

Appendix F.5

2019/20 Price List

Amended proposed access arrangement

16 November 2018



Access arrangement for the period
1 July 2017 to 30 June 2022

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Appendix F.5

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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 2019 and ending on 30 June 2020.

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 period covered by this price list and the remainder within a previous or subsequent period not covered by this price list, the consumption covered by this price list will be determined by prorating the metered consumption uniformly on a daily basis.

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

Sections 5, 6 and 3 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 7.4 details all of the prices that are required to calculate the charges.

2. References services

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

Table 1: Reference services and applicable tariffs

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 C5 – High Voltage Metered Demand Bi-directional Service	RT5
A6 – Low Voltage Metered Demand Exit Service C6 – Low Voltage Metered Demand Bi-directional Service	RT6
A7 – High Voltage Contract Maximum Demand Exit Service C7 – High Voltage Contract Maximum Demand Bi-directional Service	RT7
A8 – Low Voltage Contract Maximum Demand Exit Service C8 – Low Voltage Contract Maximum Demand Bi-directional Service	RT8
A9 – Streetlighting Exit Service	RT9
A10 – Unmetered Supplies Exit Service	RT10
A11 – Transmission Exit Service	TRT1
B1 – Distribution Entry Service	RT11
B2 – Transmission Entry Service	TRT2
B3 – Entry Service Facilitating a Distributed Generation or Other Non-Network Solution	RT23
C1 – Anytime Energy (Residential) Bi-directional Service	RT13
C2 – Anytime Energy (Business) Bi-directional Service	RT14
C3 – Time of Use (Residential) Bi-directional Service	RT15
C4 – Time of Use (Business) Bi-directional Service	RT16
A12 – 3 Part Time of Use Energy (Residential) Exit Service C9 – 3 Part Time of Use Energy (Residential) Bi-directional Service	RT17

Reference service	Reference tariff
A13 – 3 Part Time of Use Energy (Business) Exit Service C10 – 3 Part Time of Use Energy (Business) Bi-directional Service	RT18
A14 – 3 Part Time of Use Demand (Residential) Exit Service C11 – 3 Part Time of Use Demand (Residential) Bi-directional Service	RT19
A15 – 3 Part Time of Use Demand (Business) Exit Service C12 – 3 Part Time of Use Demand (Business) Bi-directional Service	RT20
A16 – Multi Part Time of Use Energy (Residential) Exit Service C13 – Multi Part Time of Use Energy (Residential) Bi-directional Service	RT21
A17 – Multi Part Time of Use Energy (Business) Exit Service C14 – Multi Part Time of Use Energy (Business) Bi-directional Service	RT22
C15 – Bi-directional Service Facilitating a Distributed Generation or Other Non-Network Solution	RT24
D1 – Supply Abolishment (Whole Current Metering) Service	RT25
D6 – Remote Direct Load Control Service	RT26
D7 – Remote Direct Load Limitation Service	RT27
D8 – Remote De-energise Service	RT28
D9 – Remote Re-energise Service	RT29

3. Non-reference services

Where Western Power is providing a user a non-reference service at a connection point, the tariff applicable to that non-reference service is the tariff agreed between the user and Western Power.

4. Application of tariffs

4.1 Bundled charges

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.

At Western Power's discretion, the charges detailed below may be discounted where there are multiple exit points on the same premises that are configured in a non-standard way. These discounts include, but are not limited to, only charging one administration charge per site.

4.2 Application of reference tariffs to exit and bi-directional points

Reference tariffs RT5 to RT8 and RT17 to RT24 are applicable to reference services at connection points that may be exit points or bi-directional points. The energy or demand charges are calculated based on energy being transferred out of the network only.

5. Distribution Tariffs

5.1 Reference tariffs 1 and 2 (RT1 and RT2)

RT1 and RT2 consist of:

- a. a fixed use of system charge (detailed in Table 11) which is payable each day;
- b. a variable use of system charge calculated by multiplying the energy price (detailed Table 11) by the quantity of electricity consumed at an exit point (expressed in kWh); and
- c. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

5.2 Reference tariffs 3 and 4 (RT3 and RT4)

RT3 and RT4 consist of:

- a. a fixed use of system charge (detailed in Table 11) 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 11) 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 11) by the quantity of off-peak electricity consumed at an exit point (expressed in kWh); and
- d. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

Notes:

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

Table 2: RT3 and RT4

	Monday – Friday (includes public holidays)			Saturday – Sunday (excludes public holidays)
	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

5.3 Reference tariff 5 (RT5)

5.3.1 Tariff calculation

RT5 consists of:

- a. a fixed metered demand charge (detailed in Table 16) which is payable each day based on the rolling 12-month maximum half-hourly demand at a connection point (expressed in kVA) multiplied by (1-Discount);
- b. a variable metered demand charge calculated by multiplying the demand price (in excess of the lower threshold and detailed in Table 16) by the rolling 12-month maximum half-hourly demand at a connection point (expressed in kVA) minus the lower threshold with the result multiplied by (1-Discount);
- c. if the metered demand is greater than 1,000 kVA a variable demand length charge calculated by multiplying the demand length price (detailed in Table 19) 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 21) which is payable each day.

Notes:

1. If a user reduces its contracted capacity at a connection point pursuant to its access contract and clause 10.2 of the Applications and Queuing Policy to a contracted capacity that is less than the 'rolling 12-month maximum half-hourly demand' then for the purposes of calculating parts a. and b. of the RT5 tariff the 'rolling 12-month maximum half-hourly demand' shall be the reduced contracted capacity amount as from the date the contracted capacity reduction is accepted by Western Power. The effect of this is that the reduced contracted capacity will replace the historical rolling 12-months of maximum half-hourly demand data.
2. The on and off-peak periods for this tariff are defined in the following table (all times are WST):

Table 3: On and off-peak for RT5

Monday – Friday (excludes public holidays)		Saturday – Sunday (includes public holidays)	
Off-peak	On-Peak	Off-Peak	Off-Peak
12:00am – 3:00pm	3:00pm – 9:00pm	9:00pm – 12:00am	All times

5.3.2 Discount

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

The Discount is defined as:

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

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

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

Where:

- MD is the rolling 12-month maximum half-hourly demand at a connection point (expressed in kVA);
- DF is the discount factor, which is set at 30%;
- $E_{\text{Off-peak}}$ 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.

5.4 Reference tariff 6 (RT6)

5.4.1 Tariff calculation

RT6 consists of:

- a. a fixed metered demand charge (detailed in Table 17) which is payable each day based on the rolling 12-month maximum half-hourly demand at a connection point (expressed in kVA) multiplied by (1-Discount);
- b. a variable metered demand charge (detailed in Table 17) calculated by multiplying the demand price (in excess of lower threshold) by the rolling 12-month maximum half-hourly demand at a connection 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 19) 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 21) which is payable each day.

Notes:

1. This tariff is similar to RT5 in section 5.3 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 WST):

Table 4: On and off-peak for RT6

Monday – Friday (excludes public holidays)		Saturday – Sunday (includes public holidays)	
Off-peak	On-Peak	Off-Peak	Off-Peak
12:00am – 3:00pm	3:00pm – 9:00pm	9:00pm – 12:00am	All times

3. If a user reduces its contracted capacity at a connection point pursuant to its access contract and clause 10.2 of the Applications and Queuing Policy to a contracted capacity that is less than the 'rolling 12-month maximum half-hourly demand' then for the purposes of calculating parts a. and b. of the RT5 tariff the 'rolling 12-month maximum half-hourly demand' shall be the reduced contracted capacity amount as from the date the contracted capacity reduction is accepted by Western Power. The effect of this is that the reduced contracted capacity will replace the historical rolling 12-months of maximum half-hourly demand data.

