

Network Price List



ABN 67 505 337 385

Excludes GST

Effective from 1 July 2011

Tariff Class	Network Price No.	Network Price	DLF	Network Access Charge ¢/day	Network Energy Rates				Step Rates		Daily Capacity Rates	Daily Capacity Rates
					Non-ToU ¢/kWh	Time of Use (ToU)			Step 1 ¢/kWh	Step 2 ¢/kWh	Peak ¢/kWh/day	Peak ¢/kVA/day
						Peak ¢/kWh	Shoulder ¢/kWh	Off Peak ¢/kWh				
Low Voltage	EA010	LV Res non-TOU (Closed)	1.0635	28.2338					10.6270	16.4049		
	EA025	LV Res <40 MWh (System)	1.0540	39.3088		22.2350	4.4000	2.1086				
	EA030	Controlled Load 1	1.0635	1.5829	1.7126							
	EA040	Controlled Load 2	1.0635	6.1077	4.0997							
	EA050	LV Bus non-TOU (Closed)	1.0555	91.7267					9.0538	14.2635		
	EA225	LV Bus <40 MWh (System)	1.0555	63.9265		21.9707	5.3188	2.0743				
	EA301	LV 40-160 MWh (transition)	1.0555	200.0000		9.3538	7.4156	3.9933			13.5000	
	EA302	LV 40-160 MWh (System)	1.0555	200.0000		9.3538	7.4156	3.9933			27.0000	
	EA305	LV 160-750 MWh (System)	1.0555	350.0000		8.8538	7.1538	3.3541				27.0000
	EA310	LV >750 MWh (System)	1.0555	350.0000		8.8538	7.1538	3.3541				19.4692
	EA325	LV Connection (Standby Tariff)	1.0555	486.0984		6.3538	4.8538	1.8538				
High Voltage	EA360	HV Connection (Standby Tariff)	1.0358	1,352.9646		7.7633	4.9224	2.0096				
	EA370	HV Connection (System)	1.0358	1,294.8796		7.7633	4.9224	2.0096				12.4331
	EA380	HV Connection (Substation)	1.0185	1,294.8796		7.1991	4.9653	1.2028				7.8574
Sub-transmission	EA390	ST Connection	1.0124	1,490.0000		4.1538	3.1038	1.3538				4.8888
Unmetered	EA401	Public Lighting	1.0839		7.1533							
	EA402	Constant Unmetered	1.0604		8.7553							
	EA403	EnergyLight	1.0839		6.4486							

The time periods for the LV Res <40 MWh and LV Bus <40 MWh are different to the other time of use prices. Refer to the Explanatory Notes for details.

LV Res non-TOU (Closed) and LV Bus non-TOU (Closed) are no longer available for new installations.

The inclining block thresholds are 1,750 kWh per 91 days for LV Res non-TOU (Closed) and 2,500 kWh per 91 days for LV Bus non-TOU (Closed)

Explanatory Notes

Supply Voltages Ausgrid reserves the right to determine the voltage at which supply shall be made available to any particular customer. The general voltage levels referred to in the prices are:

Low Voltage (LV)	nominally 240/415 V
High Voltage (HV)	nominally 5, 6.6, 11 or 22 kV
Subtransmission (ST)	33 kV and above.

Distribution Loss Factors (DLFs) These represent the electrical energy lost in the conveyance of electricity over a distribution network. The factors are calculated by DNSPs in accordance with the methodology in clause 3.6 of the National Electricity Rules. DLFs are used by the AEMO in the market settlement to adjust the electrical energy attributed to each retailer at each transmission connection point. DLFs are also used by retailers directly for reconciliation with their purchasing against customer billing processes. NB. Network prices apply to metered (or estimated) customer consumption and therefore prices are not directly affected by these loss factors.

Network Access Charge (NAC) This is a fixed charge (¢/day) applied to each energised connection point at which Ausgrid's energy or demand is recorded. A separate NAC may be applied to each connection point and their associated metering point(s) as determined by Ausgrid.

