

Network Price List *(excludes GST)*

Effective from 1 July 2008

Network Use of System Prices

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				
EA010	Domestic (Obsolete)*	1.0658	16.1659					5.5929	8.3832		
EA024	No NAC Energy40**	1.0658	0.0000		13.9982	2.7299	0.7244				
EA025	LV Energy40 ToU (System)	1.0658	22.0858		13.9982	2.7299	0.7244				
EA030	Controlled Load 1	1.0658	1.3571	0.4129							
EA040	Controlled Load 2	1.0658	1.3566	2.4397							
EA401	Public Lighting	1.1008	0.0000	4.1526							
EA402	Constant Unmetered	1.0639	0.0000	5.0420							
EA403	EnergyLight	1.1008	0.0000	4.1526							
EA050	LV Business non-ToU (Obsolete)*	1.0639	48.2511					4.7348	7.1046		
EA290	LV Business ToU (System) (Obsolete)*	1.0639	192.5807		11.6082	5.8432	2.4579				
EA291	LV Business ToU (Substation) (Obsolete)*	1.0404	136.9866		11.7603	5.9707	2.3782				
EA302	LV kW Capacity ToU (System)	1.0639	62.6741		6.7215	4.1876	1.7815			11.3425	
EA303	LV kW Capacity ToU (Substation)	1.0404	51.4772		6.6247	4.0887	1.6817			10.1657	
EA305	LV Cap 750 (System)	1.0639	62.6741		6.7215	4.1876	1.7815				9.6411
EA306	LV Cap 750 (Substation)	1.0404	51.4772		6.6247	4.0887	1.6817				8.6408
EA310	LV kVA Demand ToU (System)	1.0639	185.4628		3.3128	1.9677	0.8318				21.2764
EA320	LV kVA Demand ToU (Substation)	1.0404	156.9601		3.3454	1.9825	0.8308				21.2990
EA370	HV kVA Demand ToU (System)	1.0254	517.9985		2.4218	1.4656	0.6330				17.8008
EA380	HV kVA Demand ToU (Substation)	1.0254	517.9985		2.3606	1.4271	0.6137				10.0781
EA390	ST kVA Demand ToU	1.0226	596.2696		1.5814	0.9990	0.5062				8.4204
	Contract - above 10MW		CRNP								

- Prices are calculated according to the methodology outlined on the Definition page and *ES7 - Application of Network use of System Charges*.
- Prices marked * are no longer available for new installations.
- Prices marked ** are only available to customers according to the terms and conditions outlined in *ES7 - Application of Network use of System Charges*.
- The time periods for the LV Energy40 ToU and No NAC Energy40 tariffs are different to the other time of use prices. Refer to the Price Categories page for details.
- The Step Rates are 1750kWh per 91 days for Domestic and 2500kWh per 91 days for LV Business non-ToU.
- Prices highlighted in **BOLD** print are **default prices**:

LV Energy40 ToU (System) prices apply to customers consuming between 0MWh and 40MWh per annum (p.a.)

LV kW Capacity ToU (System) prices apply to customers consuming between 40MWh and 160MWh p.a.

LV Cap 750 (System) prices apply to customers consuming between 160MWh and 750MWh p.a.

Demand ToU prices apply to customers consuming 750MWh p.a. & over.

Definitions

Supply Voltages EnergyAustralia 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 Factor (DLF) This factor is used by retailers in the market to account for losses in the distribution network. The energy consumed by the customer is increased by an average energy loss factor (DLF) which can be expressed as a percentage or a factor (e.g. 5.16% or 1.05160). The distribution loss factor does not include the Transmission Loss Factor used in NEMMCO's market settlements to account for transmission network losses.

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

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 and 2500kWh for Business Non-ToU 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 EA024 and EA025

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.

Further details on the above network prices can be obtained in the following EnergyAustralia documents: "ES7 Application of Network Use of System Charges" located at www.energy.com.au/network_prices.

