

Reference Services

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Reference Services

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1. Introduction

This document describes Western Power's *reference services*.

1.1 Definitions

In this document, where a word or phrase is italicised it has the definition given to the word or phrase below, in the *access arrangement* or in section 1.3 of the *Code*, unless the context otherwise requires.

“**accumulation meter**” has the meaning given to it in the *Metering Code*.

“**accumulation metering installation**” means a *metering installation* with an *accumulation meter*.

“**AMI Meter**” has the meaning given to it in the *MSLA*.

“**AMI metering installation**” means a *metering installation* with an *AMI Meter* (other than a compliance meter).

“**bi-directional point**” has the meaning given to ‘bidirectional point’ in the *applications and queuing policy*.

“**bi-directional service**” means a *covered service* provided by Western Power at a *bi-directional point* under which the user may transfer electricity into and out of the *Western Power Network* at the *bi-directional point*.

“**compliance instruments**” means the *technical rules*, the *WA Electrical Requirements*, the *WA Distribution Connection Manual* and *AS/NZS 3000:2007 Electrical Installations*.

“**compliance meter**” means an *AMI Meter* that has been installed under Schedule 3, clause 3.2 (Meter Upgrade) of the *MSLA*.

“**compliance metering installation**” means a *metering installation* with a *compliance meter*

“**connection service**” has the meaning given to it in the *Code* and also includes a right to connect *facilities and equipment* at a *bi-directional point*.

“**interval meter**” has the meaning given to it in the *Metering Code* (but does not include an *AMI Meter*).

“**interval metering installation**” means a *metering installation* with an *interval meter* capable of measuring the transfer of electricity into, or out of, the *Western Power Network* but not both.

“**interval metering installation (bi-directional)**” means a *metering installation* with an *interval meter* capable of measuring the transfer of electricity into and out of the *Western Power Network*.

“**meter**” has the meaning given to it in the *Metering Code*.

“**Metering Code**” means the *Electricity Industry (Metering) Code 2012*.

“**metering installation**” has the meaning given to it in the *Metering Code*.

“**metering service**” has the meaning given to it in the *Metering Code*.

“**MSLA**” means the model service level agreement most recently approved by the *Authority* under the *Metering Code*

“standard metering service” has the meaning given to it in *MSLA* and includes the *metering service* relevant to the metering installation installed at the *exit point, entry point* or *bi-directional point*.

“non-residential premises” means premises that are not *residential premises* or premises that are not occupied by a *voluntary/charitable organisation*.

“retail tariff by-laws” means the *Energy Operators (Electricity Generation and Retail Corporation) (Charges) By-laws 2006*

“residential premises” means:

- if the *retail tariff by-laws* are in force:
 - premises in relation to which the *user’s consumer* is, or is to be, charged Tariff A1 or Tariff B1 under those *by-laws*; or
 - premises in relation to which the *user’s consumer* is, or is to be, charged Tariff K1 under those *by-laws* provided that Western Power determines, as a *reasonable and prudent person*, that the consumption at the premises is, or will be, less than 20,000 kWh per annum; or
- if the *retail tariff by-laws* are not in force:
 - premises where the electricity supply is solely for residential purposes; or
 - where the electricity supply is to premises used for both residential and other purposes, that part of the premises used solely for residential purposes if that part is independently supplied and separately metered; or
 - premises used for both residential and other purposes where the circuit wiring is not separate provided that Western Power determines, as a *reasonable and prudent person*, that the consumption at the premises is, or will be, less than 20,000 kWh per annum.
- **“small use customer”** has the meaning given to ‘customer’ in the *Code of Conduct For The Supply Of Electricity To Small Use Customers 2016*.
- **“voluntary/charitable organisation”** means:
 - a *user’s consumer* who is, or is to be, a *small use customer*; and
 - if the *retail tariff by-laws* are in force, a *user’s consumer* who is, or is to be, charged Tariff C1 or Tariff D1 under those *by-laws*; or
 - if the *retail tariff by-laws* are not in force:
 - a small voluntary and charitable organisation meeting all the conditions listed in subclause 11(3) of those *by-laws* as if that subclause did apply, or
 - a charitable or benevolent organisation providing residential accommodation other than for commercial gain.

