

TRANSGRID'S TRANSMISSION PRICES

1 July 2008 to 30 June 2009

All rates quoted are inclusive of Australian Goods and Services Tax (GST)

Customer charges

Common service and general charges

These rates apply at all connection points

	Energy Rate (c/kWh)	Contract Rate (\$/kW/month)
Common Service Charge	0.3521	1.3006
General Charge	0.2204	0.8140

Usage and exit charges

Customer	Connection Point	Exit (\$/day)	Usage Charge				
			Fixed (\$/day)	Peak (c/kWh)	Shoulder (c/kWh)	Off-Peak (c/kWh)	Demand (\$/kW/mth)
ActewAGL	Canberra 132	1097.10	0.00	0.2217	0.2217	0.0000	0.5586
ActewAGL	Queanbeyan 66	812.02	0.00	0.3961	0.3961	0.0000	0.9607
Country Energy	Albury 132	1664.48	0.00	0.3399	0.3399	0.0000	0.8580
Country Energy	Armidale 66	2397.46	0.00	0.3127	0.3127	0.0000	0.6807
Country Energy	Balranald 22	1055.52	0.00	0.9334	0.9334	0.0000	1.5580
Country Energy	Beryl 66	1984.42	0.00	0.5421	0.5421	0.0000	1.1571
Country Energy	Broken Hill 22	3642.51	0.00	1.4122	1.4122	0.0000	3.0745
Country Energy	Casino Tee 132	0.00	0.00	0.5517	0.5517	0.0000	1.3041
Country Energy	Coffs Harbour 66	2158.26	0.00	0.8338	0.8338	0.0000	1.9945
Country Energy	Colleambally 132	327.61	0.00	0.6858	0.6858	0.0000	1.5068
Country Energy	Cooma 11	1004.73	0.00	0.7976	0.7976	0.0000	1.6228
Country Energy	Cooma 132	199.80	0.00	0.6331	0.6331	0.0000	1.4323
Country Energy	Cooma 66	1901.58	0.00	1.3096	1.3096	0.0000	1.9967
Country Energy	Cowra 66	1804.55	0.00	0.7110	0.7110	0.0000	1.3793
Country Energy	Darlington Pt 132	650.75	0.00	0.6077	0.6077	0.0000	1.3294
Country Energy	Deniliquin 66	1886.12	0.00	1.1641	1.1641	0.0000	2.3025
Country Energy	Dorrigo 132	0.00	0.00	0.7605	0.7605	0.0000	1.5960
Country Energy	Dunoon 132	0.00	0.00	0.9562	0.9562	0.0000	1.4385
Country Energy	Finley 66	1574.75	0.00	1.4076	1.4076	0.0000	2.0967
Country Energy	Forbes 66	1971.96	0.00	0.7362	0.7362	0.0000	1.3704
Country Energy	Glen Innes 66	1557.86	0.00	0.8380	0.8380	0.0000	1.3421
Country Energy	Griffith 33	2290.94	0.00	0.8076	0.8076	0.0000	1.9378
Country Energy	Gunnedah 66	2288.68	0.00	0.5119	0.5119	0.0000	1.1433
Country Energy	Inverell	1880.45	0.00	0.8682	0.8682	0.0000	1.4726
Country Energy	Kempsey 33	1552.45	0.00	0.5730	0.5730	0.0000	1.3706
Country Energy	Kempsey 66	1303.66	0.00	0.6946	0.6946	0.0000	1.4773
Country Energy	Khancoban 11	0.00	0.00	0.4129	0.4129	0.0000	0.4697
Country Energy	Koolkhan 66	1945.00	0.00	0.8755	0.8755	0.0000	1.8457
Country Energy	Lismore 132	0.00	0.00	0.9562	0.9562	0.0000	1.4385
Country Energy	Manildra 132	1262.46	0.00	0.3925	0.3925	0.0000	1.0277
Country Energy	Marulan 132	1116.61	0.00	0.1722	0.1722	0.0000	0.4374
Country Energy	Molong 66	843.72	0.00	0.5155	0.5155	0.0000	0.6548
Country Energy	Moree 66	2067.09	0.00	1.0998	1.0998	0.0000	2.4782
Country Energy	Mudgee Tee 132	0.00	0.00	0.4923	0.4923	0.0000	1.0196
Country Energy	Mullumbimby 132	0.00	0.00	0.9562	0.9562	0.0000	1.4385
Country Energy	Munyang 33	1103.94	0.00	2.9770	2.9770	0.0000	4.8686