5.4.2 Discount

The same formula detailed in section 5.3.2 also applies for RT6.

5.5 Reference tariff 7 (RT7)

5.5.1 Tariff calculation

RT7 consists of:

- a. If the contracted maximum demand (CMD) is less than 7,000 kVA:
 - i. a fixed demand charge for the first 1,000 kVA (detailed in Table 18) which is payable each day; plus
 - ii. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 18) by the CMD (expressed in kVA) minus 1,000 kVA; plus
 - iii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 18) by the electrical distance to the zone substation by the CMD (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);
- b. If the CMD is equal to or greater than 7,000 kVA:
 - i. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 18) by the CMD (expressed in kVA); plus
 - ii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 20) by the electrical distance to the zone substation by the CMD (expressed in kVA) (Note: a different rate applies after 10 km);
- c. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day;
- d. a fixed administration charge (detailed in Table 22) which is payable each day; and
- e. excess network usage charges calculated in accordance with section 5.5.2 (if applicable).

Notes:

1. For connection points located at the zone substation the fixed and variable demand charge specified in sections 5.5.1(a)(i), (a)(ii) & (b)(i) is to be calculated using the transmission component only. In all other instances, the fixed and variable demand charge specified in sections 5.5.1 (a)(i), (a)(ii) & (b)(i) is to be calculated using the bundled charge.
2. If this tariff applies in relation to a connection point the subject of a capacity allocation arrangement pursuant to reference services D4 and D5 as set out in Appendix E of the Access Arrangement, then the charge to each user at this connection point for the duration of the capacity allocation arrangement is the sum of all tariff components a to d, multiplied by the percentage of the contracted capacity allocated to the user pursuant to the capacity allocation arrangement as compared to the total contracted capacity at the connection point.

5.5.2 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 defined in Table 30;

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; and

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

Notes:

1. The ENUC does not include the metering or administration components of the tariff.
2. If the connection point is subject to the Capacity (Swap) Allocation (Business) Exit Service, for the purposes of the ENUC calculation above the CMD is the total contracted capacity allocated to the connection point from time to time pursuant to the capacity allocation arrangement.

5.6 Reference tariff 8 (RT8)

5.6.1 Tariff calculation

RT8 consists of:

- a. If the contracted maximum demand (CMD) is less than 7,000 kVA:
 - i. a fixed demand charge for the first 1,000 kVA (detailed in Table 18) which is payable each day; plus
 - ii. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 18) by the CMD (expressed in kVA) minus 1,000 kVA; plus
 - iii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 19) by the electrical distance to the zone substation by the CMD (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);
- b. If the CMD is equal to or greater than 7,000 kVA:
 - i. a variable demand charge calculated by multiplying the applicable demand price (detailed in Table 18) by the CMD (expressed in kVA); plus
 - ii. a variable demand length charge calculated by multiplying the demand length price (detailed in Table 20) by the electrical distance to the zone substation by the CMD (expressed in kVA) (Note: a different rate applies after 10 km);
- c. a fixed low voltage charge (detailed in Table 23) which is payable each day;
- d. a variable low voltage charge calculated by multiplying the low voltage demand price (detailed in Table 23) by the CMD (expressed in kVA);
- e. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day;
- f. a fixed administration charge (detailed in Table 22) which is payable each day; and
- g. excess network usage charges calculated in accordance with section 5.6.2 (if applicable).

Notes:

1. This tariff is identical to RT7 in section 5.5, with an additional low voltage charge to cover the use of transformers and LV circuits.
2. If this tariff applies in relation to a connection point the subject of a capacity allocation arrangement pursuant to reference services D4 and D5 as set out in Appendix E of the Access Arrangement, then the charge to each user at this connection point for the duration of the capacity allocation arrangement is the sum of all tariff components a to d, multiplied by the percentage of the contracted capacity allocated to the user pursuant to the capacity allocation arrangement as compared to the total contracted capacity at the connection point.

5.6.2 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 defined in Table 30;

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; and

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

Notes:

1. The ENUC does not include the metering or administration components of the tariff.
2. If the connection point is subject to the Capacity (Swap) Allocation (Business) Exit Service, for the purposes of the ENUC calculation above the CMD is the total contracted capacity allocated to the connection point from time to time pursuant to the capacity allocation arrangement.

5.7 Reference tariff 9 (RT9)

RT9 consists of:

- a. a fixed use of system charge (detailed in Table 11) which is payable each day;
- b. a variable use of system charge calculated by multiplying the energy price (detailed in Table 11) 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 14 and Table 15)

5.8 Reference tariff 10 (RT10)

RT10 consists of:

- a. a fixed use of system charge (detailed in Table 11) which is payable each day; and
- b. a variable use of system charge calculated by multiplying the energy price (detailed in Table 11) 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).

Except for where the consumer's facilities and equipment is a streetlight, then Reference Tariff RT10 consists of:

- a. the fixed use of system charge for RT9 (detailed in Table 11) which is payable each day; and
- b. the variable use of system charge for RT9 calculated by multiplying the energy price (detailed in Table 11 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).

5.9 Reference tariff 11 (RT11)

5.9.1 Tariff calculation

RT11 consists of:

- a. a variable connection charge calculated by multiplying the connection price (detailed in Table 24) 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 28) 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 26) by the loss-factor adjusted DSOC at the entry point (expressed in kW);
- d. if the DSOC is less than 7,000 kVA:
 - i. if the entry point is connected at 415 V or less and the DSOC is equal to or greater than 1,000 kVA a variable demand length charge calculated by multiplying the applicable demand length price (detailed in Table 19) by the electrical distance between the relevant HV network connection point and the electrically closest zone substation by the DSOC (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km); or
 - ii. if the entry point is connected at greater than 415 V and the DSOC is equal to or greater than 1,000 kVA a variable demand length charge calculated by multiplying the applicable demand length price (detailed in Table 19) by the electrical distance between the entry point and the electrically closest zone substation by the DSOC (expressed in kVA) minus 1,000 kVA (Note: a different rate applies after 10 km);
- e. If the DSOC is equal to or greater than 7,000 kVA:
 - i. if the entry point is connected at 415 V or less a variable demand length charge calculated by multiplying the applicable demand length price (detailed in Table 20) by the electrical distance between the relevant HV network connection point and the electrically closest zone substation by the DSOC (expressed in kVA) (Note: a different rate applies after 10 km); or
 - ii. if the entry point is connected at greater than 415 V a variable demand length charge calculated by multiplying the applicable demand length price (detailed in Table 20) by the electrical distance between the entry point and the electrically closest zone substation by the DSOC (expressed in kVA) (Note: a different rate applies after 10 km);
- f. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day; and

- g. excess network usage charges calculated in accordance with section 5.9.2 (if applicable).

Notes:

1. The loss factor used to calculate the loss-factor adjusted DSOC is the relevant portion from the generator to the zone substation of the loss factor published by the AEMO for that generator.
2. For this reference tariff a unity power factor is assumed when converting between kW and kVA.
3. If this tariff applies in relation to a connection point the subject of a capacity allocation arrangement pursuant to reference services D4 and D5 as set out in Appendix E of the Access Arrangement, then the charge to each user at this connection point for the duration of the capacity allocation arrangement is the sum of all tariff components a to d, multiplied by the percentage of the contracted capacity allocated to the user pursuant to the capacity allocation arrangement as compared to the total contracted capacity at the connection point.

5.9.2 Excess network usage charges

An additional charge applies to this tariff where the peak half-hourly demand exceeds the nominated DSOC during the billing period except where Western Power deems the export of power in excess of DSOC was required for power system reliability and security purposes.