“WA Electrical Requirements” has the meaning given to ‘W A Electrical Requirements’ in the *Electricity (Licensing) Regulations 1991*

1.2 Interpretation

Unless the contrary intention is apparent:

- a rule of interpretation in the *Code*; and
- the *Interpretation Act 1984*,

apply to the interpretation of this document.

For the avoidance of doubt, a reference to each of the instruments referred to in the definitions and to an applicable *price list* includes any amendment or replacement of it that is for the time being in force, and includes all instruments made under it from time to time.

For the avoidance of doubt, an *AMI Meter* cannot be an *accumulation meter*.

1.3 Transitional

The reference number for a *reference service* is the number and letter used to describe that *reference service* (being A1 to A11, B1, B2, C1, C2, C3 and C4).

Each *reference service* described in parts 2, 3 and 4 of this appendix (AA4 reference services) is materially the same (as that term is used in clause 7.1(c) of *Standard Access Contract* (termed the Electricity Transfer Access Contract) as the *reference service* described in parts 2, 3 and 4 of Appendix E of the previous *access arrangement* which has the same reference number as that AA4 reference service.

2. Reference Services (Exit Services) and Bi-directional Services (demand based)

Western Power offers 11 *exit services* (and 4 *bi-directional services (demand based)*) as *reference services*.

