2011/12 Price List

ELECTRICITY NETWORKS CORPORATION

("WESTERN POWER")

ABN 18 540 492 861

Date of Issue: 28 April 2011
Date of Application 1 July 2011

The prices set out in the Price List are only available to bodies corporate

The prices set out in the Price List are *GST exclusive* and are only offered to bodies corporate on a business-to-business basis. GST may be payable in accordance with applicable GST laws.

Individuals are not usually entitled to use the reference tariffs set out in this Price List. Individuals are welcome to apply to Western Power, in writing, for a *GST inclusive* Price List, if required. Individual consumers should seek tariff information from their retailer.

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1 INTRODUCTION

This document details Western Power's Price List. For the purpose of section 5.1(f) of the *Electricity Networks Access Code 2004* this document forms part of Western Power's Access Arrangement.

This Price List is for the pricing year commencing on 1 July 2011 and ending on 30 June 2012.

For the avoidance of doubt, the prices within this Price List will apply to all consumption during the pricing year. Where consumption is metered with an accumulation meter and the meter reading interval causes some of the metered consumption to lie within the pricing year covered by this price list and the remainder within a previous or subsequent pricing year not covered by this price list, the consumption covered by this price list will be determined by prorating the metered consumption uniformly on a daily basis.

Section 2 lists the reference tariffs for the reference services provided by Western Power as stated in the company's access arrangement.

Sections 3 and 4 detail the reference tariffs, which are based on a number of components. The total charge payable by users under each reference tariff represents the sum of the amounts payable for each component within the relevant reference tariff.

Section 5 details all of the prices that are required to calculate the charges.

Included in section 6 are fees that are referred to in the Applications and Queuing Policy and the Standard Access Contract. Western Power treats these as non-reference services but notes that the list of non-reference service tariffs included in section 6 does not include tariffs for all non-reference services provided by Western Power.

2 REFERENCE SERVICES

The following table details which reference tariff is applicable to each of the reference services.

Reference Service	Reference Tariff
A1 – Anytime Energy (Residential) Exit Service	RT1
A2 – Anytime Energy (Business) Exit Service	RT2
A3 – Time of Use Energy (Residential) Exit Service	RT3
A4 – Time of Use Energy (Business) Exit Service	RT4
A5 – High Voltage Metered Demand Exit Service	RT5
A6 – Low Voltage Metered Demand Exit Service	RT6
A7 – High Voltage Contract Maximum Demand Exit Service	RT7
A8 – Low Voltage Contract Maximum Demand Exit Service	RT8
A9 – Streetlighting Exit Service	RT9
A10 – Un-Metered Supplies Exit Service	RT10
A11 – Transmission Exit Service	TRT1
B1 – Distribution Entry Service	RT11
B2 – Transmission Entry Service	TRT2
C1 – Time of Use (Residential) Bidirectional Service	RT12

3 DISTRIBUTION TARIFF APPLICATION GUIDE

Within this price list the transmission and distribution components of the bundled charges are published, where applicable. The bundled charge is applicable when calculating the charge for the reference tariff, unless otherwise indicated.

For the avoidance of doubt, the bundled charge is the sum of the distribution and transmission components of the charge.

3.1 Reference Tariff 1 – 2 (RT1 – RT2)

Reference Tariffs RT1 & RT2 consist of:

(a) a fixed use of system charge (detailed in Table 1) which is payable each day;

(b) a variable use of system charge calculated by multiplying the energy price (detailed in Table 1) by the quantity of electricity consumed at an exit point (expressed in kWh);

(c) a fixed metering charge per revenue meter (detailed in Table 13) which is payable each day; and

(d) a variable metering charge calculated by multiplying the variable price (detailed in Table 13) by the quantity of electricity consumed at an exit point (expressed in kWh).

3.2 Reference Tariff 3 – 4 (RT3 – RT4)

Reference Tariffs RT3 & RT4 consist of:

(a) a fixed use of system charge (detailed in Table 1) which is payable each day;

(b) an on-peak use of system variable charge calculated by multiplying the on-peak energy price (detailed in Table 1) by the quantity of on-peak electricity consumed at an exit point (expressed in kWh);

(c) an off-peak use of system variable charge calculated by multiplying the off-peak energy price (detailed in Table 1) by the quantity of off-peak electricity consumed at an exit point (expressed in kWh);

(d) a fixed metering charge per revenue meter (detailed in Table 13) which is payable each day;

(e) an on-peak variable metering charge calculated by multiplying the on-peak variable price (detailed in Table 13) by the quantity of on-peak electricity consumed at an exit point (expressed in kWh); and

(f) an off-peak variable metering charge calculated by multiplying the off-peak variable price (detailed in Table 13) by the quantity of off-peak electricity consumed at an exit point (expressed in kWh).

Notes:

1. The on and off peak periods for these tariffs are defined in the following table (all times are Western Standard Time (WST)):

	Monday – Friday (includes public holidays)			Saturday - Sunday
	Off-peak	**On-Peak**	**Off-Peak**	**Off-Peak**
RT3	12:00am – 7:00am	7:00am – 9:00pm	9:00pm – 12:00am	All times
RT4	12:00am – 8:00am	8:00am – 10:00pm	10:00pm – 12:00am	All times

3.3 Reference Tariff 5 (RT5)

3.3.1 Tariff Calculation

Reference Tariff RT5 consists of:

(a) a fixed metered demand charge (detailed in Table 6) which is payable each day based on the rolling 12-month maximum half-hourly demand at an exit point (expressed in kVA) multiplied by (1-Discount);

(b) a variable metered demand charge calculated by multiplying the demand price (in excess of the lower threshold and detailed in Table 6) by the rolling 12-month maximum half-hourly demand at an exit point (expressed in kVA) minus the lower threshold with the result multiplied by (1-Discount);

(c) if the metered demand is greater than 1,000 kVA a variable demand length charge calculated by multiplying the demand length price (detailed in Table 9) by the electrical distance to the zone substation by the rolling 12-month maximum half-hourly demand (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km); and

(d) a fixed metering charge per revenue meter (detailed in Table 14) which is payable each day.

