



# Jemena Electricity Networks (Vic) Ltd

## JEN HY2021 Final Pricing Proposal



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JEN HY2021 Final 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
HY2021	1 January 2021 to 30 June 2021
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

Jemena Electricity Networks Ltd (Vic) (**JEN**) must submit a pricing proposal for the six-month period (**HY2021**) from 1 January 2021 to 30 June 2021 in accordance with the timetable set by the Australia Energy Regulator (**AER**).<sup>1</sup> The process for the HY2021 pricing has been altered from the National Electricity Rules (**NER or the Rules**) process within a regulatory control period due to unforeseen delays in the passage of relevant Victorian legislation. This submission is made in accordance with this requirement.

## 1.2 JEN's pricing

JEN has established efficient tariffs reflecting the drivers of its different customer classes. JEN does not have an applicable Tariff Structures Statement HY2021, but has maintained our tariff classes and the tariff structures within our 2016-2020 Tariff Structure Statement (**TSS**)<sup>2</sup>. This is consistent with the intent of the Rules and the legislative requirements that see HY2021 being an extension of the 2016-20 regulatory period.<sup>3</sup>

This HY2021 pricing proposal applies those previously approved tariff structures to 1 Jan 2021 – 30 Jun 21 tariffs and establishes tariff levels (prices) that meet the network pricing objective<sup>4</sup> and pricing principles.<sup>5</sup> Prices that are described as dollars per annum will be applied on a pro-rata basis for the 6-month period.

## 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. 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 network tariffs from 1 Jan 2021.
- Appendix B – Proposed alternative control services and public lighting charges from 1 Jan 2021.
- Attachment 1 – JEN Tariff approval model<sup>6</sup>.
- Attachment 2 - JEN's proposed tariff schedule from 1 Jan 2021.

### 1.3.1 Rule compliance

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

<sup>1</sup> <https://www.aer.gov.au/networks-pipelines/determinations-access-arrangements/jemena-determination-2021-26/updates>

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

<sup>3</sup> NER, cl 6.18.1A, and <https://www.legislation.vic.gov.au/bills/national-energy-legislation-amendment-bill-2020>.

<sup>4</sup> NER, cl 6.18.5(a).

<sup>5</sup> NER, cl 6.18.5(e)-(j).

<sup>6</sup> This includes the models for meter exit fees, public lighting, fee-based and quoted services labour rates.

**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;	N/A see comment in 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 Distribution Network Service Provider's efficient costs of providing those services to the retail customer	Chapter 3
	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:	Chapter 3



Topic	Relevant rules	Submission reference
	<p>(1) an upper bound representing the stand alone cost of serving the customers who belong to that class; and</p> <p>(2) a lower bound representing the avoidable cost of not serving those customers.</p>	
	<p>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:</p> <p>(1) the costs and benefits associated with calculating, implementing and applying that method as proposed;</p> <p>(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</p> <p>(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.</p>	Chapter 3
	<p>6.18.5 (g) of the NER requires the revenue expected to be recovered from each tariff must:</p> <p>(1) reflect the Distribution Network Service Provider's total efficient costs of serving the retail customers that are assigned to that tariff;</p> <p>(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</p> <p>(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).</p>	Chapter 3
	<p>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:</p> <p>(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);</p> <p>(2) the extent to which retail customers can choose the tariff to which they are assigned; and</p> <p>(3) the extent to which retail customers are able to mitigate the impact of changes in tariffs through their usage decisions.</p>	Chapter 3
	<p>6.18.5(j) of the NER requires tariffs to comply with the Rules and all applicable regulatory instruments.</p>	Chapter 4
Side constraint	<p>The AER's communication on the HY2021 price control formula requires a side constraint to apply to each tariff class related to the provision of standard control services.</p> <p>The expected weighted average revenue to be raised from a tariff class for a regulatory year must not exceed the corresponding expected weighted</p>	Attachment 1

Topic	Relevant rules	Submission reference
	<p>average revenue for the preceding regulatory year by more than the permissible percentage provided in the following formula</p> $\frac{\left(\sum_{i=1}^n \sum_{j=1}^m d_t^{ij} q_t^{ij}\right)}{\left(\sum_{i=1}^n \sum_{j=1}^m d_{t-1}^{ij} q_t^{ij}\right)} \leq (1 + \Delta CPI_t) \times (1 + 2\%)$	
	<p>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:</p> <ol style="list-style-type: none"> <li>(1) the recovery of revenue to accommodate a variation to the distribution determination under rule 6.6 or 6.13;</li> <li>(2) the recovery of revenue to accommodate pass through of designated pricing proposal charges to customers;</li> <li>(3) the recovery of revenue to accommodate pass through of jurisdictional scheme amounts for approved jurisdictional schemes;</li> <li>(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).</li> </ol>	Attachment 1
Designated Pricing Proposal Charges (includes recovery for transmission charges, inter DB charges and avoided transmission payments)	<p>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.</p>	Attachments 1 and 2
	<p>6.18.7(b) of the NER determines that the amount to be passed on to customers for a particular <i>regulatory year</i> must not exceed the estimated amount of the <i>designated pricing proposal charges</i> adjusted for over or under recovery in accordance with paragraph (c).</p>	Attachment 1
	<p>6.18.7(c) of the NER requires the over and under recovery amount to be calculated in a way that:</p> <ol style="list-style-type: none"> <li>(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;</li> <li>(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.</li> <li>(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</li> </ol>	N/A - Attachment 1 demonstrates no unders or overs have been incorporated
Jurisdictional scheme	<p>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.</p>	Attachments 1 and 2
	<p>(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).</p>	Attachment 1



### 1.3.2 Submission values and terminology

This submission employs the following standards:

- All cost estimates and revenues are expressed in \$2021 unless otherwise stated.
- All prices are expressed in \$2021.
- 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 HY2021, which are those outlined in our 2016-20 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 2016-20 TSS. JEN also proposed the same tariff classes for our proposed 2021-26 TSS. Table 2-1 sets out JEN's HY2021 DUOS tariff classes and the tariffs<sup>7</sup> that are categorised within each of these.

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

Tariff class	Relevant tariffs <sup>8</sup>	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 <sup>9</sup>	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.
Large business - low voltage	A300 / F300 / T300 LV 0.4 - 0.8 GWh A30E LV <sub>EN</sub> Annual Consumption 0.8 GWh A320 LV 0.8+ - 2.2 GWh A32E LV <sub>EN</sub> 0.8+ - 2.2 GWh A340 LV 2.2+ - 6.0 GWh A34E LV <sub>EN</sub> 2.2+ GWh A34M LV <sub>MS</sub> 2.2+ - 6.0 GWh A370 LV 6.0+ GWh A37M LV <sub>MS</sub> 6.0+ GWh	Only available to embedded network customers OR non-embedded network customers: with annual consumption $\geq$ 0.4 GWh <u>or</u> maximum demand $\geq$ 120 kVA
Large business - high voltage	A400 HV A40E HV <sub>EN</sub> A40R HV <sub>RF</sub> A480 HV - Annual Consumption $\geq$ 55 GWh	Only available to customers taking High Voltage supply (nominal voltage $\geq$ 1000 volts AND $\leq$ 22,000 volts)

<sup>7</sup> Note that for our proposed 2021-26 TSS, there are some changes to the tariffs within each tariff class.

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

<sup>9</sup> Small business includes medium business.

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

### 2.1.1 Setting efficient tariff classes

JEN's 2016-20 TSS sets out how we established the above tariff classes and demonstrated these were efficient.<sup>10</sup> Our HY2021 prices apply to the tariff structures and tariff classes shown in Table 2-1.

## 2.2 User requested services

JEN retains its existing alternative control services tariff class as set out in our 2016-20 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 <i>Routine new connections where JEN is the responsible person for metering customers &lt; 100 amps</i> Connection – single phase service connection to new premises Connection – three phase service connection to new premises with direct connected metering <i>Routine new connections where JEN is not the responsible person for metering customers &lt; 100 amps</i> 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.

<sup>10</sup> 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) <sup>11</sup> .
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.

<sup>11</sup> 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 2016-20 TSS outlines JEN's approach to estimating stand alone and avoidable costs for standard control services (**SCS**).

Table 3-1 presents the standalone cost estimates adjusted to be on a six-month basis and HY2021 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. As HY2021 is an extension to the 2016-20 period, we have used the estimates from our 2016-20 TSS divided by two to compare to the half year revenues.

