2012/13 Price List

ELECTRICITY NETWORKS CORPORATION
("WESTERN POWER")

ABN 18 540 492 861

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All prices quoted in this Price List are *GST exclusive.*

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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.

For the avoidance of doubt, the prices within this Price List will apply to all consumption from 1 February 2013 until 30 June 2013. Where consumption is metered with an accumulation meter and the meter reading interval causes some of the metered consumption to lie within the period covered by this price list and the remainder within a previous or subsequent period 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. 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 – Anytime Energy (Residential) Bi-directional Service	RT13
C2 – Anytime Energy (Business) Bi-directional Service	RT14
C3 – Time of Use (Residential) Bi-directional Service	RT15
C4 – Time of Use (Business) Bi-directional Service	RT16

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 Tariffs 1 and 2 (RT1 and RT2)

Reference Tariffs RT1 and 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 1) which is payable each day; and

(d) a variable metering charge calculated by multiplying the variable price (detailed in Table 1) by the quantity of electricity consumed at an exit point (expressed in kWh).

3.2 Reference Tariffs 3 and 4 (RT3 and RT4)

Reference Tariffs RT3 and 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 1) which is payable each day;

(e) an on-peak variable metering charge calculated by multiplying the on-peak variable price (detailed in Table 1) 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 1) 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 4) 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 4) 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 7) 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 9) 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

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 5) 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 5) 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 7) 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 9) which is payable each day

Notes:

1. This tariff is similar to 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

Identical to 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 6) which is payable each day; plus

ii. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 6) 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 7) 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 6) 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 8) 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 9) which is payable each day;

(d) a fixed administration charge (detailed in Table 10) 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 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 6) which is payable each day; plus

ii. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 6) 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 7) 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 6) 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 8) 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 11) which is payable each day;

(d) a variable low voltage charge calculated by multiplying the low voltage demand price (detailed in Table 11) by the CMD at an exit point (expressed in kVA);

(e) a fixed metering charge per revenue meter (detailed in Table 9) which is payable each day;

(f) a fixed administration charge (detailed in Table 10) which is payable each day; and

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

Notes:

1. This tariff is identical to 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 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 2 and Table 3).

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 12) 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 16) 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 14) 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 7) 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 7) 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 8) 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 8) 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 9) 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 except where Western Power deems the export of power in excess of DSOC was required for power system reliability and security purposes.

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 does not include the metering components of the tariff.

3.10 Reference Tariff 12 (RT12)

Note: This tariff has been deleted and will not appear in future Price Lists.

3.11 Reference Tariffs 13 and 14 (RT13 and RT14)

Reference Tariffs RT13 and RT14 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 1) which is payable each day; and

(d) a variable metering charge calculated by multiplying the variable price (detailed in Table 1) by the quantity of electricity consumed at an exit point (expressed in kWh).

3.12 Reference Tariffs 15 and 16 (RT15 and RT16)

Reference Tariffs RT15 and RT16 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 1) which is payable each day;

(e) an on-peak variable metering charge calculated by multiplying the on-peak variable price (detailed in Table 1) 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 1) 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**
RT15	12:00am – 7:00am	7:00am – 9:00pm	9:00pm – 12:00am	All times
RT16	12:00am – 8:00am	8:00am – 10:00pm	10:00pm – 12:00am	All times

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 13 or where there is no applicable use of system price in Table 13 for the exit point, the price calculated by Western Power in accordance with Appendix A of the Price List Information) 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 15) 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 17) by the CMD at the exit point (expressed in kW);

(e) a fixed metering charge per revenue meter (detailed in Table 18) 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

Note: The ENUC 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 14 or where there is no applicable use of system price in Table 14 for the entry point, the price calculated by Western Power in accordance with Appendix A of the Price List Information) 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 16) 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 18) 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 except where Western Power deems the export of power in excess of DSOC was required for power system reliability and security purposes.

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

Note: The ENUC does not include the metering components of the tariff.

5 PRICE TABLES[1]

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

Table 6, Table 13 and Table 14 include a Transmission Node Identity (TNI) to uniquely identify zone substations. The TNIs meet the standard defined by the AEMO for WA[2].

All prices quoted in this Price List are **GST exclusive**.

