

# 2010/11 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 1 July 2010 and ending on 30 June 2011.

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:

For MD < 1,000 kVA	$(E_{\text{Off Peak}}/E_{\text{Total}}) * DF$
For 1,000 <= MD <1,500 kVA	$((1500 - MD)/500) * (E_{\text{Off Peak}}/E_{\text{Total}}) * DF$
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%
$E_{\text{Off Peak}}$	is the total off peak energy for the billing period (expressed in kWh); and

$E_{\text{Total}}$  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 (CMD) at an exit point (expressed in kVA) minus 1,000 kVA; plus
  - iii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 9) by the electrical distance to the zone substation by the 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 (CMD) at an exit point (expressed in kVA); plus
  - ii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 10) by the electrical distance to the zone substation by the 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<sub>Transmission</sub> are the applicable transmission components of the fixed and variable demand charges for the billing period for the nominated CMD

DC<sub>Distribution</sub> 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 (CMD) at an exit point (expressed in kVA) minus 1,000 kVA; plus
  - iii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 9) by the electrical distance to the zone substation by the 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 (CMD) at an exit point (expressed in kVA); plus
  - ii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 10) by the electrical distance to the zone substation by the 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<sub>Transmission</sub> are the applicable transmission components of the fixed and variable demand charges for the billing period for the nominated CMD

DC<sub>Distribution</sub> are the applicable distribution components of the fixed and variable demand charges for the billing period for the nominated CMD

DLC are the applicable variable demand length charges for the billing period for the nominated CMD

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

**Notes:**

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

### 3.7 Reference Tariff 9 (RT9)

Reference Tariff RT9 consists of:

- (a) a fixed use of system charge (detailed in Table 1) which is payable each day;
- (b) a variable use of system charge calculated by multiplying the energy price (detailed in Table 1) by the estimated quantity of electricity consumed at an exit point (expressed in kWh and is based on the lamp wattage and illumination period); and
- (c) a fixed asset charge based on the type of streetlight asset supplied (detailed in Table 18).

### 3.8 Reference Tariff 10 (RT10)

Reference Tariff RT10 consists of:

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

### 3.9 Reference Tariff 11 (RT11)

#### 3.9.1 Tariff Calculation

Reference Tariff RT11 consists of:

- (a) a variable connection charge calculated by multiplying the connection price (detailed in Table 4) by the loss-factor adjusted declared sent-out capacity (DSOC) at the entry point (expressed in kW);
- (b) a variable control system service charge calculated by multiplying the control system service price (detailed in Table 11) by the nameplate output of the generator at the entry point (expressed in kW);
- (c) a variable use of system charge calculated by multiplying the use of system price (based on the location of the electrically closest major generator and detailed in Table 3) by the loss-factor adjusted 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 (CMD) at the exit point (expressed in kW);
- (c) a variable common service charge calculated by multiplying the common service price (detailed in Table 5) by the 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 WA<sup>1</sup>.

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	1.748	-	-	-
Distribution	31.795	4.210	-	-	-
Bundled Tariff	31.795	5.958	-	-	-
Reference tariff 2 - RT2					
Transmission	0.000	2.099	-	-	-
Distribution	31.795	5.932	-	-	-
Bundled Tariff	31.795	8.031	-	-	-
Reference tariff 3 - RT3					
Transmission	0.000	-	3.258	-	0.684
Distribution	31.795	-	6.735	-	1.562
Bundled Tariff	31.795	-	9.993	-	2.246
Reference tariff 4 - RT4					
Transmission	0.000	-	2.679	-	0.646
Distribution	39.841	-	6.145	-	1.405
Bundled Tariff	39.841	-	8.824	-	2.051
Reference tariff 9 - RT9					
Transmission	0.000	1.370	-	-	-
Distribution	3.260	3.255	-	-	-
Bundled Tariff	3.260	4.625	-	-	-
Reference tariff 10 - RT10					
Transmission	0.000	0.873	-	-	-
Distribution	19.142	3.871	-	-	-
Bundled Tariff	19.142	4.744	-	-	-
Reference tariff 12 - RT12					
Transmission	0.000	-	3.869	1.748	0.684
Distribution	31.795	-	9.336	4.210	1.562
Bundled Tariff	31.795	-	13.205	5.958	2.246