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			Fixed (\$/day)	Peak (c/kWh)	Shoulder (c/kWh)	Off-Peak (c/kWh)	Demand (\$/kW/mth)
Country Energy	Murrumbateman 132	6.16	0.00	0.3881	0.3881	0.0000	0.7189
Country Energy	Murrumburah 66	2304.82	0.00	0.4810	0.4810	0.0000	0.8379
Country Energy	Nambucca 66	1116.20	0.00	1.5886	1.5886	0.0000	3.7998
Country Energy	Narrabri 66	2254.40	0.00	0.8536	0.8536	0.0000	1.9960
Country Energy	Orange 132	165.09	0.00	0.3488	0.3488	0.0000	0.9821
Country Energy	Orange 66	3163.69	0.00	0.4323	0.4323	0.0000	1.0482
Country Energy	Panorama 66	2157.64	0.00	0.3752	0.3752	0.0000	0.8968
Country Energy	Parkes 132	213.97	0.00	0.4950	0.4950	0.0000	1.3016
Country Energy	Parkes 66	1751.73	0.00	0.6822	0.6822	0.0000	1.3738
Country Energy	Port Macquarie 33	2620.35	0.00	0.5619	0.5619	0.0000	1.3006
Country Energy	Queanbeyan 66	2431.93	0.00	0.3961	0.3961	0.0000	0.9607
Country Energy	Snowy Adit 132	0.00	0.00	1.8257	1.8257	0.0000	1.5431
Country Energy	Stroud 132	0.00	0.00	0.4257	0.4257	0.0000	0.8791
Country Energy	Tamworth 66	2683.06	0.00	0.2421	0.2421	0.0000	0.5393
Country Energy	Taree 33	2612.98	0.00	0.4531	0.4531	0.0000	1.0048
Country Energy	Taree 66	2101.92	0.00	0.4901	0.4901	0.0000	1.0756
Country Energy	Tenterfield 22	1508.86	0.00	0.7661	0.7661	0.0000	1.8631
Country Energy	Terranora 110	0.00	0.00	0.9562	0.9562	0.0000	1.5523
Country Energy	Tumut 66	2081.05	0.00	0.3477	0.3477	0.0000	0.7858
Country Energy	Wagga 330	421.92	0.00	0.4489	0.4489	0.0000	0.8655
Country Energy	Wagga 66	3095.45	0.00	0.3111	0.3111	0.0000	0.7524
Country Energy	Wallerawang 132	273.92	0.00	0.2678	0.2678	0.0000	0.5156
Country Energy	Wallerawang 66	311.61	0.00	0.2111	0.2111	0.0000	0.5077
Country Energy	Wellington 132	738.55	0.00	0.3965	0.3965	0.0000	0.9571
Country Energy	Wellington Tee 132	0.00	0.00	0.5490	0.5490	0.0000	1.0233
Country Energy	Yanco 33	2053.65	0.00	0.6160	0.6160	0.0000	1.4440
Country Energy	Yass 132	484.35	0.00	0.3200	0.3200	0.0000	0.6692
Country Energy	Yass 66	834.92	0.00	0.3200	0.3200	0.0000	0.6692
Energy Australia	957 Tee	0.00	0.00	0.2204	0.2204	0.0000	0.3919
Energy Australia	Beaconsfield W 132	938.59	0.00	0.3502	0.3502	0.0000	0.8326
Energy Australia	Beresfield 132kV	4067.96	0.00	0.1899	0.1899	0.0000	0.4414
Energy Australia	Bunnerong 33	14447.98	0.00	0.5351	0.5351	0.0000	1.4813
Energy Australia	Canterbury 33	6680.49	0.00	0.4034	0.4034	0.0000	1.0114
Energy Australia	Charm Haven 11	4065.42	0.00	0.1921	0.1921	0.0000	0.4125
Energy Australia	Chullora 132	1655.23	0.00	0.4819	0.4819	0.0000	1.1733
Energy Australia	Drummoyne 11	4625.15	0.00	1.2272	1.2272	0.0000	2.7577
Energy Australia	Gosford 33kV	1403.18	0.00	0.3427	0.3427	0.0000	0.6867
Energy Australia	Gosford 66kV	5260.83	0.00	0.3278	0.3278	0.0000	0.6657
Energy Australia	Green Square 11kV	7584.26	0.00	0.4359	0.4359	0.0000	1.0521
Energy Australia	Haymarket 132	8374.65	0.00	0.4347	0.4347	0.0000	1.0591
Energy Australia	Homebush Bay 11	2816.68	0.00	0.4293	0.4293	0.0000	0.9722
Energy Australia	Kurri 11	3780.40	0.00	0.2448	0.2448	0.0000	0.4839
Energy Australia	Kurri 132	0.00	0.00	0.2374	0.2374	0.0000	0.4533
Energy Australia	Kurri 66	2274.05	0.00	0.5384	0.5384	0.0000	1.0430
Energy Australia	Lane Cove 132	4640.09	0.00	0.4444	0.4444	0.0000	1.2040
Energy Australia	Liddell 330	0.00	0.00	0.0744	0.0744	0.0000	0.1568
Energy Australia	Macquarie Park 11	4534.81	0.00	0.8139	0.8139	0.0000	2.0385
Energy Australia	Marrickville 11	4920.07	0.00	0.3729	0.3729	0.0000	0.9535
Energy Australia	Mason Park 132	9635.76	0.00	0.3671	0.3671	0.0000	0.9628
Energy Australia	Meadowbank 11	4635.01	0.00	0.5592	0.5592	0.0000	1.3383
Energy Australia	Munmorah 132	0.00	0.00	0.2006	0.2006	0.0000	0.3923

