	**¢/kWh**	**0.142**
	- Shoulder Unit rate	**¢/kWh**	**0.142**
	- Off Peak Unit rate	**¢/kWh**	**0.136**
A10D / F10D[a] / T10D[b]	**General Purpose - Demand**		
Available to customers with a remotely read AMI meter			
	Energy consumption - single rate all times		
	Demand charging window 3pm - 9pm work days; reset monthly		
	- Standing charge	**$/customer pa**	**$0.000**
	- Unit rate	**¢/kWh**	**0.142**
	- Demand rate	**$/kW pa**	**$0.000**
A10I / F10I[a] / T10I[b]	**Time of Use Interval Meter** (closed to new entrants)[c]		
Available to customers with an interval meter			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Peak Unit rate	**¢/kWh**	**0.142**
	- Off Peak Unit rate	**¢/kWh**	**0.105**

Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class	Code	Tariff Name	Units	Rate
	A140	**Time of Use** (closed to new entrants)		
	This tariff is not available to existing customers that install an interval meter			
		Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
		- Standing charge	**$/customer pa**	**$0.000**
		- Peak Unit rate	**¢/kWh**	**0.142**
		- Off Peak Unit rate	**¢/kWh**	**0.105**
	A180	**Off Peak Heating Only** (dedicated ciruit)		
	Available as a complementary tariff to the "Residential - General Purpose" A100 tariff only.			
	This tariff is not available to new or existing customers that install embedded generation[d]			
		11 PM to 7 AM AEST all days		
		- Standing charge	**$/customer pa**	**$0.000**
		- Off Peak Unit rate	**¢/kWh**	**0.105**
Small Business				
Available to customers (embedded or non- embedded) with annual consumption < 0.4 GWh AND maximum demand < 120 kVA				
	A200 / F200[a] / T200[b]	**General Purpose**		
	Only available to customers consuming < 40 MWh pa			
		Single rate all times		
		- Standing charge	**$/customer pa**	**$0.000**
		- Unit rate	**¢/kWh**	**0.165**
	A20D / F20D[a] / T20D[b]	**General Purpose - Demand**		
	Only available to customers with meter capable of measuring demand			
	AND consuming < 40 MWh pa			
		Single rate all times		
		Demand charging window 10am - 8pm work days		
		- Standing charge	**$/customer pa**	**$0.000**
		- Unit rate	**¢/kWh**	**0.165**
		- Demand rate	**$/kW pa**	**$0.000**
	A210 / F210[a] / T210[b]	**Time of Use Weekdays**		
	Only available to customers with two rate accumulation meter (or Interval meter)			
	AND consuming < 40 MWh pa			
		Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
		- Standing charge	**$/customer pa**	**$0.000**
		- Peak Unit rate	**¢/kWh**	**0.165**
		- Off Peak Unit rate	**¢/kWh**	**0.112**

Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs For The 2020 Calendar Year (Exclusive of GST)

Tariff Class	Code	Tariff Name	Units	Rate
A230 / F230[a] / T230[b]		**Time of Use Weekdays - Demand**		
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa				
		Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
		- Standing charge	**$/customer pa**	**$0.000**
		- Peak Unit rate	**¢/kWh**	**0.165**
		- Off Peak Unit rate	**¢/kWh**	**0.112**
		- Demand rate	**$/kW pa**	**$0.000**
A23N / F23N[a] / T23N[b]		**Time of Use - Opt-out**		
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa & < 160 MWh pa				
		Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
		- Standing charge	**$/customer pa**	**$0.000**
		- Peak Unit rate	**¢/kWh**	**0.165**
		- Off Peak Unit rate	**¢/kWh**	**0.112**
		- Demand rate	**$/kW pa**	**$0.000**
A250 / F250[a] / T250[b]		**Time of Use Extended** (closed to new entrants)		
Only available to customers with a two rate accumulation meter (or interval meter) AND consuming < 40 MWh pa				
		Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times		
		- Standing charge	**$/customer pa**	**$0.000**
		- Peak Unit rate	**¢/kWh**	**0.165**
		- Off Peak Unit rate	**¢/kWh**	**0.112**
A270 / F270[a] / T270[b]		**Time of Use Extended - Demand** (closed to new entrants)		
Only available to customers with a meter capable of measuring demand AND consuming >40 MWh pa				
		Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times		
		- Standing charge	**$/customer pa**	**$0.000**
		- Peak Unit rate	**¢/kWh**	**0.165**
		- Off Peak Unit rate	**¢/kWh**	**0.112**
		- Demand rate	**$/kW pa**	**$0.000**
		Minimum Chargeable Demand	**60 kW**	
A290		**Unmetered Supply**		
		Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
		- Peak Unit rate	**¢/kWh**	**0.165**
		- Off Peak Unit rate	**¢/kWh**	**0.111**

Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs For The 2020 Calendar Year (Exclusive of GST)

Large Business - LV

Low Voltage Tariffs (nominal voltage < 1000 Volts)

Only available to embedded network customers OR non-embedded network customers with annual consumption ≥ 0.4 GWh OR maximum demand ≥ 120 kVA

A300 / F300[a] / T300[b] LV 0.4 - 0.8 GWh

Only available to non-embedded network customers consuming ≤ 0.8 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**120 kVA**	

A30E LV_{EN} Annual Consumption ≤ 0.8 GWh

Only available to embedded network customers consuming ≤ 0.8 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**120 kVA**	

A320 LV 0.8^{+} - 2.2 GWh

Only available to non-embedded network customers consuming > 0.8 GWh pa BUT ≤ 2.2 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**250 kVA**	

A32E LV_{EN} 0.8^{+} - 2.2 GWh

Only available to embedded network customers consuming > 0.8 GWh pa BUT ≤ 2.2 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**250 kVA**	

Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs For The 2020 Calendar Year (Exclusive of GST)

A340 **LV 2.2^{+} - 6.0 GWh**

Only available to non-embedded network customers consuming > 2.2 GWh pa BUT ≤ 6.0 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**250 kVA**	

A34E **LV$_{EN}$ 2.2^{+} GWh**

Only available to embedded network customers consuming > 2.2 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**250 kVA**	

A34M **LV$_{MS}$ 2.2^{+} - 6.0 GWh** (closed to new entrants)[e]

Only available to non-embedded network customer taking supply from multiple NMIs on a single site AND the aggregated annual consumption from those NMIs is > 2.2 GWh pa BUT ≤ 6.0 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**250 kVA**	

A370 **LV 6.0^{+} GWh**

Only available to non-embedded network customers consuming > 6.0 GWh pa

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**450 kVA**	

A37M **LV$_{MS}$ 6.0^{+} GWh** (closed to new entrants)[e]

Only available to non-embedded network customer taking supply from multiple NMIs on a single site AND the aggregated annual consumption from those NMIs is > 6.0 Gwh

Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times

- Standing charge	**$/customer pa**	**$0.000**
- Peak Unit rate	**¢/kWh**	**0.145**
- Off Peak Unit rate	**¢/kWh**	**0.119**
- Demand rate	**$/kVA pa**	**$0.000**
Minimum Chargeable Demand	**450 kVA**	

Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs For The 2020 Calendar Year (Exclusive of GST)

Large Business - HV

High Voltage Tariffs (nominal voltage ≥ 1000 Volts AND ≤ 22,000 Volts)

A400	HV		
Only available to non-embedded network customers consuming < 55 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Peak Unit rate	**¢/kWh**	**0.153**
	- Off Peak Unit rate	**¢/kWh**	**0.130**
	- Demand rate	**$/kVA pa**	**$0.000**
	Minimum Chargeable Demand	**1,000 kVA**	

A40E	HV_{EN}		
Only available to embedded network customers			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Peak Unit rate	**¢/kWh**	**0.153**
	- Off Peak Unit rate	**¢/kWh**	**0.130**
	- Demand rate	**$/kVA pa**	**$0.000**
	Minimum Chargeable Demand	**1,000 kVA**	

A40R	HV_{RF} (closed to new entrants)[e]		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Peak Unit rate	**¢/kWh**	**0.153**
	- Off Peak Unit rate	**¢/kWh**	**0.130**
	- Demand rate	**$/kVA pa**	**$0.000**
	Minimum Chargeable Demand	**1,000 kVA**	

A480	HV - Annual Consumption ≥ 55 GWh		
Only available to non-embedded customers consuming ≥ 55 GWh pa			
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Peak Unit rate	**¢/kWh**	**0.153**
	- Off Peak Unit rate	**¢/kWh**	**0.130**
	- Demand rate	**$/kVA pa**	**$0.000**
	Minimum Chargeable Demand	**10,000 kVA**	

Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs For The 2020 Calendar Year (Exclusive of GST)

Large Business - Subtransmission

Subtransmission Tariffs (nominal voltage > 22,000 Volts)

