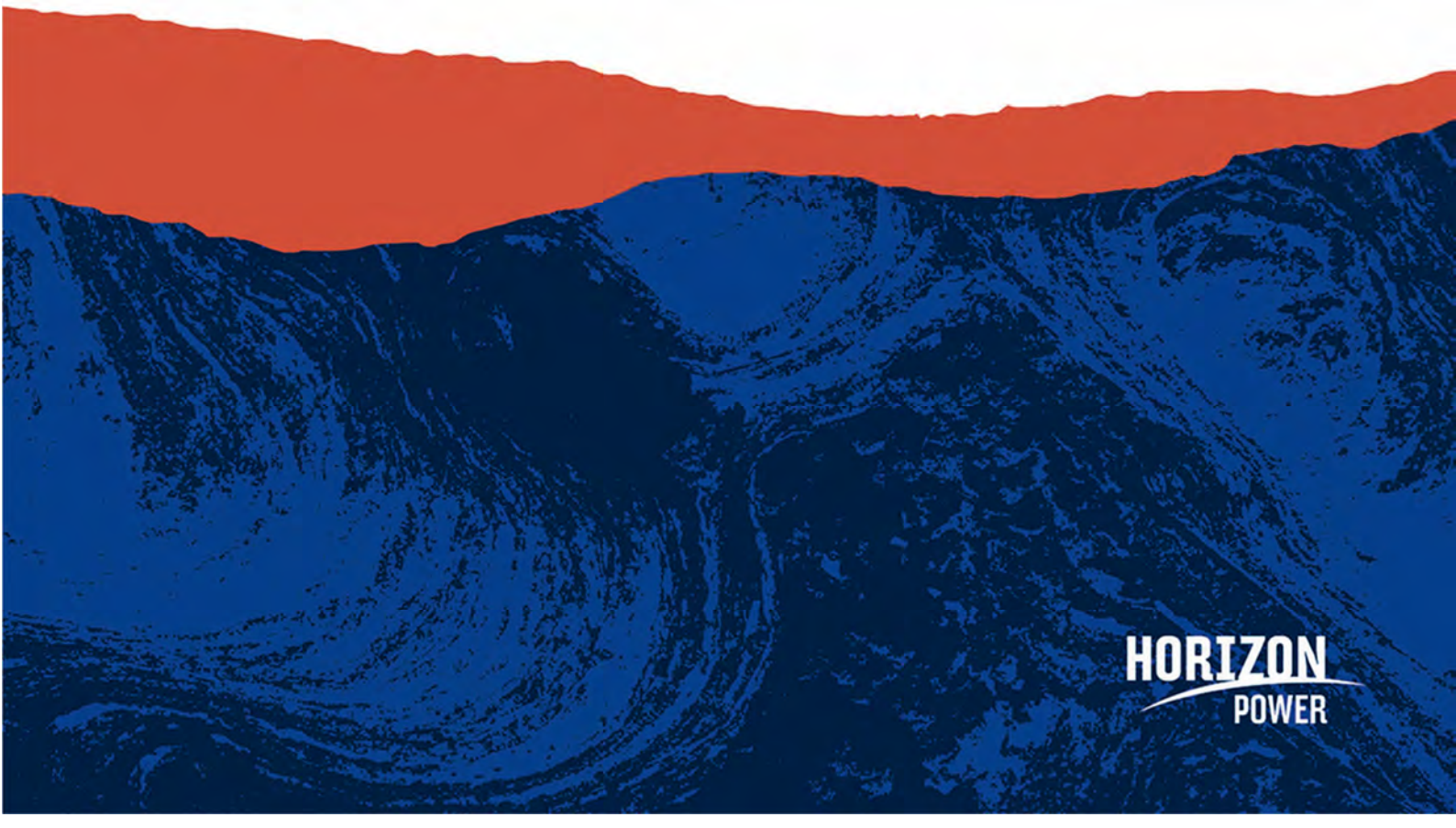
Services and pricing policy, Appendix A

Reference services

For the covered Pilbara network

Document Number: 12616312



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This policy remains in effect, until replaced or updated, notwithstanding expiration of the review date.

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1. ABBREVIATIONS AND DEFINED TERMS

The following abbreviations are used in this document and have the meaning provided in the table below.

Table 1: Document Abbreviations

Abbreviation	Meaning
AS	Australian Standard
kV	kilo Volts, which is 1,000 Volts
kVA	kilo Volt Amps, which is 1,000 Volt Amps
kW	kilo Watts, which is 1,000 Watts
MSLA	Model Service Level Agreement
MVA	Mega Volt Amps, which is 1 million Volt Amps
MWh	Mega Watt hours, which is 1 million Watt hours
NSP	Network Service Provider
NWIS	North West Interconnected System, the common name of the interconnected system of networks described in the *Act* as the "interconnected Pilbara system"
NZS	New Zealand Standard

The following defined terms are used in this document and have the meaning provided in the table below.

Table 2: Document Defined Terms

Defined term	Meaning
access contract	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *access contract* as having the same meaning as 'Pilbara access agreement' does in Part 8A of the *Act*, and includes an associate arrangement.}
Act	the *Electricity Industry Act 2004 (WA)*.
applicant	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *applicant* as a person (who may be a *user*) who seeks access to a *light regulation network* to establish or modify an *access contract*, and includes a prospective *applicant*.}
bidirectional point	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *bidirectional point* as a point on a *light regulation network* which is, or is to be, identified as such (explicitly or by inference) in a contract for *services* at which, subject to the contract for *services*, electricity is expected to be, on a regular basis, both transferred into the *light regulation network* and transferred out of the *light regulation network*.}