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

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

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 defined in Table 30;

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; and

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

Notes:

1. The ENUC does not include the metering components of the tariff.
2. If the connection point is subject to the Capacity (Swap) Allocation (Business) Entry Service, for the purposes of the ENUC calculation above the CMD is the total contracted capacity allocated to the connection point from time to time pursuant to the capacity allocation arrangement.

5.10 Reference tariffs 13 and 14 (RT13 and RT14)

RT13 and RT14 consist of:

- a. a fixed use of system charge (detailed in Table 11) which is payable each day;
- b. a variable use of system charge calculated by multiplying the energy price (detailed in Table 11) by the quantity of electricity consumed (expressed in kWh); and
- c. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

5.11 Reference tariffs 15 and 16 (RT15 and RT16)

RT15 and RT16 consist of:

- a. a fixed use of system charge (detailed in Table 11) 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 11) by the quantity of on-peak electricity consumed (expressed in kWh);
- c. an off-peak use of system variable charge calculated by multiplying the off-peak energy price (detailed in Table 11) by the quantity of off-peak electricity consumed (expressed in kWh); and
- d. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

Notes:

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

Table 5: On and off-peak for RT15 and RT16

	Monday – Friday (includes public holidays)		Saturday – Sunday (excludes public holidays)	
	Off-peak	On-Peak	Off-Peak	Off-Peak
RT15	12:00am – 7:00am	7:00am – 9:00pm	9:00pm – 12:00am	All times
RT16	12:00am – 8:00am	8:00am – 10:00pm	10:00pm – 12:00am	All times

5.12 Reference tariffs 17 and 18 (RT17 and RT18)

RT17 and RT18 consist of:

- a. a fixed use of system charge (detailed in Table 11) 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 11) by the quantity of on-peak electricity consumed at the connection point (expressed in kWh);
- c. a shoulder use of system variable charge calculated by multiplying the shoulder energy price (detailed in Table 11) by the quantity of shoulder period electricity consumed at the connection point (expressed in kWh);
- d. an off-peak use of system variable charge calculated by multiplying the off-peak energy price (detailed in Table 11) by the quantity of off-peak electricity consumed at the connection point (expressed in kWh); and
- e. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

Notes:

1. The on-peak, shoulder and off-peak periods for these tariffs are defined in the table below (all times are WST).

Table 6: On and off-peak – RT17 and RT18

Monday – Friday (excludes public holidays)				Saturday – Sunday (includes public holidays)
Off-peak	Shoulder	On-Peak	Off-Peak	Off-Peak
12:00am – 12:00pm	12:00pm – 3:00pm	3:00pm – 9:00pm	9:00pm – 12:00am	All times

5.13 Reference tariff 19 (RT19)

RT19 consist of:

- a fixed use of system charge (detailed in Table 12) which is payable each day;
- a demand based charge calculated by multiplying the demand charge (detailed in Table 12) by the maximum demand in a 30 minute period within the on-peak period defined below at the connection point (expressed in kW) measured over a billing period;
- an on-peak use of system variable charge calculated by multiplying the on-peak energy price (detailed in Table 12) by the quantity of on-peak electricity consumed at the connection point (expressed in kWh);
- a shoulder use of system variable charge calculated by multiplying the shoulder energy price (detailed in Table 12) by the quantity of shoulder period electricity consumed at the connection point (expressed in kWh);
- an off-peak use of system variable charge calculated by multiplying the off-peak energy price (detailed in Table 12) by the quantity of off-peak electricity consumed at the connection point (expressed in kWh); and
- a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

Notes:

1. The on-peak, off-peak and shoulder periods for these tariffs are defined in the following table (all times are WST):

Table 7: On shoulder and off-peak for RT19

Monday – Friday (excludes public holidays)				Saturday – Sunday (includes public holidays)
Off-peak	Shoulder	On-Peak	Off-Peak	Off-Peak
12:00am – 12:00pm	12:00pm – 3:00pm	3:00pm – 9:00pm	9:00pm – 12:00am	All times

5.14 Reference tariff 20 (RT20)

RT20 consist of:

- a. a fixed use of system charge (detailed in Table 12) which is payable each day;
- b. a demand based charge calculated by multiplying the demand charge (detailed in Table 12) by the maximum demand in a 30 minute period within the on-peak period defined below at the connection point (expressed in kVA) measured over a billing period;
- c. an on-peak use of system variable charge calculated by multiplying the on-peak energy price (detailed in Table 12) by the quantity of on-peak electricity consumed at the connection point (expressed in kWh);
- d. a shoulder use of system variable charge calculated by multiplying the shoulder energy price (detailed in Table 12) by the quantity of shoulder period electricity consumed at the connection point (expressed in kWh);
- e. an off-peak use of system variable charge calculated by multiplying the off-peak energy price (detailed in Table 12) by the quantity of off-peak electricity consumed at the connection point (expressed in kWh); and
- f. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

Notes:

1. The on-peak, off-peak and shoulder periods for these tariffs are defined in the following table (all times are WST):

Table 8: On, shoulder and off-peak for RT20

Monday – Friday (excludes public holidays)				Saturday – Sunday (includes public holidays)
Off-peak	Shoulder	On-Peak	Off-Peak	Off-Peak
12:00am – 12:00pm	12:00pm – 3:00pm	3:00pm – 9:00pm	9:00pm – 12:00am	All times

5.15 Reference tariff 21 (RT21)

RT21 consist of:

- a. a fixed use of system charge (detailed in Table 13) 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 13) by the quantity of on-peak electricity consumed at the connection point (expressed in kWh);
- c. a shoulder use of system variable charge calculated by multiplying the shoulder energy price (detailed in Table 13) by the quantity of shoulder period electricity consumed at the connection point (expressed in kWh);
- d. an off-peak use of system variable charge calculated by multiplying the off-peak energy price (detailed in Table 13) by the quantity of off-peak electricity consumed at the connection point (expressed in kWh);

- e. an overnight use of system variable charge calculated by multiplying the overnight energy price (detailed in Table 13) by the quantity of overnight electricity consumed at the connection point (expressed in kWh); and
- f. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

Notes:

1. The on-peak, off-peak, shoulder and overnight periods for this tariff are defined in the following table (all times are WST):

Table 9: On, shoulder, overnight and off-peak for RT21

Monday – Friday (excludes public holidays)					Saturday – Sunday (includes public holidays)	
Off-Peak	Shoulder	On-Peak	Off-Peak	Overnight	Off-Peak	Overnight
4:00am – 7:00am	7:00am – 3:00 pm	3:00pm – 9:00pm	9:00pm – 11:00pm	11:00pm – 4:00am	4:00am – 11:00pm	11:00pm – 4:00am

5.16 Reference tariff 22 (RT22)

RT22 consist of:

- a. a fixed use of system charge (detailed in Table 13) 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 13) by the quantity of on-peak electricity consumed at the connection point (expressed in kWh);
- c. a shoulder use of system variable charge calculated by multiplying the shoulder energy price (detailed in Table 13) by the quantity of shoulder period electricity consumed at the connection point (expressed in kWh);
- d. an off-peak use of system variable charge calculated by multiplying the off-peak energy price (detailed in Table 13) by the quantity of off-peak electricity consumed at the connection point (expressed in kWh);
- e. a super off-peak use of system variable charge calculated by multiplying the super off-peak energy price (detailed in Table 13) by the quantity of super off-peak electricity consumed at the connection point (expressed in kWh);
- f. an overnight use of system variable charge calculated by multiplying the overnight energy price (detailed in Table 13) by the quantity of overnight electricity consumed at the connection point (expressed in kWh); and
- g. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day.