A500	**Subtransmission**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Peak Unit rate	**¢/kWh**	**0.131**
	- Off Peak Unit rate	**¢/kWh**	**0.110**
	- Demand rate	**$/kVA pa**	**$0.000**
	Minimum Chargeable Demand	**15,000 kVA**	
A50A	**Subtransmission MA**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Peak Unit rate	**¢/kWh**	**0.131**
	- Off Peak Unit rate	**¢/kWh**	**0.110**
	- Demand rate	**$/kVA pa**	**$0.000**
	Minimum Chargeable Demand	**15,000 kVA**	
A50E	**Subtransmission EG**		
	Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times		
	- Standing charge	**$/customer pa**	**$0.000**
	- Peak Unit rate	**¢/kWh**	**0.131**
	- Off Peak Unit rate	**¢/kWh**	**0.110**
	- Demand rate	**$/kVA pa**	**$0.000**
	Minimum Chargeable Demand	**15,000 kVA**	

[a] A tariff code starting with the letter "F" indicates that the tariff attracts the Premium Feed-In--Tariff rebate
Tariff reassig Available to Embedded Generators connected to TTS-SSS-ST-EPG-TTS Loop.

[b] A tariff code starting with the letter "T" indicates that the tariff attracts the Transitional Feed-In-Tariff rebate.
Transitional Feed-In-Tariff rebate is no longer applicable from 2017
Existing customers will remain on "T" tariffs untill they / retailers choose to move to another tariff;
however, no Transitional Feed-In-Tariff rebate will be paid

[c] This tariff is closed to new entrants except for solar customers with a dedicated off peak heating circuit controlled by Jemena.

[d] The installation of an embedded generation by an existing customer is considered a change in load characteristic and as such the A180 tariff is not supported. The metering and data recording for a co-generation site has additional regulated requirements to that of a standard site. It is not technically feasible to meet these requirements and at the same time be able to separately measure, control and bill a load controlled heating.

[e] Other terms and conditions apply

The *Deemed Distribution Contract* and Jemena Electricity Networks' *Policy for Resetting Contract Demand* form part of the terms and conditions related to these prices. These documents can be viewed or downloaded from the following Website:
http://jemena.com.au/getattachment/6602de3e-9780-4bf6-b5fb-7114f89e4956/Deemed-Standard-Distribution-Contract.aspx
http://jemena.com.au/getattachment/3ecb77af-f5a0-4830-a7e5-6be44861e0c6/Contract-demand-reset-policy.aspx

2020 proposed alternative control services and public lighting charges

Jemena
bringing energy to life

A2. 2020 proposed alternative control services and public lighting charges

Jemena Electricity Networks (Vic) Ltd (JEN) Commonly Requested Distribution Services Schedule of charges for 2020 (effective from 1 January 2020)				
Distribution services	**Business Hours**		**After Hours**	
Routine new connections where JEN is the responsible for metering customers < 100 amps	**Price excluding GST**	**Price including GST**	**Price excluding GST**	**Price including GST**
Connection – single phase service	$631.01	$694.11	$631.01	$694.11
Connection – three phase service with direct connected metering	$817.64	$899.40	$817.64	$899.40
Connection – three phase service greater than 100 amps requiring current transformer (CT) metering	Quoted	Quoted	Quoted	Quoted
Routine new connections where JEN is not the responsible for metering customers < 100 amps				
Connection – single phase service	$631.01	$694.11	$631.01	$694.11
Connection – three phase service with direct connected metering	$817.64	$899.40	$817.64	$899.40
Connection – three phase service greater than 100 amps requiring current transformer (CT) metering.	Quoted	Quoted	Quoted	Quoted
Temporary Supply				
Single-Phase Temporary supply – overhead supply with coincident abolishment	$614.59	$676.05	$614.59	$676.05
Three-Phase Temporary supply – overhead supply with coincident abolishment	$786.48	$865.13	$786.48	$865.13
Field Officer Visits				
Manual energisation of new premises (fuse insert)	$38.54	$42.39	$61.24	$67.36
Manual re-energisation of existing premises (fuse insert)	$38.54	$42.39	$61.24	$67.36
Manual de-energisation of existing premises (fuse removal)	$59.46	$65.41	$78.08	$85.89
Temporary disconnect – reconnect for non-payment	$72.93	$80.22	$81.43	$89.57
Manual special meter read	$34.42	$37.86	NA	NA
Service vehicle visits				
Service vehicle visit	$478.95	$526.85	$629.55	$692.51
Wasted service vehicle visit (not JEN's fault)	$444.19	$488.61	$629.54	$692.49
Fault response (not JEN's fault)	$478.95	$526.85	$629.55	$692.51
After hours service truck by appointment	NA	NA	Quoted	Quoted