Reference Service Name:	Reference Service A1 – Anytime Energy (Residential) Exit Service
Reference Service Description:	An <i>exit service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The <i>exit point</i> is located at <i>residential premises</i> or a premises occupied by a <i>voluntary/charitable organisation</i>; and 2. An <i>accumulation metering installation</i> or a <i>compliance metering installation</i> is installed at the <i>exit point</i>; and 3. The <i>consumer’s facilities and equipment</i> comply with the <i>compliance instruments</i>; and 4. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“RT1” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A2 – Anytime Energy (Business) Exit Service
Reference Service Description:	An <i>exit service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The <i>exit point</i> is located at <i>non-residential premises</i>; and 2. The maximum demand at the <i>exit point</i> is: <ol style="list-style-type: none"> a. less than 1,500 kVA based on historic metering data; or b. Western Power determines, as a reasonable and prudent person, that the <i>user's</i> forecast maximum demand will be less than 1,500 kVA. 3. An <i>accumulation metering installation</i> or a <i>compliance metering installation</i> is installed at the <i>exit point</i>; and 4. The <i>consumer's facilities and equipment</i> comply with the <i>compliance instruments</i>; and 5. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	"RT2" in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	"Electricity Transfer Access Contract" published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A3 – Time of Use Energy (Residential) Exit Service
Reference Service Description:	An <i>exit service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The <i>exit point</i> is located at <i>residential premises</i> or a premises occupied by a <i>voluntary/charitable organisation</i>; and 2. An <i>accumulation metering installation</i> programmed to the time bands set out in the <i>Price List</i> for RT3 or a <i>compliance metering installation</i> is installed at the <i>exit point</i>; and 3. The consumer’s facilities and equipment comply with the <i>compliance instruments</i>; and 4. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“RT3” in the applicable <i>Price List</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A4 – Time of Use Energy (Business) Exit Service
Reference Service Description:	An <i>exit service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The <i>exit point</i> is located at <i>non-residential premises</i>; and 2. The maximum demand at the <i>exit point</i> is: <ol style="list-style-type: none"> a. less than 1,500 kVA based on historic metering data; or b. Western Power determines, as a reasonable and prudent person, that the <i>user's</i> forecast maximum demand will be less than 1,500 kVA. 3. An <i>accumulation metering installation</i> or a <i>compliance metering installation</i> programmed to the time bands set out in the <i>price list</i> for RT4 is installed at the <i>exit point</i>; and 4. The consumer's <i>facilities and equipment</i> comply with the <i>compliance instruments</i>; and 5. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	"RT4" in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	"Electricity Transfer Access Contract" published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A5 – High Voltage Metered Demand Service
Reference Service Description:	An <i>exit service</i> or <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> or <i>bi-directional point</i> on the high voltage (6.6 kV or higher) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The maximum demand at the <i>exit point</i> or <i>bi-directional point</i> is: <ol style="list-style-type: none"> a. less than 1,500 kVA based on historic metering data; or b. Western Power determines, as a reasonable and prudent person, that the <i>user's</i> forecast maximum demand will be less than 1,500 kVA. 2. An <i>interval metering installation</i> is installed at the <i>exit point</i>¹ or an <i>interval metering installation (bi-directional)</i> is installed at the <i>bi-directional point</i>; and 3. The <i>consumer's facilities and equipment</i> comply with the <i>compliance instruments</i>; and 4. For a <i>bi-directional service</i>: <ol style="list-style-type: none"> a) the premises have an inverter system rated up to a total of 1 MVA for single or three-phase connections; and b) the consumer's inverter system complies with the requirements of AS 4777 and the <i>technical rules</i>, and satisfies a technical assessment by Western Power for installations larger than 30kVA; and 5. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The tariff that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	"RT5" in the price list published in Appendix F.1 of the <i>access arrangement</i>
Applicable Standard Access Contract:	"Electricity Transfer Access Contract" published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A6 – Low Voltage Metered Demand Service
Reference Service Description:	An <i>exit service</i> or <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> or <i>bi-directional service</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The maximum demand at the <i>exit point</i> or <i>bi-directional point</i> is: <ol style="list-style-type: none"> a. less than 1,500 kVA based on historic metering data; or b. Western Power determines, as a reasonable and prudent person, that the <i>user's</i> forecast maximum demand will be less than 1,500 kVA. 2. An <i>interval metering installation</i> is installed at the <i>exit point</i>, or an <i>interval metering installation (bi-directional)</i> or an <i>AMI metering installation</i> is installed at the <i>bi-directional point</i>; and 3. The consumer's <i>facilities and equipment</i> comply with the <i>compliance instruments</i>; and 4. For a <i>bi-directional service</i>: <ol style="list-style-type: none"> a) the premises have an inverter system rated up to a total of 1 MVA for single or three-phase connections; and b) the <i>consumer's</i> inverter system complies with the requirements of AS 4777 and the <i>technical rules</i>, and satisfies a technical assessment by Western Power for installations larger than 30kVA; and 5. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	"RT6" in the applicable price list published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	"Electricity Transfer Access Contract" published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A7 – High Voltage Contract Maximum Demand Service
Reference Service Description:	An <i>exit service</i> or <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> or <i>bi-directional service</i> on the high voltage (6.6 kV or higher) <i>distribution system</i>
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The contracted maximum demand at the <i>exit point</i> or <i>bi-directional point</i> is greater than 1,000 kVA; and 2. An <i>interval metering installation</i> is installed at the <i>exit point</i>, or an <i>interval metering installation (bi-directional)</i> is installed at the <i>bi-directional point</i>; and 3. The <i>consumer’s facilities and equipment</i> comply with the <i>compliance instruments</i>; and 4. For a <i>bi-directional service</i>: <ol style="list-style-type: none"> a) the premises have an inverter system rated up to a total of 1 MVA for single or three-phase connections; and b) the <i>consumer’s</i> inverter system complies with the requirements of AS 4777 and the <i>technical rules</i>, and satisfies a technical assessment by Western Power for installations larger than 30kVA; and 5. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“RT7” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A8 – Low Voltage Contract Maximum Demand Service
Reference Service Description:	An <i>exit service</i> or <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> or <i>bi-directional service</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The contracted maximum demand at the <i>exit point</i> or <i>bi-directional point</i> is greater than 1,000 kVA; and 2. An <i>interval metering installation</i> is installed at the <i>exit point</i>, or an <i>interval metering installation (bi-directional)</i> or an <i>AMI metering installation</i> is installed at the <i>bi-directional point</i>; and 3. The <i>consumer’s facilities and equipment</i> comply with the <i>compliance instruments</i>; and 4. For a <i>bi-directional service</i>: <ol style="list-style-type: none"> a. the premises have an inverter system rated up to a total of 1 MVA for single or three-phase connections; and b. the <i>consumer’s inverter system</i> complies with the requirements of AS 4777 and the <i>technical rules</i>, and satisfies a technical assessment by Western Power for installations larger than 30kVA; and 5. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“RT8” in the applicable price list published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A9 – Streetlighting Exit Service
Reference Service Description:	An <i>exit service</i> combined with a <i>connection service</i> at an <i>exit point</i> on the low voltage (415 volts or less) <i>distribution system</i> for the purpose of public street lighting, plus the service of the provision and maintenance of the streetlight.
Eligibility Criteria:	<ol style="list-style-type: none"> 1. <i>Users</i> are eligible to use this <i>service</i> if the streetlight is a Western Power streetlight; and 2. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“RT9” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Sections 4.2 and 4.4 of the <i>access arrangement</i>