<sup>1</sup> 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	16.754
Alcoa Pinjarra	WAPJ	7.508
Amherst	WAMT	4.313
Arkana	WARK	5.778
Australian Fused Materials	WAFM	3.126
Australian Paper Mills	WAPM	6.052
Baandee (WC)	WBDE	22.779
Beckenham	WBEC	15.753
Beechboro	WBCH	5.119
Beenup	WBNP	23.045
Belmont	WBEL	4.432
Bentley	WBTY	8.156
Bibra Lake	WBIB	5.798
Black Flag	WBKF	19.366
Boddington Gold	WBOD	3.533
Boddington (Local)	WABD	3.533
Boddington Reynolds	WRBD	3.433
Boulder	WBLD	18.048
Bounty	WBNY	45.267
Bridgetown	WBTN	9.412
British Petroleum	WBPM	6.523
Broken Hill Kwinana	WBHK	5.749
Bunbury Harbour	WBUH	3.558
Busselton	WBSN	13.412
Byford	WBYF	4.206
Canning Vale	WCVL	3.929
Capel	WCAP	9.519
Carrabin	WCAR	27.752
Cataby Kerr McGee	WKMC	11.187
Chapman	WCPN	18.867
Clarence Street	WCLN	8.320
Clarkson	WCKN	6.228
Cockburn Cement	WCCT	3.067
Cockburn Cement Ltd	WCCL	3.325
Collie	WCOE	14.836
Collier	WCOL	8.513
Cook Street	WCKT	6.260
Coolup	WCLP	16.487
Cottesloe	WCOT	7.572
Cunderdin	WCUN	19.928
Darlington	WDTN	5.379
Edgewater	WEDG	5.804
Edmund Street	WEDD	6.380
Eneabba	WENB	13.529
Forrest Ave	WFRT	8.575
Forrestfield	WFFD	5.157

Substation	TNI	Use of System Price c/kW/day
Geraldton	WGTM	14.538
Glen Iris	WGNI	3.667
Golden Grove	WGGV	38.680
Gosnells	WGNL	4.248
Hadfields	WHFS	5.310
Hay Street	WHAY	7.215
Henley Brook	WHBK	4.903
Herdsmen Parade	WHEP	10.195
Joel Terrace	WJTE	8.261
Kalamunda	WKDA	5.088
Katanning	WKAT	15.957
Kellerberrin	WKEL	21.838
Kojonup	WKOJ	6.309
Kondinin	WKDN	9.040
Kwinana Alcoa	WAKW	1.235
Kwinana Desalination Plant	WKDP	3.213
Landsdale	WLDE	5.300
Malaga	WMLG	4.588
Mandurah	WMHA	5.091
Manjimup	WMJP	9.242
Manning Street	WMAG	6.608
Margaret River	WMRV	21.357
Marriott Road Barrack Silicon Smelter	WBSI	4.096
Marriott Road (Local)	WLMR	3.586
Mason Road	WMSR	1.967
Mason Road CSBP	WCBP	3.511
Mason Road Hismelt	WHIS	7.685
Mason Road Kerr McGee	WKMK	1.967
Meadow Springs	WMSS	4.732
Medical Centre	WMCR	8.627
Medina	WMED	2.822
Merredin 66kV	WMER	18.584
Midland Junction	WMJX	6.253
Milligan Street	WMIL	8.172
Moora	WMOR	11.259
Morley	WMOY	6.621
Mt Barker	WMBR	14.777
Muchea Kerr McGee	WKMM	8.931
Muchea (Local)	WLMC	5.913
Mullaloo	WMUL	6.143
Murdoch	WMUR	3.827
Mundaring Weir	WMWR	10.015
Myaree	WMYR	7.732
Narrogin	WNGN	22.546
Nedlands	WNED	7.548
North Beach	WNBH	6.527
North Fremantle	WNFL	7.387
North Perth	WNPH	4.853
Northam	WNOR	13.320

