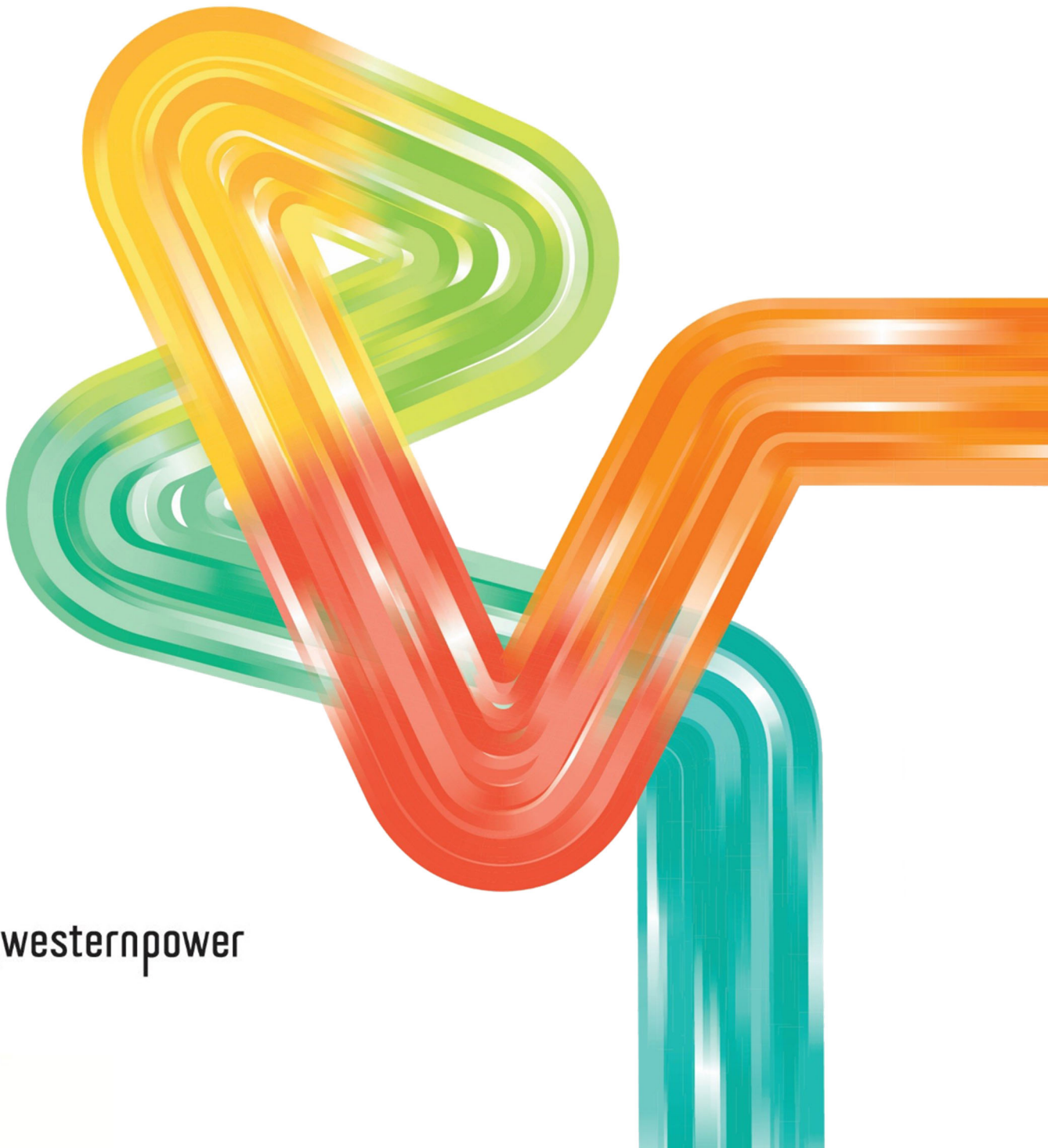


# Electricity Networks Access Code 2004

Service Standard Performance Report for the year  
ended 30 June 2023

31 October 2023



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# 1. Executive Summary

Western Power submits this Service Standard Performance Report (Report) as requested by the Economic Regulation Authority (ERA) under clause 11.3 of the *Electricity Networks Access Code 2004* (Access Code). The Report details Western Power's performance against the Service Standard Benchmarks (SSBs) defined in Western Power's approved fourth access arrangement (AA4). This Report covers the period 1 July 2022 to 30 June 2023 (2022/23 period).

In the AA5 Draft Decision the ERA stated it *considers the proposal to maintain service standard benchmarks for the 2022/23 period at the level set for the AA4 period to be reasonable and consistent with the Code objective.*

The ERA published its final decision on the fifth access arrangement (AA5) on 31 March 2023, with a target revisions commencement date of 1 July 2023. In accordance with the ERA's decision, Western Power will report against the AA4 SSBs for the 2022/23 period (the first year of the AA5 period).

Western Power will not receive any Service Standard Adjustment Mechanism (SSAM) rewards or penalties for the 2022/23 period, however Western Power continued to be subject to required standards of service for its customers through the continued application of AA4 SSBs in the 2022/23 period.

The levels of service required of Western Power for the 2022/23 period are defined by 19 applicable SSBs for AA4, covering distribution and transmission network reliability and security of supply, call centre performance, street lighting performance, LED replacements, supply abolishment and remote de-energisation and re-energisation.

Western Power has included additional disaggregated reliability data in this report and provided estimated System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) performance by feeder and by Local Government Authority (LGA) in Appendix B. It is noted that SAIDI & SAIFI reliability measures are designed for large volumes and are less precise and more volatile at more disaggregated levels. The reliability data is also based on the information and network configurations recorded at the time of reporting. Whilst the information is correct at an aggregate level, network reconfigurations are not captured in real time and the lag may impact reliability data disaggregated by feeder, LGA and Regulatory Category<sup>1</sup>.

## 1.1 Reliability of supply

Reliability of supply reflects the service Western Power provides to its customers and is a measure of the performance of its transmission and distribution networks. Under its transmission and distribution licences, Western Power is required to comply with the Access Code that outlines provisions in relation to SSBs in Chapter 11. In accordance with clause 11.1 of the Access Code, Western Power is required to provide reference services at a service standard at least equivalent to the SSBs outlined in the Access Arrangement. Clause 11.3 requires Western Power to prepare a report annually on SSB performance as requested by the ERA.

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<sup>1</sup> Regulatory Categories include Rural Long, Rural Short, Urban and CBD. It is possible for a network reconfiguration change for asset replacements, augmentations or operational switching to result in a change in classification during the period. For example, from Rural Short to Urban or vice versa.

Western Power's performance against the SSBs applicable to the 2022/23 period is provided in section 6 of this Report. In addition to the 19 SSBs specified in AA4, the ERA requires Western Power to report on three additional performance measures in this Report for each financial year:

- Momentary Average Interruption Frequency Index events (MAIFI<sub>E</sub>) by feeder category as detailed in section 8 of this Report.
- Loss of Supply Event Frequency (LoSEF) – radial as detailed in section 6.3 of this Report.
- LoSEF - meshed as detailed in section 6.3 of this Report.

During the 2022/23 period, Western Power's overall distribution and transmission network performance was above the required levels for all SSBs, except for CBD SAIFI and Rural Short SAIFI which were marginally below the SSB level.

### **Distribution network**

Reliability performance of the distribution network improved in comparison to the 2021/22 period, except for CBD and Rural Short SAIFI. The improvement was due to increased maintenance work and redesigned restoration practices during the fire season. In particular, the Rural Long SAIDI performance was the strongest result for over a decade. Reduction in interruptions attributed to emergency outages due to hazards and wind-borne debris also contributed to the improvement.

The CBD SAIFI result was mainly due to equipment failure in the underground network. Notably, there were three faults on a section of underground cable in June 2023 which materially contributed to the reduction in performance.

The Rural Short SAIFI performance was impacted by an increase in interruptions principally attributed to:

- equipment failure
- vehicle damage
- impact of birds and animals
- wind and wind-borne debris, and
- emergency outages to remove hazards.

### **Regional Reliability Improvement**

The 2023/24 period represents the commencement of the new service standard benchmark (SSB) regime set by the ERA in the AA5 Final Decision. There were several changes made to the SSB's through the AA5 Final Decision, published in March 2023. One of the most significant was to base the Rural Long reliability benchmark performance on the *Network Quality and Reliability of Supply Code 2005* (NQRS), and to make changes to the treatment of investment and penalties, community engagement and required reporting. The ERA has requested Western Power also include information on progress on development of the overall regional reliability strategy in this Report.

The ERA provided a Rural Long capital allowance of \$88 million in forecast AA5 expenditure for the development of a plan and to trial or implement new strategies to improve reliability in pilot areas, after local community engagement. This work is at an early stage, and an appropriate governance and approach are currently being developed.

In line with Western Power's corporate strategy, we have taken a different approach to regional reliability and have undertaken a range of actions in the 2022/23 period to improve regional reliability for Rural customers. These activities are outlined in detail in section 6.2 of the Report and also include the:

- review of Operational restoration processes to make improvements to regional reliability SAIDI whilst retaining appropriate risk management practices
- creation of reliability datasets providing deep insight and analysis into community network performance and felt experience
- development of plans to secure additional emergency response generation capacity, including high voltage capabilities, to deploy in the event of extended outages or periods of increased reliability risk.

The actions taken have resulted in a material improvement for some Rural customers.

### Transmission network

Western Power achieved all transmission SSBs during the 2022/23 period. The performance of the transmission network declined in the 2022/23 period for all SSBs compared to the previous period except for Loss of Supply Event Frequency (LoSEF) >1.0 System Minutes Interrupted (SMI), as no events were reported for the 2022/23 period.

The largest decline was for LoSEF >0.1 and ≤1.0 SMI which experienced 11 events in 2022/23 compared to five in the 2021/22 period. The reasons for the decline in performance, included reactive equipment maintenance, and inclement weather impacting multiple transmission lines.

## 2. Background

In accordance with section 11.1 of the Access Code, Western Power must provide reference services at a service standard at least equivalent to the SSBs set out in the access arrangement. Section 11.2 of the Access Code requires the ERA to annually publish Western Power's actual performance against the SSBs.

The purpose of this Report is to provide information on the actual Service Standard performance against the SSBs contained in Western Power's AA4, applicable for the 2022/23 period.

The Western Power Network is defined by the Access Code as the portion of the Southwest Interconnected Network (SWIN) that is owned by the Electricity Network Corporation (trading as Western Power). For the purposes of this Report, the terms distribution network and transmission network are used in reference to the Electricity Distribution Licence (EDL1) and the Electricity Transmission Licence (ETL2).

The Western Power Network covers a geographic area from Kalbarri to Albany, and from Perth to Kalgoorlie (Figure 2.1) of 255,064 square kilometres. It has a diverse asset base which includes more than 829,000 poles and over 104,000 circuit kilometres of power lines. The distribution network consists of over 800 feeders, connected to the transmission network at 154 terminal and zone substations, providing an electricity supply to over 1,200,000 customers and over 283,000 streetlights.

The network also includes 167 active Standalone Power Systems (SPS) as of 30 June 2023. These units are concentrated in the regional areas of the Mid-West, Goldfields, eastern Wheatbelt and the Great Southern. SPS units will continue to be rolled out in these regional areas where it is shown to be an efficient and suitable option to provide reliable supply.

Western Power also has 13 community batteries in trial across the distribution network to understand their benefits in providing grid stability.

Figure 2.1: Map of the Western Power Network Coverage



### 3. The structure of this Report

This Report is structured in accordance with the ERA's Report Template, as requested by the ERA:

- Section 4 outlines and describes the reference services provided by Western Power relevant to section 11.1 of the Access Code within the AA4 period
- Section 5 outlines and describes the SSBs relevant for the AA4 period
- Section 6 outlines and describes the actual performance against the applicable AA4 SSBs for the 2022/23 period
- Section 7 outlines and describes the recognised exclusions defined for the AA4 SSBs
- Section 8 outlines and describes the recognised events known as Momentary Interruptions, or MAIFI<sub>e</sub>
- Appendix A provides charts for each of the SSBs, with the trend of historical performance over a 15-year period
- Appendix B shows Reliability (SAIDI & SAIFI) by individual feeder and by Local Government Authority
- The figures and tables throughout the Report include data for the following access arrangements:

AA5	AA4	AA3	AA2
2022/23	2021/22	2016/17	2011/12
	2020/21	2015/16	2010/11
	2019/20	2014/15	2009/10
	2018/19	2013/14	2008/09
	2017/18	2012/13	

## 4. Reference services

Under AA4 and in accordance with sections 5.1 and 11.1 of the Access Code, Western Power provides the following reference services:

- Three reference services at entry points for users (entry services)
- 17 reference services at exit points for users (exit services)
- 15 bi-directional reference services at bi-directional points (bi-directional services)
- 10 reference services at connection points (ancillary services)
- 16 standard metering services as reference services.

### 4.1 Reference services for entry points

An entry service is a covered service provided by Western Power at an entry point under which the user<sup>2</sup> may transfer electricity into the network at the entry point.

An entry point is a point on a covered network identified as such in an access contract at which, subject to the access contract, electricity is more likely to be transferred into the network than transferred out of the network. Table 4.1 lists the network entry point reference services.

**Table 4.1: Network entry point reference services**

Reference Service		Reference Service Description
B1	Distribution Entry Service	An entry service combined with a connection service and a reference service (metering) on the distribution system.
B2	Transmission Entry Service	An entry service combined with a connection service and a reference service (metering) at an entry point on the transmission system.
B3	Entry Service Facilitating a Distributed Generation or Other Non-Network Solution	An entry service provided on the same basis as entry service B1 in circumstances where this service provides for facilities and equipment connected behind a connection point (including distributed generating plant and other non-network solutions) that results in Western Power's capital-related costs or non-capital costs reducing as a result of the entry point for the distributed generating plant or other non-network solution being located in that particular part of the covered network.  Note: a 'thin connection' that involves the export of electricity onto the Western Power Network or the provision of another network support service may be eligible for this reference service.

### 4.2 Reference services for exit points

An exit service is a covered service provided by Western Power at an exit point under which the user may transfer electricity out of the network at the exit point.

<sup>2</sup> "user" means a person, including a generator or a consumer, who is party to a contract for services with a service provider, and under section 13.4(e) includes an other business as a party to a deemed access contract.

An exit point is a point on a covered network identified as such in an access contract at which, subject to the access contract, electricity is more likely to be transferred out of the network than transferred into the network. Table 4.2 lists the network exit point reference services.

**Table 4.2: Network exit point reference services**

Reference Service		Reference Service Description
A1	Anytime Energy (Residential) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A2	Anytime Energy (Business) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A3	Time of Use Energy (Residential) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A4	Time of Use Energy (Business) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A5	High Voltage Metered Demand Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the high voltage (6.6 kV or higher) distribution system.
A6	Low Voltage Metered Demand Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A7	High Voltage Contract Maximum Demand Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the high voltage (6.6 kV or higher) distribution system.
A8	Low Voltage Contract Maximum Demand Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A9	Street lighting Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system for the purpose of public streetlighting, plus the service of the provision and maintenance of the streetlighting assets.
A10	Un-Metered Supplies Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A11	Transmission Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the transmission system.
A12	3 Part Time of Use Energy (Residential) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.