Reference Service Name:	Reference Service A10 –Un-Metered Supplies Exit Service
Reference Service Description:	An <i>exit service</i> combined with a <i>connection service</i> at an <i>exit point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The <i>exit point</i> is located on public land; and 2. The maximum <i>load</i> at the <i>exit point</i> is not subject to <i>user</i> or <i>consumer</i> controlled variations in duration of usage; and 3. Western Power, as a <i>reasonable and prudent person</i>, forecasts the maximum <i>load</i> at the <i>exit point</i> to be less than 1 kW single-phase except for streetlights, traffic lights, rail crossings, and pedestrian lighting where the <i>consumer</i> is a road or local government authority, then the maximum <i>load</i> at the <i>exit point</i> is less than 4.8 kW single phase; and 4. Metering is not practicable due to the nature or location of the <i>exit point</i> and/or <i>consumer’s facilities and equipment</i>; and 5. The <i>consumer’s facilities and equipment</i> comply with the <i>compliance instruments</i>; and 6. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“RT10” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>Access Arrangement</i>

Reference Service Name:	Reference Service A11 – Transmission Exit Service
Reference Service Description:	An <i>exit service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> on the <i>transmission system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. An <i>interval metering installation</i> is installed at the <i>exit point</i>; and 2. The consumer’s <i>facilities and equipment</i> comply with the <i>compliance instruments</i>; and 3. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The tariff that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“TRT1” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.3 of the <i>access arrangement</i>

3. Reference Services (Entry Services)

Western Power offers 2 entry services as reference services.

Reference Service Name:	Reference Service B1 – Distribution Entry Service
Reference Service Description:	An <i>entry service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>entry point</i> on the <i>distribution system</i> .
Eligibility Criteria:	<p>Users are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. An <i>interval metering installation</i> is installed at the <i>entry point</i>; and 2. The <i>generator’s facilities and equipment</i> comply with the <i>compliance instruments</i>; and 3. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c. The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“RT11” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service B2 – Transmission Entry Service
Reference Service Description:	An <i>entry service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>entry point</i> on the <i>transmission system</i> .
Eligibility Criteria:	<p>Users are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. An <i>interval metering installation</i> is installed at the entry point¹; and 2. The generator’s facilities and equipment comply with the <i>compliance instruments</i>; and 3. each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a. The terms and conditions of the <i>access contract</i> under which the service will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b. The <i>tariff</i> that determines the charge is different to the Applicable Reference Tariff for this <i>service</i>, or c. The user is to receive delivered electricity at a service standard different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“TRT2” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.3 of the <i>access arrangement</i>

4. Reference Services (Bi-directional Services)

Western Power offers 4 *bi-directional services* as a *reference services*.