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Energy Australia	Munmorah 330	0.00	0.00	0.1524	0.1524	0.0000	0.2987
Energy Australia	Muswellbrook 132	3419.82	0.00	0.1179	0.1179	0.0000	0.1836
Energy Australia	Newcastle 132	2176.29	0.00	0.1275	0.1275	0.0000	0.2880
Energy Australia	Ourimbah 33	3261.17	0.00	0.2571	0.2571	0.0000	0.5423
Energy Australia	Peakhurst 33	8462.97	0.00	0.2958	0.2958	0.0000	0.6917
Energy Australia	Pymont 132	0.00	0.00	0.5460	0.5460	0.0000	1.2627
Energy Australia	Pymont 33	10324.05	0.00	0.6783	0.6783	0.0000	1.7319
Energy Australia	Rozelle 33kV	1544.86	0.00	0.7072	0.7072	0.0000	1.8626
Energy Australia	Rozelle RAC 33kV	1544.86	0.00	1.4603	1.4603	0.0000	2.6028
Energy Australia	Somersby 132	2668.72	0.00	0.2497	0.2497	0.0000	0.5953
Energy Australia	St Peters 11	6447.36	0.00	0.3445	0.3445	0.0000	0.9102
Energy Australia	Sydney East 132	4529.62	0.00	0.2774	0.2774	0.0000	0.6771
Energy Australia	Sydney North 132	1591.44	0.00	0.4040	0.4040	0.0000	0.8292
Energy Australia	Sydney South 132	3026.31	0.00	0.2711	0.2711	0.0000	0.6082
Energy Australia	Tomago 33	3974.23	0.00	0.2468	0.2468	0.0000	0.5190
Energy Australia	Waratah West 132	1461.60	0.00	0.1882	0.1882	0.0000	0.4240
Energy Australia	Warrabrook 132	0.00	0.00	0.1882	0.1882	0.0000	0.4240
Energy Australia	West Gosford 132	3047.21	0.00	0.2437	0.2437	0.0000	0.5646
Energy Australia	Wyong 11	3924.39	0.00	0.2135	0.2135	0.0000	0.4872
Integral Energy	Dapto 132	12124.69	0.00	0.1779	0.1779	0.0000	0.4659
Integral Energy	Ilford 132	0.00	0.00	0.3290	0.3290	0.0000	0.6869
Integral Energy	Ingleburn 66	4924.62	0.00	0.1825	0.1825	0.0000	0.4281
Integral Energy	Liverpool 132	6848.62	0.00	0.1970	0.1970	0.0000	0.4129
Integral Energy	Marulan 132	1116.61	0.00	0.1722	0.1722	0.0000	0.4374
Integral Energy	Mt Piper 66	1936.36	0.00	0.2141	0.2141	0.0000	0.4824
Integral Energy	Regentville 132	4817.17	0.00	0.2071	0.2071	0.0000	0.4338
Integral Energy	Sydney North 132	447.76	0.00	0.4040	0.4040	0.0000	0.8292
Integral Energy	Sydney West 132	16617.60	0.00	0.1632	0.1632	0.0000	0.3808
Integral Energy	Vineyard 132	4816.16	0.00	0.1855	0.1855	0.0000	0.3961
Integral Energy	Wallerawang 132	711.61	0.00	0.2678	0.2678	0.0000	0.5156
Integral Energy	Wallerawang 66	1849.10	0.00	0.2111	0.2111	0.0000	0.5077