Notes:

1. The on-peak, off-peak, shoulder, super off-peak and overnight periods for these tariffs are defined in the following table (all times are WST):

Table 10: On, shoulder, off and super off peak for RT22

Monday – Friday (excludes public holidays)					Saturday – Sunday (includes public holidays)	
Off-peak	Shoulder	On-Peak	Off-Peak	Overnight	Off-Peak	Super Off-Peak
4:00am – 7:00am	7:00am – 3:00 pm	3:00pm – 9:00pm	9:00pm – 11:00pm	11:00pm – 4:00am	4:00am – 11:00pm	11:00pm – 4:00am

6. Transmission tariffs

6.1 Transmission reference tariff (TRT1)

6.1.1 Tariff calculation

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 25) or where there is no applicable use of system price in Table 25 for the exit point, the price calculated by Western Power in accordance with Appendix A of the Price List Information) by the contracted maximum demand (CMD) at the exit point (expressed in kW);
- c. a variable common service charge calculated by multiplying the common service price (detailed in Table 27) by the CMD at the exit point (expressed in kW);
- d. a variable control system service charge calculated by multiplying the control system service price (detailed in Table 29) by the CMD at the exit point (expressed in kW);
- e. a fixed metering charge per revenue meter (detailed in Table 21) which is payable each day; and
- f. excess network usage charges calculated in accordance with section 6.1.2 (if applicable).

6.1.2 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 defined in Table 30;
- 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 does not include the metering components of the tariff.
2. If the connection point is subject to the Capacity (Swap) Allocation (Business) Exit Service, for the purposes of the ENUC calculation above the CMD is the total contracted capacity allocated to the connection point from time to time pursuant to the capacity allocation arrangement.
3. If this tariff applies in relation to a connection point the subject of a capacity allocation arrangement pursuant to reference services D4 and D5 as set out in Appendix E of the Access Arrangement, then the charge to each user at this connection point for the duration of the capacity allocation arrangement is the sum of all tariff components a to d, multiplied by the percentage of the contracted capacity allocated to the user pursuant to the capacity allocation arrangement as compared to the total contracted capacity at the connection point.

6.2 Transmission reference tariff 2 (TRT2)

6.2.1 Tariff calculation

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 26) or where there is no applicable use of system price in Table 26 for the entry point, the price calculated by Western Power in accordance with Appendix A of the Price List Information) by the declared sent-out capacity (DSOC) at the entry point (expressed in kW);
- c. a variable control system service charge calculated by multiplying the control system service price (detailed in Table 28 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 21) which is payable each day; and
- e. excess network usage charges calculated in accordance with section 6.2.2 (if applicable).

6.2.2 Excess network usage charges

An additional charge applies to this tariff where the peak half-hourly demand exceeds the nominated DSOC during the billing period except where Western Power deems the export of power in excess of DSOC was required for power system reliability and security purposes.

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

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

Where

ENUM	is the Excess network usage multiplier factor, which is defined in Table 30;
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; and
CSS	is the applicable variable control system service charge for the billing period.

Notes:

1. The ENUC does not include the metering components of the tariff.
2. If the connection point is subject to the Capacity (Swap) Allocation (Business) Entry Service, for the purposes of the ENUC calculation above the CMD is the total contracted capacity allocated to the connection point from time to time pursuant to the capacity allocation arrangement.
3. If this tariff applies in relation to a connection point the subject of a capacity allocation arrangement pursuant to reference services D4 and D5 as set out in Appendix E of the Access Arrangement, then the charge to each user at this connection point for the duration of the capacity allocation arrangement is the sum of all tariff components a to d, multiplied by the percentage of the contracted capacity allocated to the user pursuant to the capacity allocation arrangement as compared to the total contracted capacity at the connection point.

7. Other tariffs

7.1 Reference Tariff 23 (RT23)

7.1.1 Tariff calculation

RT23 consists of:

- a. the reference tariff (RT11) applicable to the entry reference service B1 upon which the B3 – Entry Service Facilitating a Distributed Generation or Other Non-Network Solution is provided; less
- b. the discount that applies to the connection point as set out in clause 7.1.2 below.

7.1.2 Discount

Western Power will provide a discount to RT11 in circumstances where the service allows for facilities and equipment connected behind the connection point (including distributed generating plant and other non-network solutions) to provide benefits to the Western Power Network that defer its' capital and non-capital costs.

In situations where a user connects facilities and equipment (including distributed generating plant) to the Western Power Network and has applied and been assessed as providing a network benefit to Western Power, the discount to be applied is an annualised discount amount (which can be no greater than the annual charge), calculated as the present value of FC_p less FC_n over a period of Y years using discount rate W.

Where:

- FC_p is the present value of the Western Power committed forecast capital-related costs and non-capital costs that would be incurred over Y years if the facilities and equipment (including distributed generating plant) were not to connect to the Western Power Network.
- FC_n is the present value of Western Power's forecast capital-related costs and non-capital costs over Y years that are anticipated to be incurred if the facilities and equipment (including distributed generating plant) were to connect to the Western Power Network.
- Y is the period over which the present value assessment is to occur which is 15 years unless otherwise agreed between Western Power and the user.
- W is the Weighted Average Cost of Capital as set out in section 5.4 of the Access Arrangement that applies in the pricing year.

7.2 Reference Tariff 24 (RT24)

7.2.1 Tariff calculation

RT24 consists of:

- a. the reference tariff (RT5 - RT8 and RT13 - RT22) applicable to the bi-directional reference service identified from C1 to C14 upon which the C15 - Bi-directional Service Facilitating a Distributed Generation or Other Non-Network Solution is provided; less

- b. the discount that applies to the connection point as set out in clause 7.2.2 below.

7.2.2 Discount

Western Power will provide a discount to (RT13 - RT22 and RT5 - RT8) in circumstances where the service allows for facilities and equipment connected behind the connection point (including distributed generating plant and other non-network solutions) to provide benefits to the Western Power network that defer its' capital and non-capital costs.

In situations where a user connects facilities and equipment (including distributed generating plant) to the Western Power Network and has applied and been assessed as providing a network benefit to Western Power, the discount to be applied is an annualised discount amount (which can be no greater than the annual charge), calculated as the present value of FCp less FCn over a period of Y years using discount rate W.

Where:

- FCp is the present value of the Western Power committed forecast capital-related costs and non-capital costs that would be incurred over Y years if the facilities and equipment (including distributed generating plant) were not to connect to the Western Power Network.
- FCn is the present value of Western Power's forecast capital-related costs and non-capital costs over Y years that are anticipated to be incurred if the facilities and equipment (including distributed generating plant) were to connect to the Western Power Network.
- Y is the period over which the present value assessment is to occur which is 15 years unless otherwise agreed between Western Power and the user.
- W is the Weighted Average Cost of Capital as set out in section 5.4 of the Access Arrangement that applies in the pricing year.

7.3 Reference Tariff 25 (RT25)

7.3.1 Tariff calculation

RT25 consists of a charge per connection point supply abolishment (detailed in Table 31).

7.4 Reference Tariff 26 (RT26)

7.4.1 Tariff calculation

RT26 consists of a charge per request to remotely control load (detailed in Table 32).

7.5 Reference Tariff 27 (RT27)

7.5.1 Tariff calculation

RT27 consists of a charge per request to remotely limit load (detailed in Table 32).

7.6 Reference Tariff 28 (RT28)

7.6.1 Tariff calculation

RT28 consists of a charge per request for de-energisation (detailed in Table 32).

7.7 Reference Tariff 29 (RT29)

7.7.1 Tariff calculation

RT29 consists of a charge per request for re-energisation (detailed in Table 32).

8. Price tables

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

Table 18, Table 25 and Table 26 include a Transmission Node Identity (TNI) to uniquely identify zone substations.

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

8.1 Prices for energy-based tariffs on the distribution network

8.1.1 Use of system prices

The prices in the following tables are applicable for reference tariffs **RT1, RT2, RT3, RT4, RT9, RT10, RT13, RT14, RT15, RT16, RT 17, RT18, RT19, RT20, RT21 and RT22**.