Reference Service Name:	Reference Service C1 – Anytime Energy (Residential) – Bi-directional Service
Reference Service Description:	A <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at a <i>bi-directional point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p>Users are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The <i>bi-directional point</i> is located at a <i>residential premises</i> or a premises occupied by a <i>voluntary/charitable organisation</i> with an inverter system rated up to 10 kVA for single phase connections and 30 kVA for three phase connections; and 2. An <i>accumulation metering installation</i> having capability for import and export channels or a <i>compliance metering installation</i> is installed at the <i>bi-directional point</i> ; and 3. The <i>consumer's</i> inverter system complies with the requirements of AS 4777 and the <i>technical rules</i>; and 4. The <i>consumer's facilities and equipment</i> comply with the <i>compliance instruments</i>; and 5. Each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a) The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b) The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c) The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	“RT13” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service C2 – Anytime Energy (Business) – Bi-directional Service
Reference Service Description:	A <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard meter service</i> at a <i>bi-directional point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The <i>bi-directional point</i> is located at a <i>non-residential premises</i> with an inverter system rated up to a total of 1 MVA for single or three-phase connections; and 2. An <i>accumulation metering installation</i> having capability for import and export channels, or an <i>interval metering installation (bi-directional)</i> or a <i>compliance metering installation</i> is installed at the <i>bi-directional point</i>; and 3. The <i>consumer's</i> inverter system complies with the requirements of AS 4777 and the <i>technical rules</i>, and satisfies a technical assessment by Western Power for installations larger than 30kVA; and 4. The <i>consumer's facilities and equipment</i> comply with the <i>compliance instruments</i>; and 5. Each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a) The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b) The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c) The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	"RT14" in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	"Electricity Transfer Access Contract" published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service C3 – Time of Use Energy (Residential) – Bi-directional Service
Reference Service Description:	A <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard meter service</i> at a <i>bi-directional point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p><i>Users</i> are eligible to use this <i>service</i> if:</p> <ol style="list-style-type: none"> 1. The <i>bi-directional point</i> is located at a <i>residential premises</i> or a premises occupied by a <i>voluntary/charitable organisation</i> with an inverter system rated up to 10 kVA for single phase connections and 30 kVA for three phase connections; and 2. One of: <ol style="list-style-type: none"> a. an <i>accumulation metering installation</i> having capability for import and export channels and is programmed to the time bands set out in the <i>price list</i> for RT15, or b. an <i>interval metering installation (bi-directional)</i>, or c. a <i>compliance metering installation</i> <p>is installed at the <i>bi-directional point</i>; and</p> <ol style="list-style-type: none"> 3. The <i>consumer's</i> inverter system complies with the requirements of AS 4777 and the <i>i</i>; and 4. The <i>consumer's facilities and equipment</i> comply with the <i>compliance instruments</i>; and 5. Each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a) The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b) The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c) The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	"RT15" in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	"Electricity Transfer Access Contract" published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service C4 – Time of Use Energy (Business) – Bi-directional Service
Reference Service Description:	A <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard meter service</i> at a <i>bi-directional point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<p>Users are eligible to use this service if:</p> <ol style="list-style-type: none"> 1. The <i>bi-directional point</i> is located at <i>non-residential premises</i> with an inverter system rated up to a total of 1 MVA for single or three-phase connections; and 2. One of: <ol style="list-style-type: none"> a. an <i>accumulation metering installation</i> having capability for import and export channels and is programmed to the time bands set out in the <i>price list</i> for RT16 or b. an <i>interval metering installation (bi-directional)</i> or c. a <i>compliance metering installation</i> is installed at the <i>bi-directional point</i>; and 3. The <i>consumer's</i> inverter system complies with the requirements of AS 4777 and the <i>technical rules</i>, and satisfies a technical assessment by Western Power for installations larger than 30kVA; and 4. The <i>consumer's facilities and equipment</i> comply with the <i>compliance instruments</i>; and 5. Each of the following does not apply under an agreement with Western Power: <ol style="list-style-type: none"> a) The terms and conditions of the <i>access contract</i> under which the <i>service</i> will be provided are materially different to the Applicable Standard Access Contract for this <i>service</i>, b) The <i>tariff</i> that determines the <i>charge</i> is different to the Applicable Reference Tariff for this <i>service</i>, or c) The <i>user</i> is to receive delivered electricity at a <i>service standard</i> different to the Applicable Service Standard Benchmarks for this <i>service</i>.
Applicable Reference Tariff:	"RT16" in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	"Electricity Transfer Access Contract" published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

5. Reference Services (AMI metering installation and compliance metering installation services)

Western Power offers 4 services at an *exit point* or a *bi-directional point* with an *AMI metering installation* or a *compliance metering installation* as *reference services*.

Where an *AMI metering installation* is installed at an *exit point* or a *bi-directional point* *reference services* D1 to D4 will apply (unless *reference services* A6 or A8 apply).

