

Network Price List *(excludes GST)*

Effective from 1 July 2007

Network Price No.	Network Price	DLF	Network Access Charge c/day	Network Energy Rates				Step Rates		Monthly Demand Rates	Monthly Capacity Rates	Monthly Capacity Rates
				Non-ToU c/kWh	Peak c/kWh	Shoulder c/kWh	Off Peak c/kWh	Step 1 c/kWh	Step 2 c/kWh	Peak \$/kVA/month	Peak \$/kW/month	Peak \$/kVA/month
EA010	Domestic (Obsolete)*	1.0668	14.4513					5.0771	7.4106			
EA024	No NAC Energy40***	1.0668	0.0000		12.8111	2.4361	0.6110					
EA025	LV Energy40 ToU (System)	1.0668	19.7432		12.8111	2.4361	0.6110					
EA026	LV Energy40 ToU (Substation)	1.0344	17.2894		12.6917	2.4131	0.6051					
EA028	Miser Seasonal 1	1.0668	18.9206		18.4497	1.8105	0.5000					
EA030	Controlled Load 1	1.0668	1.2713	0.3740								
EA040	Controlled Load 2	1.0668	1.2708	2.2186								
EA401	Public Lighting	1.1009	0.0000	3.7765								
EA402	Constant Unmetered	1.0653	0.0000	4.5874								
EA403	EnergyLight	1.1009	0.0000	3.7765								
EA050	LV Business non-ToU (Obsolete)*	1.0653	43.1332					4.2846	6.3497			
EA302	LV kW Capacity ToU (System)**	1.0653	58.7120		6.1023	3.7958	1.5960				3.1791	
EA303	LV kW Capacity ToU (Substation)**	1.0344	48.2230		6.0111	3.7084	1.5123				2.8541	
EA304	Miser Seasonal 2**	1.0653	51.7500		7.6704	3.4130	1.4535				2.4919	
EA305	LV Cap 750 (System)	1.0653	58.7120		6.1023	3.7958	1.5960					2.7022
EA306	LV Cap 750 (Substation)	1.0344	48.2230		6.0111	3.7084	1.5123					2.4260
EA310	LV kVA Demand ToU (System)	1.0653	173.7384		2.9586	1.7479	0.7240			1.6567		4.6473
EA320	LV kVA Demand ToU (Substation)	1.0344	147.0375		2.9973	1.7670	0.7261			1.6558		4.6534
EA370	HV kVA Demand ToU (System)	1.0194	485.2522		2.1596	1.3008	0.5514			1.2856		4.0121
EA380	HV kVA Demand ToU (Substation)	1.0194	485.2522		2.1241	1.2794	0.5422			0.7169		2.2807
EA390	ST kVA Demand ToU	1.0166	558.5753		1.4199	0.8953	0.4516			0.5909		1.8606
	Contract - above 10MW		CRNP									

- Prices marked * are no longer available for new installations. Existing customers will remain on these tariffs while they have a type 6 meter.
- The monthly capacity rates for prices marked ** are in \$/kW/month. Monthly demand and capacity charges are calculated in accordance with the method outlined in the Definitions page.
- 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 are different to the other time-of-use prices. Refer to the price category section for details.
- The Steps Rates are 1750kWh per 91 days for Domestic and 2500kWh per 91 days for LV Business non-ToU. For billing, step rates are converted to a per-day basis
- Prices highlighted in **BOLD** print are **default prices**:
 LV Energy40 ToU prices apply to customers consuming between 0MWh and 40MWh pa.
 LV kW Capacity ToU prices apply to customers consuming between 40MWh and 160MWh pa.
 LV Cap 750 prices apply to customers consuming between 160MWh and 750MWh p.a.
 Demand ToU prices apply to customers consuming 750MWh pa and 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. Refer to the specific network price details for the time periods of each component.

kVA Demand The Demand charge may be applied to any connection point at which a Type 3 meter is installed irrespective of the annual energy consumption of the connection. The monthly kVA demand is the maximum half hour demand in the month and is calculated using the kWh and kVARh energy components recorded by the Type 3 code compliant meter. A separate demand is applied at each individual connection point and their associated metering point. **Coincident or summated demand** from multiple connection points IS NOT permitted without the written approval of the Manager - Network Regulation & Pricing.