Notes:

1. The on and off peak periods for this tariff are defined in the following table (all times are Western Standard Time (WST)):

Monday – Friday (includes public holidays)			Saturday - Sunday
Off-peak	**On-Peak**	**Off-Peak**	**Off-Peak**
12:00am – 8:00am	8:00am – 10:00pm	10:00pm – 12:00am	All times

3.3.2 Discount Factor

A discount, based on the percentage of off peak energy consumption (as a proportion of the total energy consumption), applies to this tariff.

The Discount is defined as:

For MD < 1,000 kVA	$(E_{Off\ Peak}/E_{Total}) * DF$
For 1,000 <= MD <1,500 kVA	$((1500 - MD)/500) * (E_{Off\ Peak}/E_{Total}) * DF$
For MD => 1,500 kVA	0

Where:

MD	is the rolling 12-month maximum half-hourly demand at an exit point (expressed in kVA);
DF	is the discount factor, which is set at 50%
$E_{Off\ Peak}$	is the total off peak energy for the billing period (expressed in kWh); and

E_{Total} is the total energy (both on and off peak) for the billing period (expressed in kWh).

Notes:

1. This discount does not apply to the demand-length portion of the charge.

3.4 Reference Tariff 6 (RT6)

3.4.1 Tariff Calculation

Reference Tariff RT6 consists of:

(a) a fixed metered demand charge (detailed in Table 7) which is payable each day based on the rolling 12-month maximum half-hourly demand at an exit point (expressed in kVA) multiplied by (1-Discount);

(b) a variable metered demand charge (detailed in Table 7) calculated by multiplying the demand price (in excess of lower threshold) by the rolling 12-month maximum half-hourly demand at an exit point (expressed in kVA) minus the lower threshold with the result multiplied by (1-Discount);

(c) if the metered demand is equal to or greater than 1,000 kVA a variable demand length charge calculated by multiplying the demand length price (detailed in Table 9) by the electrical distance to the zone substation by the rolling 12-month maximum half-hourly demand (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km); and

(d) a fixed metering charge per revenue meter (detailed in Table 14) which is payable each day

Notes:

1. This tariff is similar to Reference Tariff 5 - (RT5) in section 3.3 but for customers connected at low voltage. The higher tariff rates reflect the additional cost of using the low voltage network.
2. The on and off peak periods for this tariff are defined in the following table (all times are Western Standard Time (WST)):

Monday – Friday (includes public holidays)			Saturday - Sunday
Off-peak	**On-Peak**	**Off-Peak**	**Off-Peak**
12:00am – 8:00am	8:00am – 10:00pm	10:00pm – 12:00am	All times

3.4.2 Discount Factor

Identical to Reference Tariff 5 - (RT5) detailed in section 3.3.2.

3.5 Reference Tariff 7 (RT7)

3.5.1 Tariff Calculation

Reference Tariff RT7 consists of:

(a) If the contracted maximum demand (CMD) is less than 7,000 kVA:

i. a fixed demand charge for the first 1,000 kVA (detailed in Table 8) which is payable each day; plus

ii. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 8) by the CMD at an exit point (expressed in kVA) minus 1,000 kVA; plus

iii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 9) by the electrical distance to the zone substation by the CMD (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);

(b) If the CMD is equal to or greater than 7,000 kVA:

i. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 8) by the CMD at an exit point (expressed in kVA); plus

ii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 10) by the electrical distance to the zone substation by the CMD (expressed in kVA) (Note: a different rate applies after 10 km);

(c) a fixed metering charge per revenue meter (detailed in Table 14) which is payable each day;

(d) a fixed administration charge (detailed in Table 16) which is payable each day; and

(e) excess network usage charges (if applicable).

Notes:

1. For exit points located at the zone substation the fixed and demand charge specified in sections 3.5.1 (a)(i), (a)(ii) & (b)(i) is to be calculated using the transmission component only. In all other instances, the fixed and demand charge specified in sections 3.5.1 (a)(i), (a)(ii) & (b)(i) is to be calculated using the bundled charge.

3.5.2 Excess Network Usage Charges

An additional charge applies to this tariff where the peak half-hourly demand exceeds the nominated CMD during the billing period of the load.

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

$$ENUC = ENUC_{Transmission} + ENUC_{Distribution}$$

Where

$$ENUC_{Transmission} = ENUM * (PD – CMD) * DC_{Transmission} / CMD$$

$ENUC_{Distribution}$	= ENUM * (PD – CMD) * ($DC_{Distribution}$ + DLC) / CMD
ENUM	is the Excess network usage 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)
$DC_{Transmission}$	are the applicable transmission components of the fixed and variable demand charges for the billing period for the nominated CMD
$DC_{Distribution}$	are the applicable distribution components 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:

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

3.6 Reference Tariff 8 (RT8)

3.6.1 Tariff Calculation

Reference Tariff RT8 consists of:

(a) If the contracted maximum demand (CMD) is less than 7,000 kVA:

i. a fixed demand charge for the first 1,000 kVA (detailed in Table 8) which is payable each day; plus

ii. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 8) by the CMD at an exit point (expressed in kVA) minus 1,000 kVA; plus

iii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 9) by the electrical distance to the zone substation by the CMD (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);

(b) If the CMD is equal to or greater than 7,000 kVA:

i. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 8) by the CMD at an exit point (expressed in kVA); plus

ii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 10) by the electrical distance to the zone substation by the CMD (expressed in kVA) (Note: a different rate applies after 10 km);

(c) a fixed low voltage charge (detailed in Table 17) which is payable each day;

(d) a variable low voltage charge calculated by multiplying the low voltage demand price (detailed in Table 17) by the contracted maximum demand at an exit point (expressed in kVA);

(e) a fixed metering charge per revenue meter (detailed in Table 14) which is payable each day;

(f) a fixed administration charge (detailed in Table 16) which is payable each day; and

(g) excess network usage charges (if applicable).

Notes:

1. This tariff is identical to the Reference Tariff 7 - (RT7) in section 3.5, with an additional low voltage charge to cover the use of transformers and LV circuits.

3.6.2 Excess Network Usage Charges

An additional charge applies to this tariff where the peak half-hourly demand exceeds the nominated CMD during the billing period of the load.