**Table 3-1: Standalone costs (SCS) compared to expected revenue (\$)<sup>12</sup>**

Tariff class	Stand alone estimate	Expected revenue (\$,2021)
Residential	148,526,624	54,834,499
Small business	84,674,885	24,678,469
Large business - low voltage	39,273,952	28,931,821
Large business - high voltage	23,143,803	8,220,248
Large business - sub-transmission	1,756,651	981,216

Table 3-2 presents the avoidable costs and HY2021 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. As HY2021 is an extension to the 2016-20 period, we have used the estimates from our 2016-20 TSS divided by two to compare to the half year revenues.

<sup>12</sup> Costs are annualised stand alone.

Table 3-2: Avoidable costs (SCS) compared to expected revenue (\$) <sup>13</sup>

Tariff class	Avoidable estimate	Expected revenue (\$,2021)
Residential	9,929,082	54,834,499
Small business	3,077,210	24,678,469
Large business - low voltage	1,593,288	28,931,821
Large business - high voltage	663,245	8,220,248
Large business – sub-transmission	20,900	981,216

Our (SCS) are priced at cost as these services are incremental to the distribution business. The costing approach was set out by the AER in its December 2019 and January 2020 communications.<sup>14</sup>

## 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 2016-20 TSS. We have escalated the LRMC values stated in the TSS to present them in \$2021.

Table 3–2: JEN long run marginal cost estimates

Tariff class	Unit	LRMC
Residential	\$/kW	59.822
Small business	\$/kW	57.980
Large business - low voltage	\$/kVA	57.548
Large business - high voltage	\$/kVA	29.468
Large business – sub-transmission	\$/kVA	32.628

### 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 included a demand tariff component to the extent allowed by the Rules and Legislation.<sup>15</sup> This 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. We have continued to apply this approach for HY2021. 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 HY2021 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.

<sup>13</sup> Costs are annualised avoidable costs.

<sup>14</sup> Emails from the AER to [JemenaEDPR2021@jemena.com.au](mailto:JemenaEDPR2021@jemena.com.au), 2 December 2019, 5:16pm and from AER to Jemena staff on 19 December 2019, 11:45am and on 15 January 2020 at 5:06pm.

<sup>15</sup> 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 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 HY2021 tariff levels.

#### 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. We have based our forecasts on those provided by ACIL Allen for our 2021-26 Plan, which incorporates a view on COVID-19 impacts into that forecast. 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.<sup>16</sup>
- **Consumption quantities:** For usage consumption forecasts, we used the most recently available actual consumption for each tariff and applied forecasted growth rates consistent with those provided for our 2021-26 Plan. Consumption forecasts for demand capacity were carried out by calculating a consumption per customer for each market segment consistent with the forecast used for our 2021-26 Plan, and then multiplying by the forecasted customer numbers calculated above.

We have set our demand charge component of the residential 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.<sup>17</sup> Recognising customer impacts, this is capped at a 15% nominal increase to any fixed charge when compared to 2020 levels. We have also been cognisant of the impact of fixed charges on smaller customers. We undertook analysis to ensure that the average small customer (consuming 1,249kWh per annum) would still receive a network bill decrease with our proposed movement in fixed charges.

#### 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 HY2021 tariffs on any customer is driven by the AER allowance for HY2021, which provides an average DUoS price decrease of -8.54%.

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), which we began adjusting in 2020 tariffs. We consider that we can continue to 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.

<sup>16</sup> JEN engaged Acil Allen for our demand forecasts that support our 2021-26 Plan.

<sup>17</sup> In addition, JEN has calculated lower LRMC values within our 2021-26 proposed TSS, indicating higher residual revenues within that period. Our approach is therefore consistent with expected future movements of LRMC.

## 4. Pricing proposal elements

### 4.1 Price variation elements

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

The single factor that influences the SCS prices for HY2021 is the approved revenue of \$117,654,758 as provided by the AER with the HY2021 pricing model templates. This compares to \$275,574,738 for the full 2020 year (which includes adjustments for pass throughs and unders and overs).

All other elements will be trued up in future pricing proposals and are considered as zero for HY2021. This includes:

- service target performance incentive scheme (S-Factor),
- annual adjustment f-factor scheme amount (I term),
- carryover amount from the application of the Demand Management Incentive Scheme (T term), and
- under or over recovery of actual revenue collected through DUoS charges in prior years + recovery of license fee charges (B term).

### 4.2 Comparison of 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.

There were no indicative prices for HY2021.

### 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. This does not apply to HY2021 as HY2021 is the final year in the relevant regulatory period and there are no remaining years to report against .

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

### 5.1 Tariff variation for pass throughs

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#### 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*

There are no pass through events from previous periods included within HY2021.

#### 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 following pass through events were applicable in the 2016-20 period and, through the extension, we consider are also applicable to JEN for HY2021:<sup>18</sup>

- 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

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#### 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*

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<sup>18</sup> 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. There is no adjustment for unders or overs in HY2021 and the estimated TUoS revenue is equivalent to the forecast of transmission use of system costs.

As shown in Table 5–1, the expected TUOS revenue increase from 2020 to HY2021 is 7.4% in six month equivalence terms.

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

	Half of 2020	HY2021
Grid Fee Forecast	\$33.35	\$36.5
Under recovery from previous year	\$0.6	\$0.0
Actual/allowed revenue current year (grid fees plus under recovery)	\$34.0	\$36.5
Estimated revenue collected	\$34.0	\$36.5
		<b>7.4%</b>

## 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, with TFIT customers no longer receiving payments.

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 November 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 jurisdictional scheme costs.

## 5.4 Summary of HY2021 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 2020 to HY2021. 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<sup>19</sup>**

Tariff Class	DUOS % price movement	PUOS % price movement	Proposed NUOS % price movement
Residential	-13.1%	48.3%	-8.5%
Small Business	-15.1%	23.3%	-9.2%
Large Business - low voltage	-13.4%	0.1%	-8.9%
Large Business - high voltage	-13.0%	0.1%	-7.3%
Large Business - sub-transmission	-12.7%	0.1%	-3.9%

Our proposed NUOS percentage price movement reflects our preference to adjust TUOS recovery allocations between tariff classes by weighting more towards residential and small business than we have historically. Our aim is to reduce the volatile impact TUOS has on customer’s bills and improve cost-reflectivity of TUOS signals. This approach was initiated in our 2020 tariffs.

The HY2021 residential PUOS increase of 48.3 per cent shown in Table 5–2 is partly due to the TUOS increases and partly due to moving residential TUOS allocation from 13 per cent to 19 per cent of total TUOS. For a typical residential customer, this amounts to a \$7.50 increase for HY2021<sup>20</sup>. This PUOS increase for residential customers is outweighed by the DUOS and AMI decreases, which in net result is a \$50 (annual-equivalent) network bill decrease for the HY2021 period for a typical residential customer.

<sup>19</sup> 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.

<sup>20</sup> On an annualised basis this is a TUOS movement from \$25 to \$40 per annum.

# Appendix A

## Proposed network tariffs from 1 Jan 2021



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## A1. Proposed network tariffs from 1 Jan 21

### Jemena Electricity Networks (VIC) Ltd - Network Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>Residential</b>			
Only available to residential customers			
<b>A100 / F100<sup>a</sup> / T100<sup>b</sup></b>	<b>General Purpose</b>		
	<i>Single rate all times</i>		
	- Standing charge	\$/customer pa*	\$69.030
	- Unit rate	¢/kWh	7.414
<b>A10X / F10X<sup>a</sup> / T10X<sup>b</sup></b>	<b>Flexible</b>		
	Available to customers with a remotely read AMI meter		
	<b>Summer period:</b> is the daylight savings period; <b>Non-summer period:</b> All other times		
	<i>Peak Summer/Non-summer: 3 PM to 9 PM local time weekdays</i>		
	<i>Shoulder Summer/Non-summer: 7 AM to 3 PM and 9 PM to 10 PM local time weekdays</i> <i>and 7 AM to 10 PM local time weekends</i>		
	<i>Off peak Summer/Non-summer: 10 PM to 7 AM local time all days</i>		
	- Standing charge	\$/customer pa*	\$69.030
	<b>Summer rates</b>		
	- Peak Unit rate	¢/kWh	12.642
	- Shoulder Unit rate	¢/kWh	8.587
	- Off Peak Unit rate	¢/kWh	3.836
	<b>Non-summer rates</b>		
	- Peak Unit rate	¢/kWh	12.642
	- Shoulder Unit rate	¢/kWh	8.587
	- Off Peak Unit rate	¢/kWh	3.836
<b>A10D / F10D<sup>a</sup> / T10D<sup>b</sup></b>	<b>General Purpose - Demand</b>		
	Available to customers with a remotely read AMI meter		
	<i>Energy consumption - single rate all times</i>		
	<i>Demand charging window 3pm - 9pm work days; reset monthly</i>		
	- Standing charge	\$/customer pa*	\$69.030
	- Unit rate	¢/kWh	2.925
	- Demand rate	\$/kW pa*	\$60.031
<b>A10I / F10I<sup>a</sup> / T10I<sup>b</sup></b>	<b>Time of Use Interval Meter (closed to new entrants)<sup>c</sup></b>		
	Available to customers with an interval meter		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri"; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$69.030
	- Peak Unit rate	¢/kWh	12.708
	- Off Peak Unit rate	¢/kWh	2.463