5.1 Prices for energy-based tariffs on the distribution network

5.1.1 Use of system and metering prices

The prices in the following tables are applicable for reference tariffs **RT1, RT2, RT3, RT4, RT9, RT10, RT13, RT14, RT15** and **RT16.**

Table 1

	Fixed Price	Energy Rates		
	c/day	c/kWh	On Peak c/kWh	Off Peak c/kWh
Reference tariff 1 - RT1				
Transmission Use of System	0.000	2.174	-	-
Distribution Use of System	43.504	5.993	-	-
Bundled Use of System Charges	43.504	8.167	-	-
Metering Charges	2.570	0.732	-	-
Reference tariff 2 - RT2				
Transmission Use of System	0.000	2.500	-	-
Distribution Use of System	60.991	7.647	-	-
Bundled Use of System Charges	60.991	10.148	-	-
Metering Charges	2.570	0.732	-	-
Reference tariff 3 - RT3				
Transmission Use of System	0.000	-	3.843	0.807
Distribution Use of System	46.090	-	9.602	2.216
Bundled Use of System Charges	46.090	-	13.445	3.023
Metering Charges	2.570	-	0.725	0.725
Reference tariff 4 - RT4				
Transmission Use of System	0.000	-	3.346	0.807
Distribution Use of System	54.701	-	8.144	1.862
Bundled Use of System Charges	54.701	-	11.490	2.669
Metering Charges	5.140	-	0.184	0.184
Reference tariff 9 – RT9				
Transmission Use of System	0.000	1.390	-	-
Distribution Use of System	4.715	3.038	-	-
Bundled Use of System Charges	4.715	4.428	-	-
Reference tariff 10 – RT10				
Transmission Use of System	0.000	0.891	-	-
Distribution Use of System	36.986	3.049	-	-
Bundled Use of System Charges	36.986	3.940	-	-

[1] Note: these tables have been re-designed for 2012/13.

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

Reference tariff 13 – RT13				
Transmission Use of System	0.000	2.174	-	-
Distribution Use of System	43.504	5.993	-	-
Bundled Use of System Charges	43.504	8.167	-	-
Metering Charges	2.570	0.732	-	-
Reference tariff 14 – RT14				
Transmission Use of System	0.000	2.500	-	-
Distribution Use of System	60.991	7.647	-	-
Bundled Use of System Charges	60.991	10.148	-	-
Metering Charges	2.570	0.732	-	-
Reference tariff 15 – RT15				
Transmission Use of System	0.000	-	3.843	0.807
Distribution Use of System	46.090	-	9.602	2.216
Bundled Use of System Charges	46.090	-	13.445	3.023
Metering Charges	2.570	-	0.725	0.725
Reference tariff 16 – RT16				
Transmission Use of System	0.000	-	3.346	0.807
Distribution Use of System	54.701	-	8.144	1.862
Bundled Use of System Charges	54.701	-	11.490	2.669
Metering Charges	5.140	-	0.184	0.184

5.1.2 Streetlight asset prices

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

Table 2 – Current light types

Light Specification	Daily Charge c/day
42W CFL SE	27.005
42W CFL BH	28.701
42W CFL KN	32.343
70W MH	47.207
70W HPS	23.217
125W MV	28.102
150W MH	54.540
150W HPS	30.541
250W MH	54.540
250W HPS	30.541

Table 3 – Obsolete light types

Light Specification	Daily Charge c/day
50W MV	16.793
60W MV	16.793
70W MV	22.603
80W MV	22.603
150W MV	28.102
250W MV	36.658
400W MV	38.489
40W FLU	16.793
80W HPS	23.217
125W HPS	30.541
60W INC	16.793
100W INC	16.793
80W MH	22.603
125W MH	54.540

5.2 Prices for demand-based tariffs on the distribution network (RT5 to RT8 and RT11[3])

5.2.1 Demand charges

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

Table 4

	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	26.503	95.663	39.710	95.663	66.213
300 to 1000	7,950.900	19.621	12,008.663	29.345	19,959.563	48.966
1000 to 1500	21,685.600	11.209	32,550.163	12.402	54,235.763	23.611