Non-ToU Rates The Non Time of Use charge (¢/kWh) is applied to the total energy determined from an energy only meter. Since 1 July 2004, a two-step pricing structure has applied to selected non-ToU energy charges. Step 1 applies to the first 1750kWh for domestic (EA010) and 2500kWh for business (EA050) per 91 days. Step 2 applies to all consumption in excess of Step 1.

Time of Use (ToU) Rates All installed meters capable of recording the time of use of electricity consumption, will have the energy charged according to peak, shoulder and off-peak time periods.

Time periods for Time of Use (TOU) Tariffs.

The following time periods apply for tariffs EA025 and EA225

PEAK PERIOD is from 2.00 pm - 8.00 pm on working weekdays.

SHOULDER PERIOD is from 7.00 am – 2.00 pm and 8.00pm – 10.00 pm on working weekdays and from 7.00am – 10.00pm on weekends and public holidays.

OFF-PEAK PERIOD is at all other times.

All other Time of Use (ToU) Tariffs will have the following time periods applied:

PEAK PERIOD is from 2.00 pm - 8.00 pm on working weekdays.

SHOULDER PERIOD is from 7.00 am – 2.00 pm and 8.00pm – 10.00 pm on working weekdays.

OFF-PEAK PERIOD is at all other times.

Capacity Charges Capacity charges are applied to the maximum half hourly kW or KVA power reading that occurred at a customer's connection point over the 12 months prior to a bill being calculated.

The chargeable kW or KVA reading can only occur in peak times which are from 2pm to 8pm on working weekdays.

The capacity charge is in cents per day and is calculated on the number of days in the billing period.

One capacity charge is applied at each connection point. **Coincident or summated capacity charges from multiple connection points ARE NOT permitted** without the written approval of the Executive Manager - Network Regulation & Pricing.

Metering A customer's metering installation must have a meter which is capable of measuring the relevant electrical components of energy and demand before a given default price can be applied. If a customer or retailer wishes an alternative meter to be installed they may be required to pay a contribution towards its cost.

Network Pricing information: These can be referenced from our website on www.ausgrid.com.au/network_prices

Address for correspondence:

Executive Manager – Network Regulation & Pricing
GPO Box 4009
Sydney NSW 2001

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Tariff Class	Network Price No.	Network Price	DLF	Network Access Charge ¢/day	Network Energy Rates				Step Rates		Daily Capacity Rates	Daily Capacity Rates
					Non-ToU ¢/kWh	Time of Use (ToU)			Step 1 ¢/kWh	Step 2 ¢/kWh	Peak ¢/kW/day	Peak ¢/kVA/day
						Peak ¢/kWh	Shoulder ¢/kWh	Off Peak ¢/kWh				
Low Voltage	EA010	LV Res non-TOU (Closed)	1.0635	31.0572					11.6897	18.0454		
	EA025	LV Res <40 MWh (System)	1.0540	43.2397		24.4585	4.8400	2.3195				
	EA030	Controlled Load 1	1.0635	1.7412	1.8839							
	EA040	Controlled Load 2	1.0635	6.7185	4.5097							
	EA050	LV Bus non-TOU (Closed)	1.0555	100.8994					9.9592	15.6899		
	EA225	LV Bus <40 MWh (System)	1.0555	70.3192		24.1678	5.8507	2.2817				
	EA301	LV 40-160 MWh (transition)	1.0555	220.0000		10.2892	8.1572	4.3926			14.8500	
	EA302	LV 40-160 MWh (System)	1.0555	220.0000		10.2892	8.1572	4.3926			29.7000	
	EA305	LV 160-750 MWh (System)	1.0555	385.0000		9.7392	7.8692	3.6895				29.7000
	EA310	LV >750 MWh (System)	1.0555	385.0000		9.7392	7.8692	3.6895				21.4161
EA325	LV Connection (Standby Tariff)	1.0555	534.7082		6.9892	5.3392	2.0392					
High Voltage	EA360	HV Connection (Standby Tariff)	1.0358	1488.2611		8.5396	5.4146	2.2106				
	EA370	HV Connection (System)	1.0358	1424.3676		8.5396	5.4146	2.2106				13.6764
	EA380	HV Connection (Substation)	1.0185	1424.3676		7.9190	5.4618	1.3231				8.6431
Sub-transmission	EA390	ST Connection	1.0124	1639.0000		4.5692	3.4142	1.4892				5.3777
Unmetered	EA401	Public Lighting	1.0839		7.8686							
	EA402	Constant Unmetered	1.0604		9.6308							
	EA403	EnergyLight	1.0839		7.0935							