Meter installation test				
Retest of types 5 and 6 metering installations for first tier customers	$405.68	$446.25	$667.67	$734.44
Distribution services	Business Hours		After Hours	
Miscellaneous distribution services				
Temporary covering of low voltage mains and service lines	Quoted	Quoted	Quoted	Quoted
Elective undergrounding where an existing overhead service exists	Quoted	Quoted	Quoted	Quoted
High load escorts—lifting of overhead lines	Quoted	Quoted	Quoted	Quoted
Restoration of overhead service cables pulled down by transport vehicles transporting high loads	Quoted	Quoted	Quoted	Quoted
Supply abolishment greater than 100 amps	Quoted	Quoted	Quoted	Quoted
Rearrangement of network assets at customer request, excluding alteration and relocation of existing public lighting services	Quoted	Quoted	Quoted	Quoted
Reserve feeder				
Reserve feeder - $/kW per annum	$16.48	$18.13	NA	NA
Meter data services				
Type 7 metering (meter data service)	$0.660	$0.73	NA	NA
Metering Charges (p.a.) for customers consuming >160mwh per year	Business Hours			
3 phase direct connected meter provision	$191.56	$210.71	NA	NA
3 phase CT meter provision	$333.11	$366.42	NA	NA
Monthly read meter	$90.27	$99.30	NA	NA
Quarterly read meter	$30.08	$33.08	NA	NA
AMI Meter Charges(per annum per meter) Customers consuming <160 MWh per annum				
Single Phase Non-Off Peak per meter/pa	$79.64	$87.60	NA	NA
Single Phase Off-Peak per meter/pa*	$79.55	$87.51	NA	NA
Multi Phase Direct Connect per meter/pa	$96.60	$106.26	NA	NA
Multi Phase CT per meter/pa	$107.67	$118.44	NA	NA
Remote AMI Metering Services				
Remote meter re-configuration	$54.49	$59.94	NA	NA
Remote de-energisation	$10.42	$11.46	NA	NA
Remote re-energisation	$10.42	$11.46	NA	NA
Remote Special Meter Read	$0.00	$0.00	NA	NA
AMI Metering Exit Fees				
Single Phase	$535.31	$588.84	NA	NA
Single Phase, Two element	$537.65	$591.41	NA	NA
Three Phase Direct Connect	$565.10	$621.60	NA	NA
Three Phase CT	$566.17	$622.79	NA	NA

Jemena Electricity Networks (Vic) Ltd (JEN)

Public Lighting OMR (operation, maintenance & repair) charges per annum (effective from 1 January 2020)

Light Type	OMR charge (excluding GST)	OMR charge (including GST)
Mercury Vapour 80 watt	$55.40	$60.94
Sodium High Pressure 150 watt	$102.07	$112.28
Sodium High Pressure 250 watt	$103.31	$113.64
55W Ind	$69.25	$76.18
Fluorescent 20 watt	$69.25	$76.18
Fluorescent 40 watt	$69.25	$76.18
Fluorescent 80 watt	$69.25	$76.18
Mercury Vapour 50 watt	$69.25	$76.18
Mercury Vapour 125 watt	$81.44	$89.59
Mercury Vapour 250 watt	$99.18	$109.10
Mercury Vapour 400 watt	$111.57	$122.73
Sodium High Pressure 50 watt	$127.59	$140.35
Sodium Low Pressure 90 watt	$108.19	$119.01
Sodium High Pressure 100 watt	$139.84	$153.82
Sodium High Pressure 400 watt	$137.40	$151.14
Metal Halide 70 watt	$142.39	$156.63
Metal Halide 150 watt	$226.59	$249.25
Metal Halide 250 watt	$222.12	$244.33
Incandescent 100 watt	$86.43	$95.07
Incandescent 150 watt	$108.04	$118.84
Sodium High Pressure 250 watt (24 hrs)	$161.16	$177.28
Metal Halide 100 watt	$226.59	$249.25

Energy Efficient Lights	OMR charge (excluding GST)	OMR charge (including GST)
T5 (2x14W)	$38.35	$42.19
T5 (2x24W)	$43.20	$47.52
18W LED (including other Cat. P LEDs)	$25.13	$27.65
Compact Fluoro 32W	$33.08	$36.39
Compact Fluoro 42W	$37.31	$41.04