Reference Service		Reference Service Description
A13	3 Part Time of Use Energy (Business) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A14	3 Part Time of Use Demand (Residential) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A15	3 Part Time of Use Demand (Business) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A16	Multi Part Time of Use Energy (Residential) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.
A17	Multi Part Time of Use Energy (Business) Exit Service	An exit service combined with a connection service and a reference service (metering) at an exit point on the low voltage (415 volts or less) distribution system.

### 4.3 Reference services for bi-directional points

A bi-directional service is a covered service provided by Western Power at a bi-directional point under which the user may transfer electricity into and out of the network. A bi-directional point is a point on a covered network identified as such in an access contract at which, subject to the access contract, electricity is both transferred into the network and transferred out of the network. Table 4.3 lists the network bi-directional reference services.

**Table 4.3: Network bi-directional reference services**

Reference Service		Reference Service Description
C1	Anytime energy (residential) bi-directional service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C2	Anytime energy (business) bi-directional service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C3	Time of Use Energy (Residential) Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C4	Time of Use Energy (Business) Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C5	High Voltage Metered Demand Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the high voltage (6.6 kV or higher) distribution system.

Reference Service		Reference Service Description
C6	Low Voltage Metered Demand Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C7	High Voltage Contract Maximum Demand Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the high voltage (6.6 kV or higher) distribution system.
C8	Low Voltage Contract Maximum Demand Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C9	3 Part Time of Use Energy (Residential) Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C10	3 Part Time of Use Energy (Business) Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C11	3 Part Time of Use Demand (Residential) Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C12	3 Part Time of Use Demand (Business) Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C13	Multi Part Time of Use Demand (Residential) Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C14	Multi Part Time of Use Demand (Business) Bi-directional Service	A bi-directional service combined with a connection service and a reference service (metering) at a bi-directional point on the low voltage (415 volts or less) distribution system.
C15	Bi-directional Service Facilitating a Distributed Generation or Other Non-Network Solution	<p>A bi-directional service provided on the same basis as bi-directional services C1 to C14 (selected by the user) in circumstances where this service provides for facilities and equipment connected behind a connection point (including distributed generating plant and other non-network solutions) that results in Western Power's capital-related costs or non-capital costs reducing as a result of the entry point for the distributed generating plant or other non-network solution being located in that particular part of the covered network.</p> <p>{Note: a 'thin connection' that involves the export of electricity onto the Western Power Network or the provision of another network support service may be eligible for this reference service.}</p>

## 4.4 Reference services at connection points (ancillary services)

Western Power offers 10 services at a connection point as a reference service (ancillary services). Table 4.4 lists the reference services at connection points (ancillary services).

**Table 4.4: Reference services at connection points (ancillary services)**

Reference Service		Reference Service Description
D1	Supply Abolishment Service	A service ancillary to an exit service, entry service or bi-directional service to permanently disconnect electricity supply, remove the meter and abolish the connection point.
D2	Capacity Allocation Swap (Nominator) (Business) Service	<p>A service ancillary to:</p> <ul style="list-style-type: none"> <li>• exit services A7, A8 and A11;</li> <li>• entry services B1 and B2; and</li> <li>• bi-directional services C7 and C8</li> </ul> <p>under which a user's contracted capacity is decreased at one or more connection points under its access contract and there is a corresponding increase in contracted capacity at one or more connection points under its own access contracts or connection points under another user's access contract for one or more intraday periods for a clearly specified period of time nominated by the user following which the contracted capacity under the user's access contract is reinstated.</p>
D3	Capacity Allocation Swap (Nominee) (Business) Service	<p>A service ancillary to:</p> <ul style="list-style-type: none"> <li>• exit services A7, A8 and A11;</li> <li>• entry services B1 and B2; and</li> <li>• bi-directional services C7 and C8</li> </ul> <p>under which a user's contracted capacity is increased at one or more connection points under its access contract and there is a corresponding decrease in contracted capacity at one or more connection points under its own access contracts or connection points under another user's access contract for one or more intraday period for a clearly specified period of time nominated by the user following which the contracted capacity under the user's access contract is reinstated.</p>
D4	Capacity Allocation Same Connection Point (Nominator) (Business) Service	<p>A service ancillary to:</p> <ul style="list-style-type: none"> <li>• exit services A7, A8 and A11;</li> <li>• entry services B1 and B2; and</li> <li>• bi-directional services C7 and C8</li> </ul> <p>under which a user's contracted capacity at a connection point is decreased under its access contract (expressed as a percentage of that contracted capacity (DSOC or CMD)) for a clearly specified period of time and there is a corresponding increase in contracted capacity to another user at the same connection point under its access contract.</p> <p>The allocated capacity is not further transferable or otherwise delegable.</p> <p>At the end of the specified period the contracted capacity under the user's access contract is reinstated.</p>

Reference Service		Reference Service Description
D5	Capacity Allocation Same Connection Point (Nominee) (Business) Service	<p>A service ancillary to:</p> <ul style="list-style-type: none"> <li>• exit services A7, A8 and A11;</li> <li>• entry services B1 and B2; and</li> <li>• bi-directional services C7 and C8</li> </ul> <p>under which a user's contracted capacity is increased at a connection point under its access contract (expressed as the percentage of contracted capacity (DSOC or CMD) nominated pursuant to reference service D4) for a clearly specified period of time and there is a corresponding decrease in contracted capacity to the nominator user at the same connection point under its access contract.</p> <p>The allocated contracted capacity is not further transferable or otherwise delegable.</p> <p>At the end of the specified period the contracted capacity under the user's access contract is reinstated.</p>
D6	Remote Direct Load Control Service	<p>A service ancillary to:</p> <ul style="list-style-type: none"> <li>• exit services A1 to A8 and A12 to A17; and</li> <li>• bi-directional services C1 to C15</li> </ul> <p>to send a command to an activated device for the control of a load at a connection point from a remote locality. The service does not include any site visits by Western Power.</p>
D7	Remote Load Limitation Service	<p>A service ancillary to:</p> <ul style="list-style-type: none"> <li>• exit services A1 to A8 and A12 to A17; and</li> <li>• bi-directional services C1 to C15</li> </ul> <p>to remotely limit the load at a connection point through a Western Power meter. The service does not include any site visits by Western Power.</p>
D8	Remote De-energise Service (Commenced in March 2022)	<p>A service ancillary to:</p> <ul style="list-style-type: none"> <li>• exit services A1 to A8 and A12 to A17;</li> <li>• entry service B1; and</li> <li>• bi-directional services C1 to C15</li> </ul> <p>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 visits by Western Power.</p>
D9	Remote Re-energise Service (Commenced in March 2022)	<p>A service ancillary to:</p> <ul style="list-style-type: none"> <li>• exit services A1 to A8 and A12 to A17;</li> <li>• entry service B1; and</li> <li>• bi-directional services C1 to C15</li> </ul> <p>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 visits by Western Power.</p>

Reference Service		Reference Service Description
D10	Streetlight LED Replacement Service	A service ancillary to: <ul style="list-style-type: none"> <li>• Reference Service A9 – Streetlighting Exit Service</li> </ul> to replace an existing streetlight luminaire with one of the LED luminaires specified in the price list.

## 4.5 Reference services for Metering services

Western Power offers 16 metering services as reference services. Table 4.5 provides a list of these metering services.

**Table 4.5: Reference services at connection points (ancillary services)**

Reference Service		Reference Service Description
M1	Unidirectional, accumulation, bi-monthly, manual	Provision of accumulated energy data from an accumulation meter (uni-directional) or interval meter derived by way of a manual read on a bi-monthly basis.
M2	Unidirectional, accumulation (TOU), bi-monthly, manual	Provision of accumulated energy data for the time bands of the reference tariff for the underlying exit service from an accumulation meter (uni-directional) or interval meter derived by way of a manual read on a bi-monthly basis.
M3	Unidirectional, interval, bi-monthly, manual	Provision of interval energy data from an interval meter (uni-directional) derived by way of a manual read on a bi-monthly basis.
M4	Unidirectional, interval, monthly, manual	Provision of interval energy data from an interval meter (uni-directional) derived by way of a manual read on a monthly basis.
M5	Unidirectional, interval, bi-monthly, remote	Provision of interval energy data from an interval meter (uni-directional) derived via a communications network on a bi-monthly basis.
M6	Unidirectional, interval, monthly, remote	Provision of interval energy data from an interval meter (uni-directional) derived following the collection of the interval energy data via a communications network on a monthly basis.
M7	Unidirectional, interval, daily, remote	Provision of interval energy data from an interval meter (uni-directional) derived following the collection of the interval energy data via a communications network on a daily basis.
M8	Bidirectional, accumulation, bi-monthly, manual	Provision of accumulated energy data from an accumulation meter (bi-directional) or interval meter (bi-directional) derived by way of a manual read on a bi-monthly basis.
M9	Bidirectional, accumulation (TOU), bi-monthly, manual	Provision of accumulated energy data for the time bands of the reference tariff for the underlying bi-directional service from an accumulation meter (bi-directional) or interval meter (bi-directional) derived by way of a manual read on a bi-monthly basis.
M10	Bidirectional, interval, bi-monthly, manual	Provision of interval energy data from an interval meter (bi-directional) derived by way of a manual read on a bi-monthly basis.
M11	Bidirectional, interval, monthly, manual	Provision of interval energy data from an interval meter (bi-directional) derived by way of a manual read on a monthly basis.

Reference Service		Reference Service Description
M12	Bidirectional interval, bi-monthly, remote	Provision of interval energy data from an interval meter (bi-directional) derived following the collection of the interval energy data via a communications network on a bi-monthly basis.
M13	Bidirectional, interval, monthly, remote	Provision of interval energy data from an interval meter (bi-directional) derived following the collection of the interval energy data via a communications network on a monthly basis.
M14	Bidirectional, interval, daily, remote	Provision of interval energy data from an interval meter (bi-directional) derived following the collection of the interval energy data via a communications network on a daily basis.
M15	Unmetered supply, accumulation, bi-monthly, manual	Provision of the metering services set out in the Metering Code for a type 7 connection point.
M16	One off manual interval read	Provision upon request of interval energy data collected as a manual read from an accumulation meter.

## 5. Current Service Standard Benchmarks

All 19 SSBs specified in AA4 are reported on in this Report.

Similar to the 2021/22 Report, Western Power has included in this Report, performance against the following three measures for the 2022/23 period:

- MAIFI<sub>E</sub> by feeder category
- LoSEF disaggregated by radial
- LoSEF disaggregated by meshed.

### 5.1 Distribution network Service Standards

For the reference services A1 to A10, A12 to A17, B1 and B3, C1 to C15 and any applicable ancillary reference service D2 to D7, the SSBs are expressed in terms of:

- System Average Interruption Duration Index (SAIDI)
- System Average Interruption Frequency Index (SAIFI)
- Call centre performance – percentage of fault calls responded to in 30 seconds or less (after exclusions).

The SAIDI and SAIFI metrics are defined in accordance with the National Regulatory Reporting Requirements<sup>3</sup> (NRRR) and can be described as:

- SAIDI – Total number of minutes, on average, that a customer on a distribution network is without electricity in a year
- SAIFI – The average number of times a customer's electricity supply is interrupted per year.

#### 5.1.1 SAIDI

SAIDI, measured over a 12-month period, by NRRR definition is the sum of the duration of each customer interruption (customer minutes interrupted) - lasting more than one minute, attributable solely to the distribution network (after exclusions), divided by the number of distribution customers served, which is determined by averaging the start of month values for the 12 months included in the 12 month period.

The unit of measure is minutes per year and the lower the minutes per year, the higher the level of service performance.

The following exclusions apply to SAIDI:

- A Major Event Day (MED) in accordance with the AA4 description
- Interruptions shown to be caused by a fault or other event on the transmission network or a third-party system (for instance, without limitation interruptions caused by an inter-trip signal, generator unavailability or a customer installation)
- Planned interruptions
- Force majeure events affecting the distribution system.

<sup>3</sup> National Regulatory Reporting for electricity distribution and retail businesses, Utility Regulators Forum discussion paper, March 2002 © Commonwealth of Australia

The SSBs expressed in terms of SAIDI for each year of the AA4 period are shown in Table 5.1.

**Table 5.1: SAIDI SSBs for each year ending 30 June**

SAIDI	Minutes per year
	SSB
CBD	33.7
Urban	130.6
Rural Short	215.4
Rural Long	848.3

### 5.1.2 SAIFI

SAIFI, measured over a 12-month period, by NRRR definition is the total number of customer interruptions, lasting more than one minute, attributable solely to the distribution network (after exclusions), divided by the average of distribution customers served, which is determined by averaging the start of month values for the 12 months included in the 12 month period.

The unit of measure is interruptions per year and the lower the number of interruptions per year, the higher the level of service performance. The exclusions for SAIDI discussed in section 5.1.1, also apply to SAIFI. The SSBs expressed in terms of SAIFI for each year of the AA4 period are shown in Table 5.2.

**Table 5.2: SAIFI SSBs for each year ending 30 June**

SAIFI	Interruptions per year
	SSB
CBD	0.21
Urban	1.27
Rural Short	2.34
Rural Long	5.70

### 5.1.3 Distribution network feeder classifications

The feeder classification, consistent with the NRRR, applied to Western Power’s distribution network and used to report Service Standards performance in accordance with AA4, include: CBD, Urban, Rural Short and Rural Long. Definitions are provided in Table 5.3.

**Table 5.3: Feeder classifications**

Feeder Category	Description
CBD	A feeder supplying predominantly commercial, high-rise buildings, supplied by a predominantly underground distribution network containing significant interconnection and redundancy when compared to urban areas
Urban	A feeder, which is not a CBD feeder, with actual maximum demand over the reporting period per total feeder route length greater than 0.3 MVA/km



Feeder Category	Description
Rural Short	A feeder which is not a CBD or urban feeder with a total feeder route length less than 200 km
Rural Long	A feeder which is not a CBD or urban feeder with a total feeder route length greater than 200 km

#### 5.1.4 Call centre performance

Call centre performance, measured over a 12-month period, is the number of fault calls responded to in 30 seconds or less (after exclusions), divided by the total number of fault calls.

The unit of measure is percentage of calls per year and the higher the percentage of calls per year, the higher the level of service performance.

The following exclusions apply to call centre performance:

- Calls abandoned by a caller in four seconds or less of their postcode being automatically determined or when a valid postcode is entered by the caller
- Calls abandoned by a caller in 30 seconds or less of the call being placed in the queue to be responded to by a human operator
- All telephone calls received on a MED which is excluded from SAIDI and SAIFI
- A fact or circumstance beyond the control of Western Power affecting the ability to receive calls to the extent that Western Power could not contract on reasonable terms to provide for the continuity of service.

The SSB expressed in terms of call centre performance for each year of the AA4 period is shown in Table 5.4.

**Table 5.4: Call centre performance SSB for each year ending 30 June**

Call centre performance	Percentage of calls per year
	SSB
	86.8%

## 5.2 Transmission network Service Standards

In respect of the reference services A11 and B2 available to users directly connected to the transmission network, the SSBs are described below.