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Generator Charges

Generator	Name	Note	Entry Charge (\$/day)
Delta	Mt Piper	gen	1199.64
Delta	Mt Piper 132	aux	651.52
Delta	Munmorah	gen	1225.20
Delta	Munmorah	aux	815.77
Delta	Vales Point	gen	1233.54
Delta	Wallerawang		1173.36
Country Energy	Broken Hill		163.48
Ering Energy	Burrinjuck		170.79
Ering Energy	Ering	330 kV	1591.41
Ering Energy	Ering	500 kV	2599.13
Ering Energy	Hume		199.16
Ering Energy	Kangaroo valley		1771.13
Macquarie Generation	Bayswater		3184.09
Macquarie Generation	Barnard River	aux	407.62
Macquarie Generation	Liddell	gen	2762.04
Macquarie Generation	Liddell	aux	1008.10
Snowy Hydro	Snowy		12892.33

Notes

1. TransGrid's transmission network prices have been calculated in accordance with Chapter 6 of the National Electricity Rules. Prices have been calculated using the revenue caps set out in the decisions by the ACCC on 27 April 2005 for TransGrid and EnergyAustralia and by the AER on 3 March 2006 for the Directlink Joint Venture.
2. In accordance with its powers under the National Electricity Rules, the AER has adjusted TransGrid's revenue cap¹ for an error in the ACCC's 27 April 2005 revenue cap decision, and Energy Australia's transmission services revenue cap for a similar error in its revenue cap decision², as well as allowing two network support 'pass through' adjustments³ to TransGrid's 2005 decision. These pass through adjustments have been allowed following exacting assessments of the merits of the proposed network support arrangements by the AER and its expert advisers. The error corrections and 'pass through' adjustments have had a material 'one off' impact on the NSW transmission prices to apply in 2008-09. The 'pass through' adjustments primarily impact on the Common Service charge.
3. In accordance with the National Electricity Rules, NSW transmission prices have been 'discounted' each year to reflect proceeds paid by NEMMCO to TransGrid resulting from National Electricity Market operations. These proceeds arise from Settlement Residue Auctions and intra-regional trading settlement residues. In past years the transmission price discounts arising from the refund of these proceeds in the NSW region have been material and increasing. However, recent inter-regional settlement residue auction results have revealed much lower levels of proceeds for NSW for 2008-09. This trend is forecast to continue for the remaining auction results for 2008-09, possibly due to the removal of the Snowy region and expected changes in market conditions, such as the commissioning of new generators in NSW. As a result, the level of these discounts is expected to fall materially in 2008-09 compared with recent years. This has resulted in a material increase in the level of the General Charge in particular.
4. This schedule sets out charges for prescribed (regulated) transmission services only. Prices for negotiated and unregulated services are not included in this schedule.
5. Charges to customers comprise exit, usage, general and common service charges. Charges to generators comprise only entry (connection) charges.
6. Customers and generators are billed monthly in accordance with the provisions in their connection agreements.
7. **Exit Charges and Entry Charges:** Exit and entry charges are billed at a daily rate that is fixed for each customer or generator at each connection point. For each connection point the TransGrid assets providing exit or entry services were identified in accordance with the NEM Rules. The annual revenue requirement for those assets was then calculated as a fixed annual amount and converted to a daily rate.
