

Price List

ELECTRICITY NETWORKS CORPORATION
("WESTERN POWER")

ABN 18 540 492 861

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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 the revisions commencement date and ending on 30 June 2010.

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-Discout);
- (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-Discout);
- (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:

$$\text{For MD} < 1,000 \text{ kVA} \quad (E_{\text{Off Peak}}/E_{\text{Total}}) * \text{DF}$$

$$\text{For } 1,000 \leq \text{MD} < 1,500 \text{ kVA} \quad ((1500 - \text{MD})/500) * (E_{\text{Off Peak}}/E_{\text{Total}}) * \text{DF}$$

$$\text{For MD} \Rightarrow 1,500 \text{ kVA} \quad 0$$

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%

$E_{\text{Off Peak}}$ 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 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 contracted maximum demand 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 contracted maximum demand (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);
- (b) If the contracted maximum demand 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 contracted maximum demand 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 contracted maximum demand (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:

$$\text{ENUC} = \text{ENUC}_{\text{Transmission}} + \text{ENUC}_{\text{Distribution}}$$

Where

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

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

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 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 contracted maximum demand 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 contracted maximum demand (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);
- (b) If the contracted maximum demand 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 contracted maximum demand 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 contracted maximum demand (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:

$$\text{ENUC} = \text{ENUC}_{\text{Transmission}} + \text{ENUC}_{\text{Distribution}}$$

Where

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

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

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 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 declared sent-out capacity at the entry point (expressed in kW);
- (d) If the declared sent-out capacity is less than 7,000 kVA:
 - i. if the entry point is connected at 415 V or less and the declared sent out capacity 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

- declared sent-out capacity (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 declared sent out capacity 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 declared sent-out capacity (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);
- (e) If the declared sent-out capacity 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 declared sent-out capacity (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 declared sent-out capacity (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 declared sent-out capacity 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:

$$\text{ENUC} = \text{ENUC}_{\text{Transmission}} + \text{ENUC}_{\text{Distribution}}$$

Where

$$\text{ENUC}_{\text{Transmission}} = \text{ENUM} * (\text{PD}_{\text{kW}} - \text{DSOC}_{\text{kW}}) * \text{TEPC} / \text{DSOC}_{\text{kW}}$$

$$\text{ENUC}_{\text{Distribution}} = \text{ENUM} * (\text{PD}_{\text{kVA}} - \text{DSOC}_{\text{kVA}}) * (\text{DLC}) / \text{DSOC}_{\text{kVA}}$$

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 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 contracted maximum demand 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 contracted maximum demand 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:

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

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:

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

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 WA¹.

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	1.534	-	-	-
Distribution	27.408	3.629	-	-	-
Bundled Tariff	27.408	5.163	-	-	-
Reference tariff 2 - RT2					
Transmission	0.000	1.842	-	-	-
Distribution	27.408	5.114	-	-	-
Bundled Tariff	27.408	6.956	-	-	-
Reference tariff 3 - RT3					
Transmission	0.000	-	2.859	-	0.600
Distribution	27.408	-	5.806	-	1.346
Bundled Tariff	27.408	-	8.665	-	1.946
Reference tariff 4 - RT4					
Transmission	0.000	-	2.351	-	0.567
Distribution	34.345	-	5.298	-	1.211
Bundled Tariff	34.345	-	7.649	-	1.778
Reference tariff 9 - RT9					
Transmission	0.000	1.202	-	-	-
Distribution	2.811	2.806	-	-	-
Bundled Tariff	2.811	4.008	-	-	-
Reference tariff 10 - RT10					
Transmission	0.000	0.766	-	-	-
Distribution	16.501	3.337	-	-	-
Bundled Tariff	16.501	4.103	-	-	-
Reference tariff 12 - RT12					
Transmission	0.000	-	3.395	1.534	0.600
Distribution	27.408	-	8.049	3.629	1.346
Bundled Tariff	27.408	-	11.444	5.163	1.946

