
2007/08 Transition Price List



Date of Issue: 7 May 2007
Date of Application: 1 July 2007

Document release information

Client	
Project name	
Document number	
Document title	2007/08 Transition Price List
Revision status	

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1 INTRODUCTION

This document details Western Power's transition tariffs for the 2007/08 financial year.

Transition tariffs are special prices available only to those customers using more than 8,760 MWh per year prior to July 2001. These customers may choose between these transition prices and reference services available under Western Power's Access Arrangement. Once customers have moved to a reference service they are no longer eligible for these transition network prices.

All listed prices are GST inclusive.

2 Transition Distribution Network Prices

2.1 Eligibility

This tariff is available to customers with maximum demands of greater than 1.0 MW average load, connected to the distribution network.

Note:

An additional excess network usage charge applies where actual peak demand exceeds the nominated CMD.

2.2 Demand Prices

Table 1 - High Voltage Network Charge - Maximum Demand 1000 to 7000 kVA

Pricing Zone	Demand Charge	
	Fixed Charge for first 1000 kVA (\$ per annum)	For kVA >1000 \$/kVA/annum)
CBD	60,732.10	3.472
Urban	60,732.10	0.920
Mining	60,732.10	12.834
Mixed	60,732.10	10.282
Rural	60,732.10	13.680

Table 2 - High Voltage Network Charge - Maximum Demand > 7000 kVA

Pricing Zone	Demand Charge	
	Fixed Charge for first 7000 kVA (\$ per annum)	For kVA >7000 (\$/kVA/annum)
CBD	81,564.10	0.708
Urban	66,252.10	0.571
Mining	137,736.10	1.207
Mixed	122,424.10	1.082
Rural	142,812.10	1.256

2.2.1 Low Voltage Network Charge

For customers connected to the distribution network at low voltage (415 volts or less) this charge is in addition to the Demand Prices.

Table 3 - Low Voltage Prices

	\$/annum
Fixed Price	1,367.19
Demand Price	15.69/kVA

2.3 Demand Length Prices

Table 4 - Maximum Demand 1000 to 7000 kVA

Pricing Zone	Demand-Length Charge	
	For first 10 km length (\$/kVA.km/annum)	For length in excess of 10 km (\$/kVA.km/annum)
CBD	0.000	0.000
Urban	2.538	1.780
Mining	1.093	0.758
Mixed	1.356	0.920
Rural	1.181	0.820

Table 5 - Maximum Demand > 7000 kVA

Pricing Zone	Demand-Length Charge	
	For first 10 km length (\$/kVA.km/annum)	For length in excess of 10 km (\$/kVA.km/annum)
CBD	0.000	0.000
Urban	2.165	1.506
Mining	0.920	0.634
Mixed	1.144	0.809
Rural	0.982	0.695

2.4 Metering Price

Separate Metering charges apply – refer to section 4.1, Transition Metering Charges.

2.5 Common Services Price

A separate Administration charge applies as follows:

Table 6

	\$/annum
Average Load Greater than 5 MW	13,310.76
Average Load Greater than 1 MW and Less than 5 MW	7,986.19

2.6 Excess Network Usage Charges

An additional charge applies where peak demand exceeds the nominated CMD – refer to section 6, Distribution Excess Network Usage Charge.

3 Transition Transmission Nodal Prices

3.1 Exit Points

3.1.1 Eligibility

These prices apply to loads connected to either the transmission or distribution network.

Notes:

1. Connection prices for loads connected directly to the transmission network at 66 kV or above are not published but are determined subject to the specific connection arrangements.
2. The Connection Price shown in the following table:
 - a. applies only to loads and generators connected either directly to the transmission network at less than 66 kV or to the distribution network; and
 - b. includes the Control System Services charge (refer to section 7, Control System Services Prices).
3. * Denotes the actual charge is to be determined subject to the specific connection arrangements
4. Transmission Node Identifiers (TNI) are included to uniquely identify zone substations. Each TNI meets the standard defined by NEMMCO for the WA Electrical Network.