Defined term	Meaning
bidirectional service	a *covered service* provided at a *connection point* on a *light regulation network* that is a *bidirectional point.*
capital-related costs	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *capital-related costs* in relation to *covered services* provided by an *NSP* by means of a *light regulation network* for a period of time, as— (a) a return on the capital base of the *light regulation network*; and (b) depreciation of the capital base of the *light regulation network*.}
Code	Pilbara Networks Access Code 2021 (WA).
communications network	a metrology telecommunications link provided by way of telecommunication network and other devices and processes supported by Horizon Power with the capability activated to communicate between the *meter* and Horizon Power for the upload of *energy data* from a remote locality.
connect	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *connect* as to form a physical link to or through a *light regulation network*.}
connection point	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *connection point* as a point on a *light regulation network* which is, or is to be, identified as such (explicitly or by inference) in a contract for *services* as being an *entry point*, *exit point*, *interconnection point* or *bidirectional point*.}
connection service	the right to *connect facilities and equipment* at a *connection point.*
consumer	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *consumer* as a person who consumes electricity.}
covered Pilbara network	has the same meaning given to it in section 3 of the *Act* and for the purposes of this policy includes both a *network* and a right of the *NSP* to use a *network* (to the extent of that right of use). {As at 25 June 2021, the *Act* defines *covered Pilbara network* as a covered *network* that is located wholly or partly in the *Pilbara region*.}
covered service	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *covered service* as a *service* provided by means of a *light regulation network*, but does not include an excluded service.}
customer	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *customer* as a— (a) *user*; or (b) end-use *customer* in the end-use *customer*'s capacity as indirect *customer* for *covered services*.}

Defined term	Meaning
distribution system	has the meaning given to it in the *Code.* {As at 25 June 2021, the *Code* defines *distribution system* as any apparatus, equipment, plant or buildings used, or to be used, for, or in connection with the transportation of electricity at nominal voltages of less than 66 kV.}
energy data	has the same meaning given to it in the *Metering Code*. {As at 25 June 2021, the *Metering Code* defines *energy data* as *interval energy data* or accumulated *energy data*.}
entry point	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *entry point* as a point on a *light regulation network* which is, or is to be, identified as such (explicitly or by inference) in a contract for *services* at which, subject to the contract for *services*, electricity is more likely to be transferred into the *light regulation network* than transferred out of the *light regulation network*.}
entry service	a *covered service* provided at a *connection point* on a *light regulation network* that is an *entry point.*
exit point	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *exit point* as a point on a *light regulation network* which is, or is to be, identified as such (explicitly or by inference) in a contract for *services* at which, subject to the contract for *services*, electricity is more likely to be transferred out of the *light regulation network* than transferred into the *light regulation network*.}
exit service	a *covered service* provided at a *connection point* on a *light regulation network* that is an *exit point*.
facilities and equipment	in relation to a *connection point*, means the apparatus, equipment, plant and buildings used for or in connection with generating, consuming and transporting electricity at the *connection point*.
generating works	has the same meaning given to it in section 3 of the *Act.* {As at 25 June 2021, the *Act* defines *generating works* as any wires, apparatus, equipment, plant or buildings used, or to be used, for, or in connection with, or to control, the generation of electricity.}
generator	has the same meaning given to it in the *Metering Code.* {As at 25 June 2021, the *Metering Code* defines *generator* as a person who holds (or but for an exemption order under section 8 of the *Act* would be required by section 7 of the *Act* to hold) a generation licence or integrated regional licence under Part 2 of the *Act* for either or both of the construction and operation of *generating works*, and if any enactment has the effect of deeming such a licence to be held by a part of the person, that part.}

Defined term	Meaning
good electricity industry practice	has the same meaning given to it in the *Code.* {As at 25 June 2021, the *Code* defines *good electricity industry practice* as the exercise of that degree of skill, diligence, prudence and foresight that a skilled and experienced person would reasonably exercise under comparable conditions and circumstances consistent with applicable written laws and statutory instruments and applicable recognised codes, standards (including relevant Australian Standards) and guidelines.}
harmonised technical rules	has the same meaning given to it in the *Code.* {As at 25 June 2021, the *Code* defines *harmonised technical rules* as defined in the Pilbara network rules.}
Horizon Power technical rules	set of rules established and updated from time to time by Horizon Power that are compliant with the *harmonised technical rules* and details the technical requirements to be met by Horizon Power on the *transmission* and *distribution systems* and by *users* who connect facilities to the *transmission* and *distribution systems.*
Horizon Power Pilbara Network Business	a ringfenced business unit within Horizon Power responsible for the Horizon Power coastal network, including those functions carried out by Horizon Power for the purposes of providing *network services* in the Horizon Power coastal *network*. Note: *Horizon Power Pilbara Network Business* is not a separate legal entity and all contractual commitments will be executed in the name of Horizon Power. Where the term *Horizon Power Pilbara Network Business* is used, it means Horizon Power, acting in its capacity as the owner and operator of the *covered Pilbara network*, as distinct from Horizon Power acting in its capacity as a provider of *services* to other regions or as a provider of non-regulated *services* such as generation and retail within the NWIS.
interconnection point	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *interconnection point* as a point on a *network* at which an interconnector *connects* to the *network*}.
interconnection service	a *covered service* provided at a *connection point* on a *light regulation network* that is an *interconnection point*. ~~{As at 25 June 2021, the *Code* defines *interconnection point* as a point on a *network* at which an interconnector connects to the *network*.}~~
interval energy data	has the same meaning given to it in the *Metering Code.* {As at ~~25~~19 ~~June~~ September 2023~~1~~, the *Metering Code* defines *interval energy data* as ~~a measurement (including an estimated or substituted measurement) of electricity production or consumption at a *metering point* which is accumulated for each trading interval or, if applicable under clause 3.16(3), each submultiple of a trading interval~~30-minute interval energy data, or for a 5MS meter on and from five-minute settlement commencement, five-minute interval energy data.}