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	14.697
Alcoa Pinjarra	WAPJ	6.586
Amherst	WAMT	3.784
Arkana	WARK	5.068
Australian Fused Materials	WAFM	2.742
Australian Paper Mills	WAPM	5.309
Baandee (WC)	WBDE	19.981
Beckenham	WBEC	13.818
Beechboro	WBCH	4.490
Beenup	WBNP	20.215
Belmont	WBEL	3.888
Bentley	WBTY	7.154
Bibra Lake	WBIB	5.086
Black Flag	WBKF	16.987
Boddington Gold	WBOD	3.099
Boddington (Local)	WABD	3.099
Boddington Reynolds	WRBD	3.012
Boulder	WBLD	15.831
Bounty	WBNY	39.708
Bridgetown	WBTN	8.256
British Petroleum	WBPM	5.722
Broken Hill Kwinana	WBHK	5.043
Bunbury Harbour	WBUH	3.121
Busselton	WBSN	11.765
Byford	WBYF	3.690
Canning Vale	WCVE	3.447
Capel	WCAP	8.350
Carrabin	WCAR	24.344
Cataby Kerr McGee	WKMC	9.813
Chapman	WCPN	16.550
Clarence Street	WCLN	7.298
Clarkson	WCKN	5.464
Cockburn Cement	WCCT	2.690
Cockburn Cement Ltd	WCCL	2.917
Collie	WCOE	13.014
Collier	WCOL	7.468
Cook Street	WCKT	5.491
Coolup	WCLP	14.462
Cottesloe	WCOT	6.642
Cunderdin	WCUN	17.481
Darlington	WDTN	4.718
Edgewater	WEDG	5.091
Edmund Street	WEDD	5.596
Eneabba	WENB	11.868
Forrest Ave	WFRT	7.522
Forrestfield	WFFD	4.524

Substation	TNI	Use of System Price c/kW/day
Geraldton	WGTV	12.753
Glen Iris	WGNI	3.217
Golden Grove	WGGV	33.930
Gosnells	WGNL	3.727
Hadfields	WHFS	4.658
Hay Street	WHAY	6.329
Henley Brook	WHBK	4.301
Herdsmen Parade	WHEP	8.943
Joel Terrace	WJTE	7.247
Kalamunda	WKDA	4.463
Katanning	WKAT	13.997
Kellerberrin	WKEL	19.156
Kojonup	WKOJ	5.535
Kondinin	WKDN	7.930
Kwinana Alcoa	WAKW	1.083
Kwinana Desalination Plant	WKDP	2.818
Landsdale	WLDE	4.649
Malaga	WMLG	4.025
Mandurah	WMHA	4.466
Manjimup	WMJP	8.107
Manning Street	WMAG	5.796
Margaret River	WMRV	18.734
Marriott Road Barrack Silicon Smelter	WBSI	3.593
Marriott Road (Local)	WLMR	3.146
Mason Road	WMSR	1.725
Mason Road CSBP	WCBP	3.079
Mason Road Hismelt	WHIS	6.741
Mason Road Kerr McGee	WKMK	1.725
Meadow Springs	WMSS	4.151
Medical Centre	WMCR	7.567
Medina	WMED	2.475
Merredin 66kV	WMER	16.302
Midland Junction	WMJX	5.485
Milligan Street	WMIL	7.168
Moora	WMOR	9.876
Morley	WMOY	5.807
Mt Barker	WMBR	12.963
Muchea Kerr McGee	WKMM	7.834
Muchea (Local)	WLMC	5.187
Mullaloo	WMUL	5.388
Murdoch	WMUR	3.357
Mundaring Weir	WMWR	8.785
Myaree	WMYR	6.782
Narrogin	WNGN	19.777
Nedlands	WNED	6.621
North Beach	WNBH	5.726
North Fremantle	WNFL	6.480
North Perth	WNPH	4.257
Northam	WNOR	11.684

Substation	TNI	Use of System Price c/kW/day
O'Connor	WOCN	6.001
Osborne Park	WOPK	5.682
Padbury	WPBY	5.388
Parkeston	WPRK	15.831
Parklands	WPLD	4.334
Piccadilly	WPCY	15.180
Picton 66kv	WPIC	4.688
Pinjarra	WPNJ	3.988
Rangeway	WRAN	12.753
Regans	WRGN	9.813
Riverton	WRTN	3.357
Rivervale	WRVE	7.782
Rockingham	WROH	3.334
Sawyers Valley	WSVL	12.146
Shenton Park	WSPA	6.659
Southern River	WSNR	3.646
South Fremantle 22kV	WSFT	3.954
Summer St	WSUM	9.798
Tate Street	WTTS	6.316
Three Springs	WTSG	10.105
Tomlinson Street	WTLN	7.621
University	WUNI	7.847
Victoria Park	WVPA	6.130
Wagerup	WWGP	3.046
Wagin	WWAG	11.918
Waikiki	WWAI	3.686
Wanneroo	WWNO	5.021
WEB Grating	WWEB	36.406
Wellington Street	WWNT	7.522
Welshpool	WWEL	3.934
Wembley Downs	WWDN	6.862
West Kalgoorlie	WWKT	13.328
Western Collieries	WWCL	1.837
Western Mining	WWMG	2.159
Westralian Sands	WWSD	7.293
Worsley	WWOR	2.372
Wundowie	WWUN	12.547
Yanchep	WYCP	4.546
Yerbillon	WYER	23.406
Yilgarn	WYLN	13.346
Yokine	WYKE	5.538