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

$$ENUC = ENUC_{Transmission} + ENUC_{Distribution}$$

Where

$ENUC_{Transmission}$ = ENUM * (PD – CMD) * $DC_{Transmission}$ / CMD

$ENUC_{Distribution}$ = ENUM * (PD – CMD) * ($DC_{Distribution}$ + DLC + LVC) / CMD

ENUM is the Excess network usage 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)

$DC_{Transmission}$ are the applicable transmission components of the fixed and variable demand charges for the billing period for the nominated CMD

$DC_{Distribution}$ are the applicable distribution components 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

LVC are the applicable additional fixed and additional demand (low voltage) charges for the billing period for the nominated CMD

Notes:

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

3.7 Reference Tariff 9 (RT9)

Reference Tariff RT9 consists of:

(a) a fixed use of system charge (detailed in Table 1) which is payable each day;

(b) a variable use of system charge calculated by multiplying the energy price (detailed in Table 1) by the estimated quantity of electricity consumed at an exit point (expressed in kWh and is based on the lamp wattage and illumination period); and

(c) a fixed asset charge based on the type of streetlight asset supplied (detailed in Table 18).

3.8 Reference Tariff 10 (RT10)

Reference Tariff RT10 consists of:

(a) a fixed use of system charge (detailed in Table 1) which is payable each day; and

(b) a variable use of system charge calculated by multiplying the energy price (detailed in Table 1) by the estimated quantity of electricity consumed at an exit point (expressed in kWh and based on the nameplate rating of the connected equipment and the hours of operation).

3.9 Reference Tariff 11 (RT11)

3.9.1 Tariff Calculation

Reference Tariff RT11 consists of:

(a) a variable connection charge calculated by multiplying the connection price (detailed in Table 4) by the loss-factor adjusted declared sent-out capacity (DSOC) at the entry point (expressed in kW);

(b) a variable control system service charge calculated by multiplying the control system service price (detailed in Table 11) by the nameplate output of the generator at the entry point (expressed in kW);

(c) a variable use of system charge calculated by multiplying the use of system price (based on the location of the electrically closest major generator and detailed in Table 3) by the loss-factor adjusted DSOC at the entry point (expressed in kW);

(d) If the DSOC is less than 7,000 kVA:

   i. if the entry point is connected at 415 V or less and the DSOC is equal to or greater than 1,000 kVA a variable demand length charge calculated by multiplying the applicable demand length price (detailed in Table 9) by the electrical distance between the relevant HV network connection point and the electrically closest zone substation by the DSOC (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km); or

ii. if the entry point is connected at greater than 415 V and the DSOC is equal to or greater than 1,000 kVA a variable demand length charge calculated by multiplying the applicable demand length price (detailed in Table 9) by the electrical distance between the entry point and the electrically closest zone substation by the DSOC (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);

(e) If the DSOC is equal to or greater than 7,000 kVA:

i. if the entry point is connected at 415 V or less a variable demand length charge calculated by multiplying the applicable demand length price (detailed in Table 10) by the electrical distance between the relevant HV network connection point and the electrically closest zone substation by the DSOC (expressed in kVA) (Note: a different rate applies after 10 km); or

ii. if the entry point is connected at greater than 415 V a variable demand length charge calculated by multiplying the applicable demand length price (detailed in Table 10) by the electrical distance between the entry point and the electrically closest zone substation by the DSOC (expressed in kVA) (Note: a different rate applies after 10 km);

(f) a fixed metering charge per revenue meter (detailed in Table 14) which is payable each day; and

(g) excess network usage charges (if applicable).

Notes:

1. The loss factor used to calculate the loss-factor adjusted DSOC is the relevant portion from the generator to the zone substation of the loss factor published by the IMO for that generator.
2. For this reference tariff a unity power factor is assumed when converting between kW and kVA.

3.9.2 Excess Network Usage Charges

An additional charge applies to this tariff where the peak half-hourly demand exceeds the nominated DSOC during the billing period.

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

$$ENUC = ENUC_{Transmission} + ENUC_{Distribution}$$

Where

$ENUC_{Transmission}$ $= ENUM * (PD_{kW} – DSOC_{kW}) * TEPC / DSOC_{kW}$

$ENUC_{Distribution}$ $= ENUM * (PD_{kVA} – DSOC_{kVA}) * (DLC) / DSOC_{kVA}$

ENUM is the Excess network usage multiplier factor, which is set at 2

PD is the peak half-hourly demand during the billing period (expressed in kVA and kW)

DSOC is the nominated DSOC for the billing period (expressed in kVA and kW)

TEPC is the sum of the variable connection charge, variable control system service charge and variable use of system charge for the billing period for the nominated DSOC

DLC is the applicable variable demand length charge for the billing period for the nominated DSOC

Notes:

1. The ENUC charge does not include the metering components of the tariff.

3.10 Reference Tariff 12 (RT12)

Reference Tariff RT12 consists of:

(a) a fixed use of system charge (detailed in Table 1) which is payable each day;

(b) an on-peak use of system variable charge calculated by multiplying the on-peak energy price (detailed in Table 1) by the quantity of on-peak electricity transferred out of the network at the bi-directional point (expressed in kWh);

(c) a shoulder use of system variable charge calculated by multiplying the shoulder energy price (detailed in Table 1) by the quantity of shoulder electricity transferred out of the network at the bi-directional point (expressed in kWh);

(d) an off-peak use of system variable charge calculated by multiplying the off-peak energy price (detailed in Table 1) by the quantity of off-peak electricity transferred out of the network at the bi-directional point (expressed in kWh);

(e) a fixed metering charge per revenue meter (detailed in Table 13) which is payable each day;

(f) an on-peak variable metering charge calculated by multiplying the on-peak variable price (detailed in Table 13) by the quantity of on-peak electricity transferred out of the network at the bi-directional point (expressed in kWh);

(g) a shoulder variable metering charge calculated by multiplying the shoulder variable price (detailed in Table 13) by the quantity of shoulder electricity transferred out of the network at the bi-directional point (expressed in kWh); and

(h) an off-peak variable metering charge calculated by multiplying the off-peak variable price (detailed in Table 13) by the quantity of off-peak electricity transferred out of the network at the bi-directional point (expressed in kWh)

Notes:

1. For the avoidance of doubt, the RT12 tariff only applies to the quantity of energy that is transferred out of the network. Under the RT12 tariff, energy that is transferred into the network does not provide a credit to, or impose a charge on, the user or Western Power.