### 5.2.1 Circuit Availability

Circuit Availability is the availability of the transmission network and is measured by the actual number of hours the transmission network circuits are available, divided by the total possible hours available (after exclusions).

The unit of measure is percentage of hours per year and the higher the percentage of hours per year, the higher the level of service performance.

The following exclusions apply to circuit availability:

- Interruptions affecting the transmission system shown to be caused by a fault or other event on a third-party system (for instance, without limitation interruptions caused by an inter-trip signal, generator unavailability or a customer installation)

- Force majeure events affecting the transmission system
- Duration of planned interruptions for major construction work, including periods where availability is temporarily restored, is to be capped at 14 days in calculating transmission line availability.

The SSB expressed in terms of Circuit Availability for each year of the AA4 period is shown in Table 5.5.

**Table 5.5: Circuit Availability SSB for each year ending 30 June**

Circuit Availability	Percentage of hours per year
	SSB
	97.8%

### 5.2.2 LoSEF

LoSEF is the frequency of unplanned customer interruption events where the loss of supply:

- exceeds 0.1 but less than or equal to 1.0 System Minutes Interrupted
- exceeds 1.0 System Minutes Interrupted.

The unit of measure is the number of events per year and the lower the number of events per year, the higher the level of service performance.

When calculating LoSEF for the financial year ending 30 June 2020 and each financial year thereafter, “System Peak MW” is the maximum peak demand recorded for the SWIN for the previous year, excluding the coincident demand for those customers receiving a non-reference service, where the impact of an unplanned customer outage event is excluded for the purpose of this measure.

The following exclusions apply to System Minutes Interrupted:

- Planned interruptions
- Momentary interruptions (less than one minute)
- Unregulated transmission assets.
- Interruptions affecting the transmission system shown to be caused by a fault or other event on a third-party system (for instance, without limitation interruptions caused by an inter-trip signal, generator unavailability or a consumer installation).
- Force majeure events affecting the transmission system.

The SSBs expressed in terms of LoSEF for each year of the AA4 period are shown in Table 5.6.

**Table 5.6: LoSEF SSBs for each year ending 30 June**

LoSEF	Number of events per year
	SSB
>0.1 & ≤1.0 System Minutes Interrupted	26
> 1.0 System Minutes Interrupted	7

### 5.2.3 Average Outage Duration

Average Outage Duration is the total number of minutes duration of all unplanned interruptions on the transmission network divided by the number of unplanned interruption events (after exclusions). The unit of measure is minutes per year and the lower the minutes per year, the higher the level of service performance.

The exclusions that apply to LoSEF also apply to Average Outage Duration. In addition, the exclusion applies for reactive compensation plant, and any event contributing to Average Outage Duration is capped at 14 days.

The SSB expressed in terms of Average Outage Duration for each year of the AA4 period is shown in Table 5.7.

**Table 5.7: Average Outage Duration SSB for each year ending 30 June**

Average Outage Duration	Minutes per year
	SSB
	1,234

### 5.3 Street lighting repair time

For the reference service A9, the SSBs are expressed in terms of street lighting repair time.

Street lighting repair time is the average number of business days to repair a faulty streetlight. The unit of measure is the average number of business days. The lower the average number of business days, the higher the level of service performance.

The following exclusions apply to street lighting repair time:

- Force majeure events
- Streetlights for which Western Power is not responsible for maintenance.

The SSBs expressed in terms of street lighting repair time for each year of the AA4 period are shown in Table 5.8.

**Table 5.8: Street lighting repair time SSBs for each year ending 30 June**

Street lighting repair time	SSB – average number of business days
Metropolitan area	5
Regional area	9

#### 5.3.1 Areas defined

The areas for street lighting repair times are defined as follows:

##### **Metropolitan area**

Areas of the State defined in the *Code of Conduct for the Supply of Electricity to Small Use Customers 2022*.

##### **Regional area**

All areas in the Western Power Network other than the metropolitan area.

## 5.4 Supply abolishment

For the reference service D1, the SSB is expressed in terms of response time.

Supply abolishment response time is the average number of business days to abolish supply. The unit of measure is average number of business days and the lower the average number of business days, the higher the level of service performance.

The following exclusions apply to supply abolishment response time:

- Supply abolishment requests that:
  - are cancelled or deferred;
  - relate to non-whole current meters or non-standard technical configurations, site access issues or safety issues; or
  - require external approvals or actions beyond the control of Western Power as a reasonable and prudent person;
- A fact or circumstance beyond the control of Western Power as a reasonable and prudent person affecting the ability to abolish supply
- Force majeure events affecting the ability to abolish supply.

The SSB expressed in terms of supply abolishment response time for each year of the AA4 period is shown in Table 5.9.

**Table 5.9: Supply abolishment response time SSB for each year ending 30 June**

Supply abolishment response time	SSB – average number of business days
Supply abolishment response time	15

## 5.5 Streetlight LED replacement service

For the reference service D10 the SSB is that the LED replacement, requested by the user, will be completed as soon as reasonably practicable in accordance with good electricity industry practice.

Similar to 2021/22, Western Power was not requested to perform this reference service during the 2022/23 period. However, Western Power has held discussions with several Local Government Authorities (LGAs) seeking streetlight LED replacement services and due to the level of interest shown by the LGAs, this service will continue to be offered in 2023/24.

## 5.6 Remote De-energise Service

For the reference service D8, the SSB is 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 visits by Western Power.

The service standard benchmark is expressed in terms of response time to remotely de-energise. The unit of measure is average number of business days and the lower the average number of business days, the higher the level of service performance.

The following exclusions apply to remote de-energise response time:

- Remote de-energise requests that are cancelled or deferred
- Remote de-energisation requests received on a business day in relation to this measure, where the total number of de-energisation requests exceeds the maximum operational capacity of the infrastructure supporting the remote de-energisation requests
- A fact or circumstance beyond the control of Western Power as a reasonable and prudent person affecting the ability to remote de-energise
- Force majeure events affecting the remote de-energise service.

The SSB expressed in terms of remote de-energise response time for each year of the AA4 period is shown in Table 5.10.

**Table 5.10: Remote de-energise response time SSB for each year ending 30 June**

Remote de-energise response time	SSB – average number of business days
Remote de-energise response time	1

## 5.7 Remote Re-energise Service

For the reference service D9, the SSB is 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 visits by Western Power.

The service standard benchmark is expressed in terms of response time to remotely re-energise. The unit of measure is average number of business days and the lower the average number of business days, the higher the level of service performance.

The following exclusions apply to remote re-energise response time:

- Remote re-energise requests that are cancelled or are requested to be deferred
- Remote re-energisation requests received on a business day in relation to this measure, where the total number of re-energisation requests exceeds the maximum operational capacity of the infrastructure supporting the remote re-energisation requests
- A fact or circumstance beyond the control of Western Power as a reasonable and prudent person affecting the ability to remote re-energise
- Force majeure events affecting the remote re-energise service.

The SSB expressed in terms of remote re-energise response time for each year of the AA4 period is shown in Table 5.11.

**Table 5.11: Remote re-energise response time SSB for each year ending 30 June**

Remote re-energise response time	SSB – average number of business days
Remote re-energise response time	1

## 6. Actual Service Standard performance

### 6.1 Summary of Service Standard performance

The Service Standard performance is detailed in Table 6.1.

**Table 6.1: Service Standard performance summary for the 2022/23 period<sup>4</sup>**

			SSB 2018/19 onwards	2017/18 actual AA4	2018/19 actual AA4	2019/20 actual AA4	2020/21 actual AA4	2021/22 actual AA4	2022/23 actual AA5
Distribution	SAIDI	CBD	≤ 33.7	1.3	14.7	22.8	14.1	5.8	18.5
		Urban	≤ 130.6	104.5	104.2	134.3	118.0	130.3	117.0
		Rural Short	≤ 215.4	151.9	178.3	218.3	210.2	205.8	188.5
		Rural Long	≤ 848.3	718.1	663.5	737.7	713.5	806.6 (806.8)	578.4
	SAIFI	CBD	≤ 0.21	0.04	0.11	0.20	0.26	0.08	0.24
		Urban	≤ 1.27	1.03	0.95	1.14	1.13	1.29	1.18
		Rural Short	≤ 2.34	1.59	1.78	2.11	1.94	2.11	2.40
		Rural Long	≤ 5.70	3.96	3.83	3.77	4.25	4.61	4.34
Call Centre Performance - %			≥ 86.8	91.7	91.7	92.6	91.9	90.7	87.9
Transmission	Circuit Availability - %		≥ 97.8	99.1	98.7	98.8	98.5	98.9	98.5
	Loss of Supply Events	>0.1 & ≤1.0 SMI	≤ 26	11	13	15	14	5	11
		>1.0 SMI	≤ 7	6	2	3	2	7	0
	Average Outage Duration		≤ 1,234	560	523	751	976	590	947
Streetlights	Metropolitan area - business days		≤ 5	3.23	4.82	4.53	4.83	4.95	4.83
	Regional area - business days		≤ 9	8.09	8.15	6.77	7.33	8.58	7.72
LED Replacements			Note <sup>5</sup>		N/A	N/A	N/A	N/A	N/A
Supply Abolishment - business days			≤ 15		N/A	3.36	2.54	2.48	3.88
Remote de-energise - business day			≤ 1		N/A	N/A	N/A	0.29	0.55
Remote re-energise - business day			≤ 1		N/A	N/A	N/A	0.20	0.20

<sup>4</sup> In the 2021/22 period the Rural Long SAIDI number has been amended due to data cleansing. The previous number is shown in red.

<sup>5</sup> For the reference service D10 the Service Standard Benchmark is the LED replacement, requested by the user. During the 2022/23 period, Western Power was not requested to perform this reference service.

## 6.2 Distribution network

During the 2022/23 period, Western Power's overall distribution performance was above the required levels for seven of the nine distribution SSBs. The measures below the required SSB level were Rural Short SAIFI and CBD SAIFI. The Rural Long SAIDI performance was the strongest result for over a decade and increased maintenance work and redesigned restoration practices during the fire season contributed to the improvement.

Network performance in Urban, Rural Short and Rural Long areas were influenced as a result of damage to network assets, as follows:

- Storm damage to overhead network assets predominantly in the Perth Metropolitan, South-West and Peel regions in August 2022 impacted almost 61,500 customers
- In March 2023, supply to around 43,000 customers was interrupted across the network during pole top fire activity, with 35,000 customers impacted in the Perth Metropolitan area, and a further 8,000 customers mainly in the Southwest and Wheatbelt regions.

Western Power has provided reliability data in Appendix B which identifies SAIDI and SAIFI performance, compared to the Service Standard Benchmark, for over 700 distribution feeders for the 2022/23 period. This data is presented by Feeder name in Appendix B1 and also by Local Government Authority in Appendix B2.

### 6.2.1 Distribution network – key strategies and activities

Several key strategies and activities were implemented to maintain or deliver targeted improvements in the reliability of supply including routine maintenance, Grid augmentation and target activities.

#### Routine maintenance

This activity involves Western Power's routine and targeted asset inspection, maintenance programs and monitoring of assets. It is done in conjunction with vegetation management plans, as well as the replacement of deteriorating and defective assets such as poles, conductors and switching equipment. The objective of routine and targeted maintenance is to minimise the public safety risk, the environmental risks to the network, and positively influence reliability performance. Western Power adopts a risk-based approach to planning and delivering work, which aims to eliminate the maximum amount of risk from the network, balancing safety, reliability and affordability.

#### Grid augmentation

This activity involves additional capital work, such as network modification or installation of new assets. Specific areas may be targeted based on their long-term reliability performance and underlying reliability risk factors. The nature of augmentation will depend on the systemic factors that negatively affect reliability and the suitability of options at that location on the network.

Options implemented under this strategy include:

- installing new interconnections between parts of the network to facilitate the transfer of customer connections to different points on the network (reducing supply interruption duration), as well as strengthening and extensive automation of existing interconnections to allow near instantaneous remote transfer

- replacing overhead power lines with covered conductor or underground cables (to reduce the risk of a live electrical conductor contacting a foreign body and causing a supply interruption)
- augmenting or upgrading the distribution feeders, to ensure that there is sufficient load carrying capacity, and that the assets are in an adequate (serviceable) condition to meet customer needs
- investigating and utilising new technology that is expected to improve the customer experience such as Standalone Power Systems (SPS), portable and static generation connecting transformers (injection units), microgrids, automation functions, hardware and software, battery energy storage systems, fast communication links and protection devices.

### Targeted activities

Several targeted reliability activities were undertaken during the 2022/23 period:

- New static generation connecting transformers (injection units) were installed in a “reliability hotspot” of Port Denison-Dongara , and performance improvements were realised at the end of the 2022/23 period.
- Deployment of fuse saver technology to reduce sustained outages on radial spurs in the Three Springs, Margaret River and Wagerup areas.
- Temporary deployment of generators and portable connecting transformer (injection units) for selected reliability hot spots. In the 2022/23 period, temporary islanded networks were created for some periods of time in Kalbarri, Mullewa, Port Denison-Dongara (prior to installation of a static solution in February 2023), Perenjori, Quairading and Pingelly.
- A network wide Ring Main Unit automation and motorisation program has been set up and scoped in 2022/23 to enhance the effectiveness of fault restoration systems. This program of works is expected to be implemented over the next two years and the benefits are expected to be realised in 2025/26.
- Following load forecast methodology improvements, considerable network reinforcement works took place in six urban areas: Mandurah, Byford, Southern River, Henley Brook, Yanchep and Waikiki.
- Extensive work with the Department of Fire and Emergency Services to enable the review of our outage restoration process to enable faster restoration.
- Fire risk assessment methodology has been reviewed, and bushfire response has changed accordingly. The aim is to improve fire movement prediction and to find improved and safe ways to reduce power outages duration.
- A fault location tool has been developed to assist in reducing the time to pinpoint the fault location.

A significant number of network reconfiguration and optimisation projects have been investigated and scoped in the 2022/23 period and are scheduled for implementation during the 2023/24 period and beyond. However, due to the time lag in impacting performance, network performance benefits are expected to be realised in 2024/25 at the earliest. The projects include feeder installations, conductor upgrades, installation and/or automation of ring main units, reclosers, fuse savers, remote monitoring units and pole top switches and improving feeder interconnectivity. The most extensive works will take place on the parts of the network supplied from Southern River, Clarkson, Meadow Springs, Yanchep, Byford, Mandurah and Beechboro zone substations.

Western Power has also undertaken a targeted response to reduce the impact of large events, including accelerated completion of capacity and reliability works for summer readiness with a focus on reducing outage risk and duration. Completed works consist of network reinforcement for six substations with 14



feeders, network switching and alarm review for 62 substations with 107 feeders, early restoration of out-of-service assets and upgrade of 77 overloaded transformers. Western Power has, as part of the 2022/23 plan, increased its existing fleet of emergency response generators by eight for summer readiness and remains on track to acquire 18 further generators.

Western Power is also progressing with the SPS program, and at 30 June 2023, 167 SPS units had been deployed across the network, with further SPS units expected to be deployed by the end of the 2024/25 period, which will improve the community experience in those parts of the network.