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

Table 5

	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	26.503	727.404	45.192	727.404	71.695
300 to 1000	7,950.900	19.621	14,285.004	34.908	22,235.904	54.529
1000 to 1500	21,685.600	11.209	38,720.604	17.408	60,406.204	28.617

[3] Note that some components of RT11 are in section 5.3

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

Table 6

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	17,534.247	18.529	18.387	23,416.913	8.740	10.837	40,951.160	27.270	29.224
Forrest Avenue	WFRT	CBD	17,534.247	18.529	18.387	23,416.913	8.740	10.837	40,951.160	27.270	29.224
Hay Street	WHAY	CBD	17,534.247	18.529	18.387	23,416.913	8.740	10.837	40,951.160	27.270	29.224
Milligan Street	WMIL	CBD	17,534.247	18.529	18.387	23,416.913	8.740	10.837	40,951.160	27.270	29.224
Wellington Street	WWNT	CBD	17,534.247	18.529	18.387	23,416.913	8.740	10.837	40,951.160	27.270	29.224
Black Flag	WBKF	Goldfields Mining	17,534.247	37.070	34.279	23,416.913	4.169	6.919	40,951.160	41.239	41.198
Boulder	WBLD	Goldfields Mining	17,534.247	34.528	32.100	23,416.913	4.169	6.919	40,951.160	38.697	39.019
Bounty	WBNY	Goldfields Mining	17,534.247	66.225	59.269	23,416.913	4.169	6.919	40,951.160	70.394	66.188
West Kalgoorlie	WWKT	Goldfields Mining	17,534.247	31.627	29.614	23,416.913	4.169	6.919	40,951.160	35.796	36.533
Albany	WALB	Mixed	17,534.247	32.168	30.077	23,416.913	9.720	11.677	40,951.160	41.888	41.754
Boddington	WBOD	Mixed	17,534.247	16.995	17.072	23,416.913	9.720	11.677	40,951.160	26.715	28.749
Bunbury Harbour	WBUH	Mixed	17,534.247	17.027	17.099	23,416.913	9.720	11.677	40,951.160	26.747	28.776
Busselton	WBSN	Mixed	17,534.247	27.947	26.459	23,416.913	9.720	11.677	40,951.160	37.667	38.136
Byford	WBYF	Mixed	17,534.247	17.850	17.805	23,416.913	9.720	11.677	40,951.160	27.570	29.481
Capel	WCAP	Mixed	17,534.247	23.520	22.665	23,416.913	9.720	11.677	40,951.160	33.240	34.341
Chapman	WCPN	Mixed	17,534.247	34.225	31.841	23,416.913	9.720	11.677	40,951.160	43.945	43.518
Darlington	WDTN	Mixed	17,534.247	19.338	19.081	23,416.913	9.720	11.677	40,951.160	29.058	30.757
Durlacher Street	WDUR	Mixed	17,534.247	29.243	27.571	23,416.913	9.720	11.677	40,951.160	38.963	39.247
Eneabba	WENB	Mixed	17,534.247	28.082	26.575	23,416.913	9.720	11.677	40,951.160	37.802	38.252
Geraldton	WGTN	Mixed	17,534.247	29.243	27.571	23,416.913	9.720	11.677	40,951.160	38.963	39.247
Marriott Road	WMRR	Mixed	17,534.247	16.637	16.765	23,416.913	9.720	11.677	40,951.160	26.357	28.442
Muchea	WMUC	Mixed	17,534.247	20.017	19.662	23,416.913	9.720	11.677	40,951.160	29.737	31.339
Northam	WNOR	Mixed	17,534.247	27.841	26.369	23,416.913	9.720	11.677	40,951.160	37.561	38.046
Picton	WPIC	Mixed	17,534.247	18.880	18.688	23,416.913	9.720	11.677	40,951.160	28.600	30.364
Rangeway	WRAN	Mixed	17,534.247	30.968	29.048	23,416.913	9.720	11.677	40,951.160	40.688	40.725
Sawyers Valley	WSVL	Mixed	17,534.247	28.447	26.888	23,416.913	9.720	11.677	40,951.160	38.167	38.565
Yanchep	WYCP	Mixed	17,534.247	18.475	18.340	23,416.913	9.720	11.677	40,951.160	28.195	30.017
Yilgarn	WYLN	Mixed	17,534.247	30.021	28.238	23,416.913	9.720	11.677	40,951.160	39.741	39.914
Baandee	WBDE	Rural	17,534.247	39.555	36.409	23,416.913	4.472	7.178	40,951.160	44.027	43.587
Beenup	WBNP	Rural	17,534.247	42.655	39.066	23,416.913	4.472	7.178	40,951.160	47.126	46.244
Bridgetown	WBTN	Rural	17,534.247	25.002	23.935	23,416.913	4.472	7.178	40,951.160	29.474	31.114
Carrabin	WCAR	Rural	17,534.247	45.394	41.414	23,416.913	4.472	7.178	40,951.160	49.865	48.592
Collie	WCOE	Rural	17,534.247	30.232	28.418	23,416.913	4.472	7.178	40,951.160	34.703	35.596
Coolup	WCLP	Rural	17,534.247	34.164	31.788	23,416.913	4.472	7.178	40,951.160	38.636	38.966
Cunderdin	WCUN	Rural	17,534.247	36.209	33.541	23,416.913	4.472	7.178	40,951.160	40.681	40.719
Katanning	WKAT	Rural	17,534.247	31.547	29.545	23,416.913	4.472	7.178	40,951.160	36.018	36.723
Kellerberrin	WKEL	Rural	17,534.247	38.451	35.463	23,416.913	4.472	7.178	40,951.160	42.923	42.641
Kojonup	WKOJ	Rural	17,534.247	20.985	20.492	23,416.913	4.472	7.178	40,951.160	25.457	27.670