2. The on peak, shoulder and off peak periods for this tariff are defined in the following tables (all times are Western Standard Time (WST)):

Monday – Friday (excludes public holidays)				
Off-peak	**Shoulder**	**On-Peak**	**Shoulder**	**Off-Peak**
12:00am – 7:00am	7:00am - 2:00pm	2:00pm – 8:00pm	8:00pm - 10:00pm	10:00pm – 12:00am

Saturday - Sunday (includes public holidays)		
Off-peak	**Shoulder**	**Off-Peak**
12:00am – 7:00am	7:00am - 10:00pm	10:00pm – 12:00am

4 TRANSMISSION TARIFF APPLICATION GUIDE

4.1 Transmission Reference Tariff 1 (TRT1)

4.1.1 Tariff Calculation

Reference Tariff TRT1 consists of:

(a) a User specific charge that is to be an amount per day which reflects the costs to Western Power of providing the Connection Assets under an Access Contract, which may consist of capital and non-capital costs.

(b) a variable use of system charge calculated by multiplying the applicable use of system price (detailed in Table 2) by the contracted maximum demand (CMD) at the exit point (expressed in kW);

(c) a variable common service charge calculated by multiplying the common service price (detailed in Table 5) by the CMD at the exit point (expressed in kW);

(d) a variable control system service charge calculated by multiplying the control system service price (detailed in Table 12) by the CMD at the exit point (expressed in kW);

(e) a fixed metering charge per revenue meter (detailed in Table 15) which is payable each day; and

(f) excess network usage charges (if applicable).

4.1.2 Excess Network Usage Charges

An additional charge applies to this tariff where the peak half-hourly demand exceeds the nominated CMD during the billing period of the load.

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

ENUC = ENUM * (PD – CMD) * (UOS + CON + CS + CSS) / CMD

Where

ENUM	is the Excess network usage 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 User specific charge for the billing period
CS	is the applicable variable common service charge for the billing period for the nominated CMD

CSS	is the applicable variable control system service charge for the billing period for the nominated CMD

Notes:

1. The ENUC charge does not include the metering components of the tariff.

4.2 Transmission Reference Tariff 2 (TRT2)

4.2.1 Tariff Calculation

Reference Tariff TRT2 consists of:

(a) a User specific charge that is to be an amount per day which reflects the costs to Western Power of providing the Connection Assets under an Access Contract, which may consist of capital and non-capital costs.

(b) a variable use of system charge calculated by multiplying the applicable use of system price (detailed in Table 3) by the declared sent-out capacity (DSOC) at the entry point (expressed in kW);

(c) a variable control system service charge calculated by multiplying the control system service price (detailed in Table 11) by the nameplate output of the generator at the entry point (expressed in kW);

(d) a fixed metering charge per revenue meter (detailed in Table 15) which is payable each day; and

(e) excess network usage charges (if applicable).

4.2.2 Excess Network Usage Charges

An additional charge applies to this tariff where the peak half-hourly demand exceeds the nominated DSOC during the billing period.

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

ENUC = ENUM * (PD – DSOC) * (UOS + CON + CSS) / DSOC

Where

ENUM	is the Excess network usage multiplier factor, which is set at 2
PD	is the peak half-hourly demand during the billing period (expressed in kW)
DSOC	is the nominated DSOC for the billing period (expressed in kW)
UOS	is the applicable variable use of system charge for the billing period for the nominated DSOC
CON	is the applicable User specific charge for the billing period

CSS	is the applicable variable control system service charge for the billing period

Notes:

1. The ENUC charge does not include the metering components of the tariff.

5 PRICE TABLES

The tables in the following sections must be used in conjunction with the details in the sections above.

Table 2, Table 3 & Table 8 include Transmission Node Identities (TNIs) to uniquely identify zone substations. The TNIs meet the standard defined by the AEMO for WA[1].

The prices listed in this section are **GST exclusive**.

5.1 Use of System Prices

The prices in the following tables are applicable for reference tariffs: **RT1, RT2, RT3, RT4, RT9, RT10 & RT12**.

Table 1

	Fixed Price	Energy Rates			
	c/day	c/kWh	On Peak c/kWh	Shoulder c/kWh	Off Peak c/kWh
Reference tariff 1 - RT1					
Transmission	0.000	2.022	-		-
Distribution	36.464	4.841	-		-
Bundled Tariff	36.464	6.863	-		-
Reference tariff 2 - RT2					
Transmission	0.000	2.427	-		-
Distribution	36.464	6.822	-		-
Bundled Tariff	36.464	9.249	-		-
Reference tariff 3 - RT3					
Transmission	0.000	-	3.768		0.791
Distribution	36.464	-	7.745		1.796
Bundled Tariff	36.464	-	11.513		2.587
Reference tariff 4 - RT4					
Transmission	0.000	-	3.098		0.747
Distribution	45.691	-	7.067		1.616
Bundled Tariff	45.691	-	10.165		2.363
Reference tariff 9 – RT9					
Transmission	0.000	1.584	-		-
Distribution	3.739	3.743	-		-
Bundled Tariff	3.739	5.328	-		-
Reference tariff 10 – RT10					
Transmission	0.000	1.010	-		-
Distribution	21.954	4.452	-		-
Bundled Tariff	21.954	5.461	-		-
Reference tariff 12 – RT12					
Transmission	0.000	-	4.474	2.022	0.791
Distribution	36.464	-	10.736	4.841	1.796
Bundled Tariff	36.464	-	15.210	6.863	2.587

[1] Australian Energy Market Operator, 9 January 2009, Operating Procedure – NEM Transmission Node Identities (TNI), p. 5

The prices in the following table are applicable for reference tariff: **TRT1**.