## Jemena Electricity Networks (VIC) Ltd - Network Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A140</b>	<b>Time of Use</b> (closed to new entrants)		
	This tariff is not available to existing customers that install an interval meter		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$99.643
	- Peak Unit rate	¢/kWh	12.012
	- Off Peak Unit rate	¢/kWh	2.600
<b>A180</b>	<b>Off Peak Heating Only</b> (dedicated circuit)		
	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 <sup>d</sup>		
	<i>11 PM to 7 AM AEST all days</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Off Peak Unit rate	¢/kWh	2.916
<b>Small Business</b>			
	Available to customers (embedded or non- embedded) with annual consumption < 0.4 GWh AND maximum demand < 120 kVA		
<b>A200 / F200<sup>a</sup> / T200<sup>b</sup></b>	<b>General Purpose</b>		
	Only available to customers consuming < 40 MWh pa		
	<i>Single rate all times</i>		
	- Standing charge	\$/customer pa*	\$118.741
	- Unit rate	¢/kWh	9.326
<b>A20D / F20D<sup>a</sup> / T20D<sup>b</sup></b>	<b>General Purpose - Demand</b>		
	Only available to customers with meter capable of measuring demand AND consuming < 40 MWh pa		
	<i>Single rate all times</i>		
	<i>Demand charging window 10am - 8pm work days</i>		
	- Standing charge	\$/customer pa*	\$118.741
	- Unit rate	¢/kWh	7.711
	- Demand rate	\$/kW pa*	\$58.183
<b>A210 / F210<sup>a</sup> / T210<sup>b</sup></b>	<b>Time of Use Weekdays</b>		
	Only available to customers with two rate accumulation meter (or Interval meter) AND consuming < 40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$208.681
	- Peak Unit rate	¢/kWh	11.986
	- Off Peak Unit rate	¢/kWh	2.468

## Jemena Electricity Networks (VIC) Ltd - Network Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A230 / F230<sup>a</sup> / T230<sup>b</sup></b>	<b>Time of Use Weekdays - Demand</b>		
	Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$516.933
	- Peak Unit rate	¢/kWh	7.083
	- Off Peak Unit rate	¢/kWh	2.448
	- Demand rate	\$/kW pa*	\$58.934
<b>A23N / F23N<sup>a</sup> / T23N<sup>b</sup></b>	<b>Time of Use - Opt-out</b>		
	Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa & < 160 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$388.347
	- Peak Unit rate	¢/kWh	12.871
	- Off Peak Unit rate	¢/kWh	2.613
	- Demand rate	\$/kW pa*	\$0.000
<b>A250 / F250<sup>a</sup> / T250<sup>b</sup></b>	<b>Time of Use Extended (closed to new entrants)</b>		
	Only available to customers with a two rate accumulation meter (or interval meter) AND consuming < 40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$208.681
	- Peak Unit rate	¢/kWh	11.447
	- Off Peak Unit rate	¢/kWh	2.789
<b>A270 / F270<sup>a</sup> / T270<sup>b</sup></b>	<b>Time of Use Extended - Demand (closed to new entrants)</b>		
	Only available to customers with a meter capable of measuring demand AND consuming >40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$516.933
	- Peak Unit rate	¢/kWh	7.037
	- Off Peak Unit rate	¢/kWh	2.727
	- Demand rate	\$/kW pa*	\$58.932
	Minimum Chargeable Demand	60 kW	
<b>A290</b>	<b>Unmetered Supply</b>		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Peak Unit rate	¢/kWh	10.425
	- Off Peak Unit rate	¢/kWh	2.692

## Jemena Electricity Networks (VIC) Ltd - Network Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - LV

#### Low Voltage Tariffs (nominal voltage < 1000 Volts)

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

#### **A300 / F300<sup>a</sup> / T300<sup>b</sup> LV 0.4 - 0.8 GWh**

Only available to non-embedded network customers consuming  $\leq$  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	4.276
- Off Peak Unit rate	¢/kWh	1.519
- Demand rate	\$/kVA pa*	\$94.832
Minimum Chargeable Demand	120 kVA	

#### **A30E LV<sub>EN</sub> Annual Consumption $\leq$ 0.8 GWh**

Only available to embedded network customers consuming  $\leq$  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	4.276
- Off Peak Unit rate	¢/kWh	1.519
- Demand rate	\$/kVA pa*	\$107.313
Minimum Chargeable Demand	120 kVA	

#### **A320 LV 0.8<sup>+</sup> - 2.2 GWh**

Only available to non-embedded network customers consuming > 0.8 GWh pa BUT  $\leq$  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	3.973
- Off Peak Unit rate	¢/kWh	1.519
- Demand rate	\$/kVA pa*	\$88.800
Minimum Chargeable Demand	250 kVA	

#### **A32E LV<sub>EN</sub> 0.8<sup>+</sup> - 2.2 GWh**

Only available to embedded network customers consuming > 0.8 GWh pa BUT  $\leq$  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	3.973
- Off Peak Unit rate	¢/kWh	1.519
- Demand rate	\$/kVA pa*	\$98.161
Minimum Chargeable Demand	250 kVA	

## Jemena Electricity Networks (VIC) Ltd - Network Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A340</b>	<b>LV 2.2<sup>+</sup> - 6.0 GWh</b>		
	Only available to non-embedded network customers consuming > 2.2 GWh pa BUT ≤ 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$7,956.973
	- Peak Unit rate	¢/kWh	3.972
	- Off Peak Unit rate	¢/kWh	1.448
	- Demand rate	\$/kVA pa*	\$87.944
	Minimum Chargeable Demand	250 kVA	
<b>A34E</b>	<b>LV<sub>EN</sub> 2.2<sup>+</sup> GWh</b>		
	Only available to embedded network customers consuming > 2.2 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$7,956.973
	- Peak Unit rate	¢/kWh	3.972
	- Off Peak Unit rate	¢/kWh	1.448
	- Demand rate	\$/kVA pa*	\$94.575
	Minimum Chargeable Demand	250 kVA	
<b>A34M</b>	<b>LV<sub>MS</sub> 2.2<sup>+</sup> - 6.0 GWh (closed to new entrants)<sup>o</sup></b>		
	Only available to non-embedded network customer taking supply from multiple NLMs on a single site AND the aggregated annual consumption from those NLMs is > 2.2 GWh pa BUT ≤ 6.0 GWh pa		
	- Standing charge	\$/customer pa*	\$5,688.548
	- Peak Unit rate	¢/kWh	4.193
	- Off Peak Unit rate	¢/kWh	1.441
	- Demand rate	\$/kVA pa*	\$61.365
	Minimum Chargeable Demand	250 kVA	
<b>A370</b>	<b>LV 6.0<sup>+</sup> GWh</b>		
	Only available to non-embedded network customers consuming > 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$12,519.688
	- Peak Unit rate	¢/kWh	3.562
	- Off Peak Unit rate	¢/kWh	1.407
	- Demand rate	\$/kVA pa*	\$84.793
	Minimum Chargeable Demand	450 kVA	
<b>A37M</b>	<b>LV<sub>MS</sub> 6.0<sup>+</sup> GWh (closed to new entrants)<sup>o</sup></b>		
	Only available to non-embedded network customer taking supply from multiple NLMs on a single site AND the aggregated annual consumption from those NLMs is > 6.0 GWh		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$9,553.091
	- Peak Unit rate	¢/kWh	3.697
	- Off Peak Unit rate	¢/kWh	1.407
	- Demand rate	\$/kVA pa*	\$61.513
	Minimum Chargeable Demand	450 kVA	



## Jemena Electricity Networks (VIC) Ltd - Network Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - HV

#### High Voltage Tariffs (nominal voltage $\geq$ 1000 Volts AND $\leq$ 22,000 Volts)

<b>A400</b>	<b>HV</b>
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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	3.597
- Off Peak Unit rate	¢/kWh	1.022
- Demand rate	\$/kVA pa*	\$71.747
Minimum Chargeable Demand	1,000 kVA	