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)
Kondinin	WKDN	Rural	17,534.247	23.427	22.586	23,416.913	4.472	7.178	40,951.160	27.899	29.764
Manjimup	WMJP	Rural	17,534.247	24.783	23.747	23,416.913	4.472	7.178	40,951.160	29.255	30.926
Margaret River	WMRV	Rural	17,534.247	37.886	34.979	23,416.913	4.472	7.178	40,951.160	42.358	42.157
Merredin	WMER	Rural	17,534.247	34.631	32.188	23,416.913	4.472	7.178	40,951.160	39.103	39.367
Moora	WMOR	Rural	17,534.247	27.394	25.985	23,416.913	4.472	7.178	40,951.160	31.865	33.163
Mount Barker	WMBR	Rural	17,534.247	30.195	28.386	23,416.913	4.472	7.178	40,951.160	34.667	35.565
Narrogin	WNGN	Rural	17,534.247	39.282	36.175	23,416.913	4.472	7.178	40,951.160	43.754	43.353
Pinjarra	WPNJ	Rural	17,534.247	18.167	18.076	23,416.913	4.472	7.178	40,951.160	22.638	25.254
Regans	WRGN	Rural	17,534.247	25.948	24.746	23,416.913	4.472	7.178	40,951.160	30.420	31.924
Three Springs	WTSG	Rural	17,534.247	26.606	25.310	23,416.913	4.472	7.178	40,951.160	31.078	32.488
Wagerup	WWGP	Rural	17,534.247	16.892	16.984	23,416.913	4.472	7.178	40,951.160	21.364	24.162
Wagin	WWAG	Rural	17,534.247	30.408	28.569	23,416.913	4.472	7.178	40,951.160	34.879	35.747
Wundowie	WWUN	Rural	17,534.247	29.779	28.029	23,416.913	4.472	7.178	40,951.160	34.250	35.208
Yerbillon	WYER	Rural	17,534.247	44.139	40.338	23,416.913	4.472	7.178	40,951.160	48.611	47.516
Amherst	WAMT	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Arkana	WARK	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Australian Paper Mills	WAPM	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Beechboro	WBCH	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Belmont	WBEL	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Bentley	WBTY	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Bibra Lake	WBIB	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
British Petroleum	WBPM	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Canning Vale	WCVE	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Clarence Street	WCLN	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Clarkson	WCKN	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Cockburn Cement	WCCT	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Collier	WCOL	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Cottesloe	WCOT	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Edmund Street	WEDD	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Forrestfield	WFFD	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Gosnells	WGNL	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Hadfields	WHFS	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Hazelmere	WHZM	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Henley Brook	WHBK	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Herdsman Parade	WHEP	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Joel Terrace	WJTE	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Joondalup	WJDP	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Joondanna	WJDA	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Kalamunda	WKDA	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Kambalda	WKBA	Urban	17,534.247	34.528	32.100	23,416.913	1.506	4.636	40,951.160	36.034	36.737
Kewdale	WKDL	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625