Substation	TNI	Use of System Price c/kW/day
O'Connor	WOCN	6.841
Osborne Park	WOPK	6.478
Padbury	WPBY	6.143
Parkeston	WPRK	18.048
Parklands	WPLD	4.940
Piccadilly	WPCY	17.306
Picton 66kv	WPIC	5.345
Pinjarra	WPNJ	4.547
Rangeway	WRAN	14.538
Regans	WRGN	11.187
Riverton	WRTN	3.827
Rivervale	WRVE	8.871
Rockingham	WROH	3.800
Sawyers Valley	WSVL	13.847
Shenton Park	WSPA	7.591
Southern River	WSNR	4.156
South Fremantle 22kV	WSFT	4.508
Summer St	WSUM	11.169
Tate Street	WTTS	7.200
Three Springs	WTSG	11.520
Tomlinson Street	WTLN	8.687
University	WUNI	8.945
Victoria Park	WVPA	6.988
Wagerup	WWGP	3.473
Wagin	WWAG	13.586
Waikiki	WWAI	4.202
Wanneroo	WWNO	5.724
WEB Grating	WWEB	41.503
Wellington Street	WWNT	8.575
Welshpool	WWEL	4.484
Wembley Downs	WWDN	7.823
West Kalgoorlie	WWKT	15.194
Western Collieries	WWCL	2.094
Western Mining	WWMG	2.461
Westralian Sands	WWSD	8.314
Worsley	WWOR	2.704
Wundowie	WWUN	14.304
Yanchep	WYCP	5.183
Yerbillon	WYER	26.683
Yilgarn	WYLN	15.214
Yokine	WYKE	6.313

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	2.983
Boulder	WBLD	2.656
Bluewaters	WBWP	3.690
Cockburn PWS	WCKB	1.855
Collie PWS	WCPS	3.111
Emu Downs	WEMD	2.939
Geraldton GT	WGTM	0.628
Kemerton PWS	WKEM	2.983
Kwinana Alcoa	WAKW	1.855
Kwinana PWS	WKPS	1.855
Landweir (Alinta)	WLWT	2.750
Mason Road	WMSR	1.751
Mason Road Hismelt	WHIS	1.521
Muja PWS	WMPS	2.983
Mungarra GTs	WMGA	3.245
Newgen Kwinana	WNGK	2.144
Newgen Neerabup	WGNN	1.619
Oakley (Alinta)	WOLY	3.105
Parkeston	WPKS	3.202
Pinjar GTs	WPJR	1.619
Alcoa Pinjarra	WAPJ	3.260
Tiwest GT	WKMK	1.809
Wagerup Alcoa	WAWG	2.122
Walkaway Windfarm	WWWF	3.574
West Kalgoorlie GTs	WWKT	2.603
Worsley	WWOR	2.786

## 5.2 Connection Prices

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

Table 4

	Connection Price c/kW/day
Connection Price	6.238

## 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	5.684

## 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	22.462	68.748	30.241	68.748	52.703
300 to 1000	6,738.600	16.628	9,141.048	22.732	15,879.648	39.360
1000 to 1500	18,378.200	9.500	25,053.448	9.510	43,431.648	19.010

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	22.462	527.104	34.370	527.104	56.832
300 to 1000	6,738.600	16.628	10,838.104	26.860	17,576.704	43.488
1000 to 1500	18,378.200	9.500	29,640.104	13.184	48,018.304	22.684