<b>A40E</b>	<b>HV<sub>EN</sub></b>
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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	3.597
- Off Peak Unit rate	¢/kWh	1.022
- Demand rate	\$/kVA pa*	\$73.743
Minimum Chargeable Demand	1,000 kVA	

<b>A40R</b>	<b>HV<sub>RF</sub> (closed to new entrants)<sup>o</sup></b>
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*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	3.584
- Off Peak Unit rate	¢/kWh	1.022
- Demand rate	\$/kVA pa*	\$70.294
Minimum Chargeable Demand	1,000 kVA	

<b>A480</b>	<b>HV - Annual Consumption <math>\geq</math> 55 GWh</b>
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Only available to non-embedded customers consuming  $\geq$  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	3.339
- Off Peak Unit rate	¢/kWh	0.961
- Demand rate	\$/kVA pa*	\$67.798
Minimum Chargeable Demand	10,000 kVA	

## Jemena Electricity Networks (VIC) Ltd - Network Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>Large Business - Subtransmission</b>			
<b>Subtransmission Tariffs (nominal voltage &gt; 22,000 Volts)</b>			
<b>A500</b>	<b>Subtransmission</b>		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$56,410.623
	- Peak Unit rate	¢/kWh	2.477
	- Off Peak Unit rate	¢/kWh	0.633
	- Demand rate	\$/kVA pa*	\$22.831
	Minimum Chargeable Demand	15,000 kVA	
<b>A50A</b>	<b>Subtransmission MA</b>		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$56,410.623
	- Peak Unit rate	¢/kWh	2.477
	- Off Peak Unit rate	¢/kWh	0.633
	- Demand rate	\$/kVA pa*	\$22.930
	Minimum Chargeable Demand	15,000 kVA	
<b>A50E</b>	<b>Subtransmission EG</b>		
	Available to Embedded Generators connected to TTS-SSS-ST-EPG-TTS Loop.		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$36,575.599
	- Peak Unit rate	¢/kWh	2.510
	- Off Peak Unit rate	¢/kWh	0.631
	- Demand rate	\$/kVA pa*	\$8.095
	Minimum Chargeable Demand	15,000 kVA	

\* All prices that are listed as per annum will be pro-rated for the 6 month period.

<sup>a</sup> A tariff code starting with the letter "F" indicates that the tariff attracts the Premium Feed-In--Tariff rebate. Tariff reassignment requests to a tariff starting with the letter "F" can only be made by the customer's retailer.

<sup>b</sup> 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 until they / retailers choose to move to another tariff, however, no Transitional Feed-In-Tariff rebate will be paid.

<sup>c</sup> This tariff is closed to new entrants except for solar customers with a dedicated off peak heating circuit controlled by Jemena.

<sup>d</sup> 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.

<sup>e</sup> 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 Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>Residential</b>			
Only available to residential customers			
<b>A100 / F100<sup>a</sup> / T100<sup>b</sup></b>	<b>General Purpose</b>		
	<i>Single rate all times</i>		
	- Standing charge	\$/customer pa*	\$67.458
	- Unit rate	¢/kWh	6.314
<b>A10X / F10X<sup>a</sup> / T10X<sup>b</sup></b>	<b>Flexible</b>		
	Available to customers with a remotely read AMI meter		
	<b>Summer period:</b> is the daylight savings period; <b>Non-summer period:</b> All other times		
	<i>Peak Summer/Non-summer: 3 PM to 9 PM local time weekdays</i>		
	<i>Shoulder Summer/Non-summer: 7 AM to 3 PM and 9 PM to 10 PM local time weekdays</i> <i>and 7 AM to 10 PM local time weekends</i>		
	<i>Off peak Summer/Non-summer: 10 PM to 7 AM local time all days</i>		
	- Standing charge	\$/customer pa*	\$67.458
	<b>Summer rates</b>		
	- Peak Unit rate	¢/kWh	12.063
	- Shoulder Unit rate	¢/kWh	7.487
	- Off Peak Unit rate	¢/kWh	3.640
	<b>Non-summer rates</b>		
	- Peak Unit rate	¢/kWh	12.063
	- Shoulder Unit rate	¢/kWh	7.487
	- Off Peak Unit rate	¢/kWh	3.640
<b>A10D / F10D<sup>a</sup> / T10D<sup>b</sup></b>	<b>General Purpose - Demand</b>		
	Available to customers with a remotely read AMI meter		
	<i>Energy consumption - single rate all times</i>		
	<i>Demand charging window 3pm - 9pm work days; reset monthly</i>		
	- Standing charge	\$/customer pa*	\$67.458
	- Unit rate	¢/kWh	1.825
	- Demand rate	\$/kW pa*	\$60.031
<b>A10I / F10I<sup>a</sup> / T10I<sup>b</sup></b>	<b>Time of Use Interval Meter (closed to new entrants)<sup>c</sup></b>		
	Available to customers with an interval meter		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$67.458
	- Peak Unit rate	¢/kWh	12.129
	- Off Peak Unit rate	¢/kWh	1.765

## Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A140</b>	<b>Time of Use</b> (closed to new entrants)		
	This tariff is not available to existing customers that install an interval meter		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$99.122
	- Peak Unit rate	¢/kWh	8.739
	- Off Peak Unit rate	¢/kWh	1.475
<b>A180</b>	<b>Off Peak Heating Only</b> (dedicated circuit)		
	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 <sup>d</sup>		
	<i>11 PM to 7 AM AEST all days</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Off Peak Unit rate	¢/kWh	1.627
<b>Small Business</b>			
	Available to customers (embedded or non-embedded) with annual consumption < 0.4 GWh AND maximum demand < 120 kVA		
<b>A200 / F200<sup>a</sup> / T200<sup>b</sup></b>	<b>General Purpose</b>		
	Only available to customers consuming < 40 MWh pa		
	<i>Single rate all times</i>		
	- Standing charge	\$/customer pa*	\$116.705
	- Unit rate	¢/kWh	7.639
<b>A20D / F20D<sup>a</sup> / T20D<sup>b</sup></b>	<b>General Purpose - Demand</b>		
	Only available to customers with meter capable of measuring demand		
	AND consuming < 40 MWh pa		
	<i>Single rate all times</i>		
	<i>Demand charging window 10am - 8pm work days</i>		
	- Standing charge	\$/customer pa*	\$116.705
	- Unit rate	¢/kWh	6.024
	- Demand rate	\$/kW pa*	\$58.183
<b>A210 / F210<sup>a</sup> / T210<sup>b</sup></b>	<b>Time of Use Weekdays</b>		
	Only available to customers with two rate accumulation meter (or Interval meter)		
	AND consuming < 40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$179.431
	- Peak Unit rate	¢/kWh	9.036
	- Off Peak Unit rate	¢/kWh	1.486

## Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A230 / F230<sup>a</sup> / T230<sup>b</sup> Time of Use Weekdays - Demand</b>			
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$259.761
	- Peak Unit rate	¢/kWh	5.565
	- Off Peak Unit rate	¢/kWh	1.734
	- Demand rate	\$/kW pa*	\$58.183
<b>A23N / F23N<sup>a</sup> / T23N<sup>b</sup> Time of Use - Opt-out</b>			
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa & < 160 MWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$259.761
	- Peak Unit rate	¢/kWh	9.921
	- Off Peak Unit rate	¢/kWh	1.631
	- Demand rate	\$/kW pa*	\$0.000
<b>A250 / F250<sup>a</sup> / T250<sup>b</sup> Time of Use Extended (closed to new entrants)</b>			
Only available to customers with a two rate accumulation meter (or interval meter) AND consuming < 40 MWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$179.431
	- Peak Unit rate	¢/kWh	8.787
	- Off Peak Unit rate	¢/kWh	1.768
<b>A270 / F270<sup>a</sup> / T270<sup>b</sup> Time of Use Extended - Demand (closed to new entrants)</b>			
Only available to customers with a meter capable of measuring demand AND consuming >40 MWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$259.761
	- Peak Unit rate	¢/kWh	4.640
	- Off Peak Unit rate	¢/kWh	2.029
	- Demand rate	\$/kW pa*	\$58.183
	Minimum Chargeable Demand	60 kW	
<b>A290 Unmetered Supply</b>			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Peak Unit rate	¢/kWh	8.570
	- Off Peak Unit rate	¢/kWh	1.543



# Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs

## Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - LV

#### Low Voltage Tariffs (nominal voltage < 1000 Volts)

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

#### A300 / F300<sup>a</sup> / T300<sup>b</sup> LV 0.4 - 0.8 GWh

Only available to non-embedded network customers consuming  $\leq 0.8$  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	1.191
- Off Peak Unit rate	¢/kWh	0.377
- Demand rate	\$/kVA pa*	\$93.420
Minimum Chargeable Demand	120 kVA	

#### A30E LV<sub>EN</sub> Annual Consumption $\leq 0.8$ GWh

Only available to embedded network customers consuming  $\leq 0.8$  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	1.191
- Off Peak Unit rate	¢/kWh	0.377
- Demand rate	\$/kVA pa*	\$105.401
Minimum Chargeable Demand	120 kVA	

#### A320 LV 0.8<sup>+</sup> - 2.2 GWh

Only available to non-embedded network customers consuming  $> 0.8$  GWh pa BUT  $\leq 2.2$  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	0.812
- Off Peak Unit rate	¢/kWh	0.371
- Demand rate	\$/kVA pa*	\$86.351
Minimum Chargeable Demand	250 kVA	

#### A32E LV<sub>EN</sub> 0.8<sup>+</sup> - 2.2 GWh

Only available to embedded network customers consuming  $> 0.8$  GWh pa BUT  $\leq 2.2$  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	0.812
- Off Peak Unit rate	¢/kWh	0.371
- Demand rate	\$/kVA pa*	\$94.994
Minimum Chargeable Demand	250 kVA	

## Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A340</b>	<b>LV 2.2<sup>+</sup> - 6.0 GWh</b>		
	Only available to non-embedded network customers consuming > 2.2 GWh pa BUT ≤ 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$6,619.210
	- Peak Unit rate	¢/kWh	0.743
	- Off Peak Unit rate	¢/kWh	0.301
	- Demand rate	\$/kVA pa*	\$85.419
	Minimum Chargeable Demand	250 kVA	
<b>A34E</b>	<b>LV<sub>EN</sub> 2.2<sup>+</sup> GWh</b>		
	Only available to embedded network customers consuming > 2.2 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$6,619.210
	- Peak Unit rate	¢/kWh	0.743
	- Off Peak Unit rate	¢/kWh	0.301
	- Demand rate	\$/kVA pa*	\$90.209
	Minimum Chargeable Demand	250 kVA	
<b>A34M</b>	<b>LV<sub>MS</sub> 2.2<sup>+</sup> - 6.0 GWh (closed to new entrants)<sup>e</sup></b>		
	Only available to non-embedded network customer taking supply from multiple NMLs on a single site AND the aggregated annual consumption from those NMLs is > 2.2 GWh pa BUT ≤ 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$3,901.284
	- Peak Unit rate	¢/kWh	0.736
	- Off Peak Unit rate	¢/kWh	0.301
	- Demand rate	\$/kVA pa*	\$57.990
	Minimum Chargeable Demand	250 kVA	
<b>A370</b>	<b>LV 6.0<sup>+</sup> GWh</b>		
	Only available to non-embedded network customers consuming > 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$9,072.511
	- Peak Unit rate	¢/kWh	0.723
	- Off Peak Unit rate	¢/kWh	0.268
	- Demand rate	\$/kVA pa*	\$82.036
	Minimum Chargeable Demand	450 kVA	
<b>A37M</b>	<b>LV<sub>MS</sub> 6.0<sup>+</sup> GWh (closed to new entrants)<sup>e</sup></b>		
	Only available to non-embedded network customer taking supply from multiple NMLs on a single site AND the aggregated annual consumption from those NMLs is > 6.0 GWh		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$5,268.972
	- Peak Unit rate	¢/kWh	0.723
	- Off Peak Unit rate	¢/kWh	0.268
	- Demand rate	\$/kVA pa*	\$58.088
	Minimum Chargeable Demand	450 kVA	

## Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - HV

#### High Voltage Tariffs (nominal voltage $\geq 1000$ Volts AND $\leq 22,000$ Volts)

<b>A400</b>	<b>HV</b>		
Only available to non-embedded network customers consuming < 55 GWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$6,494.215
	- Peak Unit rate	¢/kWh	0.459
	- Off Peak Unit rate	¢/kWh	0.133
	- Demand rate	\$/kVA pa*	\$68.846
	Minimum Chargeable Demand	1,000 kVA	
<b>A40E</b>	<b>HV<sub>EN</sub></b>		
Only available to embedded network customers			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$6,494.215
	- Peak Unit rate	¢/kWh	0.459
	- Off Peak Unit rate	¢/kWh	0.133
	- Demand rate	\$/kVA pa*	\$70.932
	Minimum Chargeable Demand	1,000 kVA	
<b>A40R</b>	<b>HV<sub>RF</sub> (closed to new entrants)<sup>e</sup></b>		
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$6,494.215
	- Peak Unit rate	¢/kWh	0.454
	- Off Peak Unit rate	¢/kWh	0.133
	- Demand rate	\$/kVA pa*	\$63.260
	Minimum Chargeable Demand	1,000 kVA	
<b>A480</b>	<b>HV - Annual Consumption <math>\geq 55</math> GWh</b>		
Only available to non-embedded customers consuming $\geq 55$ GWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$6,066.261
	- Peak Unit rate	¢/kWh	0.438
	- Off Peak Unit rate	¢/kWh	0.103
	- Demand rate	\$/kVA pa*	\$61.082
	Minimum Chargeable Demand	10,000 kVA	



## Jemena Electricity Networks (VIC) Ltd - Distribution Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>Large Business - Subtransmission</b>			
<b>Subtransmission Tariffs (nominal voltage &gt; 22,000 Volts)</b>			
<b>A500</b>	<b>Subtransmission</b>		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$40,563.080
	- Peak Unit rate	¢/kWh	0.076
	- Off Peak Unit rate	¢/kWh	0.022
	- Demand rate	\$/kVA pa*	\$18.593
	Minimum Chargeable Demand	15,000 kVA	
<b>A50A</b>	<b>Subtransmission MA</b>		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$40,563.080
	- Peak Unit rate	¢/kWh	0.076
	- Off Peak Unit rate	¢/kWh	0.022
	- Demand rate	\$/kVA pa*	\$18.671
	Minimum Chargeable Demand	15,000 kVA	
<b>A50E</b>	<b>Subtransmission EG</b>		
	Available to Embedded Generators connected to TTS-SSS-ST-EPG-TTS Loop.		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$31,516.884
	- Peak Unit rate	¢/kWh	0.073
	- Off Peak Unit rate	¢/kWh	0.011
	- Demand rate	\$/kVA pa*	\$3.202
	Minimum Chargeable Demand	15,000 kVA	

\* All prices that are listed as per annum will be pro-rated for the 6 month period.

<sup>a</sup> A tariff code starting with the letter "F" indicates that the tariff attracts the Premium Feed-In-Tariff rebate. Tariff reassignment requests to a tariff starting with the letter "F" can only be made by the customer's retailer.

<sup>b</sup> 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 until they/retailers choose to move to another tariff, however, no Transitional Feed-In-Tariff rebate will be paid.

<sup>c</sup> This tariff is closed to new entrants except for solar customers with a dedicated off peak heating circuit controlled by Jemena.

<sup>d</sup> 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.