We note that some programs of work for regional areas have improved the customer’s felt reliability experience, but not necessarily improved the overall reliability performance due to the small number of customers impacted. This however is important work as many of these small regional towns have had longer term reliability challenges. We are committed to not being solely focused on overall average performance to the detriment of reliability of small regional communities. To this end, Western Power is preparing a longer term reliability plan to improve overall average performance.

Table 6.2: Distribution performance and commentary for the 2022/23 period

Service Standard	SSB	2022/23	2021/22	Comments
		Actual	Actual	
CBD SAIDI	33.7	18.5	5.8	<p>Performance was within the AA4 benchmark but declined compared to the 2021/22 period.</p> <p>There was an increase in interruptions attributed to cable failure during June 2023.</p> <p>Note: The CBD SAIDI performance is volatile over a short period of time due to the combined effects of fewer interconnections and the relatively long repair time for faults in the underground CBD network.</p>
Urban SAIDI	130.6	117.0	130.3	<p>Performance was within the AA4 benchmark and was an improvement compared to the 2021/22 period.</p> <p>Over the 2022/23 period, there was a decrease in outage times attributed to emergency outages and vegetation impact.</p>
Rural Short SAIDI	215.4	188.5	205.8	<p>Performance was within the AA4 benchmark and was an improvement on the 2021/22 period.</p> <p>The primary contributor to the improvement in performance was fewer interruptions attributed to equipment failure, emergency outages caused by hazards, and vegetation impact.</p>
Rural Long SAIDI	848.3	578.4	806.6	<p>Performance was within the AA4 benchmark and was an improvement compared to the 2021/22 period.</p> <p>Compared to the previous year, there was a decrease in outage times attributed to emergency outages, unknown causes, and wind-borne debris.</p> <p>Several operational process improvements have contributed to the improved performance, including changes in network restoration process to restore unfaulted areas as soon as practical, and improved processes to minimise outages in bushfire situations.</p>

Service Standard	SSB	2022/23	2021/22	Comments
		Actual	Actual	
CBD SAIFI	0.21	0.24	0.08	<p>Performance did not meet the AA4 benchmark and also declined against the 2021/22 result.</p> <p>The primary contributor to reduced performance was equipment failure but in some instances, the causes were unable to be determined. Notably, there were three faults on a section of underground cable in June 2023 which contributed to the reduction in performance.</p> <p>Note: The CBD SAIFI performance is generally volatile over a short period of time due to the combined effects of fewer interconnections and the relatively long repair time for faults in the underground CBD network.</p>
Urban SAIFI	1.27	1.18	1.29	<p>Performance was within the AA4 benchmark and was an improvement compared to the 2021/22 period.</p> <p>Over the 2022/23 period, there was a decrease in interruptions attributed to emergency outages.</p>
Rural Short SAIFI	2.34	2.40	2.11	<p>Performance did not meet the AA4 benchmark and also declined against the 2021/22 result.</p> <p>Over the 2022/23 period, there was an increase in interruptions attributed to unknown causes, equipment failure and vehicles.</p>
Rural Long SAIFI	5.70	4.34	4.61	<p>Performance was within the AA4 benchmark and was an improvement compared to the 2021/22 period.</p> <p>Over the 2022/23 period there was a decrease in the impact of interruptions attributed to equipment failure.</p>
Call centre performance	86.8%	87.9%	90.7%	<p>The 2022/23 performance exceeded the AA4 benchmark but declined compared to the 2021/22 period.</p> <p>The key contributors to the decline in performance were:</p> <ul style="list-style-type: none"> <li>• A period of low staffing in the first half of the year.</li> <li>• A change in staff utilisation that redirected call taking staff towards the management of website updates and SMS communication.</li> <li>• Improvements in proactive SMS communication and website updates has seen a reduction in customers calling for updates on restoration times, which are generally short duration calls. The reduction in short duration calls impacts on the average time to answer calls within 30 seconds.</li> </ul>

### 6.3 Transmission network

All transmission Service Standard Benchmarks (SSBs) were achieved in the 2022/23 period. The key drivers behind this performance are elaborated upon in Table 6.3.

### 6.3.1 Transmission network – key strategies and activities

Key strategies and routine activities continued to be undertaken during the 2022/23 period to maintain or deliver targeted improvements in the performance of the transmission network, including routine maintenance, Grid augmentation and targeted activities.

#### Routine and targeted maintenance

Western Power remains committed to conducting comprehensive routine and targeted asset inspections, maintenance programs, and asset monitoring. These activities remain intricately linked with vegetation management plans, and the replacement of deteriorating or faulty assets, including poles and conductors. The overarching objective continues to be enhancing reliability performance while minimising potential risks to public safety.

Western Power has continued to improve maintenance planning and coordination across planned outages to reduce adverse impacts on transmission circuit availability.

#### Operational response

Western Power expedites the restoration of faulted regulated circuits by employing proactive measures such as on-call network switching resources and/or additional resources.

Leveraging the distribution system for customer restoration (Distribution Transfer Capacity)<sup>6</sup>, where feasible, remains instrumental in maintaining performance within the established benchmarks.

**Table 6.3: Transmission performance and commentary for the 2022/23 period**

Service Standard	SSB	2022/23	2021/22	Comments
		Actual	Actual	
Circuit Availability	97.8%	98.5	98.9%	Performance exceeded the AA4 benchmark but was slightly lower than the 2021/22 period.
LoSEF >0.1 and ≤1.0 System Minutes Interrupted	<26	11	5	Performance exceeded the AA4 benchmark but declined compared with the 2021/22 period. Several reasons contributed to the decline in performance, including: <ul style="list-style-type: none"> <li>• Reactive equipment maintenance</li> <li>• Inclement weather impacting multiple transmission lines.</li> </ul>
LoSEF >1.0 System Minutes Interrupted	≤7	0	7	Performance exceeded the AA4 benchmark and significantly improved compared to the 2021/22 period. The restoration of customers via the distribution system was instrumental in producing the result.

<sup>6</sup> There are many parts of the network that have undergone upgrades to enhance capability and the availability of distribution transfers. This ensures that LV distribution customers can be switched to alternate power sources when required.

Service Standard	SSB	2022/23	2021/22	Comments
		Actual	Actual	
Average Outage Duration	1,234	947	590	Performance exceeded the AA4 benchmark but declined compared to the 2021/22 period. Several factors contributed to the decline in performance, including: <ul style="list-style-type: none"> <li>• Reactive equipment maintenance</li> <li>• Inclement weather impacting transmission equipment</li> <li>• Nearby fires impacting transmission equipment.</li> </ul>

The significant events under the LoSEF for the 2022/23 period are detailed below.

**Table 6.4: LoSEF >1.0 SMI for the 2022/23 period**

No events to report.

Events	Date	Load Area	Network Configuration	System Minutes	Connected Load MW	Contributing Factor
0	N/A	N/A	N/A	N/A	N/A	N/A
EC=East Country, EGF=Eastern Goldfields, GSR=Great Southern Region, NC=North Country, PIC=Picton, CT=Cannington, SF=South Fremantle, NT=Northern Terminal, WT=Western Terminal, ST=Southern Terminal						

**Table 6.5: LoSEF >0.1 & ≤1.0 SMI for the 2022/23 period**

Events	Date	Load Area	Network Configuration	System Minutes	Connected Load MW	Contributing Factor
1	29/07/2022	KW	Mesh	0.723	17.8	Lightning/Thunderstorms
2	02/08/2022	GLT	Mesh	0.751	19.1	Line Failure
3	14/08/2022	EC	Mesh	0.138	4.2	Cable Failure
4	20/08/2022	EP	Mesh	0.186	4.5	Transformer Failure
5	08/09/2022	GLT	Mesh	0.135	9.8	Transformer Failure
6	30/10/2022	EP	Mesh	0.706	3.0	Protection Failure
7	03/01/2023	KW	Mesh	0.834	4.3	Protection Failure
8	07/01/2023	NC	Mesh	0.226	2.1	Crossarm Failure
9	19/03/2023	MU	Mesh	0.123	6.8	Bird/Animal
10	24/03/2023	SF	Mesh	0.192	15.9	Protection Error
11	26/05/2023	NT	Mesh	0.195	12.6	Circuit Breaker Failure
EC=East Country, EGF=Eastern Goldfields, EP= East Perth Terminal and CBD, GSR=Great Southern Region, KW=Kwinana Terminal, NC=North Country, PIC=Picton, GLT= Guildford Terminal, CT=Cannington, SF=South Fremantle, NT=Northern Terminal, WT=Western Terminal, MU=Muja						

### 6.3.2 LoSEF for radial and meshed circuits

There is no separately defined SSB measure for LoSEF for radial and meshed circuits.

As shown in Table 6.4, there were no events for LoSEF >1.0 SMI in the reporting period. Also, as illustrated in Table 6.5, for LoSEF >0.1 SMI and ≤1.0 SMI in the 2022/23 period, the 11 events were in the meshed transmission network.

In the classification of radial and meshed transmission networks for the purposes of this Report, the 220kV circuit between Muja Terminal and Merredin Terminal is classified as a radial transmission network circuit due to the protection scheme installed which results in a trip to the whole 220kV line in the event of any fault on the Muja to Merredin lines.

## 6.4 Street lighting repair time

Streetlight faults are normally fixed within 5 working days in the metropolitan area and major regional centres (e.g., Bunbury, Kalgoorlie, Geraldton or Albany) and 9 working days in rural areas. In most cases, the faulty streetlight is fixed on the day of inspection (Refer to Table 6.6 below).

In areas where the power supply is underground, there has been an increased number of cable faults, and these faults are more complex to assess, locate and repair. Basic cable faults can take up to 12 weeks to repair.

If cabling is non-compliant with standards, a full upgrade of the underground cable system is needed. Full upgrades can take months from design and engineering to planning and scheduling of cable laying.

Streetlight SSBs do not include streetlight cable faults. As such the performance levels outlined in Table 6.6 do not contain streetlight faults attributed to underground cable issues.

**Table 6.6: Street lighting repair time performance and commentary for the 2022/23 period**

Service Standard	SSB	2022/23	2021/22	Comments
		Actual	Actual	
Metropolitan area	≤ 5 business days	4.83	4.95	Performance was within the AA4 Benchmark of 5 business days and improved compared to the 2021/22 period. The grouping of faulty streetlights for repair in the metropolitan areas has resulted in a decrease of the average number of days to effect repairs.
Regional area	≤ 9 business days	7.72	8.58	Performance was within the AA4 Benchmark of 9 business days and improved compared to the 2021/22 period. The grouping of faulty streetlights for repair in regional areas has resulted in a decrease of the average number of days to effect repairs.

## 6.5 Supply abolishment

**Table 6.7: Supply abolishment response time performance and commentary for the 2022/23 period**

Service Standard	2022/23		Comments
	SSB	Actual	
All areas	≤ 15 business days	3.83	The average performance exceeded the AA4 Benchmark of 15 business days but declined compared to the 2021/22 actual of 2.48 days primarily driven by resource management to attend to higher risk work .

## 6.6 Remote de-energise

**Table 6.8: Remote de-energise response time performance and commentary for the 2022/23 period**

Service Standard	2022/23		Comments
	SSB	Actual	
All areas	≤ 1 business days	0.55	The average performance exceeded the AA4 Benchmark of one business day.

## 6.7 Remote re-energise

**Table 6.9: Remote re-energise response time performance and commentary for the 2022/23 period**

Service Standard	2022/23		Comments
	SSB	Actual	
All areas	≤ 1 business days	0.20	The average performance exceeded the AA4 Benchmark of one business day.

## 6.8 Western Power Network Performance

There is no defined SSB measure for the total Western Power network.

As shown in Table 6.10 and Figures 6.1 and 6.2, the reliability performance of the distribution network for the 2022/23 period improved compared to the previous year, with both the duration of outages and the frequency of interruptions having decreased.

The improvement was due to increased maintenance work and redesigned restoration practices during the fire season. In particular, the Rural Long SAIDI performance was the strongest result for over a decade. Another contributor was an overall decrease in interruptions across the network due to emergency outages for hazards and wind-borne debris.

**Table 6.10: Overall reliability performance of the network**

		2021/22	2022/23
Distribution	SAIDI	207	169

	SAIFI	1.79	1.68
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Figure 6.1: Distribution network SAIDI (15-year history)

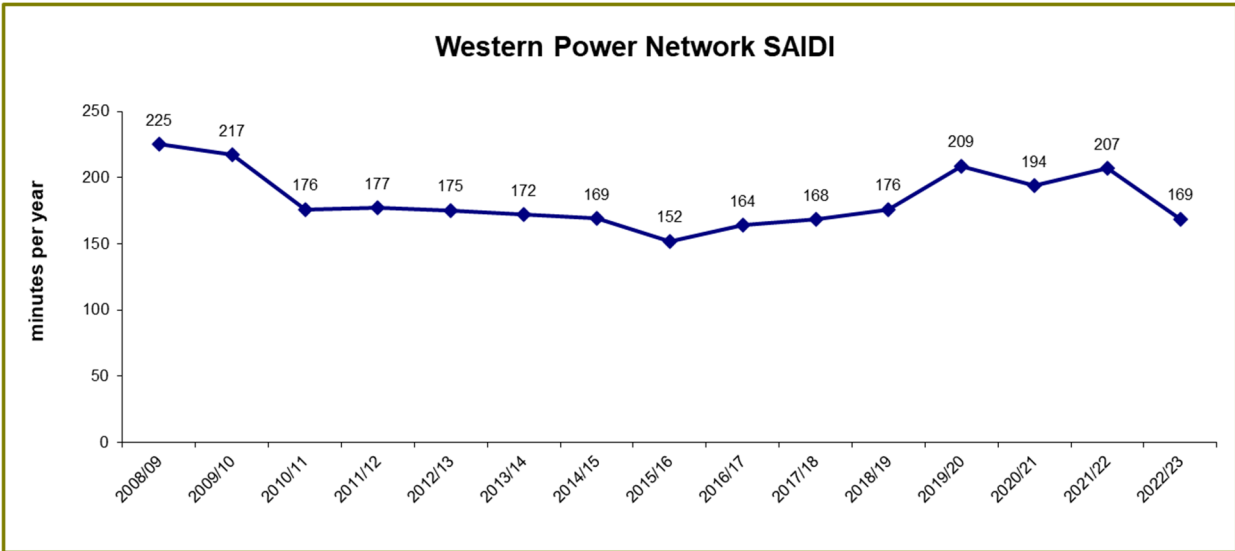
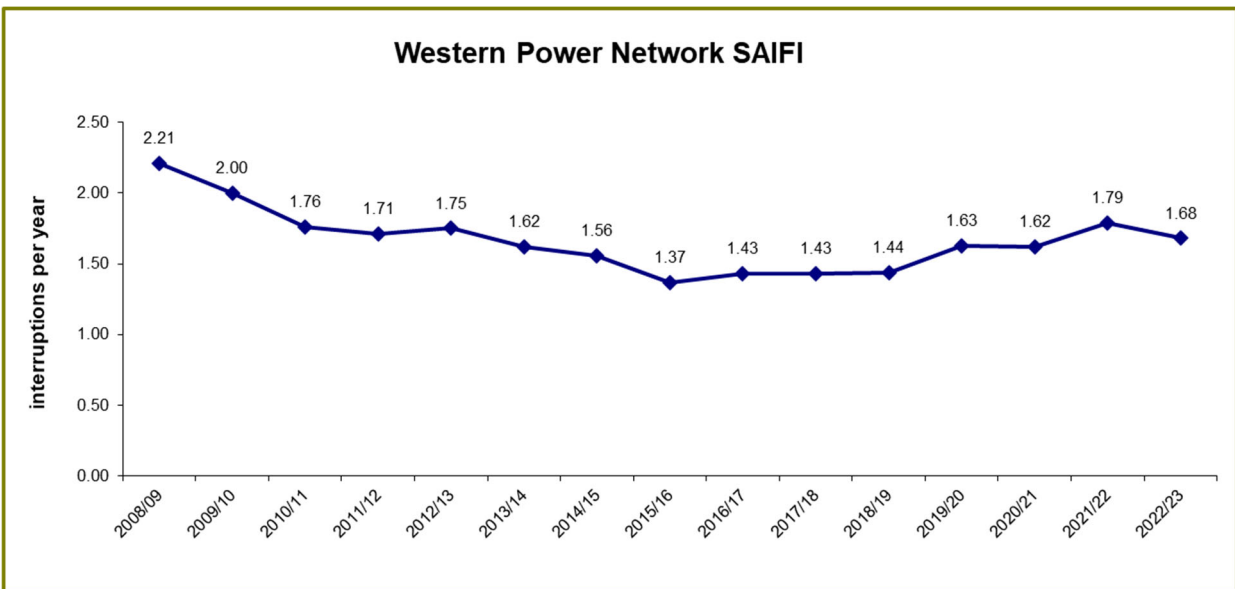


Figure 6.2: Distribution network SAIFI (15-year history)



## 7. Exclusions from SSB performance

As outlined in section 5, the Service Standards provide for certain events to be excluded from the distribution, transmission, street lighting, supply abolishment and remote de-energise and remote re-energise reference service performance.