Table 11: Reference tariffs prices for RT1, RT2, RT3, RT4, RT9, RT10, RT13, RT14, RT15, RT16, RT17 and RT18

	Fixed Price	Energy Rates			
	c/day	Anytime c/kWh	On-Peak c/kWh	Shoulder c/kWh	Off-peak c/kWh
Reference tariff 1 - RT1					
Transmission	0.000	2.027			
Distribution	86.850	6.399			
Bundled tariff	86.850	8.426			
Reference tariff 2 - RT2					
Transmission	0.000	2.448			
Distribution	164.423	8.867			
Bundled tariff	164.423	11.315			
Reference tariff 3 - RT3					
Transmission	0.000		3.663		0.769
Distribution	86.850		10.901		2.502
Bundled tariff	86.850		14.564		3.271
Reference tariff 4 - RT4					
Transmission	0.000		3.788		0.914
Distribution	299.580		12.142		2.725

	Fixed Price	Energy Rates			
	c/day	Anytime c/kWh	On-Peak c/kWh	Shoulder c/kWh	Off-peak c/kWh
Bundled tariff	299.580		15.930		3.639
Reference tariff 9 – RT9					
Transmission	0.000	1.273			
Distribution	7.244	3.374			
Bundled tariff	7.244	4.647			
Reference tariff 10 – RT10					
Transmission	0.000	0.840			
Distribution	55.890	3.639			
Bundled tariff	55.890	4.479			
Reference tariff 13 - RT13					
Transmission	0.000	2.027			
Distribution	86.850	6.399			
Bundled tariff	86.850	8.426			
Reference tariff 14 - RT14					
Transmission	0.000	2.448			
Distribution	164.423	8.867			
Bundled tariff	164.423	11.315			
Reference tariff 15 - RT15					
Transmission	0.000		3.663		0.769
Distribution	86.850		10.901		2.502
Bundled tariff	86.850		14.564		3.271
Reference tariff 16 - RT16					
Transmission	0.000		3.788		0.914
Distribution	299.580		12.142		2.725
Bundled tariff	299.580		15.930		3.639
Reference tariff 17 - RT17					

	Fixed Price	Energy Rates			
	c/day	Anytime c/kWh	On-Peak c/kWh	Shoulder c/kWh	Off-peak c/kWh
Transmission	0.000		2.230	2.027	1.843
Distribution	86.850		7.039	6.399	5.817
Bundled tariff	86.850		9.269	8.426	7.660
Reference tariff 18 - RT18					
Transmission	0.000		2.693	2.448	2.225
Distribution	164.423		9.754	8.867	8.061
Bundled tariff	164.423		12.447	11.315	10.286

Table 12: Reference tariffs for RT19 and RT20

	Fixed Price	Demand c/kW	Energy Rates		
	c/day		On-Peak c/kWh	Shoulder c/kWh	Off-Peak c/kWh
Reference tariff 19 - RT19					
Transmission	0.000	1.656	2.007	1.824	1.659
Distribution	86.850	3.600	7.743	6.399	5.288
Bundled tariff	86.850	5.256	9.750	8.223	6.947
Reference tariff 20 - RT20					
Transmission	0.000	1.854	2.424	2.203	2.003
Distribution	164.423	4.330	10.729	8.867	7.328
Bundled tariff	164.423	6.184	13.153	11.070	9.331

Table 13: Reference tariffs for RT21 and RT22

	Fixed Price	Energy Rates				
	c/day	On-Peak c/kWh	Shoulder c/kWh	Off-Peak c/kWh	Overnight c/kWh	Super Off-Peak c/kWh
Reference tariff 21 – RT21						
Transmission	0.000	2.230	2.027	1.843	1.843	

	Fixed Price	Energy Rates				
	c/day	On-Peak c/kWh	Shoulder c/kWh	Off-Peak c/kWh	Overnight c/kWh	Super Off-Peak c/kWh
Distribution	86.850	7.039	6.399	5.817	5.817	
Bundled tariff	86.850	9.269	8.426	7.660	7.660	
Reference tariff 22 - RT22						
Transmission	0.000	2.693	2.448	2.225	2.225	2.003
Distribution	164.423	9.754	8.867	8.061	8.061	7.255
Bundled tariff	164.423	12.447	11.315	10.286	10.286	9.257

8.1.2 Streetlight asset prices

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

Table 14: Current light types

Light specification	Daily charge (No contribution) c/day	Daily charge (Full upfront contribution) c/day
42W CFL SE	25.885	n/a
42W CFL BH	27.509	n/a
42W CFL KN	31.000	n/a
70W MH	45.248	n/a
70W HPS	22.254	n/a
125W MV	26.936	n/a
150W MH	52.276	n/a
150W HPS	29.274	n/a
250W MH	52.276	n/a
250W HPS	29.274	n/a
Standard LED 20W	13.757	8.574
Standard LED 36W	13.757	8.574
Standard LED 53W	13.868	8.574

Light specification	Daily charge (No contribution) c/day	Daily charge (Full upfront contribution) c/day
Standard LED 80W	13.735	8.574
Standard LED 160W	15.069	8.574
Standard LED 170W	15.069	8.574
Decorative BH LED 17W	25.609	8.574
Decorative KN LED 17W	28.078	8.574
Decorative LED 34W	28.011	8.574
Decorative LED 42W	25.609	8.574
Decorative LED 80W	29.412	8.574
Decorative LED 100W	33.036	8.574
Decorative LED 155W	33.036	8.574

Table 15: Obsolete light types

Light specification	Daily charge c/day
50W MV	16.566
70W MV	22.297
80W MV	22.297
150W MV	27.722
250W MV	36.162
400W MV	37.968
40W FLU	16.566
80W HPS	22.903
125W HPS	30.128
100W INC	16.566
80W MH	22.297
125W MH	53.802
22W LED	16.566

8.2 Prices for demand-based tariffs on the distribution network (RT5 to RT8 and RT11¹)

8.2.1 Demand charges

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

¹ Note that some components of RT11 are in section 8.3

Table 16: Prices for reference tariff RT5

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	24.206	187.312	61.752	187.312	85.958
300 to 1000	7,261.734	17.920	18,348.110	44.325	25,609.844	62.245
1000 to 1500	19,805.714	10.237	48,846.646	19.065	68,652.360	29.302

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

Table 17: Prices for reference tariff RT6

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	23.586	1,069.340	63.782	1,069.340	87.368
300 to 1000	7,075.728	17.461	19,822.488	48.755	26,898.216	66.216
1000 to 1500	19,298.400	9.975	53,337.247	24.660	72,635.647	34.635