Monthly Demand and Capacity Rates The monthly peak demand and capacity rates are converted to an equivalent daily rate in determining the applicable monthly demand and capacity charges. Peak time periods are as defined for the LV kW Capacity ToU [302] time periods.

NOTE: The monthly demand and capacity rates are converted to an equivalent daily rate prior to the determination of the Monthly Demand charge.

Peak Only Components Since 1 July 2005, only the Peak period is applicable to the Demand and Capacity components of a given network price. In the case of Demand ToU the applicable Monthly Demand charge is equal to Peak Demand x Peak Demand Rate.

Monthly Demand Charge The kW or kVA Demand Charge (\$/kW or \$/kVA) is recorded on a monthly basis for charging purposes.

Monthly Capacity Charge The Capacity Charge (\$/kW or \$/kVA) is applied to the half hour maximum kW or kVA that occurs within the latest 12 monthly bills.

As with demand charges, a separate capacity charge is applied at each connection point and its associated metering point. **Coincident or summated capacity charges** from multiple connection points ARE NOT permitted without the written approval of the 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" and "Calculation of Network Price Components" 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:

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

Network Price List *(includes GST)*

Effective from 1 July 2007

Network Price No.	Network Price	DLF	Network Access Charge c/day	Network Energy Rates				Step Rates		Monthly Demand Rates	Monthly Capacity Rates	Monthly Capacity Rates
				Non-ToU c/kWh	Peak c/kWh	Shoulder c/kWh	Off Peak c/kWh	Step 1 c/kWh	Step 2 c/kWh	Peak \$/kVA/month	Peak \$/kW/month	Peak \$/kVA/month
EA010	Domestic (Obsolete)*	1.0668	15.8964					5.5848	8.1517			
EA024	No NAC Energy40***	1.0668	0.0000		14.0923	2.6797	0.6721					
EA025	LV Energy40 ToU (System)	1.0668	21.7175		14.0923	2.6797	0.6721					
EA026	LV Energy40 ToU (Substation)	1.0344	19.0183		13.9608	2.6544	0.6656					
EA028	Miser Seasonal 1	1.0668	20.8127		20.2947	1.9916	0.5500					
EA030	Controlled Load 1	1.0668	1.3985	0.4114								
EA040	Controlled Load 2	1.0668	1.3979	2.4405								
EA401	Public Lighting	1.1009	0.0000	4.1542								
EA402	Constant Unmetered	1.0653	0.0000	5.0462								
EA403	EnergyLight	1.1009	0.0000	4.1542								
EA050	LV Business non-ToU (Obsolete)*	1.0653	47.4466					4.7131	6.9847			
EA302	LV kW Capacity ToU (System)**	1.0653	64.5832		6.7126	4.1754	1.7556				3.4970	
EA303	LV kW Capacity ToU (Substation)**	1.0344	53.0453		6.6122	4.0793	1.6635				3.1396	
EA304	Miser Seasonal 2**	1.0653	56.9250		8.4375	3.7543	1.5988				2.7411	
EA305	LV Cap 750 (System)	1.0653	64.5832		6.7126	4.1754	1.7556					2.9725
EA306	LV Cap 750 (Substation)	1.0344	53.0453		6.6122	4.0793	1.6635					2.6686
EA310	LV kVA Demand ToU (System)	1.0653	191.1122		3.2545	1.9227	0.7964			1.8223		5.1121
EA320	LV kVA Demand ToU (Substation)	1.0344	161.7413		3.2970	1.9437	0.7987			1.8214		5.1187
EA370	HV kVA Demand ToU (System)	1.0194	533.7774		2.3756	1.4309	0.6065			1.4142		4.4133
EA380	HV kVA Demand ToU (Substation)	1.0194	533.7774		2.3365	1.4073	0.5964			0.7886		2.5087
EA390	ST kVA Demand ToU	1.0166	614.4328		1.5619	0.9848	0.4967			0.6500		2.0467
	Contract - above 10MW		CRNP									

- Prices marked * are no longer available for new installations. Existing customers will remain on these tariffs while they have a type 6 meter.
- The monthly capacity rates for prices marked ** are in \$/kW/month. Monthly demand and capacity charges are calculated in accordance with the method outlined on the Definitions page.
- 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 Interruptible Load prices are different to the other time of use prices. Refer to the price category section 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 prices apply to customers consuming between 0MWh and 40MWh p.a.
 LV kW Capacity ToU prices apply to customers consuming between 40MWh and 160MWh p.a.
 LV Cap 750 prices apply to customers consuming between 160MWh and 750MWh p.a.
 Demand ToU prices apply to customers consuming 750MWh pa and over.