Table 2

Substation	TNI	Use of System Price c/kW/day
Albany	WALB	18.212
Alcoa Pinjarra	WAPJ	8.162
Amherst	WAMT	4.689
Arkana	WARK	6.281
Australian Fused Materials	WAFM	3.398
Australian Paper Mills	WAPM	6.579
Baandee (WC)	WBDE	24.761
Beckenham	WBEC	17.124
Beechboro	WBCH	5.564
Beenup	WBNP	25.050
Belmont	WBEL	4.818
Bentley	WBTY	8.866
Bibra Lake	WBIB	6.302
Binningup Desalination Plant	WBDP	3.898
Black Flag	WBKF	21.051
Boddington Gold	WBOD	3.841
Boddington (Local)	WABD	3.841
Boddington Reynolds	WRBD	3.732
Boulder	WBLD	19.618
Bounty	WBNY	49.206
Bridgetown	WBTN	10.231
British Petroleum	WBPM	7.091
Broken Hill Kwinana	WBHK	6.250
Bunbury Harbour	WBUH	3.868
Busselton	WBSN	14.579
Byford	WBYF	4.573
Canning Vale	WCVE	4.271
Capel	WCAP	10.348
Carrabin	WCAR	30.167
Cataby Kerr McGee	WKMC	12.161
Chapman	WCPN	20.509
Clarence Street	WCLN	9.044
Clarkson	WCKN	6.770
Cockburn Cement	WCCT	3.334
Cockburn Cement Ltd	WCCL	3.615
Collie	WCOE	16.127
Collier	WCOL	9.254
Cook Street	WCKT	6.805
Coolup	WCLP	17.922
Cottesloe	WCTE	8.231
Cunderdin	WCUN	21.662
Darlington	WDTN	5.847
Edgewater	WEDG	6.309
Edmund Street	WEDD	6.935
Eneabba	WENB	14.707

Substation	TNI	Use of System Price c/kW/day
Forrest Ave	WFRT	9.321
Forrestfield	WFFD	5.606
Geraldton	WGTN	15.803
Glen Iris	WGNI	3.986
Golden Grove	WGGV	42.046
Gosnells	WGNL	4.618
Hadfields	WHFS	5.772
Hay Street	WHAY	7.842
Hazelmere	WHZM	5.329
Henley Brook	WHBK	5.329
Herdsman Parade	WHEP	11.082
Joel Terrace	WJTE	8.980
Joondalup	WJDP	6.677
Kalamunda	WKDA	5.530
Katanning	WKAT	17.345
Kellerberrin	WKEL	23.738
Kojonup	WKOJ	6.859
Kondinin	WKDN	9.827
Kwinana Alcoa	WAKW	1.343
Kwinana Desalination Plant	WKDP	3.492
Landsdale	WLDE	5.761
Malaga	WMLG	4.988
Mandurah	WMHA	5.534
Manjimup	WMJP	10.047
Manning Street	WMAG	7.183
Margaret River	WMRV	23.216
Marriott Road Barrack Silicon Smelter	WBSI	4.452
Marriott Road (Local)	WLMR	3.898
Mason Road	WMSR	2.138
Mason Road CSBP	WCBP	3.816
Mason Road Hismelt	WHIS	8.354
Mason Road Kerr McGee	WKMK	2.138
Meadow Springs	WMSS	5.144
Medical Centre	WMCR	9.378
Medina	WMED	3.067
Merredin 66kV	WMER	20.201
Midland Junction	WMJX	6.797
Milligan Street	WMIL	8.883
Moora	WMOR	12.238
Morley	WMOY	7.197
Mt Barker	WMBR	16.063
Muchea Kerr McGee	WKMM	9.708
Muchea (Local)	WLMC	6.428
Mullaloo	WMUL	6.677
Murdoch	WMUR	4.160
Mundaring Weir	WMWR	10.886
Myaree	WMYR	8.405
Narrogin	WNGN	24.508

Substation	TNI	Use of System Price c/kW/day
Nedlands	WNED	8.205
North Beach	WNBH	7.095
North Fremantle	WNFL	8.030
North Perth	WNPH	5.275
Northam	WNOR	14.479
O'Connor	WOCN	7.436
Osborne Park	WOPK	7.042
Padbury	WPBY	6.677
Parkeston	WPRK	19.618
Parklands	WPLD	5.370
Piccadilly	WPCY	18.812
Picton 66kv	WPIC	5.810
Pinjarra	WPNJ	4.942
Rangeway	WRAN	15.803
Regans	WRGN	12.161
Riverton	WRTN	4.160
Rivervale	WRVE	9.643
Rockingham	WROH	4.131
Sawyers Valley	WSVL	15.052
Shenton Park	WSPA	8.252
Southern River	WSNR	4.518
South Fremantle 22kV	WSFT	4.900
Summer St	WSUM	12.141
Tate Street	WTTS	7.826
Three Springs	WTSG	12.522
Tomlinson Street	WTLN	9.444
University	WUNI	9.724
Victoria Park	WVPA	7.596
Wagerup	WWGP	3.775
Wagin	WWAG	14.769
Waikiki	WWAI	4.567
Wangara	WWGA	6.677
Wanneroo	WWNO	6.222
WEB Grating	WWEB	45.114
Wellington Street	WWNT	9.321
Welshpool	WWEL	4.874
Wembley Downs	WWDN	8.503
West Kalgoorlie	WWKT	16.516
Western Collieries	WWCL	2.276
Western Mining	WWMG	2.675
Westralian Sands	WWSD	9.037
Willeton	WWLN	4.271
Worsley	WWOR	2.940
Wundowie	WWUN	15.548
Yanchep	WYCP	5.634
Yerbillon	WYER	29.005
Yilgarn	WYLN	16.538
Yokine	WYKE	6.863

The prices in the following table are applicable for reference tariffs: **RT11 & TRT2**.