3.1.2 Prices

Table 7

Substation	TNI	Connection Price (\$/kW pa) (See Notes 1 & 2)	Exit Use of System Price (\$/kW pa)	Common Service Price (\$/kW pa)	Total Price (\$/kW pa)
Albany	WALB	18.29	73.47	20.88	112.64
Amherst	WAMT	25.06	11.95	20.88	57.89
Arkana	WARK	10.91	21.62	20.88	53.41
Australian Fused Materials	WAFM	*	13.06	20.88	33.94
Australian Paper Mills	WAPM	17.18	23.67	20.88	61.73
Baandee	WBDE	175.85	168.77	20.88	365.50
Beechboro	WBCH	9.05	19.66	20.88	49.59
Beenup	WBNP	11.47	286.74	20.88	319.09
Belmont	WBEL	12.51	17.08	20.88	50.47
Black Flag	WBKF	14.83	66.97	20.88	102.68
Boddington (Local)	WBOD	208.75	9.01	20.88	238.64
Boddington Reynolds	WRBD	30.51	18.68	20.88	70.07
Boulder	WBLD	19.20	57.35	20.88	97.43
Bounty	WBNY	37.77	90.74	20.88	149.39
Bridgetown	WBTN	29.07	34.18	20.88	84.13
British Petroleum	WBPM	24.22	33.81	20.88	78.91
Broken Hill Kwinana	WBHK	*	39.36	20.88	60.24

Substation	TNI	Connection Price (\$/kW pa) (See Notes 1 & 2)	Exit Use of System Price (\$/kW pa)	Common Service Price (\$/kW pa)	Total Price (\$/kW pa)
Bunbury Harbour	WBUH	18.91	12.96	20.88	52.75
Burswood Island Casino	WBUR	*	41.69	20.88	62.57
Busselton	WBSN	22.33	39.33	20.88	82.54
Byford	WBYF	18.65	16.96	20.88	56.49
Canning Vale	WCVE	12.95	15.79	20.88	49.62
Capel	WCAP	44.09	31.23	20.88	96.20
Carrabin	WCAR	28.89	230.51	20.88	280.28
Cataby Kerr McGee	WKMC	*	8.98	20.88	29.86
Chapman	WCPN	30.75	21.34	20.88	72.97
Clarence Street	WCLN	21.00	28.28	20.88	70.16
Cockburn Cement	WCCT	18.49	10.57	20.88	49.94
Cockburn Cement Ltd	WCCL	*	10.57	20.88	31.45
Collie	WCOE	47.14	44.20	20.88	112.22
Collier	WCOL	12.79	30.88	20.88	64.55
Cook Street	WCKT	14.20	24.37	20.88	59.45
Coolup	WCLP	62.95	63.17	20.88	147.00
Cottesloe	WCOT	27.43	23.20	20.88	71.51
Cunderdin	WCUN	50.07	63.10	20.88	134.05
Darlington	WDTN	39.60	11.13	20.88	71.61
Edgewater	WEDG	*	29.88	20.88	50.76
Edmund Street	WEDD	20.59	21.63	20.88	63.10
Eneabba	WENB	32.02	52.76	20.88	105.66
Forrest Ave	WFRT	18.38	31.59	20.88	70.85
Forrestfield	WFFD	37.71	27.37	20.88	85.96
Geraldton	WGTM	9.37	71.31	20.88	101.56
Golden Grove	WGGV	*	115.42	20.88	136.30
Gosnells	WGSL	12.75	17.51	20.88	51.14
Hadfields	WHFS	15.10	23.75	20.88	59.73
Hay Street	WHAY	19.17	22.90	20.88	62.95
Herdsmen Parade	WHEP	40.34	29.51	20.88	90.73
Joel Terrace	WJTE	19.01	27.76	20.88	67.65
Kalamunda	WKDA	18.72	18.38	20.88	57.98
Katanning	WKAT	64.53	43.08	20.88	128.49
Kellerberrin	WKEL	124.88	144.53	20.88	290.29
Kojonup	WKOJ	249.58	53.85	20.88	324.31
Kondinin Local	WKDN	82.94	15.29	20.88	119.11
Kwinana Alcoa	WAKW	*	12.05	20.88	32.93
Kwinana Power Partnership	WKPP	*	14.32	20.88	35.20
Landsdale	WLDE	25.06	19.56	20.88	65.50
Malaga	WMLG	25.06	21.62	20.88	67.56
Mandurah	WMHA	24.54	14.01	20.88	59.43
Manjimup	WMJP	39.13	68.04	20.88	128.05
Manning Street	WMAG	24.98	19.86	20.88	65.72
Margaret River	WMRV	42.47	37.64	20.88	100.99
Marriott Road Barrack Silicon Smelter	WBSI	*	14.60	20.88	35.48