Defined term	Meaning
interval meter	has the same meaning given to it in the *Metering Code.* {As at ~~25~~ 19 ~~June~~ September 2023~~1~~, the *Metering Code* defines *interval meter* as a ~~meter that measures interval energy data and records it in a data logger, and excludes a meter with interval energy data storage capability which is deemed to be an accumulation meter under clause 3.2(2~~30-minute interval *meter* or five-minute interval *meter*~~).~~}
light regulation network	has the same meaning given to it in the *Code.* {As at 25 June 2021, the *Code* defines *light regulation network* as a *covered Pilbara network* which is regulated by Part 8A of the *Act*.}
meter	has the same meaning given to it in the *Metering Code*. {As at 25 June 2021, the *Metering Code* defines *meter* as a device which measures and records electricity production or consumption.}
Metering Code	the Electricity Industry (Metering) Code 2012 (WA).
metering point	has the same meaning given to it in the *Metering Code*. {As at 19 September 2023, the *Metering Code* defines *metering point* as: ~~(a)~~ for a *connection point* ~~without~~ other than an unmetered *connection point* — a ~~*meter, the connection point; and*~~ (a) ~~*for a connection point with a meter, the*~~ point at which ~~that~~ a revenue *meter* measures electricity production or consumption for the *connection point*~~.~~; (b) for an unmetered *connection point* — the *connection point*.}
metering service	has the same meaning given to it in the *Metering Code*. {As at 25 June 2021, the *Metering Code* defines *metering service* as a service in connection with the measurement of electricity production or consumption, including in connection with: (a) the provision, installation, operation and maintenance of metering equipment; and (b) the obtaining, provision, storage and processing of data; and (c) services ancillary to the services listed in paragraphs (a) and (b) of this definition.}
model service level agreement (MSLA)	the current *model service level agreement* made in accordance with the *Metering Code*.
network	has the same meaning given to '*network* infrastructure facilities' in the *Act*. {As at 25 June 2021, the *Act* defines '*network* infrastructure facilities' as— (a) electricity infrastructure used, or to be used, for the purpose of transporting electricity from generators of electricity to other electricity infrastructure or to end *user*s of electricity; and (b) includes stand-alone power systems, or storage works, used, or to be used, as an adjunct to electricity infrastructure.}

Defined term	Meaning
network service provider (NSP)	has the same meaning given to *'Pilbara network service provider'* in the *Act*. {As at 25 June 2021, the *Act* defines '*Pilbara network service provider'* as a person who— (a) owns, controls or operates a Pilbara *network* or any part of a Pilbara *network*; or (b) proposes to own, control or operate a Pilbara *network* or any part of a Pilbara *network*.}
non-capital costs	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *non-capital costs* in relation to *covered services* provided by an *NSP* by means of a *light regulation network* for a period of time, as all costs incurred in providing the *covered services* for the period of time which are not new facilities investment or *capital-related costs*, including those operating, maintenance and administrative costs which are not new facilities investment or *capital-related costs*.}
non-residential premises	premises that are not residential premises. Residential premises are: (a) premises where the electricity supply is solely for residential purposes; (b) 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 (c) premises used for both residential and other purposes where the circuit wiring is not separate provided that Horizon Power determines, as a *reasonable and prudent person*, that the consumption at the premises is, or will be, less than 100 MWh per annum.
permissible supplementary service (metering)	a *metering service* that is available for a *user* to select as a component of the *reference service* from the options set out in clause 9.2.
price list	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *price list* as the schedule of *tariffs* for a *light regulation network*.}
reasonable and prudent person	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *reasonable and prudent person* as a person acting in good faith and in accordance with *good electricity industry practice*.}
reference service	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *reference service* as a *covered service* designated by a *services and pricing policy* to be a reference service, and which is provided on the corresponding *reference terms and conditions*.}
reference tariff	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *reference tariff* as the *tariff* specified in a *price list* for a *reference service*.}

Defined term	Meaning
reference terms and conditions	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *reference terms and conditions* as the terms and conditions specified in the *services and pricing policy* on which a *reference service* will be provided at a *reference tariff*.}
services	has the same meaning given to it in the *Act*, and service has a corresponding meaning. {As at 25 June 2021, the *Act* defines *services* as— (a) the transport of electricity, and other *services*, provided by means of *network* infrastructure facilities; and (b) services ancillary to those services.}
services and pricing policy	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *services and pricing policy* as the policy of an *NSP* which contains the details referred to in section 40.}
small use customer	has the meaning given to '*customer*' ~~in the~~ within the meaning of section 78 of the *Act* (for the purposes of Part 6 of the *Act*). {As at 25 June 2021, section 78 of the *Act* defines '*customer*' as a *customer* who consumes not more than 160 MWh of electricity per annum.}
standard metering service	the default *metering service* relevant to a *reference service* as described in clause 9.2.
standing data	has the same meaning given to it in the *Metering Code*. {As at 25 June 2021, the *Metering Code* defines *standing data* as the meaning given to it in clause 4.3(1).}
sub-transmission system	has the same meaning given to it in the *Code*. {As at 25 June 2021, the *Code* defines *sub-transmission system* as any apparatus, equipment, plant or buildings used, or to be used, for, or in connection with, the transportation of electricity at nominal voltages of 22 kV or higher but less than 66 kV dedicated to a single *connection point* above 15 MVA.}
supplementary service (metering)	the *metering service* selected from the *permissible supplementary service (metering)* options by the *user* as a component of the *reference service.*
tariff	has the same meaning given to it in the *Code.* {As at 25 June 2021, the *Code* defines *tariff* for a *covered service*, as the criteria that determine the charge that is payable by a *user* to the *NSP*.}
transmission system	has the same meaning given to it in the *Act.* {As at 25 June 2021, the *Act* defines *transmission system* as any apparatus, equipment, plant or buildings used, or to be used, for, or in connection with, the transportation of electricity at nominal voltages of 66 kV or higher.}

Defined term	Meaning
user	has the same meaning given to it in the *Code.* {As at 25 June 2021, the *Code* defines *user* as a person, who is a party to a contract for *services* with an *NSP*, and in connection with a deemed associate arrangement, includes the *NSP's* other business.}
WA Electrical Requirements	has the meaning given to it in the Electricity (Licensing) Regulations 1991 (WA). {As at 25 June 2021, the Electricity (Licensing) Regulations 1991 (WA) defines *WA Electrical Requirements* as the requirements known by that name as issued by the Director.}

2. INTERPRETATION

In this document a reference to a written law or statutory instrument 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.

A reference to the *price list* includes an amendment or replacement of it that is for the time being applicable.

3. PURPOSE OF THIS DOCUMENT

This document is an appendix to the *services and pricing policy* that describes the *reference service*s that are available to *user*s and *customer*s that have, or are entering into, an *access contract* with *Horizon Power Pilbara Network Business* for access to the *covered Pilbara network*.

4. BACKGROUND

Section 40(1) of the *Code* requires the *NSP* of a *light regulation network* to have a *services and pricing policy* that sets out, among other things:

- each *reference service* to be offered on the *light regulation network*
- *reference terms and conditions* for each such service in accordance with section 40(2).