## 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	15,388.104	16.422	16.274	18,790.685	6.429	8.195	34,178.789	22.851	24.469
Forrest Avenue	WFRT	CBD	15,388.104	16.422	16.274	18,790.685	6.429	8.195	34,178.789	22.851	24.469
Hay Street	WHAY	CBD	15,388.104	16.422	16.274	18,790.685	6.429	8.195	34,178.789	22.851	24.469
Milligan Street	WMIL	CBD	15,388.104	16.422	16.274	18,790.685	6.429	8.195	34,178.789	22.851	24.469
Wellington Street	WWNT	CBD	15,388.104	16.422	16.274	18,790.685	6.429	8.195	34,178.789	22.851	24.469
Black Flag	WBKF	Goldfields Mining	15,388.104	33.027	30.507	18,790.685	3.248	5.468	34,178.789	36.274	35.975
Boulder	WBLD	Goldfields Mining	15,388.104	31.588	29.274	18,790.685	3.248	5.468	34,178.789	34.836	34.742

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	15,388.104	61.299	54.740	18,790.685	3.248	5.468	34,178.789	64.546	60.208
West Kalgoorlie	WWKT	Goldfields Mining	15,388.104	28.474	26.605	18,790.685	3.248	5.468	34,178.789	31.722	32.073
Albany	WALB	Mixed	15,388.104	29.584	27.556	18,790.685	7.170	8.830	34,178.789	36.754	36.386
Boddington	WBOD	Mixed	15,388.104	15.415	15.411	18,790.685	7.170	8.830	34,178.789	22.585	24.241
Bunbury Harbour	WBUH	Mixed	15,388.104	15.444	15.436	18,790.685	7.170	8.830	34,178.789	22.614	24.266
Busselton	WBSN	Mixed	15,388.104	26.005	24.488	18,790.685	7.170	8.830	34,178.789	33.175	33.318
Byford	WBYF	Mixed	15,388.104	16.137	16.030	18,790.685	7.170	8.830	34,178.789	23.307	24.860
Capel	WCAP	Mixed	15,388.104	21.833	20.912	18,790.685	7.170	8.830	34,178.789	29.003	29.742
Chapman	WCPN	Mixed	15,388.104	31.851	29.499	18,790.685	7.170	8.830	34,178.789	39.021	38.329
Darlington	WDTN	Mixed	15,388.104	17.393	17.107	18,790.685	7.170	8.830	34,178.789	24.563	25.937
Durlacher Street	WDUR	Mixed	15,388.104	27.210	25.521	18,790.685	7.170	8.830	34,178.789	34.380	34.351
Eneabba	WENB	Mixed	15,388.104	26.129	24.595	18,790.685	7.170	8.830	34,178.789	33.299	33.425
Geraldton	WGTN	Mixed	15,388.104	27.210	25.521	18,790.685	7.170	8.830	34,178.789	34.380	34.351
Marriott Road	WMRR	Mixed	15,388.104	15.472	15.460	18,790.685	7.170	8.830	34,178.789	22.642	24.290
Muchea	WMUC	Mixed	15,388.104	17.965	17.597	18,790.685	7.170	8.830	34,178.789	25.135	26.427
Northam	WNOR	Mixed	15,388.104	25.905	24.403	18,790.685	7.170	8.830	34,178.789	33.075	33.233
Picton	WPIC	Mixed	15,388.104	17.358	17.077	18,790.685	7.170	8.830	34,178.789	24.528	25.907