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 Price List enquires: These can be directed to our Call Centre on telephone **13 13 67** or referenced from our website on www.energy.com.au

Address for correspondence:

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

Network Price List *(includes GST)*

Effective from 1 July 2008

Network Use of System Prices

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				
EA010	Domestic (Obsolete)*	1.0658	17.7825					6.1522	9.2215		
EA024	No NAC Energy40**	1.0658	0.0000		15.3980	3.0029	0.7968				
EA025	LV Energy40 ToU (System)	1.0658	24.2944		15.3980	3.0029	0.7968				
EA030	Controlled Load 1	1.0658	1.4928	0.4542							
EA040	Controlled Load 2	1.0658	1.4923	2.6837							
EA401	Public Lighting	1.1008	0.0000	4.5679							
EA402	Constant Unmetered	1.0639	0.0000	5.5462							
EA403	EnergyLight	1.1008	0.0000	4.5679							
EA050	LV Business non-ToU (Obsolete)*	1.0639	53.0762					5.2083	7.8151		
EA290	LV Business ToU (System) (Obsolete)*	1.0639	211.8388		12.7690	6.4275	2.7037				
EA291	LV Business ToU (Substation) (Obsolete)*	1.0404	150.6853		12.9363	6.5678	2.6160				
EA302	LV kW Capacity ToU (System)	1.0639	68.9415		7.3937	4.6064	1.9597			12.4768	
EA303	LV kW Capacity ToU (Substation)	1.0404	56.6249		7.2872	4.4976	1.8499			11.1823	
EA305	LV Cap 750 (System)	1.0639	68.9415		7.3937	4.6064	1.9597				10.6052
EA306	LV Cap 750 (Substation)	1.0404	56.6249		7.2872	4.4976	1.8499				9.5049
EA310	LV kVA Demand ToU (System)	1.0639	204.0091		3.6441	2.1645	0.9150				23.4040
EA320	LV kVA Demand ToU (Substation)	1.0404	172.6561		3.6799	2.1808	0.9139				23.4289
EA370	HV kVA Demand ToU (System)	1.0254	569.7984		2.6640	1.6122	0.6963				19.5809
EA380	HV kVA Demand ToU (Substation)	1.0254	569.7984		2.5967	1.5698	0.6751				11.0859
EA390	ST kVA Demand ToU	1.0226	655.8966		1.7395	1.0989	0.5568				9.2624
	Contract - above 10MW		CRNP								

1. Prices are calculated according to the methodology outlined on the Definition page and ES7 - Application of Network use of System Charges.

2. Prices marked * are no longer available for new installations.

3. Prices marked ** are only available to customers according to the terms and conditions outlined in ES7 - Application of Network use of System Charges.

4. The time periods for the LV Energy40 ToU and No NAC Energy40 tariffs are different to the other time of use prices. Refer to the Price Categories page for details.

5. The Step Rates are 1750kWh per 91 days for Domestic and 2500kWh per 91 days for LV Business non-ToU.

6. Prices highlighted in **BOLD** print are **default prices**:

LV Energy40 ToU (System) prices apply to customers consuming between 0MWh and 40MWh per annum (p.a.)

LV kW Capacity ToU (System) prices apply to customers consuming between 40MWh and 160MWh p.a.

LV Cap 750 (System) prices apply to customers consuming between 160MWh and 750MWh p.a.

Demand ToU prices apply to customers consuming 750MWh p.a. & over.

Price Categories

[EA010] Domestic (Obsolete): Available for consumption in premises used wholly or principally as private residential dwellings where 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 has become obsolete. All new low voltage domestic customers will be placed on **[EA025] LV Energy40 ToU (System)**

[EA025] LV Energy40 ToU (System) Applicable to low voltage electricity supplied to premises for any purpose 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: 1. **LV Energy40 ToU (System)** is the default network price for all customers which have a Type 5 meter (or better) installed, and consume less than 40MWh p.a.

2. New Domestic and Small Business customers connected to EnergyAustralia's network with a Type 5 (or better) meter installed, and assessed to consume less than 40 MWh p.a. will be placed on the **LV Energy40 ToU (System)** network price.