Table 3

Substation	TNI	Use of System c/kW/day
Albany Windfarm	WALB	3.242
Boulder	WBLD	2.887
Bluewaters	WBWP	4.011
Cockburn PWS	WCKB	2.017
Collgar	WCGW	3.036
Collie PWS	WCPS	3.382
Emu Downs	WEMD	3.195
Geraldton GT	WGTN	0.683
Kemerton PWS	WKEM	3.242
Kwinana Alcoa	WAKW	2.017
Kwinana Donaldson Road (Western Energy)	WKND	1.904
Kwinana PWS	WKPS	2.017
Landweir (Alinta)	WLWT	2.989
Mason Road	WMSR	1.904
Mason Road Hismelt	WHIS	1.653
Muja PWS	WMPS	3.242
Mungarra GTs	WMGA	3.527
Newgen Kwinana	WNGK	2.331
Newgen Neerabup	WGNN	1.760
Oakley (Alinta)	WOLY	3.375
Parkeston	WPKS	3.480
Pinjar GTs	WPJR	1.760
Alcoa Pinjarra	WAPJ	3.544
Tiwest GT	WKMK	1.967
Wagerup Alcoa	WAWG	2.306
Walkaway Windfarm	WWWF	3.884
West Kalgoorlie GTs	WWKT	2.830
Worsley	WWOR	3.029

5.2 Connection Prices

The prices in the following table are applicable for reference tariff: **RT11**.

Table 4

	Connection Price c/kW/day
Connection Price	6.783

5.3 Common Service Prices

The prices in the following table are applicable for reference tariff: **TRT1**.

Table 5

	Common Service Price c/kW/day
Common Service Price	6.179

5.4 Metered Demand Prices

The prices in the following table are applicable for reference tariff: **RT5**.

Table 6

	Transmission		Distribution		Bundled Tariff	
Demand (kVA) (Lower to upper threshold)	Fixed c/day	Demand (in excess of lower threshold) c/kVA/day	Fixed c/day	Demand (in excess of lower threshold) c/kVA/day	Fixed c/day	Demand (in excess of lower threshold) c/kVA/day
0 to 300	0.000	25.913	78.844	34.683	78.844	60.596
300 to 1000	7,773.833	19.183	10,483.762	26.071	18,257.595	45.254
1000 to 1500	21,202.157	10.959	28,733.489	10.907	49,935.646	21.867

The prices in the following table are applicable for reference tariff: **RT6**.

Table 7

	Transmission		Distribution		Bundled Tariff	
Demand (kVA) (Lower to upper threshold)	Fixed c/day	Demand (in excess of lower threshold) c/kVA/day	Fixed c/day	Demand (in excess of lower threshold) c/kVA/day	Fixed c/day	Demand (in excess of lower threshold) c/kVA/day
0 to 300	0.000	25.913	604.514	39.418	604.514	65.331
300 to 1000	7,773.833	19.183	12,429.923	30.806	20,203.756	49.989
1000 to 1500	21,202.157	10.959	33,994.131	15.120	55,196.288	26.080

5.5 Demand Prices

The prices in the following table are applicable for reference tariff: **RT7 & RT8**.

Table 8

Zone Substation	TNI	Pricing Zone	Transmission			Distribution			Bundled		
			Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)	Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)	Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)
Cook Street	WCKT	CBD	17,747.720	18.383	18.293	21,550.607	7.372	9.398	39,298.327	25.756	27.690
Forrest Avenue	WFRT	CBD	17,747.720	18.383	18.293	21,550.607	7.372	9.398	39,298.327	25.756	27.690
Hay Street	WHAY	CBD	17,747.720	18.383	18.293	21,550.607	7.372	9.398	39,298.327	25.756	27.690
Milligan Street	WMIL	CBD	17,747.720	18.383	18.293	21,550.607	7.372	9.398	39,298.327	25.756	27.690
Wellington Street	WWNT	CBD	17,747.720	18.383	18.293	21,550.607	7.372	9.398	39,298.327	25.756	27.690
Black Flag	WBKF	Goldfields Mining	17,747.720	35.229	32.731	21,550.607	3.727	6.273	39,298.327	38.955	39.004
Boulder	WBLD	Goldfields Mining	17,747.720	33.686	31.409	21,550.607	3.727	6.273	39,298.327	37.412	37.682
Bounty	WBNY	Goldfields Mining	17,747.720	65.559	58.729	21,550.607	3.727	6.273	39,298.327	69.286	65.002
West Kalgoorlie	WWKT	Goldfields Mining	17,747.720	30.343	28.544	21,550.607	3.727	6.273	39,298.327	34.070	34.817
Albany	WALB	Mixed	17,747.720	32.154	30.096	21,550.607	8.222	10.126	39,298.327	40.375	40.222
Boddington	WBOD	Mixed	17,747.720	16.679	16.832	21,550.607	8.222	10.126	39,298.327	24.901	26.958
Bunbury Harbour	WBUH	Mixed	17,747.720	16.709	16.857	21,550.607	8.222	10.126	39,298.327	24.931	26.983
Busselton	WBSN	Mixed	17,747.720	28.242	26.743	21,550.607	8.222	10.126	39,298.327	36.464	36.868
Byford	WBYF	Mixed	17,747.720	17.468	17.508	21,550.607	8.222	10.126	39,298.327	25.689	27.633
Capel	WCAP	Mixed	17,747.720	23.686	22.838	21,550.607	8.222	10.126	39,298.327	31.908	32.964
Chapman	WCPN	Mixed	17,747.720	34.626	32.215	21,550.607	8.222	10.126	39,298.327	42.848	42.341
Darlington	WDTN	Mixed	17,747.720	18.840	18.684	21,550.607	8.222	10.126	39,298.327	27.062	28.810
Durlacher Street	WDUR	Mixed	17,747.720	29.560	27.873	21,550.607	8.222	10.126	39,298.327	37.782	37.998
Eneabba	WENB	Mixed	17,747.720	28.379	26.860	21,550.607	8.222	10.126	39,298.327	36.601	36.986
Geraldton	WGTN	Mixed	17,747.720	29.560	27.873	21,550.607	8.222	10.126	39,298.327	37.782	37.998
Marriott Road	WMRR	Mixed	17,747.720	16.741	16.885	21,550.607	8.222	10.126	39,298.327	24.963	27.011
Muchea	WMUC	Mixed	17,747.720	19.465	19.220	21,550.607	8.222	10.126	39,298.327	27.687	29.346
Northam	WNOR	Mixed	17,747.720	28.134	26.651	21,550.607	8.222	10.126	39,298.327	36.356	36.777
Picton	WPIC	Mixed	17,747.720	18.800	18.649	21,550.607	8.222	10.126	39,298.327	27.021	28.775
Rangeway	WRAN	Mixed	17,747.720	29.560	27.873	21,550.607	8.222	10.126	39,298.327	37.782	37.998
Sawyers Valley	WSVL	Mixed	17,747.720	28.751	27.179	21,550.607	8.222	10.126	39,298.327	36.972	37.305
Yanchep	WYCP	Mixed	17,747.720	18.610	18.487	21,550.607	8.222	10.126	39,298.327	26.832	28.613
Yilgarn	WYLN	Mixed	17,747.720	30.351	28.551	21,550.607	8.222	10.126	39,298.327	38.573	38.677
Baandee	WBDE	Rural	17,747.720	40.071	36.882	21,550.607	4.001	6.508	39,298.327	44.072	43.390
Beenup	WBNP	Rural	17,747.720	40.389	37.155	21,550.607	4.001	6.508	39,298.327	44.390	43.662
Bridgetown	WBTN	Rural	17,747.720	24.105	23.197	21,550.607	4.001	6.508	39,298.327	28.106	29.705
Carrabin	WCAR	Rural	17,747.720	46.012	41.975	21,550.607	4.001	6.508	39,298.327	50.013	48.482
Collie	WCOE	Rural	17,747.720	30.585	28.751	21,550.607	4.001	6.508	39,298.327	34.585	35.259
Coolup	WCLP	Rural	17,747.720	32.557	30.441	21,550.607	4.001	6.508	39,298.327	36.557	36.949
Cunderdin	WCUN	Rural	17,747.720	36.667	33.964	21,550.607	4.001	6.508	39,298.327	40.668	40.472
Katanning	WKAT	Rural	17,747.720	31.923	29.898	21,550.607	4.001	6.508	39,298.327	35.923	36.406
Kellerberrin	WKEL	Rural	17,747.720	38.948	35.919	21,550.607	4.001	6.508	39,298.327	42.949	42.427