Section 40(2) of the *Code* states that the *reference terms and conditions* must comply with section 61 of the *Code* and include at least:

- service characteristics and quality
- the *user*'s operational and technical performance obligations
- duration
- curtailment regime
- risk and liability regime
- payment terms
- prudential requirements.

Section 61 of the *Code* states that the *NSP* of a *light regulation network* must ensure that at all times its *services and pricing policy*:

(a) specifies at least one *reference service* (including *reference terms and conditions*)
(b) specifies a *reference service* (including *reference terms and conditions*) for each *covered service* that is likely to be sought by (or the benefit of which is likely to be sought by) either or both of:
    i. a significant number of *customer*s and *applicant*s; or
    ii. a substantial proportion of the market for *services* in the *light regulation network*;

and

(c) to the extent reasonably practicable, specifies *reference service*s in such a manner that a *user* or *applicant* is able to acquire by way of one or more *reference service*s only those elements of a *covered service* that the *user* or *applicant* wishes to acquire.

4.1 Metering services

In accordance with clause 4.1.1 of Horizon Power's Electricity Integrated Regional Licence, *metering services* will be provided in accordance with the *Metering Code* and the *MSLA*.

The *exit services* A1 to A7, *entry services* B1 to B3, *bidirectional services* C1 to C5 and *interconnection service* D1 each include a *supplementary service (metering).*

Supplementary services (metering) are described in clause 10.1.

Details of the *supplementary services (metering)* that are available to be selected by the *user* are set out in clause 10.2.

There is an applicable *supplementary service (metering) tariff* payable by *user*s as a component of the applicable *reference tariff* for each *reference service*.

The *supplementary service (metering) tariff* recovers the cost of the *standard metering service* for the relevant *reference service*.

The *reference tariff*s are published in the applicable *price list*. A charge is payable by *user*s to Horizon Power for *services* received under *access contract*s based on applying these *reference tariff*s.

*User*s who select an additional *supplementary service (metering)* for the relevant *reference service* may be required to pay an additional charge for the capital and non-capital costs that are incremental to the related *standard metering service*.

There is no charge to *user*s in addition to the *supplementary service (metering) tariff* for the following *metering service*s for so long as that is consistent with the *MSLA*:

(a) upgrade of the meter to align with the requirements of the *Metering Code* as a result of throughput at the *connection point* changing;
(b) *customer meter* reading;
(c) historical *interval energy data* from *interval meters* for a period of up to 12 months in accordance with the requirements of clause A4.2 of the Electricity Industry (Customer Transfer) Code 2016; and
(d) the provision of *standing data* in accordance with the *Metering Code*.

The non-price terms and conditions under which *supplementary services (metering)* are provided are set out in the *MSLA*.

4.2 Eligibility criteria

For each *reference service*, eligibility criteria are stated. These are the conditions which must be satisfied in order to receive and continue to receive the *reference service*. They are not, and should not be read as, conditions a *user* is entitled to from Horizon Power.

5. REFERENCE SERVICES (EXIT SERVICES)

Horizon Power offers seven *exit service*s as *reference service*s.

Reference service name:	**Reference service A1 – Metered demand (low voltage) exit service**
~~**Reference service name:**~~	~~*Reference service* A1 – Metered demand (low voltage) *exit service*~~
Reference service description:	An exit service combined with a *connection service* and a *supplementary service (metering)* at an *exit point* on the low voltage (up to 1.0 kV) *distribution system*.
Eligibility criteria:	*Users* are eligible to use this *service* if: 1. The *exit point* is on the low voltage (up to 1.0 kV) *distribution system;* and 2. The *meter* is configured to measure the transfer of electricity out of the Horizon Power *network*; and 3. From 7 January 2022, the *user's* energy consumption is: a. less than 1,200 MWh per annum based on historic metering data; or b. Horizon Power determines, as a *reasonable and prudent person*, that the *user's* forecast energy consumption will be less than 1,200 MWh per annum; and 4. The *consumer's facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 5. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this *service*; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this *service*.
Applicable reference tariff:	DT1
Applicable standard access contract:	Network Access Contract
Applicable service standards:	*Electricity Industry (Network and Reliability of Supply) Code 2005 (WA)*, sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract

Reference service name:	Reference service A1 – Metered demand (low voltage) exit service
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service A2 – Contract Maximum Demand (low voltage) exit service
Reference service description:	An *exit service* combined with a *connection service* and a *supplementary service (metering)* at an *exit point* on the low voltage (up to 1.0 kV) *distribution system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *exit point* is on the low voltage (up to 1.0 kV) *distribution system*; and 2. The contracted maximum demand at the *exit point* is: a. less than 1,500 kVA based on historic metering data; or b. Horizon Power determines, as a *reasonable and prudent person*, that the *user*'s forecast maximum demand will be less than 1,500 kVA; and 3. The *meter* is configured to measure the transfer of electricity out of the Horizon Power *network*; and 4. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules and* the *WA Electrical Requirements*; and 5. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT2
Applicable standard access contract:	Network Access Contract
Applicable service standards:	*Electricity Industry (Network and Reliability of Supply) Code 2005 (WA)*, sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service A3 – Metered demand (high voltage) exit service
Reference service description:	An *exit service* combined with a *connection service* and a *supplementary service (metering)* at an *exit point* on the high voltage (1.0 kV or higher) *distribution system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *exit point* is on the high voltage (1.0 kV or higher) *distribution system*; and 2. The *meter* is configured to measure the transfer of electricity out of the Horizon Power *network*; and 3. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 4. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT3
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service A4 – Contract Maximum Demand (high voltage) exit service
Reference service description:	An *exit service* combined with a *connection service* and a *supplementary service (metering)* at an *exit point* on the high voltage (1.0 kV or higher) *distribution system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *exit point* is on the high voltage (1.0 kV or higher) *distribution system*; and 2. The contracted maximum demand at the *exit point* is greater than 1 MVA and less than 15 MVA; and 3. The *meter* is configured to measure the transfer of electricity out of the Horizon Power *network*; and 4. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 5. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT4
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service A5 – Sub-transmission exit service
Reference service description:	An *exit service* combined with a *connection service* and a *supplementary service (metering)* at an *exit point* on the *sub-transmission system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *exit point* is on the *sub-transmission system*; and 2. The contracted maximum demand at the *exit point* is greater than 15 MVA; and 3. The *meter* is configured to measure the transfer of electricity out of the Horizon Power *network*; and 4. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 5. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	TT1
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service A6 – Transmission exit service
Reference service description:	An *exit service* combined with a *connection service* and a *supplementary service (metering)* at an *exit point* on the *transmission system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *exit point* is on the *transmission system*; and 2. The *meter* is configured to measure the transfer of electricity out of the Horizon Power *network*; and 3. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 4. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	TT2
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference Service A7 – Streetlighting exit service
Reference service description:	An *exit service* combined with a *connection service* and a *supplementary service (metering)* at an *exit point* on the low voltage (up to 1.0 kV) *distribution system* for the purpose of streetlighting, plus the service for providing ~~of the provision~~ and ~~maintenance~~ maintaining ~~of~~ the streetlighting assets. These streetlighting assets are designed for the environment they will operate in with input from the *user*'s *customer* of this service. The streetlighting design occurs in accordance with the applicable streetlighting design standards (including AS/NZS 1158 and AS/NZS 60598) and regulatory requirements at the time of installation. Horizon Power will maintain the streetlighting assets to ensure that the streetlighting *exit service* continues to be provided to original design levels. Horizon Power will: • Inspect the streetlighting poles for structural and electrical integrity consistent with *good electricity industry practice* and relevant standards. • Replace and reinforce the streetlighting poles consistent with *good electricity industry practice* and relevant standards. • Repair the streetlighting assets including where damage occurs by third parties. • Provide emergency response to incidents involving the streetlighting assets. • Replace or repair the streetlighting lamps, luminaires, control equipment and supply wiring upon failure, damage ~~or at the end of their serviceable life~~. • Replace or repair the underground streetlighting supply cables and overhead conductors upon failure, damage or at the end of their serviceable life. • Replace or repair the lamps and luminaires where upon investigation the lumen output no longer meets minimum original design levels. • Provide a call centre and online facility to receive streetlighting fault information from the public and the *user*'s *customer* of the *exit service* (typically the relevant local government authority). • Maintain an inventory of the streetlighting assets to which the *exit service* applies including the date of installation of each asset, the type of asset, rated power and the location of the asset. • Respond to questions from the *user*'s *customer* of the *exit service* (typically the relevant local government authority) about in-service inventory within 20 working days.

Reference service name:	Reference Service A7 – Streetlighting exit service
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *exit point* is on the low voltage (up to 1.0 kV) *distribution system*; and 2. The streetlight is owned, operated and maintained by Horizon Power; and 3. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT5
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19 Electricity Distribution Licence Performance Reporting Handbook, ~~page 15~~section 3.5
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

6. REFERENCE SERVICES (ENTRY SERVICES)

Horizon Power offers three *entry service*s as *reference service*s.

Reference service name:	Reference service B1 – Distribution (high voltage) entry service
Reference service description:	An *entry service* combined with a *connection service* and a *supplementary service (metering)* at an *entry point* on the high voltage (1.0 kV or higher) *distribution system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *entry point* is on the high voltage (1.0 kV or higher) *distribution system*; and 2. The *meter* is configured to measure the transfer of electricity into the Horizon Power *network*; and ~~2.~~3. Electricity does not transfer out of the Horizon Power *network* at the *entry point* more than 20% of the time; and ~~3.~~4. Operation of ~~T~~the *generator*'s *facilities and equipment* complies~~y~~ with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and ~~4.~~5. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT7
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference Service B2 – Entry service facilitating a distributed generation or other non-network solution
Reference service description:	An *entry service* combined with a *connection service* and a *supplementary service (metering)* on the low voltage (up to 1.0 kV) *distribution system* ~~in circumstances where this service~~which provides for *facilities and equipment* ~~connected behind a *connection point* (including~~comprising distributed *generating works* and other non-*network* solutions~~)~~ *connected* at a *connection point* that results in Horizon Power's *capital-related costs* or *non-capital costs* reducing ~~as a result of the *entry point* for the distributed *generating works* or other non-*network* solution being located in that particular part of the *covered Pilbara network*~~. ~~(Note: a 'thin connection' that involves the export of electricity onto the Horizon Power *network* or the provision of another *network* support service may be eligible for this service.)~~
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *entry point* is on the low voltage (up to 1.0 kV) *distribution system*; and 2. The *meter* is configured to measure the transfer of electricity into the Horizon Power *network*; and 3. Electricity does not transfer out of the Horizon Power *network* at the *entry point* more than 20% of the time; and ~~3.~~4. Operation of t~~T~~he *generator*'s *facilities and equipment* compl~~y~~ies with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and ~~4.~~5. The *user* has submitted an electricity transfer application for this service and that application is approved; and ~~5.~~6. Each of the following does not apply under an agreement with Horizon Power: ~~6.~~7. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or ~~7.~~8. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT8
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract

Reference service name:	Reference Service B2 – Entry service facilitating a distributed generation or other non-network solution
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service B3 – Transmission entry service
Reference service description:	An *entry service* combined with a *connection service* and a *supplementary service (metering)* at an *entry point* on the *transmission system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *entry point* is on the *transmission system*; and 2. The *meter* is configured to measure the transfer of electricity into the Horizon Power *network*; and 3. Electricity does not transfer out of the Horizon Power *network* at the *entry point* more than 20% of the time; and ~~3.~~4. Operation of ~~T~~the *generator*'s *facilities and equipment* comply~~y~~ies with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and ~~4.~~5. Each of the following does not apply under an agreement with Horizon Power: ~~5.~~6. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or ~~6.~~7. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	TT3
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

7. REFERENCE SERVICES (BIDIRECTIONAL SERVICES)

Horizon Power offers five *bidirectional service*s as *reference service*s.