<sup>e</sup> Other terms and conditions apply

The *Deemed Distribution Contract* and Jemena Electricity Networks' *Policy for Reselling 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-resel-policy.aspx>

## Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>Residential</b>			
Only available to residential customers			
<b>A100 / F100<sup>a</sup> / T100<sup>b</sup></b>	<b>General Purpose</b>		
	<i>Single rate all times</i>		
	- Standing charge	\$/customer pa*	\$1.572
	- Unit rate	¢/kWh	0.949
<b>A10X / F10X<sup>a</sup> / T10X<sup>b</sup></b>	<b>Flexible</b>		
	Available to customers with a remotely read AMI meter		
	<b>Summer period:</b> is the daylight savings period; <b>Non-summer period:</b> All other times		
	<i>Peak Summer/Non-summer: 3 PM to 9 PM local time weekdays</i>		
	<i>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</i>		
	<i>Off peak Summer/Non-summer: 10 PM to 7 AM local time all days</i>		
	- Standing charge	\$/customer pa*	\$1.572
	<b>Summer rates</b>		
	- Peak Unit rate	¢/kWh	0.428
	- Shoulder Unit rate	¢/kWh	0.949
	- Off Peak Unit rate	¢/kWh	0.051
	<b>Non-summer rates</b>		
	- Peak Unit rate	¢/kWh	0.428
	- Shoulder Unit rate	¢/kWh	0.949
	- Off Peak Unit rate	¢/kWh	0.051
<b>A10D / F10D<sup>a</sup> / T10D<sup>b</sup></b>	<b>General Purpose - Demand</b>		
	Available to customers with a remotely read AMI meter		
	<i>Energy consumption - single rate all times</i>		
	<i>Demand charging window 3pm - 9pm work days; reset monthly</i>		
	- Standing charge	\$/customer pa*	\$1.572
	- Unit rate	¢/kWh	0.949
	- Demand rate	\$/kW pa	\$0.000
<b>A10I / F10I<sup>a</sup> / T10I<sup>b</sup></b>	<b>Time of Use Interval Meter (closed to new entrants)<sup>c</sup></b>		
	Available to customers with an interval meter		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri"; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$1.572
	- Peak Unit rate	¢/kWh	0.428
	- Off Peak Unit rate	¢/kWh	0.586

## Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A140</b>	<b>Time of Use</b> (closed to new entrants)		
	This tariff is not available to existing customers that install an interval meter		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.521
	- Peak Unit rate	¢/kWh	3.122
	- Off Peak Unit rate	¢/kWh	1.013
<b>A180</b>	<b>Off Peak Heating Only</b> (dedicated circuit)		
	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 <sup>d</sup>		
	<i>11 PM to 7 AM AEST all days</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Off Peak Unit rate	¢/kWh	1.177
<b>Small Business</b>			
	Available to customers (embedded or non- embedded) with annual consumption < 0.4 GWh AND maximum demand < 120 kVA		
<b>A200 / F200<sup>a</sup> / T200<sup>b</sup></b>	<b>General Purpose</b>		
	Only available to customers consuming < 40 MWh pa		
	<i>Single rate all times</i>		
	- Standing charge	\$/customer pa*	\$2.036
	- Unit rate	¢/kWh	1.521
<b>A20D / F20D<sup>a</sup> / T20D<sup>b</sup></b>	<b>General Purpose - Demand</b>		
	Only available to customers with meter capable of measuring demand AND consuming < 40 MWh pa		
	<i>Single rate all times</i>		
	<i>Demand charging window 10am - 8pm work days</i>		
	- Standing charge	\$/customer pa*	\$2.036
	- Unit rate	¢/kWh	1.521
	- Demand rate	\$/kW pa*	\$0.000
<b>A210 / F210<sup>a</sup> / T210<sup>b</sup></b>	<b>Time of Use Weekdays</b>		
	Only available to customers with two rate accumulation meter (or Interval meter) AND consuming < 40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$29.250
	- Peak Unit rate	¢/kWh	2.784
	- Off Peak Unit rate	¢/kWh	0.870

## Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A230 / F230<sup>a</sup> / T230<sup>b</sup></b>	<b>Time of Use Weekdays - Demand</b>		
	Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$257.172
	- Peak Unit rate	¢/kWh	1.352
	- Off Peak Unit rate	¢/kWh	0.602
	- Demand rate	\$/kW pa*	\$0.751
<b>A23N / F23N<sup>a</sup> / T23N<sup>b</sup></b>	<b>Time of Use - Opt-out</b>		
	Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa & < 160 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$128.586
	- Peak Unit rate	¢/kWh	2.784
	- Off Peak Unit rate	¢/kWh	0.870
	- Demand rate	\$/kW pa*	\$0.000
<b>A250 / F250<sup>a</sup> / T250<sup>b</sup></b>	<b>Time of Use Extended (closed to new entrants)</b>		
	Only available to customers with a two rate accumulation meter (or interval meter) AND consuming < 40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$29.250
	- Peak Unit rate	¢/kWh	2.494
	- Off Peak Unit rate	¢/kWh	0.909
<b>A270 / F270<sup>a</sup> / T270<sup>b</sup></b>	<b>Time of Use Extended - Demand (closed to new entrants)</b>		
	Only available to customers with a meter capable of measuring demand AND consuming >40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$257.172
	- Peak Unit rate	¢/kWh	2.231
	- Off Peak Unit rate	¢/kWh	0.586
	- Demand rate	\$/kW pa*	\$0.749
	Minimum Chargeable Demand	60 kW	
<b>A290</b>	<b>Unmetered Supply</b>		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Peak Unit rate	¢/kWh	1.689
	- Off Peak Unit rate	¢/kWh	1.038

## Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - LV

#### Low Voltage Tariffs (nominal voltage < 1000 Volts)

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

#### A300 / F300<sup>a</sup> / T300<sup>b</sup> LV 0.4 - 0.8 GWh

Only available to non-embedded network customers consuming  $\leq 0.8$  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<sub>EN</sub> Annual Consumption $\leq 0.8$ GWh

Only available to embedded network customers consuming  $\leq 0.8$  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*	\$1.912
Minimum Chargeable Demand	120 kVA	

#### A320 LV 0.8<sup>+</sup> - 2.2 GWh

Only available to non-embedded network customers consuming  $> 0.8$  GWh pa BUT  $\leq 2.2$  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<sub>EN</sub> 0.8<sup>+</sup> - 2.2 GWh

Only available to embedded network customers consuming  $> 0.8$  GWh pa BUT  $\leq 2.2$  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*	\$3.167
Minimum Chargeable Demand	250 kVA	



## Jemena Electricity Networks (VIC) Ltd - Transmission Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A340</b>	<b>LV 2.2<sup>+</sup> - 6.0 GWh</b>		
	Only available to non-embedded network customers consuming > 2.2 GWh pa BUT ≤ 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- 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	
<b>A34E</b>	<b>LV<sub>EN</sub> 2.2<sup>+</sup> GWh</b>		
	Only available to embedded network customers consuming > 2.2 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$1,337.763
	- Peak Unit rate	¢/kWh	3.081
	- Off Peak Unit rate	¢/kWh	1.026
	- Demand rate	\$/kVA pa*	\$4.366
	Minimum Chargeable Demand	250 kVA	
<b>A34M</b>	<b>LV<sub>MS</sub> 2.2<sup>+</sup> - 6.0 GWh (closed to new entrants)<sup>o</sup></b>		
	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		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- 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	
<b>A370</b>	<b>LV 6.0<sup>+</sup> GWh</b>		
	Only available to non-embedded network customers consuming > 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- 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	
<b>A37M</b>	<b>LV<sub>MS</sub> 6.0<sup>+</sup> GWh (closed to new entrants)<sup>o</sup></b>		
	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		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- 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 Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - HV

#### High Voltage Tariffs (nominal voltage $\geq 1000$ Volts AND $\leq 22,000$ Volts)

<b>A400</b>	<b>HV</b>
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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	

<b>A40E</b>	<b>HV<sub>EN</sub></b>
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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	2.982
- Off Peak Unit rate	¢/kWh	0.757
- Demand rate	\$/kVA pa*	\$2.811
Minimum Chargeable Demand	1,000 kVA	

<b>A40R</b>	<b>HV<sub>RF</sub></b> (closed to new entrants) <sup>o</sup>
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*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	

<b>A480</b>	<b>HV - Annual Consumption <math>\geq 55</math> GWh</b>
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Only available to non-embedded customers consuming  $\geq 55$  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 Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - Subtransmission

#### Subtransmission Tariffs (nominal voltage > 22,000 Volts)

A500	Subtransmission		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- 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		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- 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		
	Available to Embedded Generators connected to TTS-SSS-ST-EPG-TTS Loop.		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- 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	

\* All prices that are listed as per annum will be pro-rated for the 6 month period.

<sup>a</sup> A tariff code starting with the letter "F" indicates that the tariff attracts the Premium Feed-In-Tariff rebate. Tariff reassignment requests to a tariff starting with the letter "F" can only be made by the customer's retailer.

<sup>b</sup> 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 until they/retailers choose to move to another tariff, however, no Transitional Feed-In-Tariff rebate will be paid.

<sup>c</sup> This tariff is closed to new entrants except for solar customers with a dedicated off peak heating circuit controlled by Jemena.

<sup>d</sup> 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.