3. 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 Energy40 ToU (System)** network price.

- Residential customers receiving low voltage supply under a standard form customer supply contract and consuming less than 160MWh pa can receive the **LV Energy40 ToU (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 EnergyAustralia Network.

Controlled Load: Applicable to electricity which is separately metered and controlled by EnergyAustralia 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 EnergyAustralia 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 EnergyAustralia Network. EnergyAustralia'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 EnergyAustralia's approval.

[EA050] LV Business non-ToU (Obsolete): Available for 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). A corresponding price is not available for customers taking supply at high voltage.

NOTE: 1 This tariff has become obsolete. All new low voltage non-domestic customers will be placed on the default Network price appropriate to the annual consumption (e.g. **[EA025] LV Energy40 ToU (System)**, **[EA302] LV kW Capacity ToU**, **[EA305] LV kVA Demand ToU**).

[EA290, EA291] LV Business ToU (Obsolete) This price is obsolete and is only available for existing customers at existing premises. It is available for low voltage supplies used for any non-domestic purpose, where a Type 6 meter is installed which records the energy consumption used within specified time periods as listed in the Definitions page.

[EA302, EA 303]: LV kW Capacity ToU Applicable to low voltage electricity supplied to premises for any purpose where the consumption is between 40MWh and 160MWh per annum and having Type 5 or better meters will be charged the **[EA302] LV kW Capacity ToU (System)** network price.

To obtain a **[EA303] LV kW Capacity ToU (Substation)** price the customer must make an application on a Network Price Application Form with supporting documentation to EnergyAustralia Network. The daily capacity charge is calculated in accordance with the method outlined on the definitions page attached.

[EA305, EA306] LV Cap 750 : Low voltage electricity supplied to premises for any purpose where the consumption is between 160MWh and 750MWh per annum and having Type 4 or better meters will be charged the **[EA305] LV Cap 750 (System)** network price. The same time periods as the **[EA302] LV kW Capacity ToU (System)** tariff apply.

To obtain a **[EA306] LV Cap 750 (Substation)** price the customer must make an application on a Network Price Application Form with supporting documentation to EnergyAustralia Network. The daily capacity charge is calculated in accordance with the method outlined on the definitions page attached.

[EA310, EA320, EA370, EA380, and EA390] kVA Demand ToU: Customers with a load of 750MWh per annum or above will automatically be charged the **[EA310, EA370, EA390] kVA Demand ToU System** network price applicable to the voltage of their installation. To obtain a **[EA320, EA380] kVA Demand ToU (Substation)** price the customer must make an application on a Network Price Application Form with supporting documentation to EnergyAustralia Network.

All Demand ToU Network Prices include a daily kVA capacity charge. 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.

[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: EnergyAustralia Network 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 10 MW or over, on three separate occasions over the 12 month period of assessment. The CRNP price takes into account the customer's annual utilisation of the network assets.

Standby Charges The standby arrangements are intended for application to loads not normally connected to the network. All applications for standby supply must be made in writing to EnergyAustralia Network. EnergyAustralia Network reserves the right to reassess existing standby supplies at any time for their impact on the electricity system and apply revised or new standby prices according to current metering and pricing methodologies. Refer to EnergyAustralia's ES7 document for more details.

[EA024] No NAC Energy40 : This tariff is available for customers who have requested that a Time of Use interval meter be installed to replace their existing Type 6 (accumulation) meter. Customers may remain on this tariff for up to three years, after which the customer will revert to the **[EA025] LV Energy40 ToU (System)** tariff.

Network Price Changes The Network Price for a specific installation is dependent on 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 EnergyAustralia Network 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.

Default Network Prices: Apply to installations which have appropriate metering and/or with annual consumption that falls between the ranges listed in the notes to the Price List Tables e.g. **kW Capacity ToU (Types 3, 4 or 5 meters)** network prices apply to loads between 40MWh and 750MWh p.a.

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

Interest Payable on Network Use of System Charges EnergyAustralia may charge 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.