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

Table 18: Prices for reference tariffs RT7 and RT8

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	15,908.220	16.076	16.052	32,933.425	11.331	14.417	48,841.645	27.407	30.469
Forrest Avenue	WFRT	CBD	15,908.220	16.076	16.052	32,933.425	11.331	14.417	48,841.645	27.407	30.469
Hay Street	WHAY	CBD	15,908.220	16.076	16.052	32,933.425	11.331	14.417	48,841.645	27.407	30.469
Milligan Street	WMIL	CBD	15,908.220	16.076	16.052	32,933.425	11.331	14.417	48,841.645	27.407	30.469
Wellington Street	WWNT	CBD	15,908.220	16.076	16.052	32,933.425	11.331	14.417	48,841.645	27.407	30.469
Black Flag	WBKF	Goldfields Mining	15,908.220	31.896	29.612	32,933.425	6.014	9.860	48,841.645	37.910	39.472
Boulder	WBLD	Goldfields Mining	15,908.220	29.445	27.511	32,933.425	6.014	9.860	48,841.645	35.459	37.371
Bounty	WBNY	Goldfields Mining	15,908.220	56.011	50.282	32,933.425	6.014	9.860	48,841.645	62.025	60.142
West Kalgoorlie	WWKT	Goldfields Mining	15,908.220	26.301	24.816	32,933.425	6.014	9.860	48,841.645	32.315	34.676
Albany	WALB	Mixed	15,908.220	30.488	28.405	32,933.425	13.382	16.175	48,841.645	43.870	44.580
Boddington	WBOD	Mixed	15,908.220	14.777	14.939	32,933.425	13.382	16.175	48,841.645	28.159	31.114
Bunbury Harbour	WBUH	Mixed	15,908.220	14.448	14.657	32,933.425	13.382	16.175	48,841.645	27.830	30.832
Busselton	WBSN	Mixed	15,908.220	21.047	20.313	32,933.425	13.382	16.175	48,841.645	34.429	36.488
Byford	WBYF	Mixed	15,908.220	15.543	15.595	32,933.425	13.382	16.175	48,841.645	28.925	31.770
Capel	WCAP	Mixed	15,908.220	18.683	18.287	32,933.425	13.382	16.175	48,841.645	32.065	34.462
Chapman	WCPN	Mixed	15,908.220	24.989	23.692	32,933.425	13.382	16.175	48,841.645	38.371	39.867
Darlington	WDTN	Mixed	15,908.220	17.387	17.176	32,933.425	13.382	16.175	48,841.645	30.769	33.351
Durlacher Street	WDUR	Mixed	15,908.220	22.546	21.598	32,933.425	13.382	16.175	48,841.645	35.928	37.773
Eneabba	WENB	Mixed	15,908.220	21.174	20.422	32,933.425	13.382	16.175	48,841.645	34.556	36.597
Geraldton	WGTN	Mixed	15,908.220	22.546	21.598	32,933.425	13.382	16.175	48,841.645	35.928	37.773

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)
Marriott Road	WMRR	Mixed	15,908.220	13.947	14.227	32,933.425	13.382	16.175	48,841.645	27.329	30.402
Muchea	WMUC	Mixed	15,908.220	17.243	17.052	32,933.425	13.382	16.175	48,841.645	30.625	33.227
Northam	WNOR	Mixed	15,908.220	23.348	22.285	32,933.425	13.382	16.175	48,841.645	36.730	38.460
Picton	WPIC	Mixed	15,908.220	15.621	15.662	32,933.425	13.382	16.175	48,841.645	29.003	31.837
Rangeway	WRAN	Mixed	15,908.220	24.044	22.882	32,933.425	13.382	16.175	48,841.645	37.426	39.057
Sawyers Valley	WSVY	Mixed	15,908.220	21.361	20.582	32,933.425	13.382	16.175	48,841.645	34.743	36.757
Yanchep	WYCP	Mixed	15,908.220	17.183	17.001	32,933.425	13.382	16.175	48,841.645	30.565	33.176
Yilgarn	WYLN	Mixed	15,908.220	28.464	26.670	32,933.425	13.382	16.175	48,841.645	41.846	42.845
Baandee	WBDE	Rural	15,908.220	31.815	29.543	32,933.425	5.859	9.727	48,841.645	37.674	39.270
Beenup	WBNP	Rural	15,908.220	34.248	31.628	32,933.425	5.859	9.727	48,841.645	40.107	41.355
Bridgetown	WBTN	Rural	15,908.220	20.695	20.011	32,933.425	5.859	9.727	48,841.645	26.554	29.738
Carrabin	WCAR	Rural	15,908.220	34.996	32.269	32,933.425	5.859	9.727	48,841.645	40.855	41.996
Collie	WCOE	Rural	15,908.220	24.556	23.321	32,933.425	5.859	9.727	48,841.645	30.415	33.048
Coolup	WCLP	Rural	15,908.220	27.729	26.040	32,933.425	5.859	9.727	48,841.645	33.588	35.767
Cunderdin	WCUN	Rural	15,908.220	29.252	27.346	32,933.425	5.859	9.727	48,841.645	35.111	37.073
Katanning	WKAT	Rural	15,908.220	26.651	25.116	32,933.425	5.859	9.727	48,841.645	32.510	34.843
Kellerberrin	WKEL	Rural	15,908.220	30.970	28.818	32,933.425	5.859	9.727	48,841.645	36.829	38.545
Kojonup	WKOJ	Rural	15,908.220	18.343	17.995	32,933.425	5.859	9.727	48,841.645	24.202	27.722
Kondinin	WKDN	Rural	15,908.220	19.792	19.237	32,933.425	5.859	9.727	48,841.645	25.651	28.964
Manjimup	WMJP	Rural	15,908.220	20.526	19.866	32,933.425	5.859	9.727	48,841.645	26.385	29.593
Margaret River	WMRV	Rural	15,908.220	26.749	25.200	32,933.425	5.859	9.727	48,841.645	32.608	34.927
Merredin	WMER	Rural	15,908.220	28.045	26.311	32,933.425	5.859	9.727	48,841.645	33.904	36.038
Moora	WMOR	Rural	15,908.220	20.747	20.056	32,933.425	5.859	9.727	48,841.645	26.606	29.783
Mount Barker	WMBR	Rural	15,908.220	27.962	26.240	32,933.425	5.859	9.727	48,841.645	33.821	35.967
Narrogin	WNGN	Rural	15,908.220	31.607	29.364	32,933.425	5.859	9.727	48,841.645	37.466	39.091

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)
Pinjarra	WPNJ	Rural	15,908.220	14.626	14.809	32,933.425	5.859	9.727	48,841.645	20.485	24.536
Regans	WRGN	Rural	15,908.220	21.420	20.633	32,933.425	5.859	9.727	48,841.645	27.279	30.360
Three Springs	WTSG	Rural	15,908.220	20.683	20.001	32,933.425	5.859	9.727	48,841.645	26.542	29.728
Wagerup	WWGP	Rural	15,908.220	13.914	14.199	32,933.425	5.859	9.727	48,841.645	19.773	23.926
Wagin	WWAG	Rural	15,908.220	27.032	25.443	32,933.425	5.859	9.727	48,841.645	32.891	35.170
Wundowie	WWUN	Rural	15,908.220	23.551	22.459	32,933.425	5.859	9.727	48,841.645	29.410	32.186
Yerbillon	WYER	Rural	15,908.220	34.085	31.488	32,933.425	5.859	9.727	48,841.645	39.944	41.215
Amherst	WAMT	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Arkana	WARK	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Australian Paper Mills	WAPM	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Balcatta	WBCT	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Beechboro	WBCH	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Belmont	WBEL	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Bentley	WBTY	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Bibra Lake	WBIB	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
British Petroleum	WBPM	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Canning Vale	WCVE	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Clarence Street	WCLN	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Clarkson	WCKN	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Cockburn Cement	WCCT	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Collier	WCOL	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Cottesloe	WCTE	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Edmund Street	WEDD	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Forrestfield	WFFD	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238

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)
Gosnells	WGNL	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Hadfields	WHFS	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Hazelmere	WHZM	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Henley Brook	WHBK	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Herdsmen Parade	WHEP	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Joel Terrace	WJTE	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Joondalup	WJDP	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Kalamunda	WKDA	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Kambalda	WKBA	Urban	15,908.220	29.239	27.335	32,933.425	2.470	6.822	48,841.645	31.709	34.157
Kewdale	WKDL	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Landsdale	WLDE	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Maddington	WMDN	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Malaga	WMLG	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Mandurah	WMHA	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Manning Street	WMAG	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Mason Road	WMSR	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Meadow Springs	WMSS	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Medical Centre	WMCR	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Medina	WMED	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Midland Junction	WMJX	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Morley	WMOY	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Mullaloo	WMUL	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Mundaring Weir	WMWR	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238