<sup>e</sup> Other terms and conditions apply

The *Deemed Distribution Contract* and Jemena Electricity Networks' *Policy for Reselling 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/Deerred-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 Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>Residential</b>			
Only available to residential customers			
<b>A100 / F100<sup>a</sup> / T100<sup>b</sup></b>	<b>General Purpose</b>		
	<i>Single rate all times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Unit rate	¢/kWh	0.151
<b>A10X / F10X<sup>a</sup> / T10X<sup>b</sup></b>	<b>Flexible</b>		
	Available to customers with a remotely read AMI meter		
	<b>Summer period:</b> is the daylight savings period; <b>Non-summer period:</b> All other times		
	<i>Peak Summer/Non-summer: 3 PM to 9 PM local time weekdays</i>		
	<i>Shoulder Summer/Non-summer: 7 AM to 3 PM and 9 PM to 10 PM local time weekdays</i>		
	<b>and 7 AM to 10 PM local time weekends</b>		
	<i>Off peak Summer/Non-summer: 10 PM to 7 AM local time all days</i>		
	- Standing charge	\$/customer pa*	\$0.000
	<b>Summer rates</b>		
	- Peak Unit rate	¢/kWh	0.151
	- Shoulder Unit rate	¢/kWh	0.151
	- Off Peak Unit rate	¢/kWh	0.145
	<b>Non-summer rates</b>		
	- Peak Unit rate	¢/kWh	0.151
	- Shoulder Unit rate	¢/kWh	0.151
	- Off Peak Unit rate	¢/kWh	0.145
<b>A10D / F10D<sup>a</sup> / T10D<sup>b</sup></b>	<b>General Purpose - Demand</b>		
	Available to customers with a remotely read AMI meter		
	<i>Energy consumption - single rate all times</i>		
	<i>Demand charging window 3pm - 9pm work days; reset monthly</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Unit rate	¢/kWh	0.151
	- Demand rate	\$/kW pa*	\$0.000
<b>A10I / F10I<sup>a</sup> / T10I<sup>b</sup></b>	<b>Time of Use Interval Meter (closed to new entrants)<sup>c</sup></b>		
	Available to customers with an interval meter		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri"; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.151
	- Off Peak Unit rate	¢/kWh	0.112

## Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A140</b>	<b>Time of Use</b> (closed to new entrants)		
	This tariff is not available to existing customers that install an interval meter		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.151
	- Off Peak Unit rate	¢/kWh	0.112
<b>A180</b>	<b>Off Peak Heating Only</b> (dedicated circuit)		
	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 <sup>d</sup>		
	<i>11 PM to 7 AM AEST all days</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Off Peak Unit rate	¢/kWh	0.112
<b>Small Business</b>			
	Available to customers (embedded or non- embedded) with annual consumption < 0.4 GWh AND maximum demand < 120 kVA		
<b>A200 / F200<sup>a</sup> / T200<sup>b</sup></b>	<b>General Purpose</b>		
	Only available to customers consuming < 40 MWh pa		
	<i>Single rate all times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Unit rate	¢/kWh	0.166
<b>A20D / F20D<sup>a</sup> / T20D<sup>b</sup></b>	<b>General Purpose - Demand</b>		
	Only available to customers with meter capable of measuring demand AND consuming < 40 MWh pa		
	<i>Single rate all times</i>		
	<i>Demand charging window 10am - 8pm work days</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Unit rate	¢/kWh	0.166
	- Demand rate	\$/kW pa*	\$0.000
<b>A210 / F210<sup>a</sup> / T210<sup>b</sup></b>	<b>Time of Use Weekdays</b>		
	Only available to customers with two rate accumulation meter (or Interval meter) AND consuming < 40 MWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.166
	- Off Peak Unit rate	¢/kWh	0.112

## Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A230 / F230<sup>a</sup> / T230<sup>b</sup> Time of Use Weekdays - Demand</b>			
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.166
	- Off Peak Unit rate	¢/kWh	0.112
	- Demand rate	\$/kW pa*	\$0.000
<b>A23N / F23N<sup>a</sup> / T23N<sup>b</sup> Time of Use - Opt-out</b>			
Only available to customers with a meter capable of measuring demand AND consuming > 40 MWh pa & < 160 MWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.166
	- Off Peak Unit rate	¢/kWh	0.112
	- Demand rate	\$/kW pa*	\$0.000
<b>A250 / F250<sup>a</sup> / T250<sup>b</sup> Time of Use Extended (closed to new entrants)</b>			
Only available to customers with a two rate accumulation meter (or interval meter) AND consuming < 40 MWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.166
	- Off Peak Unit rate	¢/kWh	0.112
<b>A270 / F270<sup>a</sup> / T270<sup>b</sup> Time of Use Extended - Demand (closed to new entrants)</b>			
Only available to customers with a meter capable of measuring demand AND consuming >40 MWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Sun" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.166
	- Off Peak Unit rate	¢/kWh	0.112
	- Demand rate	\$/kW pa*	\$0.000
	Minimum Chargeable Demand	60 kW	
<b>A290 Unmetered Supply</b>			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Peak Unit rate	¢/kWh	0.166
	- Off Peak Unit rate	¢/kWh	0.111

## Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - LV

#### Low Voltage Tariffs (nominal voltage < 1000 Volts)

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

#### A300 / F300<sup>a</sup> / T300<sup>b</sup> LV 0.4 - 0.8 GWh

Only available to non-embedded network customers consuming  $\leq 0.8$  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	0.148
- Off Peak Unit rate	¢/kWh	0.121
- Demand rate	\$/kVA pa*	\$0.000
Minimum Chargeable Demand	120 kVA	

#### A30E LV<sub>EN</sub> Annual Consumption $\leq 0.8$ GWh

Only available to embedded network customers consuming  $\leq 0.8$  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	0.148
- Off Peak Unit rate	¢/kWh	0.121
- Demand rate	\$/kVA pa*	\$0.000
Minimum Chargeable Demand	120 kVA	

#### A320 LV 0.8<sup>+</sup> - 2.2 GWh

Only available to non-embedded network customers consuming  $> 0.8$  GWh pa BUT  $\leq 2.2$  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	0.148
- Off Peak Unit rate	¢/kWh	0.121
- Demand rate	\$/kVA pa*	\$0.000
Minimum Chargeable Demand	250 kVA	

#### A32E LV<sub>EN</sub> 0.8<sup>+</sup> - 2.2 GWh

Only available to embedded network customers consuming  $> 0.8$  GWh pa BUT  $\leq 2.2$  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	0.148
- Off Peak Unit rate	¢/kWh	0.121
- Demand rate	\$/kVA pa*	\$0.000
Minimum Chargeable Demand	250 kVA	

## Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>A340</b>	<b>LV 2.2<sup>+</sup> - 6.0 GWh</b>		
	Only available to non-embedded network customers consuming > 2.2 GWh pa BUT ≤ 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.148
	- Off Peak Unit rate	¢/kWh	0.121
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	250 kVA	
<b>A34E</b>	<b>LV<sub>EN</sub> 2.2<sup>+</sup> GWh</b>		
	Only available to embedded network customers consuming > 2.2 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.148
	- Off Peak Unit rate	¢/kWh	0.121
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	250 kVA	
<b>A34M</b>	<b>LV<sub>MS</sub> 2.2<sup>+</sup> - 6.0 GWh (closed to new entrants)<sup>e</sup></b>		
	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		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.148
	- Off Peak Unit rate	¢/kWh	0.121
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	250 kVA	
<b>A370</b>	<b>LV 6.0<sup>+</sup> GWh</b>		
	Only available to non-embedded network customers consuming > 6.0 GWh pa		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.148
	- Off Peak Unit rate	¢/kWh	0.121
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	450 kVA	
<b>A37M</b>	<b>LV<sub>MS</sub> 6.0<sup>+</sup> GWh (closed to new entrants)<sup>e</sup></b>		
	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		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.148
	- Off Peak Unit rate	¢/kWh	0.121
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	450 kVA	

## Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
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### Large Business - HV

High Voltage Tariffs (nominal voltage  $\geq$  1000 Volts AND  $<$  22,000 Volts)

<b>A400</b>	<b>HV</b>		
Only available to non-embedded network customers consuming $<$ 55 GWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.156
	- Off Peak Unit rate	¢/kWh	0.132
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	1,000 kVA	
<b>A40E</b>	<b>HV<sub>EN</sub></b>		
Only available to embedded network customers			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.156
	- Off Peak Unit rate	¢/kWh	0.132
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	1,000 kVA	
<b>A40R</b>	<b>HV<sub>RF</sub></b> (closed to new entrants) <sup>o</sup>		
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.156
	- Off Peak Unit rate	¢/kWh	0.132
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	1,000 kVA	
<b>A480</b>	<b>HV - Annual Consumption <math>\geq</math> 55 GWh</b>		
Only available to non-embedded customers consuming $\geq$ 55 GWh pa			
<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>			
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.156
	- Off Peak Unit rate	¢/kWh	0.132
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	10,000 kVA	