Substation	TNI	Connection Price (\$/kW pa) (See Notes 1 & 2)	Exit Use of System Price (\$/kW pa)	Common Service Price (\$/kW pa)	Total Price (\$/kW pa)
Marriott Road Local	WLMR	20.72	15.11	20.88	56.71
Mason Road (local)	WMSR	25.06	20.33	20.88	66.27
Mason Road CSBP	WCBP	*	15.55	20.88	36.43
Mason Road Hismelt	WHIS	*	4.79	20.88	25.67
Mason Road Kerr McGee	WKMK	*	20.33	20.88	41.21
Medical Centre	WMCR	26.85	30.11	20.88	77.84
Medina	WMED	28.53	15.02	20.88	64.43
Merredin 66kV	WMER	43.88	168.77	20.88	233.53
Midland Junction	WMJX	13.61	26.55	20.88	61.04
Milligan Street	WMIL	21.07	33.04	20.88	74.99
Moora	WMOR	62.56	50.28	20.88	133.72
Morley	WMOY	22.53	25.51	20.88	68.92
Mt Barker	WMBR	25.06	73.47	20.88	119.41
Muchea Kerr McGee	WKMM	*	25.93	20.88	46.81
Muchea Local	WLMC	39.64	6.14	20.88	66.66
Mullaloo	WMUL	13.11	19.56	20.88	53.55
Mundaring Weir	WMWR	96.62	30.33	20.88	147.83
Myaree	WMYR	14.70	27.23	20.88	62.81
Narrogin	WNGN	56.42	9.81	20.88	87.11
Nedlands	WNED	28.45	26.85	20.88	76.18
North Beach	WNBH	13.32	19.82	20.88	54.02
North Fremantle	WNFL	29.68	26.09	20.88	76.65
North Perth	WNPH	13.70	28.97	20.88	63.55
Northam 66kV	WNOR	21.04	67.31	20.88	109.23
O'Connor	WOCN	12.05	19.68	20.88	52.61
Osborne Park	WOPK	14.80	26.40	20.88	62.08
Piccadilly	WPCY	28.72	42.58	20.88	92.18
Picton 66	WPIC	13.23	17.05	20.88	51.16
Pinjarra	WPNJ	36.83	5.70	20.88	63.41
Pinjarra ALCOA	WAPJ	*	5.68	20.88	26.56
Regans	WRGN	25.06	8.98	20.88	54.92
Riverton	WRTN	10.47	14.42	20.88	45.77
Rivervale	WRVL	42.34	36.84	20.88	100.06
Rockingham	WROH	11.59	18.54	20.88	51.01
Sawyers Valley	WSVL	55.11	37.57	20.88	113.56
Shenton Park	WSPA	24.92	25.55	20.88	71.35
South Fremantle 66kV	WSFT	48.31	11.95	20.88	81.14
Southern Cross	WSNX	83.95	46.89	20.88	151.72
Summer St	WSUM	*	39.12	20.88	60.00
Tate Street	WTTS	12.84	28.33	20.88	62.05
Three Springs	WTSG	84.91	35.30	20.88	141.09
Tomlinson Street	WTLN	*	53.26	20.88	74.14
University	WUNI	31.53	30.02	20.88	82.43
Victoria Park	WVPA	230.48	28.83	20.88	280.19
Wagerup	WWGP	28.75	7.65	20.88	57.28
Wagin	WWAG	170.15	127.74	20.88	318.77
Wanneroo	WWNO	5.13	19.56	20.88	45.57

Substation	TNI	Connection Price (\$/kW pa) (See Notes 1 & 2)	Exit Use of System Price (\$/kW pa)	Common Service Price (\$/kW pa)	Total Price (\$/kW pa)
WEB Grating	WWEB	*	29.69	20.88	50.57
Wellington Street	WWNT	27.13	39.56	20.88	87.57
Welshpool	WWEL	10.16	17.16	20.88	48.20
Wembley Downs	WWDN	20.63	18.37	20.88	59.88
West Kalgoorlie	WWKT	18.45	17.38	20.88	56.71
Western Collieries	WWCL	*	8.22	20.88	29.10
Western Mining	WWMG	*	9.55	20.88	30.43
Westralian Sands	WWSD	*	31.19	20.88	52.07
Worsley	WWOR	*	9.83	20.88	30.71
Wundowie	WWUN	46.44	35.46	20.88	102.78
Yanchep	WYCP	23.51	13.12	20.88	57.51
Yerbillon	WYER	2,890.75	320.14	20.88	3,231.77
Yilgarn	WYLN	51.14	35.93	20.88	107.95
Yokine	WYKE	18.71	22.79	20.88	62.38

3.1.3 Metering Charges

Separate Metering charges apply – refer to section 4.1, Transition Metering Charges.

3.1.4 Excess Network Usage Charges

An additional charge applies where peak demand exceeds the nominated CMD – refer to section 5, Transmission Excess Network Usage Charge.