Price Categories

Domestic [EA010 & EA210] (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 Code). 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 **LV Energy40 ToU [EA025]**.

LV Energy40 Time of Use [EA025]: 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 Code) that provide the energy consumed within the following specified time periods:

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.

- NOTE: 1. **LV Energy40 ToU** 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 pa will be placed on the **LV Energy40 ToU** 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** network price.

4. 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** network price. 5) 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 **Controlled Load 1 [EA030, EA250]** price is available for supply that is usually available for a six hour duration between 10.00 pm and 7.00 am. The **Controlled Load 2 [EA040, EA260]** 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: 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 Manager Network Pricing and Customer Connection. If the Load Control Relay is incorporated into the meter, that meter must not be removed without EnergyAustralia's approval.

LV Business Non-Time of Use [EA050, 270] (Obsolete): Available for low voltage supplies to premises used for any non-domestic purpose where a single register energy only meter is installed (Type 6 metering installation as per the National Electricity Code). 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 (eg **LV Energy40 ToU, LV kW Capacity ToU, LV kVA Demand ToU**).

LV kW Capacity Time of Use [EA302, EA303]: 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 **LV kW Capacity ToU (System) [EA302]** network price. The following time periods apply:

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

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

OFF-PEAK PERIOD is at all other times.

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

LV Cap 750 [EA305, EA306]: Applicable to 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 **LV Cap 750 (System) [EA302]** network price. The same time periods as the **LV kW Capacity ToU** tariff apply.

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

kVA Demand Time of Use [EA310, EA320, EA370, EA380, and EA390]: Customers with a load of 750MWh per annum or above will automatically be charged the **kVA Demand ToU System [EA310, EA370, EA390]** network price applicable to the voltage of their installation. To obtain a **kVA Demand ToU (Substation) [EA320, EA380]** 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 both a Monthly kVA maximum Demand charge and a Monthly 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 demand and the kVA capacity charges. The monthly demand and capacity charges are calculated in accordance with the method outlined on the definitions page attached.

Public Lighting [EA401]: 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.

Constant Unmetered [EA402]: 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, eg bus stop shelters, public conveniences, floodlights, and public telephones.

Contract (generally 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.

CRNP customer's electrical supplies must be individually metered. When two or more connection points supplying the one customer utilise common network assets, EnergyAustralia may combine the loads at each point and treat them as an equivalent single point of connection for the CRNP analysis, applying the CRNP price to each separate connection point.

Standby Charges Where a customer's annual load factor at a point of supply is less than 15%, the chargeable demand may be based upon an assessment of the capacity provided. The standby arrangements are intended for application to loads not normally connected to the network. Refer to EnergyAustralia's NCP7 (previously ES7) document for more details. 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. Alternatively, the standard network price may be applied where the capacity charge component would substitute for a separate standby charge.

No NAC Energy40 [EA024]: Applicable to low voltage electricity supplied to premises for any purpose where the consumption is below 40MWh per annum. This price is only available to existing customers where a single register energy only meter was installed (known as a Type 6 meter) and the customer self funded the installation of an interval meter (Type 5 meter or better as per the National Electricity Customers). This tariff is only applicable for a period of three (3) years after which the customer will revert to the **LV Energy40 Time of Use [EA025]** tariff. *Note there is a separate document which contains the terms and conditions for this **No NAC Energy40 [EA024]** tariff.

LV Miser Seasonal ToU [EA028 & EA304] Available to customers consuming between 0-40 and 40-750 MWh pa with a Type 5 capable meter. Daily Time-of-Use periods are the same as for [EA025] and [EA302], respectively, with the daily peak period in effect only during the peak season. During the off-peak season the shoulder period replaces the daily peak period in both tariffs.

PEAK SEASON: June, July, August and December, January, February

NON PEAK SEASON: September, October, November and March, April, May

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 with annual consumption that falls between the ranges listed in the notes to the Price List Tables eg **kW Capacity ToU (Types 3, 4 or 5 meters)** network prices apply to loads between 40MWh and 750MWh pa.

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.