### 7.1 Distribution performance – SAIDI, SAIFI

Based on the exclusions described in section 5.1.1, for the 2022/23 period, the distribution performance Service Standards in terms of SAIDI and SAIFI excluded the interruptions described below.

#### 7.1.1 Major Event Days (MEDs)

The MEDs excluded are classified in accordance with the description provided in AA4.

The Box-Cox transformation method has been applied to the daily unplanned SAIDI data set to determine the major event day threshold for each financial year of AA4. The Box- Cox transformation lambda value for 2022/23 using the previous 5 financial years of daily unplanned distribution SAIDIs was determined to be -0.068.

There were two days (two events) during the 2022/23 period that exceeded the daily MED threshold of 6.57 minutes.

Table 7.1 illustrates:

- SAIDI (minutes per year) and SAIFI (interruptions per year), which have been excluded from the 2022/23 period due to these two MEDs
- Call centre performance (percentage of calls per year), which is the percentage number of fault calls responded to in 30 seconds or less against the total number of fault calls during these two MEDs.

**Table 7.1: SAIDI, SAIFI and call centre performance exclusions due to MEDs<sup>7</sup>**

		2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
SAIDI	CBD	0	0	0	0	12	0
	Urban	50	13	108	16	61 (67)	25
	Rural Short	123	29	167	90	97 (115)	40
	Rural Long	267	178	589	1,428	231 (247)	37
SAIFI	CBD	0	0	0	0	0.02	0
	Urban	0.08	0.08	0.41	0.02	0.18 (0.20)	0.07
	Rural Short	0.33	0.13	0.46	0.05	0.43 (0.55)	0.11
	Rural Long	0.54	0.55	1.37	0.19	0.43 (0.60)	0.12
Call centre performance		96.1%	92.1%	89.9%	94.3%	88.3%	85.6%

<sup>7</sup> Some number in the 2021/22 period have been amended due to data cleansing. The previous numbers are shown in red.



### August 2, 2022

(SAIDI = 19.4 minutes, SAIFI = 0.050 interruptions, call centre performance = 85.8%)

Around 61,500 customers were interrupted across the SWIN, for an average of nearly 6 hours, peaking at over 35,000 customers at around 8:30am. Over 90 percent of the affected customers were in the Perth Metropolitan, South-West and Peel regions. The strongest wind gust was recorded at 117km/h in Bickley.

### March 16, 2023

(SAIDI = 8.9 minutes, SAIFI = 0.035 interruptions, call centre performance = 85.2%)

Over 43,000 customers were interrupted across the SWIN, for an average of over 4 hours, peaking at over 18,000 customers at around 5:15pm. There was significant pole top fire activity during the day. Most of the affected customers were in the Perth Metropolitan, South-West and Wheatbelt regions.

#### 7.1.2 Transmission network interruptions

The SAIDI (minutes per year) and SAIFI (interruptions per year) that were excluded due to supply interruptions caused by the transmission network are outlined in Table 7.2.

**Table 7.2: SAIDI and SAIFI exclusions due to transmission network interruptions**

		2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
SAIDI	CBD	0	0	2	0	8	0
	Urban	7	3	20	18	11	6
	Rural Short	50	9	44	143	51	10
	Rural Long	74	32	236	213	89	17
SAIFI	CBD	0	0	0.10	0	0.32	0
	Urban	0.17	0.11	0.24	0.13	0.10	0.13
	Rural Short	0.33	0.13	0.18	0.29	0.38	0.23
	Rural Long	0.29	0.43	0.63	0.31	0.71	0.30

### 7.1.3 Other third-party network interruptions

The SAIDI (minutes per year) and SAIFI (interruptions per year) that were excluded due to supply interruptions caused by unavailability of generators or customer equipment are outlined in Table 7.3.

**Table 7.3: SAIDI and SAIFI exclusions due to other third-party network interruptions**

		2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
SAIDI	CBD	0	2	1	3	2	9
	Urban	4	1	10	2	4	10
	Rural Short	2	1	6	21	9	33
	Rural Long	7	5	8	30	6	48
SAIFI	CBD	0	0.01	0	0.03	0	0.01
	Urban	0.02	0.01	0.12	0.01	0.02	0.06
	Rural Short	0.01	0.01	0.07	0.05	0.07	0.15
	Rural Long	0.03	0.01	0.04	0.01	0.02	0.26

There were 4,038 faults attributed to customer installations or other third-party equipment. There were two faults attributed to generator failure.

### 7.1.4 Planned interruptions

The SAIDI (minutes per year) and SAIFI (interruptions per year) that were excluded due to planned supply interruptions required to undertake safe work activities on the distribution network and mitigate the risk of unplanned interruptions, are outlined in Table 7.4.

**Table 7.4: SAIDI and SAIFI exclusions due to planned interruptions**

		2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
SAIDI	CBD	10	3	27	61	20	21
	Urban	97	49	73	61	93	112
	Rural Short	126	64	87	83	117	146
	Rural Long	376	157	277	210	304	229
SAIFI	CBD	0.03	0.01	0.05	0.13	0.05	0.09
	Urban	0.30	0.16	0.25	0.18	0.31	0.36
	Rural Short	0.38	0.21	0.28	0.26	0.40	0.49
	Rural Long	1.08	0.47	0.90	0.64	1.08	0.92

### 7.1.5 Force Majeure

A force majeure event is a common exclusion across the Service Standard Benchmarks and is defined in the Access Code, under Appendix 3 – Model standard access contract. Force majeure events are events or circumstances which Western Power is not able to reasonably and prudently prevent or overcome.

There were no force majeure events which impacted the distribution network during the 2022/23 period.

## 7.2 Distribution performance – Call centre performance

Based on the exclusions described in section 5.1.4, for the 2022/23 period, the distribution performance Service Standards in terms of call centre performance exclude the fault call non-compliances as indicated below:

### 7.2.1 Abandoned calls – four seconds or less

These calls are not captured or recorded within Western Power’s systems.

### 7.2.2 Major Event Days

See section 7.1.1 for the details of the MEDs for the 2022/23 period.

### 7.2.3 Extraordinary events

There were no extraordinary events on the distribution network affecting the call centre performance.

## 7.3 Transmission performance

Based on the exclusions described in section 5.2, the transmission performance for the AA4 period excludes the interruptions described below.

### 7.3.1 Force Majeure

There was no force majeure events on the transmission network during the 2022/23 period.

### 7.3.2 Planned interruptions - major construction work exceeding 14 days

In calculating circuit availability, planned interruptions for major construction work is capped at 14 days. Table 7.5 shows the number of planned interruptions for major construction works that exceeded the 14-day cap in each of the last six financial years.

**Table 7.5: Planned interruptions for major construction work exceeding 14 days**

	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of planned interruptions	14	17	21	11	14	28

## 8. MAIFI<sub>E</sub>

During the 2022/23 period, there were approximately 6,700 momentary interruption events recorded on the network.

Momentary interruptions are usually transient faults which are cleared through auto-reclose operations. They can occur due to several reasons, the most common one being vegetation that may have blown onto a line that has subsequently blown off.

Table 8.1 shows the Momentary Interruption Event Frequency Index (MAIFI<sub>E</sub>) for the AA4 period for each of the distribution feeder classifications. This data is inclusive of all momentary interruptions on the distribution network.

**Table 8.1: MAIFI<sub>E</sub> during the AA4 period**

	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
CBD	0.37	0.13	0.13	0.16	0.20	0.27
Urban	0.74	0.60	0.77	0.63	0.71	0.76
Rural Short	2.23	1.88	2.13	1.92	2.27	2.33
Rural Long	6.03	6.96	6.55	6.28	7.07	6.28

# Appendix A

Service Standard performance graphs –  
2008/09 to 2022/23

## A.1 Service Standard performance graphs – 2008/09 to 2022/23

The following graphs illustrate the actual performance of the Service Standards for the 15 financial years up to the 2022/23 period. The Service Standard Target (SST) applied for AA3 from 2012/13 to 2016/17. As the AA4 commencement was delayed to 1 July 2019, the SSTs did not apply for 2017/18 and 2018/19, but apply for 2019/20 to 2022/23.

- Figure A.1 to Figure A.8 show the SAIDI and SAIFI of the CBD, Urban, Rural Short and Rural Long networks.
- Figure A.9 illustrates Call Centre performance.