Reference service name:	Reference service C1 – Metered demand (low voltage) bidirectional service
Reference service description:	A *bidirectional service* combined with a *connection service* and a *supplementary service (metering)* at a *bidirectional point* on the low voltage (up to 1.0 kV) *distribution system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *bidirectional point* is on the low voltage (up to 1.0 kV) *distribution system*; and 2. The *meter* is configured to measure the transfer of electricity into and out of the Horizon Power *network*; and 3. The *user*'s energy consumption is: a. less than 1,200 MWh per annum based on historic metering data; or b. Horizon Power determines, as a *reasonable and prudent person*, that the *user*'s forecast energy consumption will be less than 1,200 MWh per annum; and 4. The *consumer*'s inverter system complies with the requirements of AS/NZS 4777 and the *Horizon Power technical rules*; and 5. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 6. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT1
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service C2 – Contract Maximum Demand (low voltage) bidirectional service
Reference service description:	A *bidirectional service* combined with a *connection service* and a *supplementary service (metering)* at a *bidirectional point* on the low voltage (up to 1.0 kV) *distribution system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *bidirectional point* is on the low voltage (up to 1.0 kV) *distribution system*; and 2. The *bidirectional point* is located at *non-residential premises* with an inverter system rated up to a total of 1 MVA for single or three-phase connections; and 3. The contracted maximum demand at the *bidirectional point* is: a. less than 1,500 kVA based on historic metering data; or b. Horizon Power determines, as a *reasonable and prudent person*, that the *user*'s forecast maximum demand will be less than 1,500 kVA; and 4. The *meter* is configured to measure the transfer of electricity into and out of the Horizon Power *network*; and 5. The *consumer*'s inverter system complies with the requirements of AS/NZS 4777 and the *Horizon Power technical rules*, and satisfies a technical assessment by Horizon Power for installations larger than 30 kVA; and 6. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 7. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT2
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service C3 – Metered demand (high voltage) bidirectional service
Reference service description:	A *bidirectional service* combined with a *connection service* and a *supplementary service (metering)* at a *bidirectional point* on the high voltage (1.0 kV or higher) *distribution system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *bidirectional point* is on the high voltage (1.0 kV or higher) *distribution system*; and 2. The *bidirectional point* is located at *non-residential premises* with an inverter system rated up to a total of 1 MVA for single or three-phase connections; and 3. The *meter* is configured to measure the transfer of electricity into and out of the Horizon Power *network*; and 4. The *consumer*'s inverter system complies with the requirements of AS/NZS 4777 and the *Horizon Power technical rules*, and satisfies a technical assessment by Horizon Power for installations larger than 30 kVA; and 5. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 6. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT3
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service C4 – Contract Maximum Demand (high voltage) bidirectional service
Reference service description:	A *bidirectional service* combined with a *connection service* and a *supplementary service (metering)* at a *bidirectional point* on the high voltage (1.0 kV or higher) *distribution system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *bidirectional point* is on the high voltage (1.0 kV or higher) *distribution system*; and 2. The *bidirectional point* is located at *non-residential premises* with an inverter system rated up to a total of 1 MVA for single or three-phase connections; and 3. The contracted maximum demand is greater than 1 MVA; and 4. The *meter* is configured to measure the transfer of electricity into and out of the Horizon Power *network*; and 5. The *consumer*'s inverter system complies with the requirements of AS/NZS 4777 and the *Horizon Power technical rules*, and satisfies a technical assessment by Horizon Power for installations larger than 30 kVA; and 6. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 7. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT4
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

Reference service name:	Reference service C5 – Bidirectional service facilitating a distributed generation or other non-network solution
Reference service description:	A *bidirectional service* combined with a *connection service* and a *supplementary service (metering)* at a *bidirectional point* on the low voltage (up to 1.0 kV) *distribution system* ~~in circumstances where this service~~which provides for *facilities and equipment* ~~connected behind a *connection point* (including~~ comprising distributed *generating works* and other non-*network* solutions~~)~~ *connected* at a *connection point* that results in Horizon Power's *capital-related costs* or *non-capital costs* reducing ~~as a result of the *entry point* for the distributed *generating works* or other non-*network* solution being located in that particular part of the *covered Pilbara network*~~. ~~{Note: a 'thin connection' that involves the export of electricity onto the Horizon Power *network* or the provision of another *network* support service may be eligible for this service.}~~
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *bidirectional point* is on the low voltage (up to 1.0 kV) *distribution system*; and 2. The *meter* is configured to measure the transfer of electricity into and out of the Horizon Power *network*; and 3. The *consumer*'s inverter system complies with the requirements of AS/NZS 4777 and the *Horizon Power technical rules*; and 4. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*; and 5. The *user* has submitted an electricity transfer application for this service and that application is approved; and 6. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	DT6
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract

Reference service name:	Reference service C5 – Bidirectional service facilitating a distributed generation or other non-network solution
Prudential requirements:	As per section 12 of the Network Access Contract

8. REFERENCE SERVICES (INTERCONNECTION SERVICES)

Horizon Power offers one *interconnection service* as a *reference service*.

Reference service name:	Reference Service D1 – Transmission interconnection service
Reference service description:	An *interconnection service* combined with a *connection service* and a *supplementary service (metering)* at an *interconnection point* on the *transmission system*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *interconnection point* is on the *transmission system*; and 2. The *meter* is configured to measure the transfer of electricity into and out of the Horizon Power *network*; and 3. The third party's transmission *network* complies with the *Horizon Power technical rules*; and 4. Each of the following does not apply under an agreement with Horizon Power: a. The *tariff* that determines the charge is different to the applicable *reference tariff* for this service; or b. The *user* is to receive delivered electricity at a service standard different to the applicable service standards for this service.
Applicable reference tariff:	TT2
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Electricity Industry (Network and Reliability of Supply) Code 2005 (WA), sections 13, 18 and 19
Duration:	The earlier of the Termination Date as set out in the Network Access Contract, or the date on which the *access contract* is terminated in accordance with section 28 of the Network Access Contract
Curtailment regime:	As per section 25 of the Network Access Contract
Risk and liability regime:	As per section 22 of the Network Access Contract
Payment terms:	As per the Due Date in the Network Access Contract
Prudential requirements:	As per section 12 of the Network Access Contract

9. REFERENCE SERVICES (AUXILIARY)

Horizon Power offers seven *services* at a *connection point* as a *reference service* (auxiliary).