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)
Munday	WMDY	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Murdoch	WMUR	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Myaree	WMYR	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Nedlands	WNED	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
North Beach	WNBH	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
North Fremantle	WNFL	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
North Perth	WNPB	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
O'Connor	WOCN	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Osborne Park	WOPK	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Padbury	WPBY	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Piccadilly	WPCY	Urban	15,908.220	27.522	25.863	32,933.425	2.470	6.822	48,841.645	29.992	32.685
Riverton	WRTN	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Rivervale	WRVE	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Rockingham	WROH	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Shenton Park (Old)	WSPA	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Shenton Park (New)	WSPK	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Sth Ftle Power Station	WSFT	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Southern River	WSNR	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Tate Street	WTTS	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
University	WUNI	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Victoria Park	WVPA	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Waikiki	WWAI	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Wangara	WWGA	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238

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)
Wanneroo	WWNO	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Welshpool	WWEL	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Wembley Downs	WWDN	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Willetton	WWLN	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238
Yokine	WYKE	Urban	15,908.220	16.501	16.416	32,933.425	2.470	6.822	48,841.645	18.971	23.238

8.2.2 Demand length charges

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

Table 19: Reference for tariffs RT5, RT6, RT7, RT8 and RT11

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	1.705	1.205
Mining	0.365	0.255
Mixed	0.795	0.550
Rural	0.495	0.345

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

Table 20: Reference tariffs RT7, RT8 and RT11

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	1.460	1.025
Mining	0.315	0.220
Mixed	0.685	0.475
Rural	0.430	0.295

8.2.3 Metering prices

The prices in the following table are applicable for all reference tariffs (excluding RT9, RT10, RT25, RT26, RT27, RT28 and RT29).

Table 21: Metering prices

	c/revenue meter/day
Distribution connected customer (Accumulation / AMI)	7.966
Distribution connected customer (Interval meters)	34.603
Transmission connected customer	1,011.758

8.2.4 Administration charges

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

Table 22: Administration charges for RT7 and RT8

CMD	Price (c/day)
>=7,000 kVA	8,955.000
<7,000 kVA	5,155.000

8.2.5 LV prices

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

Table 23: LV prices RT8

Category	Price (c/day)
Fixed	1,120.00
Demand	10.805/kVA

8.2.6 Connection price

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

Table 24: Connection Price RT11

	Connection Price (c/kW/day)
Connection price	1.448

8.3 Transmission prices

8.3.1 Use of system prices

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

Table 25: Transmission prices TRT1

Substation	TNI	Use of System Price (c/kW/day)
Albany	WALB	15.894
Alcoa Pinjarra	WAPJ	4.508
Amherst	WAMT	3.783
Arkana	WARK	4.829
Australian Fused Materials	WAFM	3.135
Australian Paper Mills	WAPM	4.889
Baandee (WC)	WBDE	17.036
Balcatta	WBCT	4.948
Beckenham	WBEC	12.481
Beechboro	WBCH	4.394
Beenup	WBNP	19.060
Belmont	WBEL	3.894

Substation	TNI	Use of System Price (c/kW/day)
Bentley	WBTY	5.069
Bibra Lake	WBIB	3.481
Binningup Desalination Plant	WBDP	2.689
Black Flag	WBKF	17.372
Boddington Gold Mine	WBGM	2.916
Boddington	WBOD	2.842
Boulder	WBLD	15.315
Bounty	WBNY	37.623
Bridgetown	WBTN	7.785
British Petroleum	WBPM	6.722
Broken Hill Kwinana	WBHK	5.246
Bunbury Harbour	WBUH	2.570
Busselton	WBSN	8.051
Byford	WBYF	3.479
Canning Vale	WCVE	3.978
Capel	WCAP	6.088
Carrabin	WCAR	19.682
Cataby Kerr McGee	WKMC	7.260
Chapman	WCPN	11.326
Clarence Street	WCLN	6.537
Clarkson	WCKN	4.930
Cockburn Cement	WCCT	2.732
Cockburn Cement Ltd	WCCL	2.724
Collie	WCOE	10.998
Collier	WCOL	6.507
Cook Street	WCKT	4.682
Coolup	WCLP	13.636

Substation	TNI	Use of System Price (c/kW/day)
Cottesloe	WCTE	5.070
Cunderdin	WCUN	14.905
Darlington	WDTN	5.012
Edgewater	WEDG	4.341
Edmund Street	WEDD	4.467
Eneabba	WENB	8.156
Forrest Ave	WFRT	6.546
Forrestfield	WFFD	5.131
Geraldton	WGTN	9.296
Glen Iris	WGNI	3.033
Golden Grove	WGGV	24.364
Gosnells	WGNL	4.130
Hadfields	WHFS	4.964
Hay Street	WHAY	4.964
Hazelmere	WHZM	3.848
Henley Brook	WHBK	4.242
Herdsmen Parade	WHEP	7.529
Joel Terrace	WJTE	6.832
Joondalup	WJDP	4.652
Kalamunda	WKDA	5.243
Katanning	WKAT	12.740
Kellerberrin	WKEL	16.333
Kewdale	WKDL	3.817
Kojonup	WKOJ	5.829
Kondinin	WKDN	7.034
Kwinana Alcoa	WAKW	1.206
Kwinana Desalination Plant	WKDP	3.311

Substation	TNI	Use of System Price (c/kW/day)
Kwinana PWS	WKPS	2.418
Landsdale	WLDE	4.474
Maddington	WMDN	4.020
Malaga	WMLG	3.821
Mandurah	WMHA	3.282
Manjimup	WMJP	7.644
Manning Street	WMAG	5.557
Margaret River	WMRV	12.822
Marriott Road Barrack Silicon Smelter	WBSI	2.459
Marriott Road	WMRR	2.153
Mason Road	WMSR	1.919
Mason Road CSBP	WCBP	2.903
Mason Road Kerr McGee	WKMK	1.759
Meadow Springs	WMSS	3.722
Medical Centre	WMCR	5.889
Medina	WMED	2.771
Merredin 66kV	WMER	13.899
Midland Junction	WMJX	4.677
Milligan Street	WMIL	5.545
Moora	WMOR	7.829
Morley	WMOY	5.099
Mt Barker	WMBR	13.831
Muchea Kerr McGee	WKMM	7.387
Muchea	WMUC	4.891
Muja PWS	WMPS	1.470
Mullaloo	WMUL	4.806
Munday	WMDY	5.180

Substation	TNI	Use of System Price (c/kW/day)
Murdoch	WMUR	3.099
Mundaring Weir	WMWR	7.504
Myaree	WMYR	5.920
Narrogin	WNGN	16.862
Nedlands	WNED	5.544
North Beach	WNBH	4.948
North Fremantle	WNFL	4.977
North Perth	WNPH	4.223
Northam	WNOR	9.962
Nowgerup	WNOW	5.707
O'Connor	WOCN	5.163
Osborne Park	WOPK	5.366
Padbury	WPBY	5.013
Parkeston	WPRK	17.433
Parklands	WPLD	3.826
Piccadilly	WPCY	13.864
Picton 66kv	WPIC	3.544
Pinjarra	WPNJ	2.736
Rangeway	WRAN	10.542
Regans	WRGN	8.388
Riverton	WRTN	3.426
Rivervale	WRVE	5.326
Rockingham	WROH	2.935
Sawyers Valley	WSVY	8.313
Shenton Park	WSPA	5.767
Southern River	WSNR	3.596
South Fremantle 22kV	WSFT	3.729