Rangeway	WRAN	Mixed	15,388.104	27.210	25.521	18,790.685	7.170	8.830	34,178.789	34.380	34.351
Sawyers Valley	WSVL	Mixed	15,388.104	26.468	24.885	18,790.685	7.170	8.830	34,178.789	33.638	33.715
Yanchep	WYCP	Mixed	15,388.104	17.182	16.926	18,790.685	7.170	8.830	34,178.789	24.352	25.756
Yilgarn	WYLN	Mixed	15,388.104	27.934	26.142	18,790.685	7.170	8.830	34,178.789	35.104	34.972
Baandee	WBDE	Rural	15,388.104	36.475	33.463	18,790.685	3.488	5.674	34,178.789	39.963	39.137
Beenup	WBNP	Rural	15,388.104	36.766	33.712	18,790.685	3.488	5.674	34,178.789	40.254	39.386
Bridgetown	WBTN	Rural	15,388.104	21.990	21.047	18,790.685	3.488	5.674	34,178.789	25.478	26.721
Carrabin	WCAR	Rural	15,388.104	41.868	38.085	18,790.685	3.488	5.674	34,178.789	45.356	43.759
Collie	WCOE	Rural	15,388.104	27.868	26.085	18,790.685	3.488	5.674	34,178.789	31.356	31.759
Coolup	WCLP	Rural	15,388.104	29.657	27.619	18,790.685	3.488	5.674	34,178.789	33.145	33.293
Cunderdin	WCUN	Rural	15,388.104	33.387	30.816	18,790.685	3.488	5.674	34,178.789	36.875	36.490
Katanning	WKAT	Rural	15,388.104	29.082	27.126	18,790.685	3.488	5.674	34,178.789	32.570	32.800
Kellerberrin	WKEL	Rural	15,388.104	35.456	32.589	18,790.685	3.488	5.674	34,178.789	38.944	38.263
Kojonup	WKOJ	Rural	15,388.104	18.627	18.164	18,790.685	3.488	5.674	34,178.789	22.115	23.838
Kondinin	WKDN	Rural	15,388.104	21.586	20.701	18,790.685	3.488	5.674	34,178.789	25.074	26.375
Manjimup	WMJP	Rural	15,388.104	21.807	20.890	18,790.685	3.488	5.674	34,178.789	25.295	26.564
Margaret River	WMRV	Rural	15,388.104	34.934	32.142	18,790.685	3.488	5.674	34,178.789	38.422	37.816
Merredin	WMER	Rural	15,388.104	31.930	29.567	18,790.685	3.488	5.674	34,178.789	35.418	35.241
Moora	WMOR	Rural	15,388.104	23.991	22.762	18,790.685	3.488	5.674	34,178.789	27.479	28.436
Mount Barker	WMBR	Rural	15,388.104	27.804	26.030	18,790.685	3.488	5.674	34,178.789	31.292	31.704
Narogin	WNGN	Rural	15,388.104	36.223	33.247	18,790.685	3.488	5.674	34,178.789	39.711	38.921
Pinjarra	WPNJ	Rural	15,388.104	16.716	16.526	18,790.685	3.488	5.674	34,178.789	20.204	22.200
Regans	WRGN	Rural	15,388.104	23.914	22.696	18,790.685	3.488	5.674	34,178.789	27.402	28.370
Three Springs	WTSG	Rural	15,388.104	24.274	23.005	18,790.685	3.488	5.674	34,178.789	27.762	28.679
Wagerup	WWGP	Rural	15,388.104	15.552	15.529	18,790.685	3.488	5.674	34,178.789	19.040	21.203