### A.1.1 Distribution performance

Figure A.1: CBD SAIDI

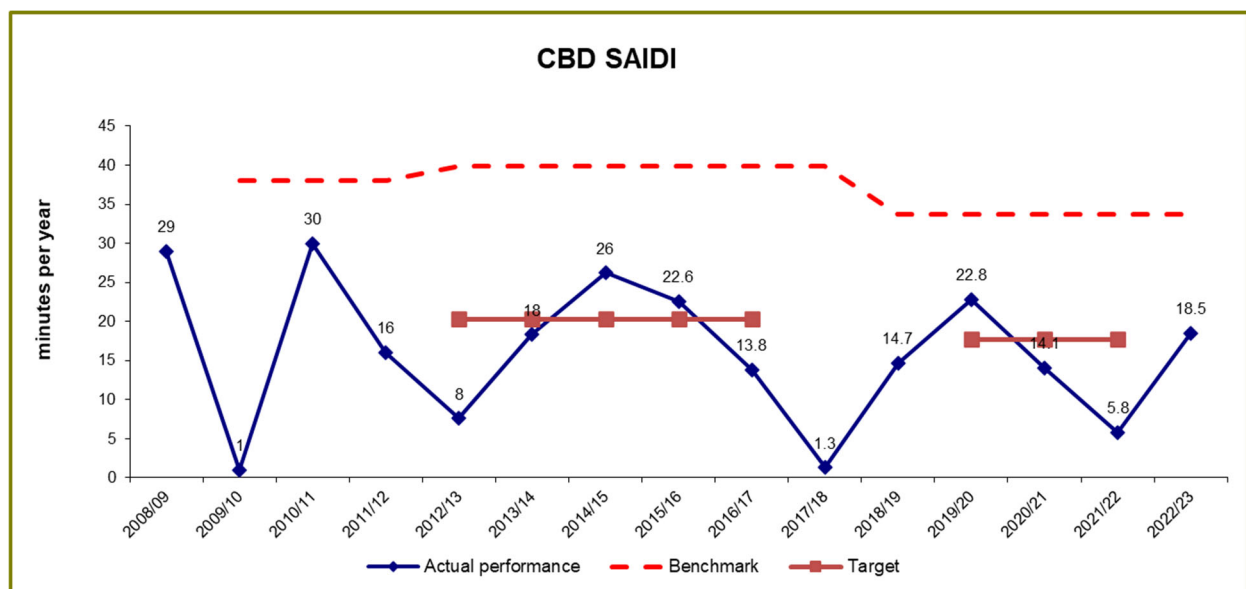


Figure A.2: CBD SAIFI

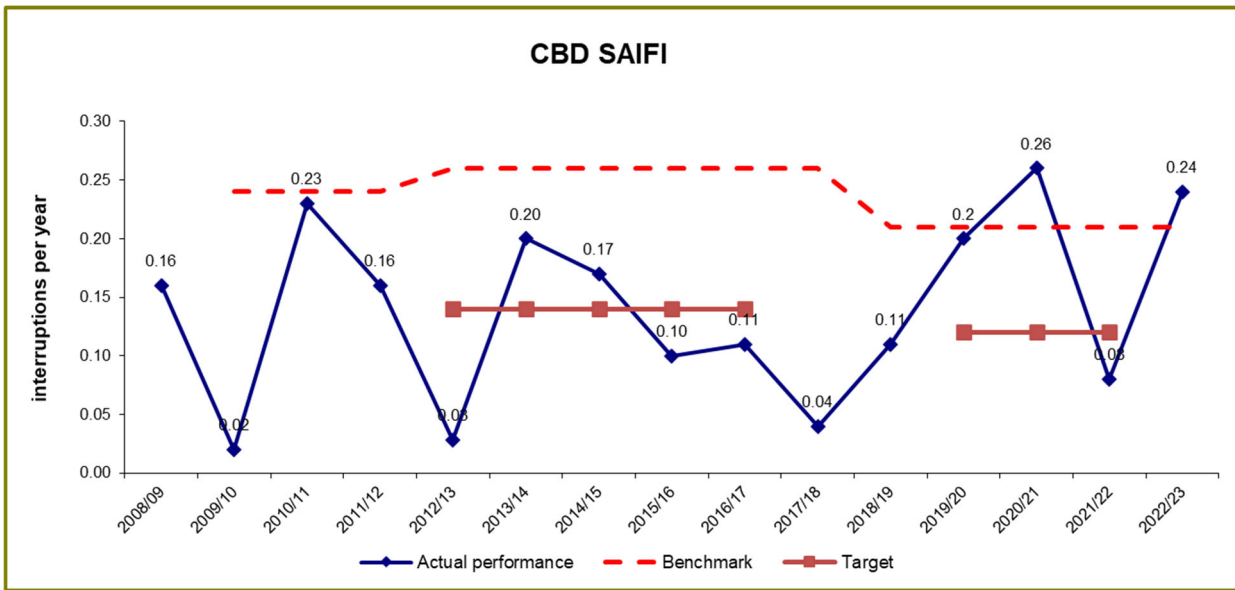


Figure A.3: Urban SAIDI

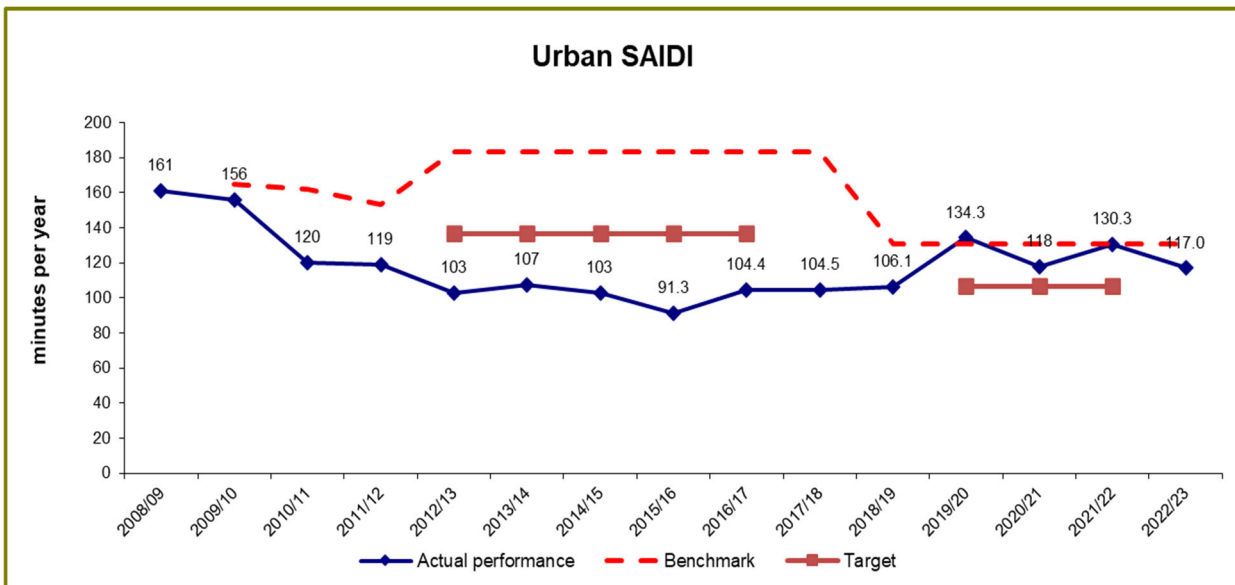


Figure A.4: Urban SAIFI

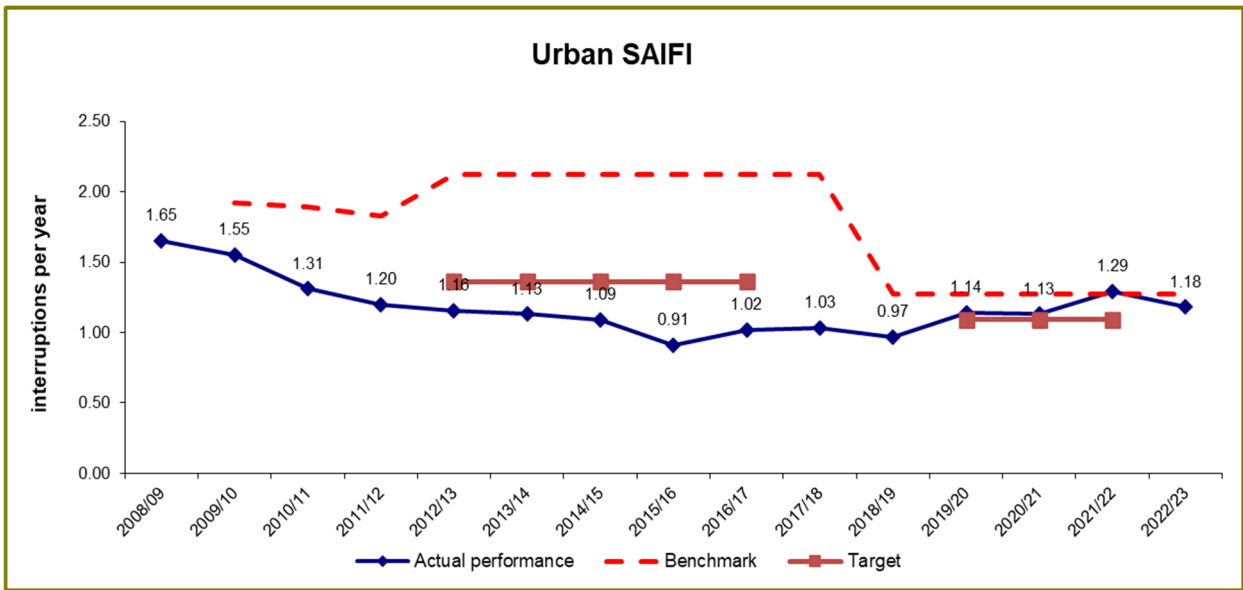


Figure A.5: Rural Short SAIDI

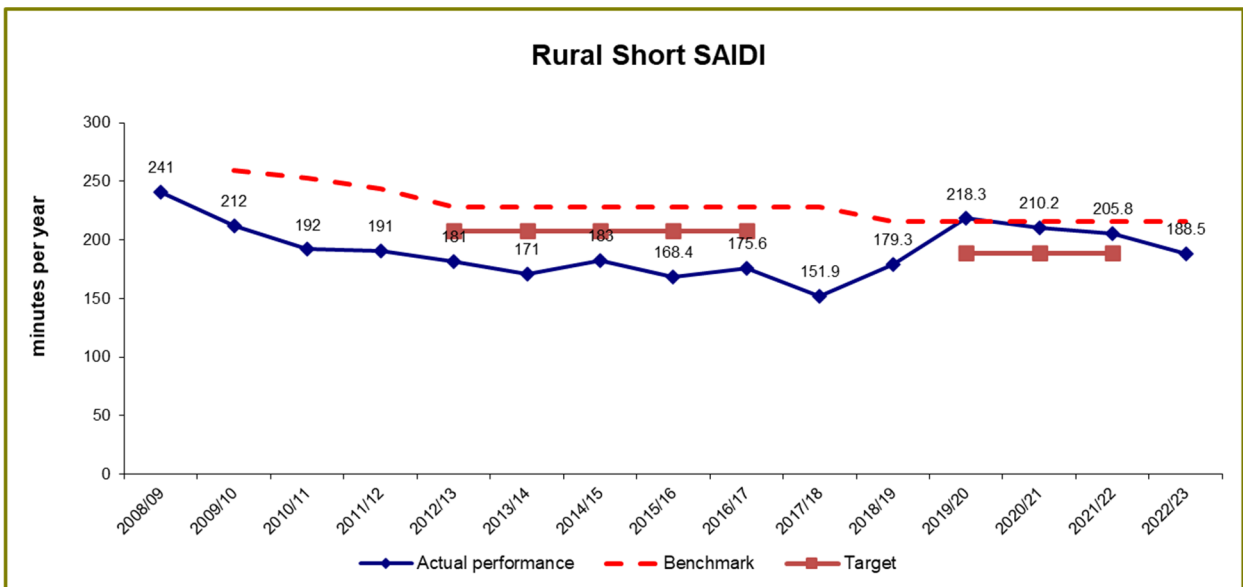




Figure A.6: Rural Short SAIFI

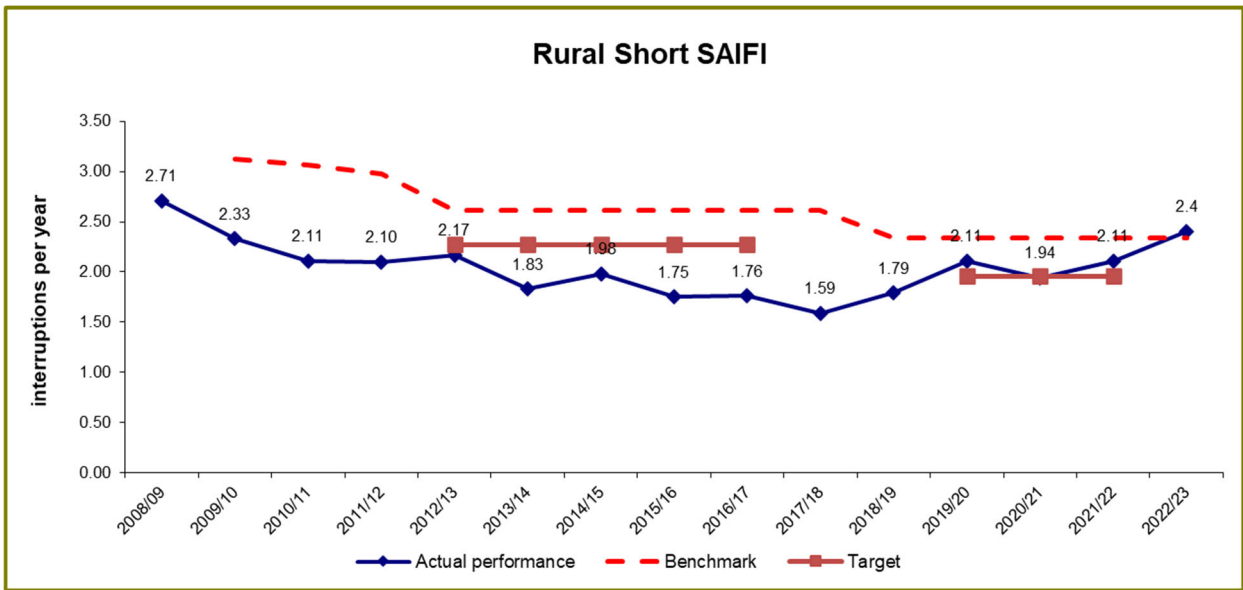


Figure A.7: Rural Long SAIDI

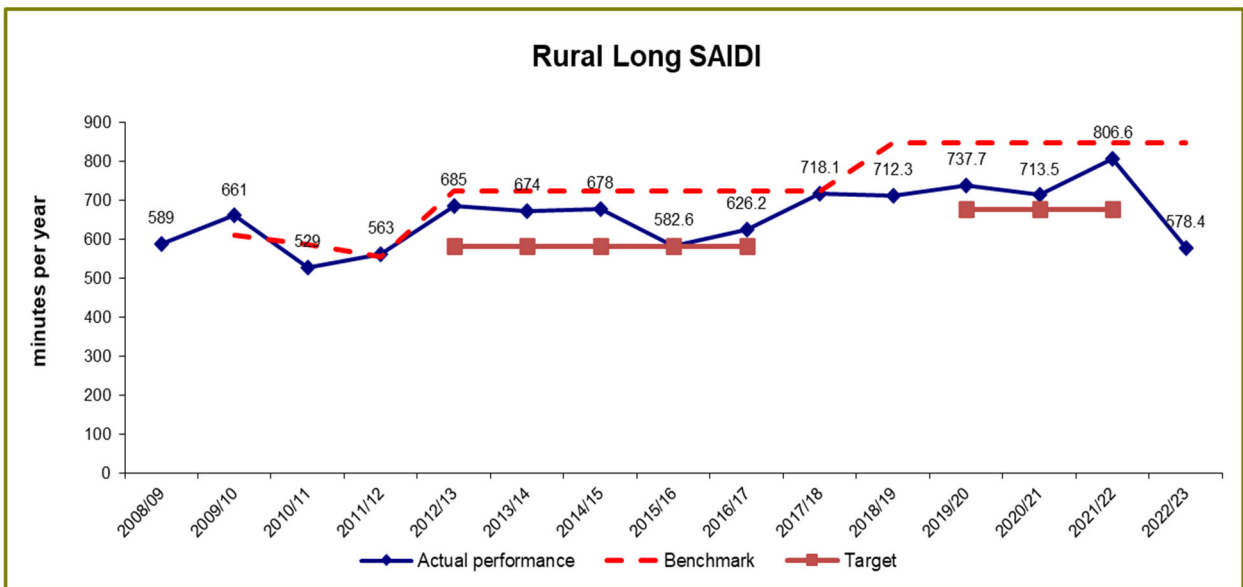


Figure A.8: Rural Long SAIFI

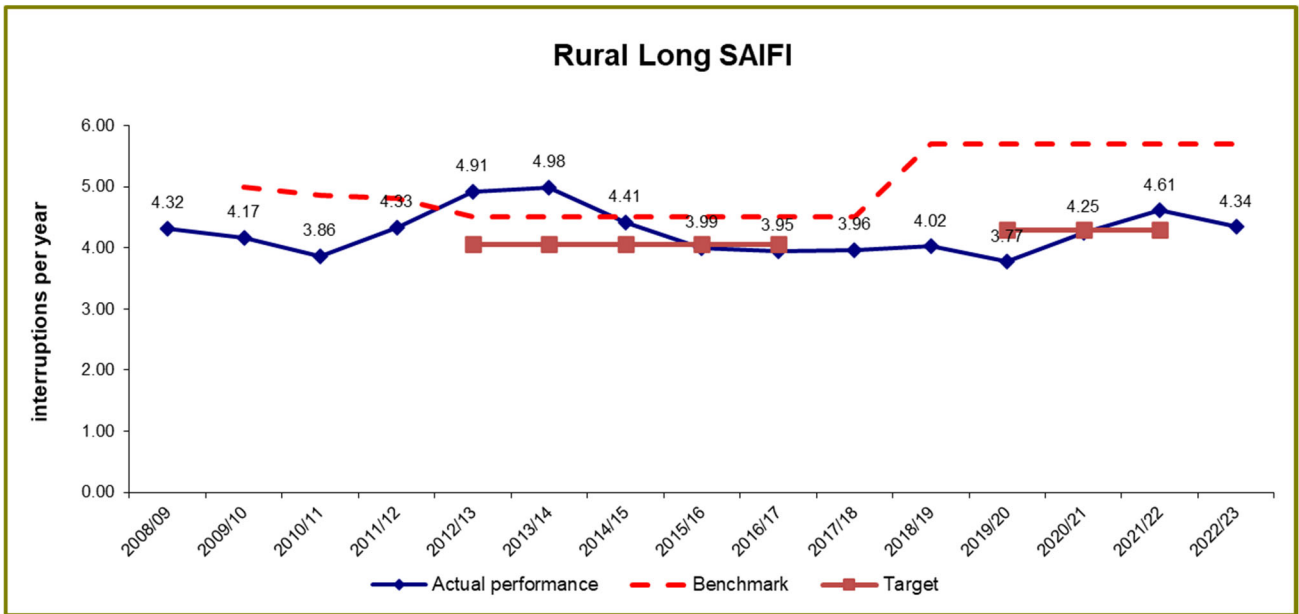
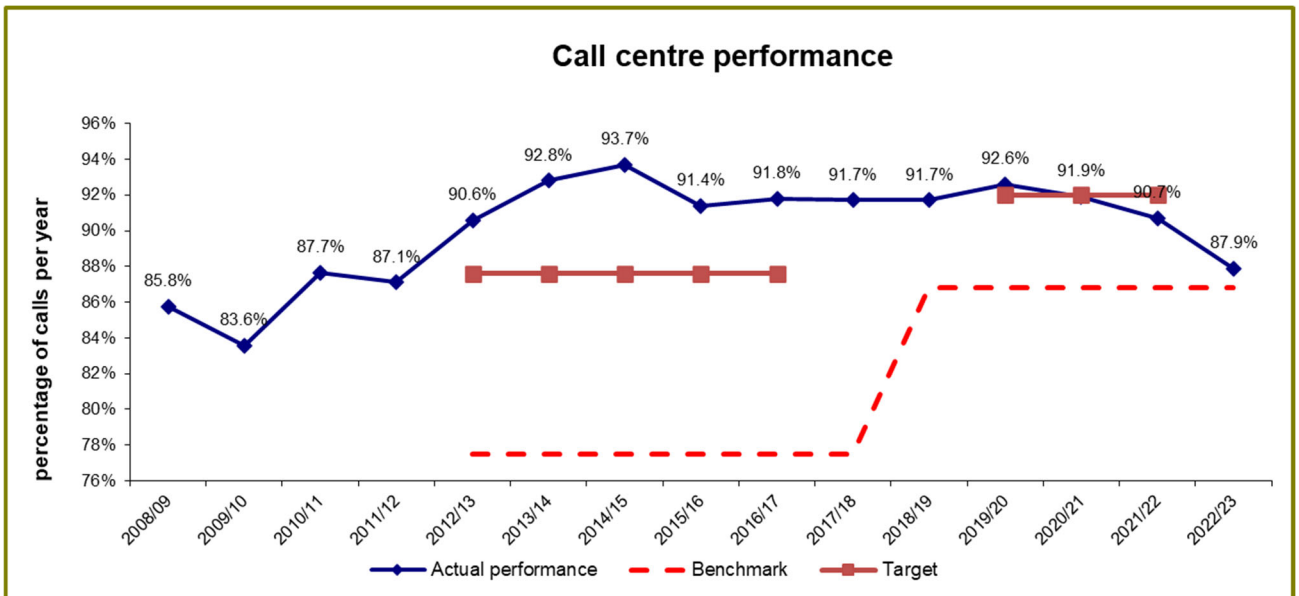


Figure A.9: Call Centre performance



## A.1.2 Transmission performance

- Figure A.10 shows the circuit availability.
- Figure A.11 and Figure A.12 show the LoSEF for  $> 0.1$  &  $\leq 1.0$  and  $> 1.0$  System Minutes.
- Figure A.13 shows the average outage duration.