Under the *MSLA*, for a meter installation and energisation (metering service MP-1) and a meter exchange (metering service MP-4), both metering services requested by the *user*, Western Power will install an *AMI Meter* for a Standard Supply requiring Whole Current Metering where a telecommunications network is available. This amounts to an *AMI metering installation* being installed at an *exit point* or a *bi-directional point* under this clause and *reference services* D1 to D4 will apply (unless *reference services* A6 or A8 apply). Under clause [4.3] (meter exchange) of the *MSLA*, and for the purposes of this appendix, once an *AMI Meter* has been installed it cannot be replaced with a Non-AMI Meter. Capitalised terms in this paragraph take their meaning from the *MSLA*.

Where a *compliance metering installation* is installed at an *exit point* or a *bi-directional point* *reference services* D1 to D4 will apply where the *user* so requests. The *user* cannot thereafter, at that *exit point* or *bi-directional point*, revert to a *reference service* that would otherwise be available for a *compliance metering installation* (and the eligibility criteria will be applied accordingly).

Reference Service Name:	Reference Service D1 – Time of Use Energy (Residential) AMI Service
Reference Service Description:	An <i>exit service</i> or a <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> or a <i>bi-directional point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	<i>Users</i> are eligible to use this <i>service</i> if: 1) the eligibility criteria for <i>reference service</i> A1 are met; or 2) the eligibility criteria for <i>reference service</i> C1 are met, with an <i>AMI metering installation</i> (instead of an <i>accumulation meter</i>) or a <i>compliance metering installation</i> installed at the <i>exit point</i> or the <i>bi-directional point</i> .
Applicable Reference Tariff:	“RT17” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service D2 – Time of Use Energy (Business) AMI Service
Reference Service Description:	An <i>exit service</i> or a <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> or a <i>bi-directional point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	Users are eligible to use this <i>service</i> if: 1) the eligibility criteria for <i>reference service A2</i> are met; or 2) the eligibility criteria for <i>reference service C2</i> are met, with an <i>AMI metering installation</i> (instead of an <i>accumulation meter</i> or an <i>interval metering installation (bi-directional)</i>) or a <i>compliance metering installation</i> installed at the <i>exit point</i> or the <i>bi-directional point</i> .
Applicable Reference Tariff:	“RT18” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service D3 – Time of Use Demand (Residential) AMI Service
Reference Service Description:	An <i>exit service</i> or a <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> or a <i>bi-directional point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	Users are eligible to use this <i>service</i> if: 1) the eligibility criteria for <i>reference service A1</i> are met; or 2) the eligibility criteria for <i>reference service C1</i> are met, with an <i>AMI metering installation</i> (instead of an <i>accumulation meter</i>) or a <i>compliance metering installation</i> installed at the <i>exit point</i> or the <i>bi-directional point</i> .
Applicable Reference Tariff:	“RT19” in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	“Electricity Transfer Access Contract” published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>

Reference Service Name:	Reference Service D4 – Time of Use Demand (Business) AMI Service
Reference Service Description:	An <i>exit service</i> or a <i>bi-directional service</i> combined with a <i>connection service</i> and a <i>standard metering service</i> at an <i>exit point</i> or a <i>bi-directional point</i> on the low voltage (415 volts or less) <i>distribution system</i> .
Eligibility Criteria:	Users are eligible to use this <i>service</i> if: 1) the eligibility criteria for <i>reference service A2</i> are met; or 2) the eligibility criteria for <i>reference service C2</i> are met, with an <i>AMI metering installation</i> (instead of an <i>accumulation meter</i> or an <i>interval metering installation (bi-directional)</i>) or a <i>compliance metering installation</i> installed at the <i>exit point</i> or the <i>bi-directional point</i> .
Applicable Reference Tariff:	"RT20" in the applicable <i>price list</i> published in Appendix F of the <i>access arrangement</i>
Applicable Standard Access Contract:	"Electricity Transfer Access Contract" published in Appendix A of the <i>access arrangement</i>
Applicable Service Standard Benchmarks:	As set out in Section 4.2 of the <i>access arrangement</i>