Substation	TNI	Use of System Price (c/kW/day)
Summer St	WSUM	7.052
Sutherland	WSRD	4.223
Tate Street	WTTS	5.955
Three Springs	WTSG	7.775
Three Springs Terminal (Karara)	WTST	18.777
Tomlinson Street	WTLN	6.033
University	WUNI	6.393
Victoria Park	WVPA	5.822
Wagerup	WWGP	2.144
Wagin	WWAG	13.057
Waikiki	WWAI	3.209
Wangara	WWGA	4.594
Wanneroo	WWNO	4.835
Wellington Street	WWNT	7.017
Welshpool	WWEL	3.794
Wembley Downs	WWDN	5.662
West Kalgoorlie	WWKT	12.674
Western Collieries	WWCL	2.158
Western Mining	WWMG	2.536
Westralian Sands	WWSD	5.520
Willetton	WWLN	3.646
Worsley	WWOR	1.790
Wundowie	WWUN	10.161
Yanchep	WYCP	4.842
Yerbillon	WYER	18.924
Yilgarn	WYLN	14.213
Yokine	WYKE	5.245

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

Table 26: Reference tariffs RT11 and TRT2

Substation	TNI	Use of System Price (c/kW/day)
Albany	WALB	2.039
Badgingarra	BGA	2.082
Boulder	WBLD	1.477
Bluewaters	WBWP	2.054
Cockburn PWS	WCKB	1.245
Collgar	WCGW	2.357
Collie PWS	WCPS	2.390
Emu Downs	WEMD	2.082
Geraldton	WGTN	0.350
Greenough Solar Farm	TMGS	0.445
Kemerton PWS	WKEM	1.660
Kwinana Alcoa	WAKW	1.284
Kwinana Donaldson Road	WKND	0.974
Kwinana PWS	WKPS	1.245
Landwehr (Alinta)	WLWT	1.550
Mason Road	WMSR	0.974
Merredin Power Station	TMDP	1.717
Muja PWS	WMPS	2.507
Mumbida Wind Farm	TMBW	2.113
Mungarra GTs	WMGA	2.075
Newgen Kwinana	WNGK	1.449
Newgen Neerabup	WGNN	1.277
Oakley (Alinta)	WOLY	1.728
Parkeston	WPKS	1.782

Substation	TNI	Use of System Price (c/kW/day)
Pinjar GTs	WPJR	1.035
Alcoa Pinjarra	WAPJ	1.814
Tiwest GT	WKMK	1.007
Wagerup	WWGP	1.429
Walkaway Windfarm	WWWF	2.292
West Kalgoorlie GTs	WWKT	1.449
Worsley	WWOR	1.623

8.3.2 Common service prices

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

Table 27: Common Service Prices TRT1

	Common Service Price (c/kW/day)
Common service price	4.627

8.3.3 Control system service prices

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

Table 28: Control system service prices for reference tariffs RT11 and TRT2

	Price (c/kW/day)
Control system service price (Generators)	0.211

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

Table 29: Control system service prices for reference tariff TRT1

	Price (c/kW/day)
Control system service price (Loads)	1.747

8.4 Excess network usage charges – substation classification

The following table applies to reference tariffs RT7, RT8, RT11, TRT1 and TRT2.

Table 30: Values for ENUM for reference tariffs RT7, RT8, RT11, TRT1 and TRT2

Substation	ENUM
All substations in pricing zone 'Goldfields Mining' in Table 18	2.5
Albany	2.5
All other substations	1

8.5 Other prices

The following table applies to reference tariff RT25.

Table 31: Supply abolishment charges for RT25

Location	Charge (\$)
Metropolitan area ²	392.13
Non-Metropolitan area	499.46

The following table applies to reference tariff RT26, RT27, RT28 and RT29.

Table 32: Charges for RT26, RT27, RT28 and RT29

Service	Charge per request (\$)
RT26	4.81
RT27	4.81
RT28	4.81
RT29	4.81

² As defined in the Electricity Industry (Metering) Code

9. Applications and Queuing Policy fees

The Applications and Queuing Policy refers to several fees being published in the Price List. These prices are detailed below:

Table 33: Fees payable under the Applications and Queuing Policy

Fee type	Price
New Standard Access Contract Fee	\$1,150.00
Access Contract Modification Fee	\$140 per modification
Enquiry Fee	\$3,500.00
Application Lodgement Fee	\$5,000.00
Preliminary Offer Processing Fee	A variable fee
Preliminary Acceptance Fee	A variable fee
Reference service (metering) modification fee	\$0.00
Capacity allocation service fee – for a capacity swap reference service (D2 or D3)	\$1,750.00
Capacity allocation service fee – for a capacity allocation reference service (D4 or D5)	\$140 per modification
Supply abolishment service fee	\$0.00

Table 34: Fees payable under the Applications and Queuing Policy

Application for Reference Service	New Connection Point Fee
A1 – Anytime Energy (Residential) Exit Service	\$0.00 per connection point
A2 – Anytime Energy (Business) Exit Service	\$0.00 per connection point
A3 – Time of Use Energy (Residential) Exit Service	\$0.00 per connection point
A4 – Time of Use Energy (Business) Exit Service	\$0.00 per connection point
A5 – High Voltage Metered Demand Exit Service C5 – High Voltage Metered Demand Bi-directional Service	\$44.00 per connection point
A6 – Low Voltage Metered Demand Exit Service C6 – Low Voltage Metered Demand Bi-directional Service	\$44.00 per connection point
A7 – High Voltage Contract Maximum Demand Exit Service C7 – High Voltage Contract Maximum Demand Bi-directional Service	\$88.00 per connection point

Application for Reference Service	New Connection Point Fee
A8 – Low Voltage Contract Maximum Demand Exit Service C8 – Low Voltage Contract Maximum Demand Bi-directional Service	\$88.00 per connection point
A9 – Streetlighting Exit Service	\$0.00 per connection point
A10 – Unmetered Supplies Exit Service	\$0.00 per connection point
A11 – Transmission Exit Service	\$175.00 per connection point
B1 – Distribution Entry Service	\$175.00 per connection point
B2 – Transmission Entry Service	\$175.00 per connection point
B3 – Entry Service Facilitating a Distributed Generation or Other Non-Network Solution	\$3,500.00 per connection point
C1 – Anytime Energy (Residential) Bi-directional Service	\$0.00 per connection point
C2 – Anytime Energy (Business) Bi-directional Service	\$0.00 per connection point
C3 – Time of Use (Residential) Bi-directional Service	\$0.00 per connection point
C4 – Time of Use (Business) Bi-directional Service	\$0.00 per connection point
A12 – 3 Part Time of Use Energy (Residential) Exit Service C9 – 3 Part Time of Use Energy (Residential) Bi-directional Service	\$0.00 per connection point
A13 – 3 Part Time of Use Energy (Business) Exit Service C10 – 3 Part Time of Use Energy (Business) Bi-directional Service	\$0.00 per connection point
A14 – 3 Part Time of Use Demand (Residential) Exit Service C11 – 3 Part Time of Use Demand (Residential) Bi-directional Service	\$0.00 per connection point
A15 – 3 Part Time of Use Demand (Business) Exit Service C12 – 3 Part Time of Use Demand (Business) Bi-directional Service	\$0.00 per connection point
A16 – Multi Part Time of Use Energy (Residential) Exit Service C13 – Multi Part Time of Use Energy (Residential) Bi-directional Service	\$0.00 per connection point
A17 – Multi Part Time of Use Energy (Business) Exit Service C14 – Multi Part Time of Use Energy (Business) Bi-directional Service	\$0.00 per connection point
C15 – Bi-directional Service Facilitating a Distributed Generation or Other Non-Network Solution	\$3,500.00 per connection point

The AQP includes two variable fees, the preliminary offer processing fee and preliminary acceptance fee. The methodology for these fees can be found on the following webpage:

<https://westernpower.com.au/about/regulation/network-access-prices/>