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	2.616
Boulder	WBLD	2.329
Bluewaters 1	WBWP	3.237
Cockburn PWS	WCKB	1.628
Collie PWS	WCPS	2.729
Emu Downs	WEMD	2.578
Geraldton GT	WGTM	0.551
Kemerton PWS	WKEM	2.616
Kwinana Alcoa	WAKW	1.628
Kwinana PWS	WKPS	1.628
Landweir (Alinta)	WLWT	2.412
Mason Road	WMSR	1.536
Mason Road Hismelt	WHIS	1.334
Muja PWS	WMPS	2.616
Mungarra GTs	WMGA	2.846
Newgen Kwinana	WNGK	1.881
Oakley (Alinta)	WOLY	2.724
Parkeston	WPKS	2.809
Pinjar GTs	WPJR	1.420
Alcoa Pinjarra	WAPJ	2.860
Tiwest GT	WKMK	1.587
Wagerup Alcoa	WAWG	1.861
Walkaway Windfarm	WWWF	3.135
West Kalgoorlie GTs	WWKT	2.284
Worsley	WWOR	2.444

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	5.473

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	4.986

5.4 Metered Demand Prices

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

Table 6

Demand (kVA) (Lower to upper threshold)	Transmission		Distribution		Bundled Tariff	
	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	19.708	59.266	26.068	59.266	45.776
300 to 1000	5,912.400	14.590	7,879.666	19.597	13,792.066	34.187
1000 to 1500	16,125.400	8.335	21,597.566	8.200	37,722.966	16.535

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

Table 7

Demand (kVA) (Lower to upper threshold)	Transmission		Distribution		Bundled Tariff	
	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	19.708	454.400	29.627	454.400	49.335
300 to 1000	5,912.400	14.590	9,342.500	23.156	15,254.900	37.746
1000 to 1500	16,125.400	8.335	25,551.700	11.367	41,677.100	19.702

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	13,501.636	14.403	14.274	16,198.904	5.540	7.063	29,700.540	19.943	21.337
Forrest Avenue	WFRT	CBD	13,501.636	14.403	14.274	16,198.904	5.540	7.063	29,700.540	19.943	21.337
Hay Street	WHAY	CBD	13,501.636	14.403	14.274	16,198.904	5.540	7.063	29,700.540	19.943	21.337
Milligan Street	WMIL	CBD	13,501.636	14.403	14.274	16,198.904	5.540	7.063	29,700.540	19.943	21.337
Wellington Street	WWNT	CBD	13,501.636	14.403	14.274	16,198.904	5.540	7.063	29,700.540	19.943	21.337
Black Flag	WBKF	Goldfields Mining	13,501.636	28.972	26.762	16,198.904	2.801	4.715	29,700.540	31.773	31.477
Boulder	WBLD	Goldfields Mining	13,501.636	27.709	25.679	16,198.904	2.801	4.715	29,700.540	30.510	30.394