Zone Substation	TNI	Pricing Zone	Transmission			Distribution			Bundled		
			Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)	Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)	Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)
Kojonup	WKOJ	Rural	17,747.720	20.399	20.021	21,550.607	4.001	6.508	39,298.327	24.400	26.529
Kondinin	WKDN	Rural	17,747.720	23.661	22.816	21,550.607	4.001	6.508	39,298.327	27.662	29.324
Manjimup	WMJP	Rural	17,747.720	23.903	23.024	21,550.607	4.001	6.508	39,298.327	27.904	29.531
Margaret River	WMRV	Rural	17,747.720	38.374	35.427	21,550.607	4.001	6.508	39,298.327	42.374	41.935
Merredin	WMER	Rural	17,747.720	35.061	32.588	21,550.607	4.001	6.508	39,298.327	39.062	39.095
Mirambeena	WMBN	Rural	17,747.720	12.863	13.561	21,550.607	4.001	6.508	39,298.327	16.864	20.069
Moora	WMOR	Rural	17,747.720	26.311	25.088	21,550.607	4.001	6.508	39,298.327	30.312	31.596
Mount Barker	WMBR	Rural	17,747.720	30.514	28.690	21,550.607	4.001	6.508	39,298.327	34.515	35.198
Narrogin	WNGN	Rural	17,747.720	39.793	36.644	21,550.607	4.001	6.508	39,298.327	43.794	43.152
Pinjarra	WPNJ	Rural	17,747.720	18.294	18.216	21,550.607	4.001	6.508	39,298.327	22.295	24.724
Regans	WRGN	Rural	17,747.720	26.226	25.015	21,550.607	4.001	6.508	39,298.327	30.227	31.523
Three Springs	WTSG	Rural	17,747.720	26.623	25.355	21,550.607	4.001	6.508	39,298.327	30.624	31.863
Wagerup	WWGP	Rural	17,747.720	17.011	17.116	21,550.607	4.001	6.508	39,298.327	21.012	23.624
Wagin	WWAG	Rural	17,747.720	29.092	27.471	21,550.607	4.001	6.508	39,298.327	33.092	33.979
Wundowie	WWUN	Rural	17,747.720	29.948	28.205	21,550.607	4.001	6.508	39,298.327	33.949	34.713
Yerbillon	WYER	Rural	17,747.720	44.736	40.880	21,550.607	4.001	6.508	39,298.327	48.736	47.388
Amherst	WAMT	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Arkana	WARK	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Australian Paper Mills	WAPM	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Beechboro	WBCH	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Belmont	WBEL	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Bentley	WBTY	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Bibra Lake	WBIB	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
British Petroleum	WBPM	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Canning Vale	WCVE	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Clarence Street	WCLN	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Clarkson	WCKN	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Cockburn Cement	WCCT	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Collier	WCOL	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Cottesloe	WCTE	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Edmund Street	WEDD	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Forrestfield	WFFD	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Gosnells	WGNL	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Hadfields	WHFS	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Hazelmere	WHZM	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Henley Brook	WHBK	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Herdsman Parade	WHEP	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Joel Terrace	WJTE	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Joondalup	WJDP	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Joondanna	WJDA	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Kalamunda	WKDA	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126

Zone Substation	TNI	Pricing Zone	Transmission			Distribution			Bundled		
			Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)	Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)	Fixed charge for first 1000 kVA (c per day)	Demand charge for 1000<kVA<7000 (c/kVA/day)	Demand Charge for kVA > 7000 (c/kVA/day)
Kambalda	WKBA	Urban	17,747.720	33.686	31.409	21,550.607	1.312	4.203	39,298.327	34.998	35.612
Kewdale	WKDL	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Landsdale	WLDE	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Malaga	WMLG	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Mandurah	WMHA	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Manning Street	WMAG	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Mason Road	WMSR	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Meadow Springs	WMSS	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Medical Centre	WMCR	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Medina	WMED	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Midland Junction	WMJX	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Morley	WMOY	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Mullaloo	WMUL	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Mundaring Weir	WMWR	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Munday	WMDY	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Murdoch	WMUR	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Myaree	WMYR	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Nedlands	WNED	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
North Beach	WNBH	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
North Fremantle	WNFL	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
North Perth	WNPH	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
OConnor	WOCN	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Osborne Park	WOPK	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Padbury	WPBY	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Piccadilly	WPCY	Urban	17,747.720	32.432	30.334	21,550.607	1.312	4.203	39,298.327	33.744	34.537
Riverton	WRTN	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Rivervale	WRVE	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Rockingham	WROH	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Shenton Park	WSPA	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Sth Ftle Power Station	WSFT	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Southern River	WSNR	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Tate Street	WTTS	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
University	WUNI	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Victoria Park	WVPA	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Waikiki	WWAI	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Wangara	WWGA	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Wanneroo	WWNO	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Welshpool	WWEL	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Wembley Downs	WWDN	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Willeton	WWLN	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126
Yokine	WYKE	Urban	17,747.720	19.119	18.923	21,550.607	1.312	4.203	39,298.327	20.431	23.126