Reference service name:	Reference service E1 – Disconnection of supply ahead of abolishment service
Reference service description:	A service auxiliary to an *exit service*, *entry service* or *bidirectional service* to disconnect electricity supply, remove the *meter* and abolish the *connection point*.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *user* has submitted an Application and Agreement for *Network Services* form to disconnect supply to an existing *connection point* ahead of abolishment in accordance with the provisions of its *access contract*; and 2. The *user* has an *exit service*, *entry service* or *bidirectional service* at the *connection point*; and 3. The *user* has an *access contract* and this service is required at a *connection point* specified in that *access contract*; and 4. The *consumer*'s *facilities and equipment* can be safely disconnected in accordance with *good electricity industry practice*.
Applicable reference tariff:	AT1
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Code of Conduct for the Supply of Electricity to Small Use Customers 2022~~18~~ (WA), Part 7
Duration:	As per the *access contract* for the *reference service* at the *exit point*, *entry point* or *bidirectional point* immediately prior to the disconnection of supply
Curtailment regime:	
Risk and liability regime:	
Payment terms:	
Prudential requirements:	

Reference service name:	Reference service E2 – Disconnection of supply service
Reference service description:	A service auxiliary to: • *exit service*s A1 and A2; and • *bidirectional service*s C1 and C2, to temporarily disconnect electricity supply.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *user* has submitted an Application and Agreement for *Network Services* form to temporarily disconnect supply to an existing *connection point* in accordance with the provisions of its *access contract*; and 2. The *user* has an *exit service* A1 or A2 or *bidirectional service* C1 or C2 at the *connection point*; and 3. The *user* has an *access contract* and this service is required at a *connection point* specified in that *access contract*; and 4. The *consumer*'s *facilities and equipment* can be safely disconnected in accordance with *good electricity industry practice*; or 5. The *connection point* has been reconnected on an unauthorised basis.
Applicable reference tariff:	AT2
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Code of Conduct for the Supply of Electricity to Small Use Customers 20~~18~~22 (WA), Part 7
Duration:	As per the *access contract* for the *reference service* at the *exit point* or *bidirectional point* immediately prior to the temporary disconnection of supply
Curtailment regime:	
Risk and liability regime:	
Payment terms:	
Prudential requirements:	

Reference service name:	Reference service E3 – Reconnection of supply service
Reference service description:	A service auxiliary to: • *exit services* A1 and A2; and • *bidirectional services* C1 and C2, to reconnect a previously disconnected electricity supply.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *connection point* has been temporarily disconnected from the electricity supply following the completion of a Disconnection of Supply Service (E2); and 2. The *user* has submitted an Application and Agreement for *Network Services* form to reconnect supply to an existing *connection point* in accordance with the provisions of its *access contract*; and 3. The *user* has an *exit service* A1 or A2 or *bidirectional service* C1 or C2 at the *connection point*; and 4. The *user* has an *access contract* and this service is required at a *connection point* specified in that *access contract*; and 5. The *consumer*'s *facilities and equipment* can be safely reconnected in accordance with *good electricity industry practice*; and 6. If supply has been disconnected for more than six months, the *user* has obtained, from a licensed electrical contractor, an Electrical Safety Certificate to confirm that the *consumer*'s *facilities and equipment* are safe for reconnection.
Applicable reference tariff:	AT3
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Code of Conduct for the Supply of Electricity to Small Use Customers 2022~~18~~ (WA), Part 8
Duration:	As per the *access contract* for the *reference service* at the *exit point* or *bidirectional point* immediately following the reconnection of supply
Curtailment regime:	
Risk and liability regime:	
Payment terms:	
Prudential requirements:	

Reference service name:	Reference service E4 – Remote disconnection service
Reference service description:	A service auxiliary to: • *exit service*s A1 and A2; and • *bidirectional service*s C1 and C2, to de-energise a *meter* by removing supply voltage from all outgoing circuits on a non-permanent basis by a command sent to a *meter* from a remote locality. The service does not include any site visit by Horizon Power.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *user* is receiving an *exit service* or *bidirectional service* at the *connection point*; and 2. The *user* has an *access contract* and this service is required at a *connection point* specified in that *access contract*; and 3. The *user* has submitted an electricity transfer application for this service and that application is approved; and 4. Communication equipment to transmit commands to, and messages from, the *meter* and Horizon Power has been installed; and 5. There is a supply voltage present at the *meter*; and 6. A whole current *meter* (being a *meter* that does not have a transformer) is installed at the *metering point*; and 7. The *meter* is configured to receive and provide commands for this service from a remote locality.
Applicable reference tariff:	AT4
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Code of Conduct for the Supply of Electricity to Small Use Customers 2022~~18~~ (WA), Part 7
Duration:	As per the *access contract* for the *reference service* at the *exit point* or *bidirectional point* immediately prior to the disconnection of the service
Curtailment regime:	
Risk and liability regime:	
Payment terms:	
Prudential requirements:	

Reference service name:	Reference service E5 – Remote ~~disre~~connection service
Reference service description:	A service auxiliary to: • *exit service*s A1 and A2; and • *bidirectional service*s C1 and C2, to re-arm a previously de-energised *meter* by a command sent to a *meter* from a remote locality. The service does not include any site visit by Horizon Power.
Eligibility criteria:	*User*s are eligible to use this service if: 1. The *meter* is de-energised following the completion of a Remote Disconnection Service (E4); and 2. The *user* is receiving an *exit service* or *bidirectional service* at the *connection point*; and 3. The *user* has an *access contract* and this service is required at a *connection point* specified in that *access contract*; and 4. The *user* has submitted an electricity transfer application for this service and that application is approved; and 5. Communication equipment to transmit commands to, and messages from, the *meter* and Horizon Power has been installed; and 6. There is a supply voltage present at the *meter*; and 7. A whole current *meter* (being a *meter* that does not have a transformer) is installed at the *metering point*; and 8. The *meter* is configured to receive and provide commands for this service from a remote locality; and 9. The *consumer*'s *facilities and equipment* comply with the *Horizon Power technical rules* and the *WA Electrical Requirements*.
Applicable reference tariff:	AT5
Applicable standard access contract:	Network Access Contract
Applicable service standards:	Code of Conduct for the Supply of Electricity to Small Use Customers 2022~~18~~ (WA), Part 8
Duration:	As per the *access contract* for the *reference service* at the *exit point* or *bidirectional point* immediately following the reconnection of the service
Curtailment regime:	
Risk and liability regime:	
Payment terms:	
Prudential requirements:	

10. SUPPLEMENTARY SERVICES (METERING)

10.1 Service descriptions

Horizon Power offers six *services* at a *connection point* as a *supplementary service (metering)*. A description of each *supplementary service (metering)* provided is set out in the following table.