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)
Bounty	WBNY	Goldfields Mining	13,501.636	53.772	48.019	16,198.904	2.801	4.715	29,700.540	56.573	52.734
West Kalgoorlie	WWKT	Goldfields Mining	13,501.636	24.976	23.337	16,198.904	2.801	4.715	29,700.540	27.777	28.052
Albany	WALB	Mixed	13,501.636	25.964	24.184	16,198.904	6.180	7.611	29,700.540	32.144	31.795
Boddington	WBOD	Mixed	13,501.636	13.530	13.526	16,198.904	6.180	7.611	29,700.540	19.710	21.137
Bunbury Harbour	WBUH	Mixed	13,501.636	13.552	13.545	16,198.904	6.180	7.611	29,700.540	19.732	21.156
Busselton	WBSN	Mixed	13,501.636	22.821	21.490	16,198.904	6.180	7.611	29,700.540	29.001	29.101
Byford	WBYF	Mixed	13,501.636	14.162	14.068	16,198.904	6.180	7.611	29,700.540	20.342	21.679
Capel	WCAP	Mixed	13,501.636	19.159	18.351	16,198.904	6.180	7.611	29,700.540	25.339	25.962
Chapman	WCPN	Mixed	13,501.636	27.952	25.888	16,198.904	6.180	7.611	29,700.540	34.132	33.499
Darlington	WDTN	Mixed	13,501.636	15.266	15.014	16,198.904	6.180	7.611	29,700.540	21.446	22.625
Durlacher Street	WDUR	Mixed	13,501.636	23.880	22.397	16,198.904	6.180	7.611	29,700.540	30.059	30.008
Eneabba	WENB	Mixed	13,501.636	22.931	21.584	16,198.904	6.180	7.611	29,700.540	29.111	29.195
Geraldton	WGTN	Mixed	13,501.636	23.880	22.397	16,198.904	6.180	7.611	29,700.540	30.059	30.008
Marriott Road	WMRR	Mixed	13,501.636	13.578	13.567	16,198.904	6.180	7.611	29,700.540	19.758	21.178
Muchea	WMUC	Mixed	13,501.636	15.768	15.444	16,198.904	6.180	7.611	29,700.540	21.947	23.055
Northam	WNOR	Mixed	13,501.636	22.735	21.416	16,198.904	6.180	7.611	29,700.540	28.915	29.027
Picton	WPIC	Mixed	13,501.636	15.233	14.986	16,198.904	6.180	7.611	29,700.540	21.413	22.597
Rangeway	WRAN	Mixed	13,501.636	23.880	22.397	16,198.904	6.180	7.611	29,700.540	30.059	30.008
Sawyers Valley	WSVL	Mixed	13,501.636	23.231	21.841	16,198.904	6.180	7.611	29,700.540	29.411	29.452
Yanchep	WYCP	Mixed	13,501.636	15.081	14.855	16,198.904	6.180	7.611	29,700.540	21.260	22.466
Yilgarn	WYLN	Mixed	13,501.636	24.515	22.942	16,198.904	6.180	7.611	29,700.540	30.695	30.553
Baandee	WBDE	Rural	13,501.636	32.008	29.364	16,198.904	3.009	4.893	29,700.540	35.016	34.257
Beenup	WBNP	Rural	13,501.636	32.261	29.581	16,198.904	3.009	4.893	29,700.540	35.270	34.474
Bridgetown	WBTN	Rural	13,501.636	19.296	18.468	16,198.904	3.009	4.893	29,700.540	22.304	23.361
Carrabin	WCAR	Rural	13,501.636	36.739	33.419	16,198.904	3.009	4.893	29,700.540	39.747	38.312
Collie	WCOE	Rural	13,501.636	24.455	22.890	16,198.904	3.009	4.893	29,700.540	27.463	27.783
Coolup	WCLP	Rural	13,501.636	26.025	24.236	16,198.904	3.009	4.893	29,700.540	29.034	29.129
Cunderdin	WCUN	Rural	13,501.636	29.298	27.041	16,198.904	3.009	4.893	29,700.540	32.306	31.934
Katanning	WKAT	Rural	13,501.636	25.520	23.803	16,198.904	3.009	4.893	29,700.540	28.529	28.696
Kellerberrin	WKEL	Rural	13,501.636	31.113	28.597	16,198.904	3.009	4.893	29,700.540	34.122	33.490
Kojonup	WKOJ	Rural	13,501.636	16.346	15.940	16,198.904	3.009	4.893	29,700.540	19.355	20.833
Kondinin	WKDN	Rural	13,501.636	18.941	18.164	16,198.904	3.009	4.893	29,700.540	21.950	23.057
Manjimup	WMJP	Rural	13,501.636	19.134	18.329	16,198.904	3.009	4.893	29,700.540	22.142	23.222
Margaret River	WMRV	Rural	13,501.636	30.656	28.205	16,198.904	3.009	4.893	29,700.540	33.664	33.098
Merredin	WMER	Rural	13,501.636	28.019	25.945	16,198.904	3.009	4.893	29,700.540	31.028	30.838
Moora	WMOR	Rural	13,501.636	21.052	19.973	16,198.904	3.009	4.893	29,700.540	24.060	24.866
Mount Barker	WMBR	Rural	13,501.636	24.398	22.841	16,198.904	3.009	4.893	29,700.540	27.406	27.734
Narogin	WNGN	Rural	13,501.636	31.787	29.175	16,198.904	3.009	4.893	29,700.540	34.796	34.068
Pinjarra	WPNJ	Rural	13,501.636	14.668	14.501	16,198.904	3.009	4.893	29,700.540	17.676	19.394
Regans	WRGN	Rural	13,501.636	20.984	19.915	16,198.904	3.009	4.893	29,700.540	23.993	24.808
Three Springs	WTSG	Rural	13,501.636	21.300	20.186	16,198.904	3.009	4.893	29,700.540	24.309	25.079
Wagerup	WWGP	Rural	13,501.636	13.648	13.627	16,198.904	3.009	4.893	29,700.540	16.657	18.520