3.2 Entry Points

3.2.1 Eligibility

These prices apply to all generators, connected to either the transmission network or distribution network.

Notes:

1. The Total Connection Charge shown in the following table
 - a. is used to calculate the connection charge for generators connected to the transmission network at 66 kV or greater; and
 - b. includes the Control System Services charge (refer to section 7, Control System Services Prices).
2. The connection charge for generators connected to either the transmission low voltage network (at less than 66 kV) or distribution network uses the Connection Price as shown in section 3.1.2, Exit Points.
3. * Denotes the charge is not published but is determined subject to the specific connection arrangements.

4. Transmission Node Identifiers (TNI) are included to uniquely identify zone substations. Each TNI meets the standard defined by NEMMCO for the WA Electrical Network.

3.2.2 Prices

Table 8

Substation	TNI	Total Connection Charge (\$k pa) (Refer Notes 1 & 2)	Entry Use of System Price (\$/kW pa)
Boulder	WBLD	*	3.08
Collie	WCPS	*	13.39
Geraldton	WGTM	131.64	10.67
Kwinana Power Partnership	WKPP	*	8.87
Kwinana	WKPS	1,292.34	8.87
Muja	WMPS	2,497.90	13.39
Mungarra	WMGA	419.21	10.67
Pinjar	WPJR	1,409.13	8.00
Pinjarra Alcoa	WAPJ	*	8.87
Tiwest	WKMK	*	8.87
Wagerup	WWGP	*	13.39
West Kalgoorlie	WWKT	324.78	3.08
Worsley	WWOR	*	13.39

3.2.3 Metering Charges

Separate Metering charges apply – refer to section 4.1, Transition Metering Charges.

3.2.4 Excess Network Usage Charges

An additional charge applies where peak demand exceeds the nominated CMD – refer to section 5, Transmission Excess Network Usage Charge.

4 Other Network Charges

4.1 Transition Metering Prices

Table 9 - Metering charges for distribution connections

Metering Equipment Funding	Voltage	\$/metering unit/annum
Western Power Funded	High Voltage	6,984.18
	Low voltage	1,137.17
Customer Funded	High Voltage	4,854.09
	Low Voltage	545.83

Metering charge for transmission connections is \$6,716.45 /metering unit /annum

4.2 Lodgement and Billing Charges

4.2.1 Lodgement Fees

Table 10

New Standard Access Contract	\$1,260.00
Add Connection Point Fee	\$250.00 per new connection point
Access Contract Modification Fee	\$150.00 per modification

4.2.2 Billing Fees

Table 11

Billing fee	\$367.20/month
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5 Transmission Excess Network Usage Charge

An additional charge applies where the peak half-hourly demand exceeds the nominated CMD during the billing period.

The excess network usage charge (ENUC) is calculated by applying a factor to the excess usage as follows:

$$\text{ENUC} = \text{ENUM} * (\text{PD} - \text{CMD}) * (\text{UOS} + \text{CON} + \text{CS}) / \text{CMD}$$

Where

ENUM	is the Excess Energy Multiplier factor, which is set at 2
PD	is the peak half-hourly demand during the billing period of the load (expressed in kW)
CMD	is the nominated CMD for the billing period of the load (expressed in kW)
UOS	is the applicable variable use of system charge for the billing period for the nominated CMD
CON	is the applicable connection charge for the billing period for the nominated CMD
CS	is the applicable variable common service charge for the billing period for the nominated CMD

Notes

The charge does not include the metering component of the tariff.

6 Distribution Excess Network Usage Charge

An additional charge applies where the peak half-hourly demand exceeds the nominated CMD during the billing period.

The excess network usage charge (ENUC) is calculated by applying a factor to the excess usage as follows:

$$\text{ENUC} = \text{ENUM} * (\text{PD} - \text{CMD}) * (\text{DC} + \text{DLC}) / \text{CMD}$$

Where

ENUM	is the Excess Energy Multiplier factor, which is set at 2
PD	is the peak half-hourly demand during the billing period of the load (expressed in kVA)
CMD	is the nominated CMD for the billing period of the load (expressed in kVA)
DC	are the applicable sum of the fixed and variable demand charges for the billing period for the nominated CMD
DLC	are the applicable variable demand length charges for the billing period for the nominated CMD

Notes

The charge does not include the metering or administration components of the tariff.

7 Control System Service Prices

The Control System Service charge is included in the Transmission Exit Point Connection Price and Entry Point Total Connection Charge – refer sections 3.1.2 and 3.2.2. A separate Control System Service price does not apply.