The time periods for the LV Res <40 MWh and LV Bus <40 MWh are different to the other time of use prices. Refer to the Explanatory Notes for details.

LV Res non-TOU (Closed) and LV Bus non-TOU (Closed) are no longer available for new installations.

The inclining block thresholds are 1,750 kWh per 91 days for LV Res non-TOU (Closed) and 2,500 kWh per 91 days for LV Bus non-TOU (Closed)

Explanatory Notes (continued)

EA010 LV Res non-TOU (Closed): Only available to existing premises where electricity use is wholly or principally for private residential dwellings and a single register energy only meter is installed (known as a Type 6 meter as per the National Electricity Rules). A private residential dwelling is a house, flat, home unit, town house or similar qualifying residential premises.

NOTE: 1. This tariff is closed. All new low voltage domestic customers will be placed on **EA025 LV Res <40MWh (System)**

EA025 LV Res <40MWh (System) Applicable to low voltage electricity supplied to residential premises with interval metering (Type 5 meter or better as per the National Electricity Rules).

- NOTE:
- LV Res <40MWh (System)** is the default network price for all residential customers who have a Type 5 meter (or better) installed
 - All new installations and existing installations for residential customers which have a meter upgrade must install an interval meter (Type 5 meter or better) and must be placed on the **LV Res <40MWh (System)** network price.
 - Residential customers receiving low voltage supply under a standard form customer supply contract can receive the **LV Res <40MWh (System)** network price.
 - If a customer wishes to be placed on an alternative network price the customer must make application on the Network Price Application Form with supporting documentation to Ausgrid.

Controlled Load: Applicable to electricity which is separately metered and controlled by Ausgrid and used for operating storage water heaters, thermal storage space heaters, and other approved fixed wired appliances.

The **EA030 Controlled Load 1** price is available for supply that is usually available for a six hour duration between 10.00 pm and 7.00 am.

The **EA040 Controlled Load 2** price is available for supply that is usually available for sixteen hours including more than 6 hours

between 8pm and 7am and more than 4 hours between 7am and 5pm.

NOTE: 1 Ausgrid reserves the right to vary the switching times of any of the above mentioned loads at its discretion. Controlled Load prices can only apply when a correctly connected and operative load control device is controlled by Ausgrid. Ausgrid's load control relay MUST NOT be electrically bypassed or removed without the written approval of the Executive Manager - Network Regulation and Pricing. If the Load Control Relay is incorporated into the meter, that meter must not be removed without Ausgrid's approval.

EA050 LV Bus non-TOU (Closed): Only available to existing low voltage supplies to premises used for any non-domestic purpose where an existing single register energy only meter is installed (Type 6 metering installation as per the National Electricity Rules).

NOTE: 1 This tariff is closed. All new low voltage non-domestic customers will be placed on the default Network price appropriate to the annual consumption (e.g. **EA225 LV Bus <40 MWh (System)**, **EA302 LV 40-160 MWh**, **EA305 LV 160-750 MWh**).

EA225 LV Bus <40 MWh (System): Applicable to low voltage electricity supplied to business premises where the consumption is below 40MWh per annum. This price is available to customers who have interval metering (Type 5 meter or better as per the National Electricity Rules).

- NOTE:
- LV Bus <40MWh (System)** is the default network price for all business customers who have a Type 5 meter (or better) installed, and consume less than 40MWh p.a.
 - All new installations and existing installations which have a meter upgrade (consuming below 40MWh per annum) must install an interval meter (Type 5 meter or better) and must be placed on the **LV Bus <40MWh (System)** network price.
 - Business customers receiving low voltage supply under a standard form customer supply contract and consuming less than 40 MWh pa can receive the **LV Bus <40MWh (System)** network price.