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	15,388.104	26.512	24.923	18,790.685	3.488	5.674	34,178.789	30.000	30.597
Wundowie	WWUN	Rural	15,388.104	27.293	25.592	18,790.685	3.488	5.674	34,178.789	30.781	31.266
Yerbillon	WYER	Rural	15,388.104	40.707	37.090	18,790.685	3.488	5.674	34,178.789	44.195	42.764
Amherst	WAMT	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Arkana	WARK	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Australian Paper Mills	WAPM	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Beechboro	WBCH	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Belmont	WBEL	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Bentley	WBTY	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Bibra Lake	WBIB	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
British Petroleum	WBPM	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Canning Vale	WCVE	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Clarence Street	WCLN	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Clarkson	WCKN	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Cockburn Cement	WCCT	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Collier	WCOL	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Cottesloe	WCOT	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Edmund Street	WEDD	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Forrestfield	WFFD	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Gosnells	WGNL	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Hadfields	WHFS	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Hazelmere	WHZM	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Henley Brook	WHBK	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Herdsmen Parade	WHEP	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Joel Terrace	WJTE	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Joondalup	WJDP	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Joondanna	WJDA	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Kalamunda	WKDA	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Kambalda	WKBA	Urban	15,388.104	31.588	29.274	18,790.685	1.145	3.666	34,178.789	32.734	32.940
Kewdale	WKDL	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Landsdale	WLDE	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Malaga	WMLG	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Mandurah	WMHA	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Manning Street	WMAG	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Mason Road	WMSR	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Meadow Springs	WMSS	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Medical Centre	WMCR	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Medina	WMED	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Midland Junction	WMJX	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Morley	WMOY	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Mullaloo	WMUL	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765

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	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Murdoch	WMUR	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Myaree	WMYR	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Nedlands	WNED	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
North Beach	WNBH	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
North Fremantle	WNFL	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
North Perth	WNPH	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
OConnor	WOCN	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Osborne Park	WOPK	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Padbury	WPBY	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Piccadilly	WPCY	Urban	15,388.104	29.358	27.362	18,790.685	1.145	3.666	34,178.789	30.503	31.028
Riverton	WRTN	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Rivervale	WRVE	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Rockingham	WROH	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Shenton Park	WSPA	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Sth Ftle Power Station	WSFT	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Southern River	WSNR	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Tate Street	WTTS	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
University	WUNI	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Victoria Park	WVPA	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Waikiki	WWAI	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Wanneroo	WWNO	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Welshpool	WWEL	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Wembley Downs	WWDN	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Willeton	WWLN	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765
Yokine	WYKE	Urban	15,388.104	17.384	17.099	18,790.685	1.145	3.666	34,178.789	18.529	20.765

## 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	0.864	0.605
Mining	0.185	0.130
Mixed	0.406	0.284
Rural	0.282	0.198

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	0.741	0.518
Mining	0.159	0.111
Mixed	0.348	0.244
Rural	0.242	0.169

## 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)	0.187

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

Table 12

	Price (c/kW/day)
Control System Service Price (Loads)	1.321

## 5.8 Metering Prices

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

Table 13

	Fixed Price	Variable Price			
	c/revenue meter/day	c/kWh	On Peak c/kWh	Shoulder c/kWh	Off Peak c/kWh
Reference tariff 1 - RT1					
Metering Price	4.036	0.902	-	-	-
Reference tariff 2 - RT2					
Metering Price	4.036	0.902	-	-	-
Reference tariff 3 - RT3					
Metering Price	4.036	-	1.158	-	1.158
Reference tariff 4 - RT4					
Metering Price	8.079	-	0.196	-	0.196
Reference tariff 12 RT12					
Metering Price	4.036	-	1.158	1.158	1.158

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)	1224.482
	Low voltage (415 volts or less)	220.638
Customer funded	High Voltage (6.6 kV or higher)	392.838
	Low Voltage (415 volts or less)	70.786

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

Table 15

	c/metering unit/day
Transmission Metering	4,233.137

## 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	4,365.000
$< 7,000$ kVA	2,507.000

## 5.10 Low Voltage Prices

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

Table 17

Category	Price (c/day)
Fixed	458.353
Demand	3.660/kVA

## 5.11 Streetlight Asset Prices

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

Table 18

Light Specification	Daily Charge c/day
42W CFL SE	21.152
42W CFL BH	22.480
42W CFL KN	25.335
50W MV	13.153
70W MH	36.975
70W HPS	18.186
80W MV	17.704
125W MV	22.011
150W MH	42.721
150W HPS	23.923
250W MH	42.721
250W HPS	23.923
250W MV	28.712
400W MV	30.148

## 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