Reference number	Service name	Service description
M1	Unidirectional, interval, monthly, remote	Provision of *interval energy data* from an *interval meter* (unidirectional) derived following the collection of the *interval energy data* via a *communications network* on a monthly basis.
M2	Unidirectional, interval, daily, remote	Provision of *interval energy data* from an *interval meter* (unidirectional) derived following the collection of the *interval energy data* via a *communications network* on a daily basis.
M3	Bidirectional, interval, monthly, remote	Provision *of interval energy data* from an *interval meter* (bidirectional) derived following the collection of the *interval energy data* via a *communications network* on a monthly basis.
M4	Bidirectional, interval, daily, remote	Provision of *interval energy data* from an *interval meter* (bidirectional) derived following the collection of the *interval energy data* via a *communications network* on a daily basis.
M5	Unmetered supply, accumulation, monthly, manual	Provision of the *metering services* set out in the *Metering Code* for a type 7 *connection point*.
M6	Remote one off *meter* read	Provision upon request of *interval energy data* collected from an *interval meter* via a *communications network*.

*Metering service*s M1 to M4 include the following:

(a) upgrade or replacement of the *meter* to align with the requirements of the *Metering Code* and *MSLA* as a result of throughput at the *connection point* changing;
(b) *customer meter* reading;
(c) historical interval data from *interval meter*s for a period of up to 12 months in accordance with the requirements of clause A4.2 of the Electricity Industry (Customer Transfer) Code 2016 (WA); and
(d) the provision of *standing data* in accordance with the *Metering Code*.

10.2 Permissible supplementary services (metering)

The *permissible supplementary services (metering)* that are available for each *reference service* A1 to A7, B1 and B3, C1 to C4 are identified as ticked (✓) columns in the following table.

{Note: The *permissible supplementary services (metering)* for *reference service*s B2 and C5 will be the *permissible supplementary services (metering)* for the underlying *entry service* or *bidirectional service* (as applicable) upon which *reference service*s B2 and C5 are based.}

	M1	M2	M3	M4	M5	M6
Exit services						
A1 – Metered demand (low voltage) exit	✓	✓				✓
A2 – Contract maximum demand (low voltage) exit	✓	✓				✓
A3 – Metered demand (high voltage) exit	✓	✓				✓
A4 – Contract maximum demand (high voltage) exit	✓	✓				✓
A5 – Sub-transmission exit	✓	✓				✓
A6 – Transmission exit	✓	✓				✓
A7 – Streetlighting					✓	
Entry services						
B1 – Distribution (high voltage) entry	✓	✓				✓
B3 – Transmission entry	✓	✓				✓
Bidirectional services						
C1 – Metered demand (low voltage) bidirectional			✓	✓		✓
C2 – Contract maximum demand (low voltage) bidirectional			✓	✓		✓
C3 – Metered demand (high voltage) bidirectional			✓	✓		✓
C4 – Contract maximum demand (high voltage) bidirectional			✓	✓		✓
Interconnection services						
D1 – Third party transmission *network* interconnection			✓	✓		✓

10.3 Eligibility criteria for supplementary services (metering)

The eligibility criteria for each *permissible supplementary service (metering)* is identified as the rows that are ticked (✓) in the following table.

Each eligibility criterion that is ticked (✓) needs to be met in order to be eligible for the *permissible supplementary service (metering)*.

	M1	M2	M3	M4	M5	M6
The *user* receives a compatible *network* access *service* at the *connection point*	✓	✓	✓	✓	✓	✓
The *consumer's facilities and equipment* comply with the *Horizon Power technical rules* and *WA Electrical Requirements*.	✓	✓	✓	✓	✓	✓
An *interval meter* is installed at the *metering point*	✓	✓	✓	✓		✓
The *meter* is configured to measure and record *interval energy data*: • out of the *network* for an *exit service*; or • into the *network* for an *entry service*; or • into and out of the *network* for a *bidirectional service; or* • into and out of the network for an *interconnection service.*	✓	✓	✓	✓		✓
The *meter* is configured with registers to measure and record *interval energy data* for the underlying *network* access *service* (if applicable)	✓	✓	✓	✓		✓
The *meter* is *connected* to a *communications network* supported by Horizon Power	✓	✓	✓	✓		✓
The *meter* is capable of storing *interval energy data*						✓
The *user* receives a *supplementary service (metering)* (M1 to M4) in respect to the *connection point*						✓

10.4 Selection of supplementary service (metering) for exit service, entry service and bidirectional service

Each *exit service* (A1 to A7), *entry service* (B1 to B3), *bidirectional service* (C1 to C5) and *interconnection service* (D1) includes a *supplementary service (metering)* that is selected by the *user* from the *permissible supplementary services (metering)* (M1 to M6).

Upon selection of the *supplementary service (metering)* to be included as a component of the *exit service*, *entry service*, *bidirectional service* or *interconnection service*, the *exit service*, *entry service*, *bidirectional service* or *interconnection service* will be numbered as a combination of the *exit service* (A1 to A7), *entry service* (B1 to B3), *exit service* (C1 to C5) or *interconnection service* (D1) number and the *supplementary service (metering)* (M1 to M6) number.

11. REFERENCES

The following material is required and should be read in conjunction with this document:

LEGAL REFERENCES:	Code of Conduct for the Supply of Electricity to Small Use Customers 2022~~18~~ (WA) Electricity Industry (Metering) Code 2012 (WA) Electricity Industry (Network and Reliability of Supply) Code 2005 (WA) Pilbara Networks Access Code 2021 (WA)
STANDARD & GUIDELINES:	*Horizon Power Technical Rules*
RELATED POLICIES AND OTHER DOCUMENTS:	Electricity Distribution Licence Performance Reporting Handbook