- If a customer wishes to be placed on an alternative network price the customer must make application on the Network Price Application Form with supporting documentation to Ausgrid.

EA302 LV 40-160 MWh (System) For customers with low voltage electricity supplied for business purposes, where the consumption is between 40MWh and 160MWh per annum, and a Type 5 or better meter is installed.

EA301 LV 40-160 MWh (Transition) For customers with low voltage electricity supplied for business purposes, where the consumption is between 40MWh and 160MWh per annum, a Type 5 or better meter is installed, and would have been significantly impacted when transferred from EA225 to EA302.

EA305 LV 160-750 MWh (System): For customers where low voltage electricity is supplied to premises for any purpose where the consumption is between 160MWh and 750MWh per annum and have Type 4 or better meters. The same time periods apply as for the **EA302 LV 40-160 MWh (System)** tariff apply.

EA310, EA370, EA380, and EA390 tariffs: Customers with a load of 750MWh per annum or above will automatically be charged either the **EA310, EA370 or EA390** network prices depending on the voltage of their installation. To obtain the HV substation price (**EA380**) the customer must make an application on a Network Price Application Form with supporting documentation to Ausgrid.

All customer tariffs for usage above 160 MWh per year (**EA305 to EA390**) include a daily kVA capacity charge (excluding the stand-by rates). Large energy users may achieve significant cost savings by correcting the power factor of their electrical installation in order to minimise the kVA capacity charge. The daily capacity charge is calculated in accordance with the method outlined on the definitions page attached.

EA325 LV Connection (Standby Tariff) and EA360 HV Connection (Standby Tariff): These tariffs are for network connections that do not normally have a load yet increase the capacity requirements on the upstream system which must be capable of supplying the standby load in addition to normally supplied loads. Both the HV and LV standby tariffs are available on an application only basis.

EA401 Public Lighting : Available for metered and unmetered supplies that are deemed to have a similar usage profile to public lighting and have some form of on/off control. The form of on/off control may be photoelectric cell, timer, ripple or other control.

EA402 Constant Unmetered: Available to all unmetered supplies other than those deemed to have a profile similar to public lighting. This price would generally apply to connections to certain small consumer installations located in public places, e.g. bus stop shelters, public conveniences, floodlights, and public telephones.

Contract - above 10 MW or 40 GWh pa: Ausgrid calculates a Cost Reflective Network Price (CRNP) specific to an individual large customer's connection to the network. To receive a CRNP price at a given connection point a customer must have a measured demand of at least 10 MW or consume more than 40 GWh of electricity per annum. The CRNP price takes into account the customer's utilisation of the network assets.

Network Price Changes The Network Price for a specific installation (customer) is determined by reference to a number of factors including the customer's load, supply voltage, metering and or connection point configuration. Applications to change a network price should be made on a Network Price Application Form and if approved will apply from the start of the next billing period following the date of receipt of the price change application.

"Qualifying" in relation to particular Network Prices indicates that Ausgrid reserves the right to determine and approve the application of particular Network Prices to individual customers and/or groups of customers in its geographic area.

Daylight Saving Daylight Saving time applies to all Ausgrid Network Prices.

Interest Payable on Network Use of System Charges Ausgrid may charge retailers interest on all overdue Network Use of System Charge accounts in accordance with Market Operation Rule (Network Use of System Agreements) No.2 of 2001 made under s.63C of the Electricity Supply Act 1995.

NSW Solar Bonus Scheme Payments In the weekly B2B invoices, Ausgrid will credit NMIs for retailers (on behalf of customers) which have generation facilities and are eligible under the NSW Solar Bonus Scheme. The amount of credit (in cents per kWh) will be dependent on the conditions contained within the NSW Electricity Supply Act 1995 and the supporting regulations. Ineligible customers will not receive any payments.