8. **Usage Charge:** The Usage Charge at each connection point is based on the rates in the above schedule applied to the customer's energy use and demand during the billing period. Two rates apply – an energy price that is set at the same rate for peak and shoulder periods and a rate based on the maximum demand during the month, as follows:
 - **Energy (peak and shoulder) price:** The price is applied to the energy consumed in peak and shoulder periods with the peak period being between 07:00 – 09:00 and 17:00 – 20:00 on working weekdays and the shoulder period being between 09:00 – 17:00 and 20:00 – 22:00 on working weekdays. These times are set on Eastern Daylight Saving Time when daylight saving is in force as, on advice from NSW distributors, this more accurately reflects the higher demand period.

¹ Refer AER Decision Item No. 709219 dated 13 Feb 2007 on the AER's website (www.aer.gov.au).

² Refer AER Decision Item No. 716971 dated 21 Dec 2007 on the AER's website (www.aer.gov.au).

³ Refer AER Decision Item No. 717338 dated 24 Jan 08 and the AER's Statement of Reasons May 2008 on the AER's website (www.aer.gov.au).

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- Demand price: The price in the schedule for each connection point is applied to the maximum half hourly demand in the billing period at that point in order to bill the customer for that month.
- Fixed price: For some connection points where there are special circumstances a fixed price is applied as a daily rate.

9. **General Charge and Common Service Charge**: The General and Common Service prices are the same for every connection point in TransGrid's network.

The standard method for billing customers is to use their historical energy use, that is their energy use in the financial year two years prior to the billing period. The energy rate is multiplied by the total energy consumption in the equivalent billing period in 2006-07 to determine the monthly charge. Where there is a new connection point and energy consumption history is not available for the complete 2006-07 financial year, or where there are special circumstances and TransGrid has obtained specific approval from the AER, the energy consumption within the current billing period is to be used. TransGrid will advise customers where current data, rather than 2006-07 data is to be used.

Customers have the option of having the General and Common Service charges based on a nominated demand at a particular connection point, rather than on their historical energy consumption. Customers can only choose the demand basis if they have a contract with TransGrid that provides for nomination of the maximum demand and applies substantial penalties if the demand is exceeded. Where the charges are billed on the basis of nominated maximum demand, the monthly rate is applied to the nominated demand. If the customer's demand exceeds the nominated level, the penalty will be applied.

10. **Service Standards**. The service standards to which the transmission use of system prices apply are based on the following:

- TransGrid's objectives under the New South Wales State-Owned Corporations Act 1989 and its objectives and functions under the New South Wales Energy Services Corporations Act 1995.
- TransGrid's standards and the jurisdictional planning requirements set out in TransGrid's Network Management Plan (<http://www.transgrid.com.au/publications>)
- The ACCC's Decision on TransGrid's Transmission Network Revenue 2004-2009 dated 27 April 2005 (<http://www.accc.gov.au>). This decision sets out a performance incentive scheme for TransGrid's transmission network assets. The scheme places various percentages of TransGrid's regulated revenue at risk based on performance against six defined performance measures. TransGrid reports to the AER on these service measures at the end of each calendar year.