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)
Landsdale	WLDE	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Maddington	WMDN	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Malaga	WMLG	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Mandurah	WMHA	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Manning Street	WMAG	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Mason Road	WMSR	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Meadow Springs	WMSS	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Medical Centre	WMCR	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Medina	WMED	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Midland Junction	WMJX	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Morley	WMOY	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Mullaloo	WMUL	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Mundaring Weir	WMWR	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Murdoch	WMUR	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Myaree	WMYR	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Nedlands	WNED	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
North Beach	WNBH	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
North Fremantle	WNFL	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
North Perth	WNPH	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
OConnor	WOCN	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Osborne Park	WOPK	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Padbury	WPBY	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Piccadilly	WPCY	Urban	17,534.247	32.997	30.788	23,416.913	1.506	4.636	40,951.160	34.503	35.424
Riverton	WRTN	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Rivervale	WRVE	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Rockingham	WROH	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Shenton Park	WSPA	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Sth Ftle Power Station	WSFT	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Southern River	WSNR	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Tate Street	WTTS	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
University	WUNI	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Victoria Park	WVPA	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Waikiki	WWAI	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Wanneroo	WWNO	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Welshpool	WWEL	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Wembley Downs	WWDN	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Willeton	WWLN	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625
Yokine	WYKE	Urban	17,534.247	19.231	18.989	23,416.913	1.506	4.636	40,951.160	20.737	23.625

5.2.2 Demand length charges

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

Table 7

	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	1.093	0.765
Mining	0.235	0.164
Mixed	0.537	0.376
Rural	0.357	0.250

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

Table 8

	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	0.937	0.656
Mining	0.201	0.141
Mixed	0.460	0.322
Rural	0.306	0.214

5.2.3 Metering prices

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

Table 9

Metering Equipment Funding	Voltage	c/revenue meter/day
Western Power funded	High Voltage (6.6 kV or higher)	1091.077
	Low voltage (415 volts or less)	196.602
Customer funded	High Voltage (6.6 kV or higher)	464.053
	Low Voltage (415 volts or less)	83.618

5.2.4 Administration charges

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

Table 10

CMD	Price (c/day)
>=7,000 kVA	5,773.000
<7,000 kVA	3,315.450

5.2.5 LV Prices

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

Table 11

Category	Price (c/day)
Fixed	568.279
Demand	5.359/kVA

5.2.6 Connection Price

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

Table 12

	Connection Price (c/kW/day)
Connection Price	6.996

5.3 Transmission prices

5.3.1 Use of system prices

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

Table 13

Substation	TNI	Use of System Price (c/kW/day)
Albany	WALB	18.067
Alcoa Pinjarra	WAPJ	7.943
Amherst	WAMT	4.738
Arkana	WARK	6.116
Australian Fused Materials	WAFM	3.647
Australian Paper Mills	WAPM	7.062
Baandee (WC)	WBDE	24.097
Beckenham	WBEC	17.523
Beechboro	WBCH	5.787
Beenup	WBNP	26.890