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)
Wagin	WWAG	Rural	13,501.636	23.266	21.871	16,198.904	3.009	4.893	29,700.540	26.275	26.764
Wundowie	WWUN	Rural	13,501.636	23.947	22.455	16,198.904	3.009	4.893	29,700.540	26.956	27.348
Yerbillon	WYER	Rural	13,501.636	35.722	32.548	16,198.904	3.009	4.893	29,700.540	38.731	37.441
Amherst	WAMT	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Arkana	WARK	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Australian Paper Mills	WAPM	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Beechboro	WBCH	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Belmont	WBEL	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Bentley	WBTY	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Bibra Lake	WBIB	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
British Petroleum	WBPM	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Canning Vale	WCVE	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Clarence Street	WCLN	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Clarkson	WCKN	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Cockburn Cement	WCCT	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Collier	WCOL	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Cottesloe	WCOT	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Edmund Street	WEDD	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Forrestfield	WFFD	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Gosnells	WGNL	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Hadfields	WHFS	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Hazelmere	WHZM	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Henley Brook	WHBK	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Herdsmen Parade	WHEP	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Joel Terrace	WJTE	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Joondalup	WJDP	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Joondanna	WJDA	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Kalamunda	WKDA	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Kambalda	WKBA	Urban	13,501.636	27.709	25.679	16,198.904	0.986	3.159	29,700.540	28.694	28.838
Kewdale	WKDL	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Landsdale	WLDE	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Malaga	WMLG	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Mandurah	WMHA	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Manning Street	WMAG	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Mason Road	WMSR	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Meadow Springs	WMSS	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Medical Centre	WMCR	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Medina	WMED	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Midland Junction	WMJX	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Morley	WMOY	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Mullaloo	WMUL	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154

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)
Mundaring Weir	WMWR	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Murdoch	WMUR	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Myaree	WMYR	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Nedlands	WNED	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
North Beach	WNBH	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
North Fremantle	WNFL	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
North Perth	WNPH	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
OConnor	WOCN	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Osborne Park	WOPK	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Padbury	WPBY	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Piccadilly	WPCY	Urban	13,501.636	25.737	23.989	16,198.904	0.986	3.159	29,700.540	26.723	27.148
Riverton	WRTN	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Rivervale	WRVE	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Rockingham	WROH	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Shenton Park	WSPA	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Sth Ftle Power Station	WSFT	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Southern River	WSNR	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Tate Street	WTTS	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
University	WUNI	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Victoria Park	WVPA	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Waikiki	WWAI	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Wanneroo	WWNO	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Welshpool	WWEL	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Wembley Downs	WWDN	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Willeton	WWLN	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154
Yokine	WYKE	Urban	13,501.636	15.244	14.995	16,198.904	0.986	3.159	29,700.540	16.230	18.154

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

Pricing Zone	Demand-Length Charge	
	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	0.745	0.521
Mining	0.162	0.113
Mixed	0.350	0.245
Rural	0.244	0.171

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

Pricing Zone	Demand-Length Charge	
	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	0.639	0.447
Mining	0.140	0.096
Mixed	0.300	0.210
Rural	0.210	0.146

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)	0.164

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

Table 12

	Price (c/kW/day)
Control System Service Price (Loads)	1.159

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	3.479	0.778	-	-	-
Reference tariff 2 - RT2					
Metering Price	3.479	0.778	-	-	-
Reference tariff 3 - RT3					
Metering Price	3.479	-	0.998	-	0.998
Reference tariff 4 - RT4					
Metering Price	6.964	-	0.169	-	0.169
Reference tariff 12 RT12					
Metering Price	3.479	-	0.998	0.998	0.998

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)	1055.589
	Low voltage (415 volts or less)	190.205
Customer funded	High Voltage (6.6 kV or higher)	338.655
	Low Voltage (415 volts or less)	61.022

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

Table 15

	c/metering unit/day
Transmission Metering	3,713.278

5.9 Administration Prices

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

Table 16

Peak Demand	Price (c/day)
$\geq 7,000$ kVA	3,763.000
$< 7,000$ kVA	2,161.000

5.10 Low Voltage Prices

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

Table 17

Category	Price (c/day)
Fixed	395.132
Demand	3.156/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
50W MV	11.340
70W MH	31.877
70W HPS	15.679
80W MV	15.263
125W MV	18.975
150W MH	36.830
150W HPS	20.625
250W MH	36.830
250W HPS	20.625
250W MV	24.753
400W MV	25.992

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

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