Figure A.10: Circuit availability

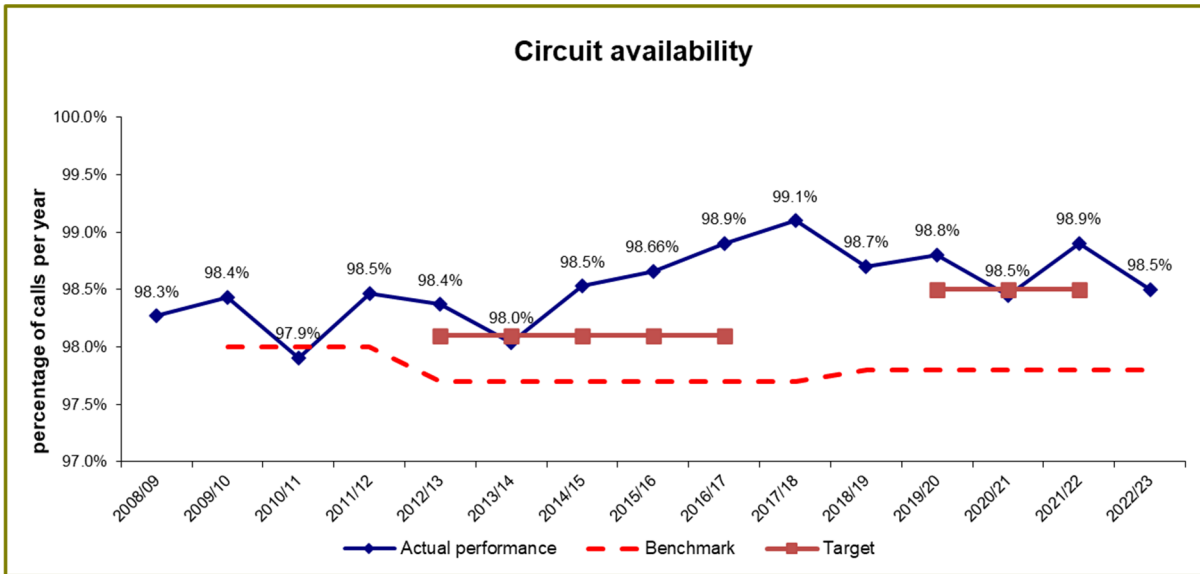


Figure A.11: Loss of supply event frequency  $> 0.1$  &  $\leq 1.0$  System Minutes Interrupted

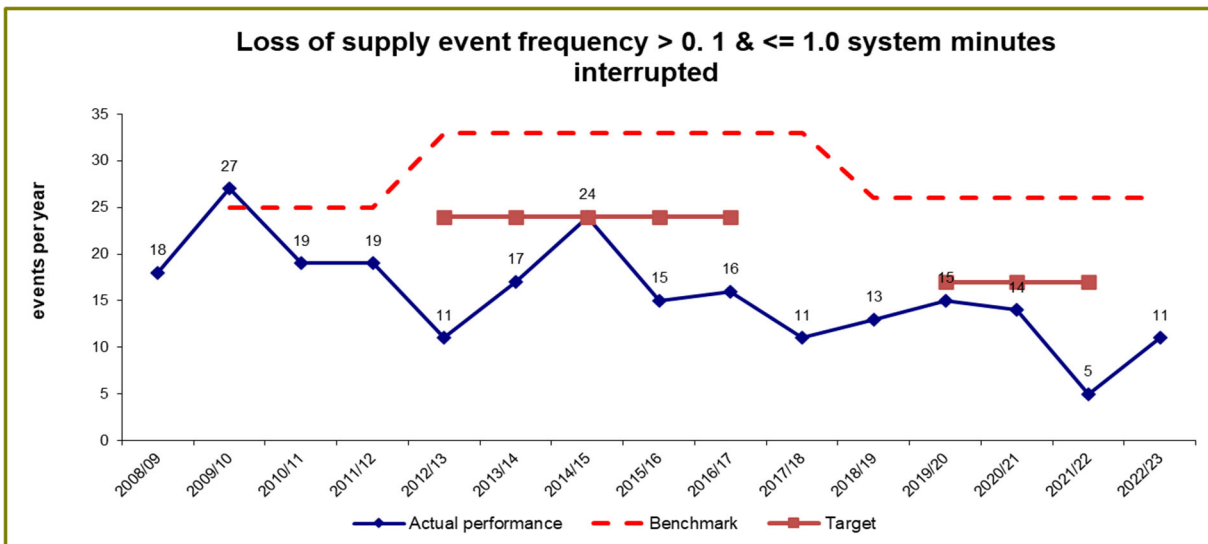


Figure A.12: Loss of supply event frequency > 1 System Minutes Interrupted

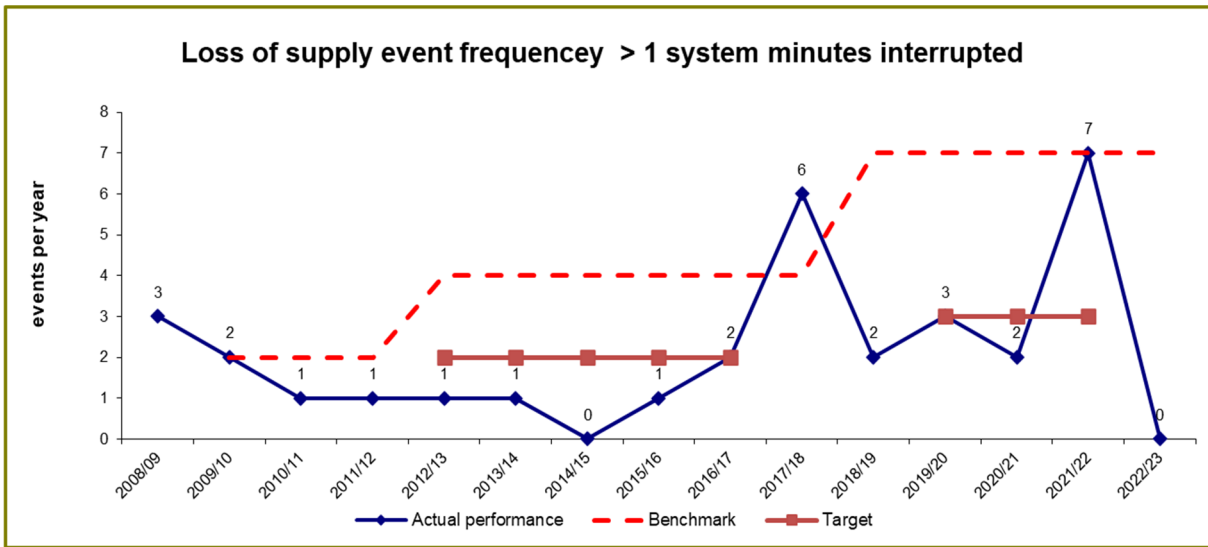
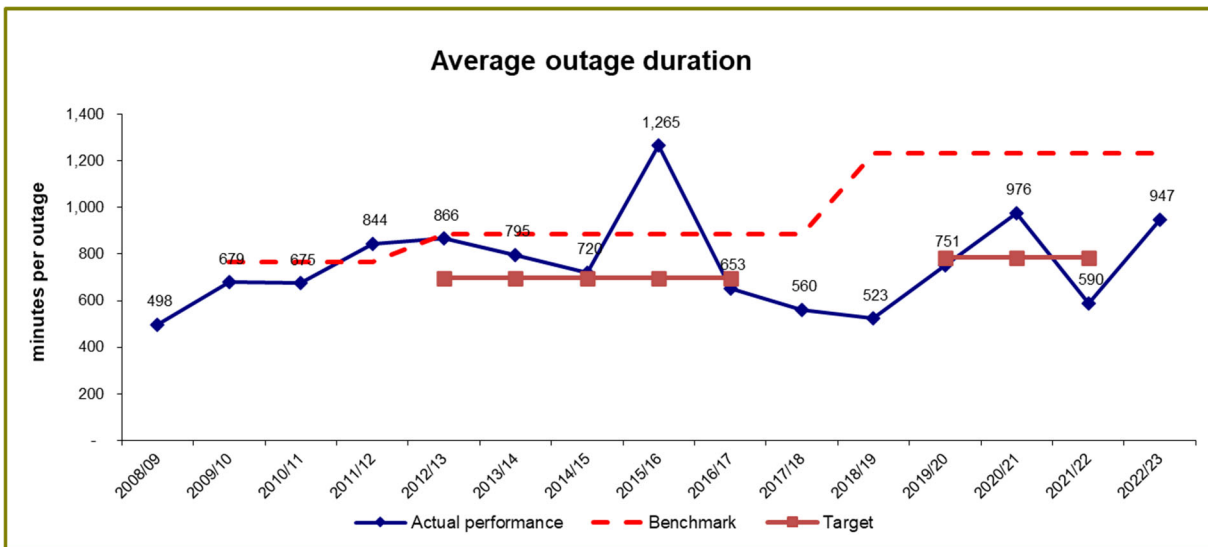


Figure A.13: Average outage duration



### A.1.3 Street lighting repair time

Figure A.14 and Figure A.15 show the street lighting repair time for the metropolitan and regional areas (excluding underground cable faults).

Figure A.14: Street lighting repair time – Metropolitan area

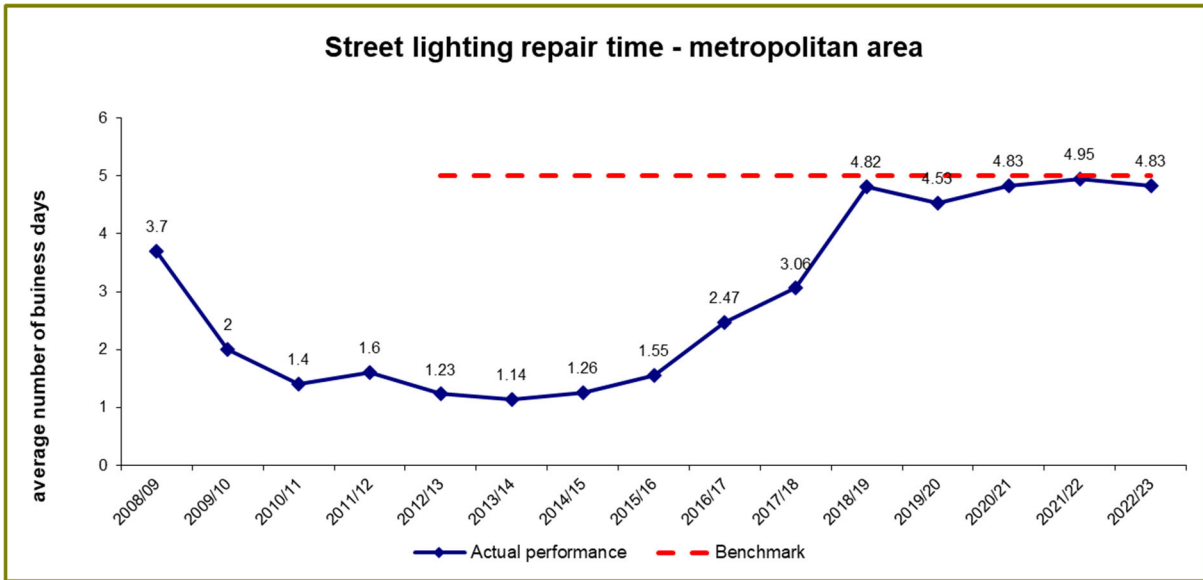
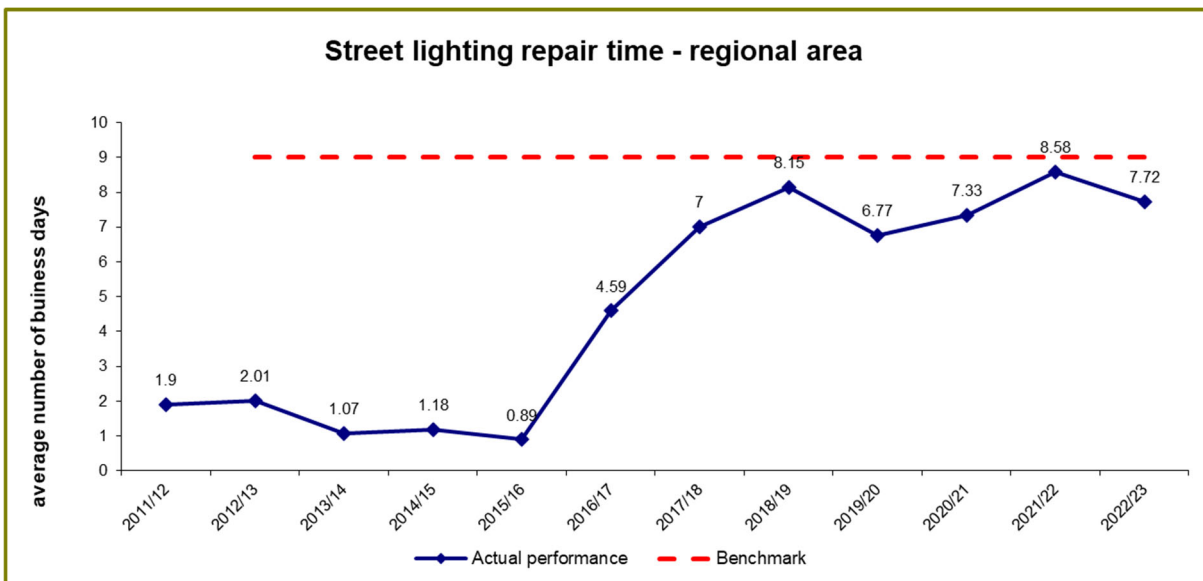
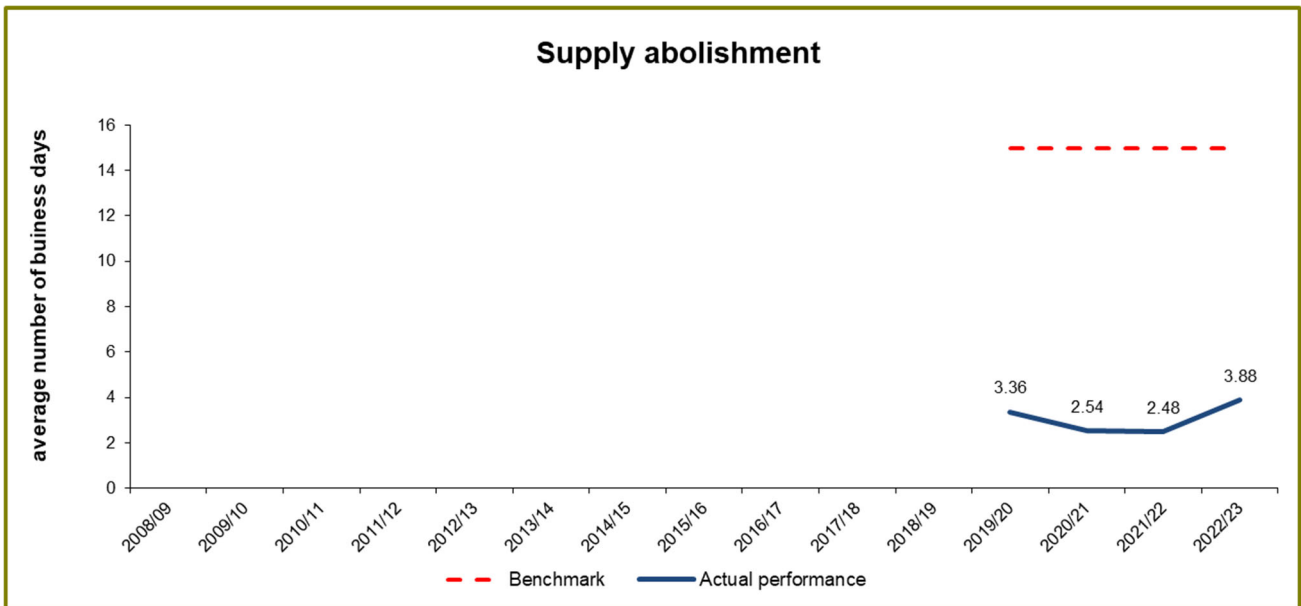