Substation	TNI	Use of System Price (c/kW/day)
Belmont	WBEL	4.811
Bentley	WBTY	8.628
Bibra Lake	WBIB	6.133
Binningup Desalination Plant	WBDP	3.793
Black Flag	WBKF	22.597
Boddington Gold	WBGM	4.123
Boddington (Local)	WABD	4.123
Boddington Reynolds	WRBD	3.819
Boulder	WBLD	20.260
Bounty	WBNY	49.410
Bridgetown	WBTN	10.982
British Petroleum	WBPM	7.612
Broken Hill Kwinana	WBHK	6.709
Bunbury Harbour	WBUH	4.152
Busselton	WBSN	14.188
Byford	WBYF	4.908
Canning Vale	WCVE	4.585
Capel	WCAP	10.119
Carrabin	WCAR	29.358
Cataby Kerr McGee	WKMC	11.835
Chapman	WCPN	19.958
Clarence Street	WCLN	9.708
Clarkson	WCKN	6.589
Cockburn Cement	WCCT	3.578
Cockburn Cement Ltd	WCCL	3.880
Collie	WCOE	15.695
Collier	WCOL	9.934
Cook Street	WCKT	6.622
Coolup	WCLP	19.238
Cottesloe	WCTE	8.010
Cunderdin	WCUN	21.081
Darlington	WDTN	6.277
Edgewater	WEDG	6.140
Edmund Street	WEDD	7.204
Eneabba	WENB	14.312
Forrest Ave	WFRT	10.002
Forrestfield	WFFD	6.018
Geraldton	WGTN	15.380
Glen Iris	WGNI	4.279
Golden Grove	WGGV	40.918
Gosnells	WGNL	4.957
Hadfields	WHFS	6.196
Hay Street	WHAY	7.632
Hazelmere	WHZM	5.186
Henley Brook	WHBK	5.721
Herdsman Parade	WHEP	11.667
Joel Terrace	WJTE	9.639
Joondalup	WJDP	6.498

Substation	TNI	Use of System Price (c/kW/day)
Kalamunda	WKDA	5.937
Katanning	WKAT	16.880
Kellerberrin	WKEL	23.102
Kojonup	WKOJ	7.362
Kondinin	WKDN	9.563
Kwinana Alcoa	WAKW	1.441
Kwinana Desalination Plant	WKDP	3.749
Kwinana PWS	WKPS	3.749
Landsdale	WLDE	5.607
Maddington	WMDN	4.883
Malaga	WMLG	4.904
Mandurah	WMHA	5.411
Manjimup	WMJP	10.785
Manning Street	WMAG	6.990
Margaret River	WMRV	22.593
Marriott Road Barrack Silicon Smelter	WBSI	4.333
Marriott Road (Local)	WLMR	3.793
Mason Road	WMSR	2.295
Mason Road CSBP	WCBP	4.096
Mason Road Hismelt	WHIS	8.968
Mason Road Kerr McGee	WKMK	2.295
Meadow Springs	WMSS	5.050
Medical Centre	WMCR	9.574
Medina	WMED	3.293
Merredin 66kV	WMER	19.659
Midland Junction	WMJX	6.615
Milligan Street	WMIL	8.645
Moora	WMOR	13.137
Morley	WMOY	7.004
Mt Barker	WMBR	15.662
Muchea Kerr McGee	WKMM	10.421
Muchea (Local)	WLMC	6.900
Muja PWS	WMPS	1.957
Mullaloo	WMUL	6.498
Murdoch	WMUR	4.048
Mundaring Weir	WMWR	11.373
Myaree	WMYR	8.809
Narrogin	WNGN	23.850
Nedlands	WNED	8.594
North Beach	WNBH	6.905
North Fremantle	WNFL	8.068
North Perth	WNPH	5.359
Northam	WNOR	14.091
O'Connor	WOCN	7.982
Osborne Park	WOPK	6.853
Padbury	WPBY	6.498
Parkeston	WPRK	21.059
Parklands	WPLD	5.226

Substation	TNI	Use of System Price (c/kW/day)
Piccadilly	WPCY	19.164
Picton 66kV	WPIC	5.855
Pinjarra	WPNJ	4.822
Rangeway	WRAN	16.964
Regans	WRGN	11.835
Riverton	WRTN	4.048
Rivervale	WRVE	9.385
Rockingham	WROH	4.020
Sawyers Valley	WSVY	14.648
Shenton Park	WSPA	8.759
Southern River	WSNR	4.849
South Fremantle 22kV	WSFT	5.260
Summer St	WSUM	11.816
Tate Street	WTTS	8.401
Three Springs	WTSG	12.428
Tomlinson Street	WTLN	9.190
University	WUNI	10.438
Victoria Park	WVPA	8.154
Wagerup	WWGP	3.674
Wagin	WWAG	15.853
Waikiki	WWAI	4.445
Wangara	WWGA	6.498
Wanneroo	WWNO	6.056
WEB Grating	WWEB	43.904
Wellington Street	WWNT	10.005
Welshpool	WWEL	4.744
Wembley Downs	WWDN	8.786
West Kalgoorlie	WWKT	17.592
Western Collieries	WWCL	2.444
Western Mining	WWMG	2.871
Westralian Sands	WWSD	8.795
Willetton	WWLN	4.466
Worsley	WWOR	3.155
Wundowie	WWUN	15.287
Yanchep	WYCP	5.483
Yerbillon	WYER	28.227
Yilgarn	WYLN	16.095
Yokine	WYKE	6.678