## Jemena Electricity Networks (VIC) Ltd - Jurisdictional Scheme Tariffs Effective 1 January 2021 (Exclusive of GST)



Tariff Class Code	Tariff Name	Units	Rate
<b>Large Business - Subtransmission</b>			
<b>Subtransmission Tariffs (nominal voltage &gt; 22,000 Volts)</b>			
<b>A500</b>	<b>Subtransmission</b>		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.133
	- Off Peak Unit rate	¢/kWh	0.112
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	15,000 kVA	
<b>A50A</b>	<b>Subtransmission MA</b>		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.133
	- Off Peak Unit rate	¢/kWh	0.112
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	15,000 kVA	
<b>A50E</b>	<b>Subtransmission EG</b>		
	Available to Embedded Generators connected to TTS-SSS-ST-EPG-TTS Loop.		
	<i>Peak: 7 AM to 11 PM AEST "Mon - Fri" ; Off peak all other times</i>		
	- Standing charge	\$/customer pa*	\$0.000
	- Peak Unit rate	¢/kWh	0.133
	- Off Peak Unit rate	¢/kWh	0.112
	- Demand rate	\$/kVA pa*	\$0.000
	Minimum Chargeable Demand	15,000 kVA	

\* All prices that are listed as per annum will be pro-rated for the 6 month period.

<sup>a</sup> A tariff code starting with the letter "F" indicates that the tariff attracts the Premium Feed-In-Tariff rebate. Tariff reassignment requests to a tariff starting with the letter "F" can only be made by the customer's retailer.

<sup>b</sup> 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 until they / retailers choose to move to another tariff, however, no Transitional Feed-In-Tariff rebate will be paid.

<sup>c</sup> This tariff is closed to new entrants except for solar customers with a dedicated off peak heating circuit controlled by Jemena.

<sup>d</sup> 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.

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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>

# Appendix B

## Proposed alternative control services and public lighting charges



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## B1. Proposed alternative control services and public lighting charges from 1 Jan 2021

Jemena Electricity Networks (Vic) Ltd (JEN) Commonly Requested Distribution Services Schedule of charges for HY2021 (effective from 1 January 2021)					
Distribution services	Product code	Business Hours		After Hours	
		Price excluding GST	Price including GST	Price excluding GST	Price including GST
<b>Routine new connections where JEN is the responsible for metering customers &lt; 100 amps</b>					
Connection – single phase service	ND1PBH	\$629.56	\$692.52	\$629.56	\$692.52
Connection – three phase service with direct connected metering	ND3PBH	\$815.76	\$897.34	\$815.76	\$897.34
Connection – three phase service greater than 100 amps requiring current transformer (CT) metering		Quoted	Quoted	Quoted	Quoted
<b>Routine new connections where JEN is not the responsible for metering customers &lt; 100 amps</b>					
Connection – single phase service	NDEXBH	\$629.56	\$692.52	\$629.56	\$692.52
Connection – three phase service with direct connected metering	NCEXBH	\$815.76	\$897.34	\$815.76	\$897.34
Connection – three phase service greater than 100 amps requiring current transformer (CT) metering.		Quoted	Quoted	Quoted	Quoted
<b>Temporary Supply</b>					
Single-Phase Temporary supply – overhead supply with coincident abolishment	BTSOBH	\$613.18	\$674.50	\$613.18	\$674.50
Three-Phase Temporary supply – overhead supply with coincident abolishment	BTSPBH	\$784.67	\$863.14	\$784.67	\$863.14
<b>Field Officer Visits</b>					
Manual energisation of new premises (fuse insert)	RENPBH	\$38.45	\$42.30	\$61.10	\$67.21
Manual re-energisation of existing premises (fuse insert)	REENBH	\$38.45	\$42.30	\$61.10	\$67.21
Manual de-energisation of existing premises (fuse removal)	DEENBH	\$59.32	\$65.25	\$77.90	\$85.69
Temporary disconnect – reconnect for non-payment	RCADBH	\$72.76	\$80.04	\$81.24	\$89.36
Manual special meter read	SPRDBH	\$34.34	\$37.77	NA	NA
<b>Service vehicle visits</b>					
Service vehicle visit	SVTKBH	\$477.85	\$525.64	\$628.10	\$690.91
Wasted service vehicle visit (not JEN's fault)	WSVRBH	\$443.17	\$487.49	\$628.09	\$690.90
Fault response (not JEN's fault)	FRNJBH	\$477.85	\$525.64	\$628.10	\$690.91
After hours service truck by appointment		NA	NA	Quoted	Quoted
<b>Meter installation test</b>					
Retest of types 5 and 6 metering installations for first tier customers	MTALBH	\$404.75	\$445.23	\$666.14	\$732.75

Distribution services		Business Hours		After Hours	
<b>Miscellaneous distribution services</b>		<b>Product code</b>			
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
<b>Reserve feeder</b>					
Reserve feeder - \$/kW per annum		\$16.45	\$18.09	NA	NA
<b>Meter data services</b>					
Type 7 metering (meter data service)	MDCH	\$0.6577	\$0.7235	NA	NA
<b>Metering Charges (p.a.) for customers consuming &gt;160mwh per year</b>		<b>Business Hours</b>			
3 phase direct connected meter provision	3DCG	\$190.89	\$209.98	NA	NA
3 phase CT meter provision	3CTG	\$331.95	\$365.14	NA	NA
Monthly read meter	MDMG	\$89.96	\$98.95	NA	NA
Quarterly read meter	MDQG	\$29.97	\$32.97	NA	NA
<b>AMI Meter Charges(p.a. per meter) Customers consuming &lt;160 MWh per annum</b>					
Single Phase Non-Off Peak per meter/per year	1PNOP	\$66.28	\$72.91	NA	NA
Single Phase Off-Peak per meter/per year	1POP	\$66.28	\$72.91	NA	NA
Multi Phase Direct Connect per meter/per year	3DCL	\$81.14	\$89.25	NA	NA
Multi Phase CT per meter/peryear	3CTL	\$90.10	\$99.11	NA	NA
<b>Remote AMI Metering Services</b>					
Remote meter re-configuration	MECFRM	\$54.36	\$59.80	NA	NA
Remote de-energisation	DEENRM	\$10.40	\$11.44	NA	NA
Remote re-energisation	REENRM	\$10.40	\$11.44	NA	NA
Remote Special Meter Read	SPRDRM	\$0.00	\$0.00	NA	NA
<b>AMI Metering Exit Fees</b>					
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

\* All prices that are listed as per annum will be pro-rated for the 6 month period

## Jemena Electricity Networks (Vic) Ltd (JEN)

Public Lighting OMR (operation, maintenance & replacement) charges per half year (effective from 1 January 2021)

Light Type	OMR charge (excluding GST)	OMR charge (including GST)
Mercury Vapour 80 watt	\$27.70	\$30.47
Sodium High Pressure 150 watt	\$51.03	\$56.14
Sodium High Pressure 250 watt	\$51.65	\$56.82
55W Ind	\$34.63	\$38.09
Fluorescent 20 watt	\$34.63	\$38.09
Fluorescent 40 watt	\$34.63	\$38.09
Fluorescent 80 watt	\$34.63	\$38.09
Mercury Vapour 50 watt	\$34.63	\$38.09
Mercury Vapour 125 watt	\$40.72	\$44.79
Mercury Vapour 250 watt	\$49.59	\$54.55
Mercury Vapour 400 watt	\$55.79	\$61.37
Sodium High Pressure 50 watt	\$63.79	\$70.17
Sodium Low Pressure 90 watt	\$54.10	\$59.51
Sodium High Pressure 100 watt	\$69.92	\$76.91
Sodium High Pressure 400 watt	\$68.70	\$75.57
Metal Halide 70 watt	\$71.19	\$78.31
Metal Halide 150 watt	\$113.30	\$124.63
Metal Halide 250 watt	\$111.06	\$122.16
Incandescent 100 watt	\$43.22	\$47.54
Incandescent 150 watt	\$54.02	\$59.42
Sodium High Pressure 250 watt (24 hrs)	\$80.58	\$88.64
Metal Halide 100 watt	\$113.30	\$124.63
Energy Efficient Lights	OMR charge (excluding GST)	OMR charge (including GST)
T5 (2x14W)	\$19.18	\$21.10
T5 (2x24W)	\$21.60	\$23.76
18W LED (including other Cat. P LEDs)	\$12.57	\$13.82
Compact Fluoro 32W	\$16.54	\$18.20
Compact Fluoro 42W	\$18.65	\$20.52