5.6 Demand Length Prices

The prices in the following table are applicable for reference tariffs: **RT5, RT6, RT7, RT8 & RT11** and the CMD/DSOC is between 1,000 and 7,000 kVA.

Table 9

	Demand-Length Charge	
Pricing Zone	For kVA >1000 and first 10 km length (c/kVA.km/day)	For kVA >1000 and length in excess of 10 km (c/kVA.km/day)
CBD	0.000	0.000
Urban	0.991	0.694
Mining	0.213	0.149
Mixed	0.466	0.326
Rural	0.324	0.226

The prices in the following table are applicable for reference tariffs: **RT7, RT8 & RT11** and the CMD/DSOC is at least 7,000 kVA.

Table 10

	Demand-Length Charge	
Pricing Zone	For first 10 km length (c/kVA.km/day)	For length in excess of 10 km (c/kVA.km/day)
CBD	0.000	0.000
Urban	0.850	0.595
Mining	0.182	0.128
Mixed	0.399	0.279
Rural	0.277	0.194

5.7 Control System Service Prices

The prices in the following table are applicable for reference tariff: **RT11, & TRT2**.

Table 11

	Price (c/kW/day)
Control System Service Price (Generators)	0.204

The prices in the following table are applicable for reference tariff: **TRT1**.

Table 12

	Price (c/kW/day)
Control System Service Price (Loads)	1.436

5.8 Metering Prices

The prices in the following table are applicable for reference tariffs: **RT1, RT2, RT3, RT4 & RT12**.

Table 13

	Fixed Price	Variable Price			
	c/revenue meter/day	c/kWh	On Peak c/kWh	Shoulder c/kWh	Off Peak c/kWh
Reference tariff 1 - RT1					
Metering Price	4.6284	1.037			
Reference tariff 2 - RT2					
Metering Price	4.6284	1.037			
Reference tariff 3 - RT3					
Metering Price	4.6284		1.332		1.332
Reference tariff 4 - RT4					
Metering Price	9.2661		0.225		0.225
Reference tariff 12 RT12					
Metering Price	4.6284		1.332	1.332	1.332

The prices in the following table are applicable for reference tariffs: **RT5, RT6, RT7, RT8 & RT11**.

Table 14

Metering Equipment Funding	Voltage	c/revenue meter/day
Western Power funded	High Voltage (6.6 kV or higher)	1404.307
	Low voltage (415 volts or less)	253.041
Customer funded	High Voltage (6.6 kV or higher)	450.530
	Low Voltage (415 volts or less)	81.182

The prices in the following table are applicable for reference tariffs: **TRT1 & TRT2**.

Table 15

	c/metering unit/day
Transmission Metering	4,601.41

5.9 Administration Prices

The prices in the following table are applicable for reference tariffs: **RT7 & RT8**.

Table 16

Peak Demand	Price (c/day)
>=7,000 kVA	5,020.000
<7,000 kVA	2,883.000

5.10 Low Voltage Prices

The prices in the following table are applicable for reference tariff: **RT8**.

Table 17

Category	Price (c/day)
Fixed	525.667
Demand	4.197/kVA

5.11 Streetlight Asset Prices

The prices in the following table are applicable for reference tariff: **RT9**.

Table 18

Light Specification	Daily Charge c/day
42W CFL SE	24.258
42W CFL BH	25.781
42W CFL KN	29.053
50W MV	15.085
70W MH	42.404
70W HPS	20.855
80W MV	20.303
125W MV	25.243
150W MH	48.992
150W HPS	27.434
250W MH	48.992
250W HPS	27.434
250W MV	32.929
400W MV	34.574

6 NON REFERENCE SERVICE TARIFFS

The fees listed below are referred to in the Applications and Queuing Policy and the Standard Access Contract. Western Power treats these as non-reference services and notes that the list of tariffs included in this section does not include tariffs for all non-reference services provided by Western Power.

The prices listed in this section are **GST exclusive**.

6.1 Lodgement Fees under the Application and Queuing Policy

Table 19

Lodgement Fee	Price
New Standard Access Contract Fee	$1,150.00
Access Contract Modification Fee	$140.00 per modification
Transmission Connection Application Fee	$3,500.00
Distribution Connection Application Fee	$2,500.00

Table 20

Application for Reference Service	New Connection Point Fee
A1 – Anytime Energy (Residential) Exit Service	$0.00 per connection point
A2 – Anytime Energy (Business) Exit Service	$23.00 per connection point
A3 – Time of Use Energy (Residential) Exit Service	$0.00 per connection point
A4 – Time of Use Energy (Business) Exit Service	$23.00 per connection point
A5 – High Voltage Metered Demand Exit Service	$91.00 per connection point
A6 – Low Voltage Metered Demand Exit Service	$91.00 per connection point
A7 – High Voltage Contract Maximum Demand Exit Service	$230.00 per connection point
A8 – Low Voltage Contract Maximum Demand Exit Service	$230.00 per connection point
A9 – Streetlighting Exit Service	$0.00 per connection point
A10 – Un-Metered Supplies Exit Service	$0.00 per connection point
A11 – Transmission Exit Service	$230.00 per connection point
B1 – Distribution Entry Service	$230.00 per connection point
B2 – Transmission Entry Service	$230.00 per connection point
C1 – Time of Use (Residential) Bidirectional Service	$0.00 per connection point