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

Table 14

Substation	TNI	Use of System (c/kW/day)
Albany Windfarm	WALB	2.648
Boulder	WBLD	2.358
Bluewaters	WBWP	3.276
Cockburn PWS	WCKB	1.647
Collgar	WCGW	2.784
Collie PWS	WCPS	2.816
Emu Downs	WEMD	2.930
Geraldton GT	WGTN	0.558
Kemerton PWS	WKEM	2.648
Kwinana Alcoa	WAKW	1.850
Kwinana Donaldson Road (Western Energy)	WKND	1.555
Kwinana PWS	WKPS	1.647
Landweir (Alinta)	WLWT	2.441
Mason Road	WMSR	1.555
Mason Road Hismelt	WHIS	1.350
Merredin Power Station	TMDP	2.784
Muja PWS	WMPS	2.973
Mungarra GTs	WMGA	3.235
Newgen Kwinana	WNGK	2.100
Newgen Neerabup	WGNN	1.614
Oakley (Alinta)	WOLY	2.757
Parkeston	WPKS	2.843
Pinjar GTs	WPJR	1.614
Alcoa Pinjarra	WAPJ	2.894
Tiwest GT	WKMK	1.606
Wagerup Alcoa	WAWG	2.009
Walkaway Windfarm	WWWF	3.562
West Kalgoorlie GTs	WWKT	2.311
Worsley	WWOR	2.474

5.3.2 Common Service Prices

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

Table 15

	Common Service Price (c/kW/day)
Common Service Price	6.168

5.3.3 Control System Service Prices

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

Table 16

	Price (c/kW/day)
Control System Service Price (Generators)	0.133

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

Table 17

	Price (c/kW/day)
Control System Service Price (Loads)	1.018

5.3.4 Metering prices

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

Table 18

	c/metering unit/day
Transmission Metering	4,233.137

6 NON REFERENCE SERVICE TARIFFS

The fees listed below are referred to in the Applications and Queuing Policy. 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.

All prices quoted in this Price List are **GST exclusive**.

Table 19

Fee type	Price
New Standard Access Contract Fee	$1,150.00
Access Contract Modification Fee	$140.00 per modification
Transmission Enquiry Application Fee	$3,500.00
Transmission Connection Application Fee	$5,000.00
Distribution Connection Application Fee	$2,500.00
Preliminary Offer Processing Fee	Details available from Western Power's website[4]
Preliminary Acceptance Fee	Details available from Western Power's website[4]

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	$0.00 per connection point
A3 – Time of Use Energy (Residential) Exit Service	$0.00 per connection point
A4 – Time of Use Energy (Business) Exit Service	$0.00 per connection point
A5 – High Voltage Metered Demand Exit Service	$44.00 per connection point
A6 – Low Voltage Metered Demand Exit Service	$44.00 per connection point
A7 – High Voltage Contract Maximum Demand Exit Service	$88.00 per connection point
A8 – Low Voltage Contract Maximum Demand Exit Service	$88.00 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	$175.00 per connection point
B1 – Distribution Entry Service	$175.00 per connection point
B2 – Transmission Entry Service	$175.00 per connection point
C1 – Anytime Energy (Residential) Bi-directional Service	$0.00 per connection point
C2 – Anytime Energy (Business) Bi-directional Service	$0.00 per connection point
C3 – Time of Use (Residential) Bi-directional Service	$0.00 per connection point
C4 – Time of Use (Business) Bi-directional Service	$0.00 per connection point

[4] Available from 1 February 2013 from:
http://www.westernpower.com.au/aboutus/accessArrangement/Networkaccessprices.jsp