

Western Power Networks
Price Schedule C5

Standard Network Tariffs & Prices
for the
Regional Networks
2003/2004

WESTERN POWER NETWORKS PRICING PUBLICATIONS

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FOR THE SOUTH WEST INTERCONNECTED SYSTEM
2003/2004
(Standby generation, spinning reserve and balancing energy services)

PURPOSE OF THIS DOCUMENT

This document provides *network access prices*, *ancillary service prices* and *network loss factors* for the 2003/2004 financial year for the Regional non-interconnected networks.

All listed prices are **GST exclusive**.

CONTENTS

Network Tariffs

Six network tariffs are available to customers with loads connected to the distribution network:

1. Anytime Energy (Small)
2. Anytime Energy (Large)
3. High Voltage Contract Maximum Demand
4. Low Voltage Contract Maximum Demand
5. Streetlighting
6. Unmetered Supplies

Note: Network use of system charges do not apply to generators in Regional networks.

Other Network Prices

7. Metering Prices
8. Energy Balancing Service Charge
9. Distribution Excess Network Usage Factor

Ancillary Service Prices

Loss Factors

10. Distribution Loss Factors

NETWORK TARIFFS

1. Anytime Energy Tariff (Small)

Eligibility:

This tariff is available to all residential customers.

Prices:

	Fixed \$/annum	Anytime Energy c/kWh	Distribution Loss Factor
Distribution	75	6.80	1.0980

Metering Charges

Inclusive in above prices

Administration Charges

Inclusive in above prices

Distribution Loss Factor

See above table

3. Anytime Energy Tariff (Large)

Eligibility:

This tariff is available to all business customers with energy (non-demand) metering.

Prices:

	Fixed \$/annum	Anytime Energy c/kWh	Distribution Loss Factor
Distribution	75	5.00	1.0980

Metering Charges

Inclusive in above prices

Administration Charges

Inclusive in above prices

Distribution Loss Factor

See above table

3. High Voltage Contract Maximum Demand Tariff

Eligibility:

This tariff is available to customers with demand metering connected to the network at high voltage (6.6 kV or higher).

Use of Network Price:

The charge is based on the contract maximum demand (kVA).

Fixed Price	\$300 per annum
Demand Price	\$73.80 per kVA per annum
Distribution Loss Factor	1.0372

Metering Charges

Separate Metering charges apply in conjunction with this tariff – refer to section 7, Metering Charges.

Administration Charges

Inclusive in the above prices.

Distribution Loss Factor

See above table

Excess Network Usage Charges

An additional charge applies in conjunction with this tariff where peak demand exceeds the nominated CMD – refer to section 9, Distribution Excess Network Usage Factor.

4. Low Voltage Contract Maximum Demand Tariff

Eligibility:

This tariff is available to customers with demand metering connected to the network at low voltage (415 volts).

Use of Network Price:

The charge is based on the contract maximum demand (kVA).

Fixed Price	\$300 per annum
Demand Price	\$120.26 per kVA per annum
Distribution Loss Factor	1.0980

Metering Charges

Separate Metering charges apply in conjunction with this tariff – refer to section 7, Metering Charges.

Administration Charges

Inclusive in the above prices.

Distribution Loss Factor

See above table

Excess Network Usage Charges

An additional charge applies in conjunction with this tariff where peak demand exceeds the nominated CMD – refer to section 9, Distribution Excess Network Usage Factor.

5. Street Lighting

Eligibility:

These prices apply to Western Power streetlights.

Network Use of System Prices:

	Fixed \$/annum	Anytime Energy c/kWh	Distribution Loss Factor
Distribution	6.5	2.68	1.0980

Asset Prices:

Light Specification	Annual Charge \$/annum
50W MV	\$27.50
70W HPS	\$38.00
80W MV	\$37.00
125W MV	\$46.00
150W HPS	\$50.00
250W HPS	\$50.00
250W MV	\$60.00
400W MV	\$63.00

6. Unmetered Supplies

These prices apply to unmetered supplies.

	Fixed \$/annum	Anytime Energy c/kWh	Distribution Loss Factor
Distribution	40	2.81	1.0980

OTHER NETWORK CHARGES

7. Metering Charges

Metering charges apply to the following tariffs:

- HV CMD
- LV CMD

		\$/metering unit/annum
Existing	High Voltage	\$2,000
	Low voltage	\$375
New (Capital fully funded by customer)	High Voltage	\$260
	Low Voltage	\$50

8. Energy Balancing Service Charges

Account set-up fee	\$2,150
Account modification fee (per modification)	\$430
Linked account modification fee [1]	\$215
Billing fee	\$320/month
System maintenance fee [2]	\$80/MW/month

Notes:

- [1] Linked accounts occur where there is an arrangement to share out-of-balance energies. The total fee payable where there are linked accounts is \$430 for the prime account and \$215 for each “linked” account. The fees are independent of the number of meters.
- [2] The monthly System Maintenance fee is based on the total of the highest monthly DSOC at each entry point for the month.

9. Distribution Excess Network Usage Factor

(refer Electricity Distribution Regulations clause 26)

The excess network usage factor is 1.5.

This applies only to the following tariffs:

- High Voltage Contract Maximum Demand
- Low Voltage Contract Maximum Demand

ANCILLARY SERVICE PRICES

There are no ancillary service prices published for Regional networks.

However, ancillary services such as standby generation, spinning reserve and balancing energy will be required where more than one generator is connected to a particular Regional network. Prices for these services will need to be determined on a commercial basis, as required.

LOSS FACTORS

10. Distribution Loss Factors

Load Connections

A system average distribution loss factor applies to all load connections, as shown above in the tariff tables, and as follows:

High voltage connection	1.0372
Low voltage connection	1.0980

Generator Connections

Loss factors for all generator connections are assigned as 1.0000.