Figure A.15: Street lighting repair time – Regional area



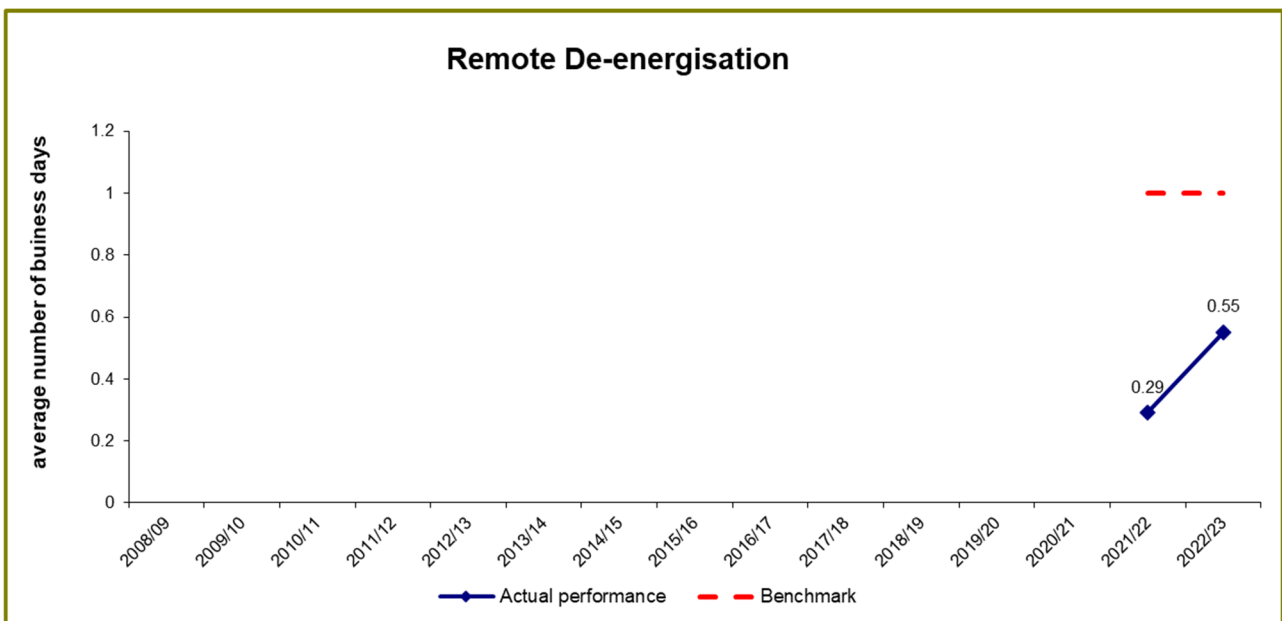
### A.1.4 Supply abolishment

Figure A.16: Supply abolishment



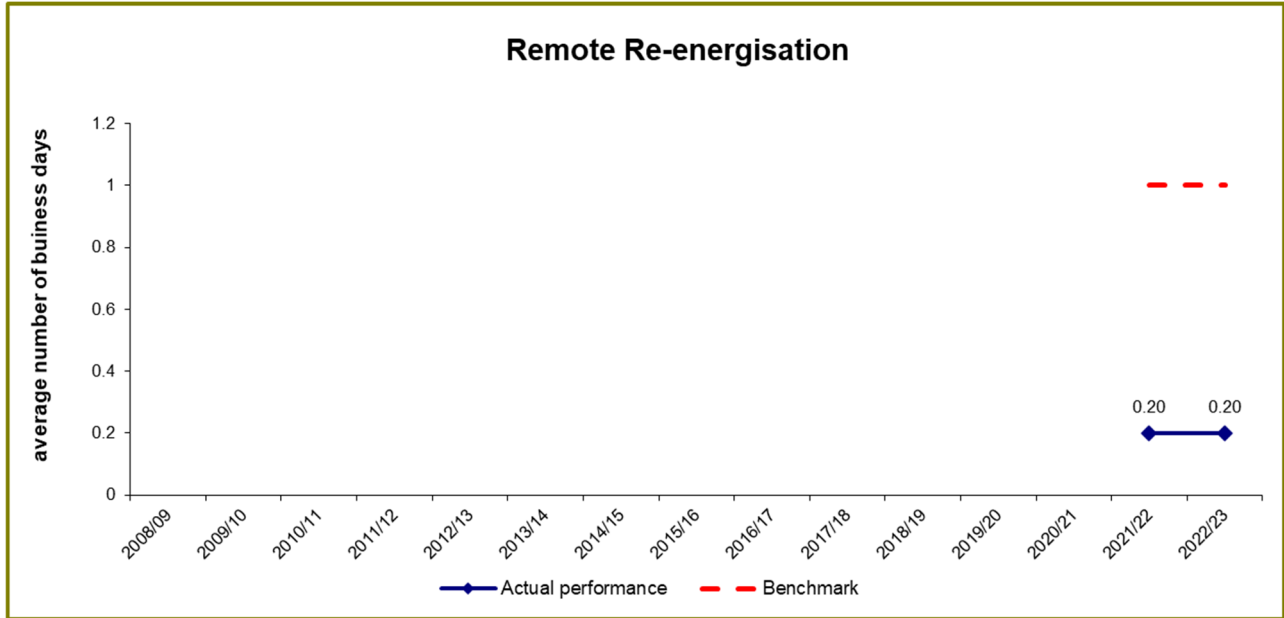
### A.1.5 Remote De-energisation

Figure A.17: Remote De-energisation



## A.1.6 Remote Re-energisation

Figure A.18: Remote Re-energisation



# Appendix B

B1 - Reliability (SAIDI & SAIFI) by individual feeder

B2 - Reliability (SAIDI & SAIFI) by Local Government Authority



# B1 - Reliability (SAIDI & SAIFI) by individual feeder

The Western Power distribution network consists of over 800 feeders, and Appendix B1 provides data for 716 of these feeders that:

- have existed for a period greater than 6 months in the Western Power database; and
- served 10 or more customers during June 2023

The table shows the estimated SAIDI and SAIFI performance per feeder and LGA.

If the feeder has had customers for a period greater than 6 months but less than 12 months, the SAIDI and SAIFI are “annualised” to represent a 12-month figure during the 2022/23 financial year.

Local Government Areas (LGAs) are shown against a feeder if more than 2% of the feeder’s customers are in the said LGA.

SAIDI & SAIFI reliability measures are designed for large volumes and are less precise and more volatile at more disaggregated levels, given that customers may be switched between feeders (and potentially LGAs and Regulatory Categories<sup>8</sup>) several times during the year due to network reconfigurations, augmentations and fault management operations and because the network topography does not always neatly align with LGA boundaries.

The reliability data is based on the information and network configurations recorded at the time of reporting. Whilst the information is correct at an aggregate level, network reconfigurations are not captured in real time and the lag may impact reliability data disaggregated by feeder, LGA and Regulatory Category.

## **Definitions of the terms used in the below table:**

SAIDI	System Average Interruption Duration Index
SAIDI SSB	System Average Interruption Duration Index – Service Standard Benchmark
SAIFI	System Average Interruption Frequency Index
SAIFI SSB	System Average Interruption Frequency Index - Service Standard Benchmark
SCNRRR	Steering Committee on National Regulatory Reporting Requirements, which define feeder categories as either CBD, Urban, Rural Short and Rural Long

<sup>8</sup> Regulatory Categories include Rural Long, Rural Short, Urban and CBD. It is possible for a network reconfiguration change for asset replacements, augmentations or operational switching to result in a change in classification during the period. For example, from Rural Short to Urban or vice versa.

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
A 502.0 WYCHROSS ST	Urban	Total - City of Stirling	3,090	20.3	130.6	0.10	1.27
A 503.0 ARKANA RD EAST	Urban	Total - City of Stirling	8,253	92.4	130.6	1.91	1.27
A 505.0 CURLINGTON CRES	Urban	Total - City of Stirling	1,593	72.6	130.6	0.54	1.27
A 506.0 WADHURST ST	Urban	City of Wanneroo	2,971	541.1	130.6	5.86	1.27
A 506.0 WADHURST ST	Urban	City of Stirling	1,351	596.3	130.6	6.46	1.27
A 510.0 WILMINGTON CR L/S	Urban	Total - City of Stirling	1,931	29.1	130.6	0.14	1.27
A 511.0 WALDERTON AVE	Urban	Total - City of Stirling	2,799	127.4	130.6	2.18	1.27
A 513.0 STORRINGTON CRES	Urban	Total - City of Stirling	788	419.1	130.6	2.76	1.27
A 514.0 ARKANA WEST	Urban	Total - City of Stirling	2,187	249.8	130.6	5.47	1.27
ALB 504.0 TIMEWELL	Rural Short	Total - City of Albany	2,820	202.2	215.4	1.85	2.34
ALB 505.0 LANCASTER	Rural Short	Total - City of Albany	4,658	87.9	215.4	1.29	2.34
ALB 508.0 GLADVILLE	Rural Short	Total - City of Albany	4,571	174.4	215.4	4.61	2.34
ALB 512.0 ALBANY HIGHWAY SOUTH	Rural Short	Total - City of Albany	5,047	563.5	215.4	6.79	2.34
ALB 514.0 WILLYUNG	Rural Long	City of Albany	1,466	298.5	848.3	3.47	5.70
ALB 514.0 WILLYUNG	Rural Long	Shire of Jerramungup	745	378.0	848.3	4.39	5.70
ALB 517.0 CRANBROOK	Rural Short	Shire of Plantagenet	40	686.8	215.4	4.13	2.34
ALB 517.0 CRANBROOK	Rural Short	City of Albany	23	635.6	215.4	3.83	2.34
ALB 518.0 MT BARKER	Rural Short	City of Albany	217	702.7	215.4	5.17	2.34
ALB 518.0 MT BARKER	Rural Short	Shire of Plantagenet	27	679.1	215.4	5.00	2.34
ALB 520.0 DENMARK	Rural Long	Shire of Denmark	1,795	524.2	848.3	4.44	5.70
ALB 520.0 DENMARK	Rural Long	Shire of Manjimup	590	1,218.9	848.3	10.31	5.70
ALB 520.0 DENMARK	Rural Long	City of Albany	234	371.9	848.3	3.15	5.70
ALB 530.0 LOWER DENMARK	Rural Long	Shire of Denmark	2,226	414.6	848.3	4.69	5.70
ALB 530.0 LOWER DENMARK	Rural Long	City of Albany	1,038	351.8	848.3	3.98	5.70
ALB 530.0 LOWER DENMARK	Rural Long	Total	3,264	394.6	848.3	4.47	5.70
AMT 503.0 36 WATKINS ST	Urban	City of Fremantle	2,442	32.0	130.6	0.17	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
AMT 503.0 36 WATKINS ST	Urban	City of Cockburn	66	0.0	130.6	0.00	1.27
AMT 503.0 36 WATKINS ST	Urban	Total	2,530	31.1	130.6	0.17	1.27
AMT 504.0 L1819 BLINCO ST RMU	Urban	Total - City of Melville	4,266	49.2	130.6	0.11	1.27
AMT 506.0 2 ABSOLON ST RMU	Urban	Total - City of Melville	3,190	52.2	130.6	0.18	1.27
AMT 507.0 5 HALE ST	Urban	City of Cockburn	1,307	17.1	130.6	0.09	1.27
AMT 507.0 5 HALE ST	Urban	City of Fremantle	41	0.0	130.6	0.00	1.27
AMT 507.0 5 HALE ST	Urban	Total	1,348	16.6	130.6	0.08	1.27
AMT 512.0 LEFROY RD	Urban	City of Cockburn	2,567	14.4	130.6	0.07	1.27
AMT 512.0 LEFROY RD	Urban	City of Fremantle	1,247	60.7	130.6	0.30	1.27
AMT 512.0 LEFROY RD	Urban	Total	3,814	29.6	130.6	0.15	1.27
AMT 519.0 72 LEACH HWY	Urban	Total - City of Melville	1,763	3.1	130.6	0.03	1.27
AMT 520.0 STEVENS ST	Urban	City of Melville	979	115.9	130.6	0.15	1.27
AMT 520.0 STEVENS ST	Urban	Town of East Fremantle	880	170.3	130.6	0.22	1.27
AMT 520.0 STEVENS ST	Urban	City of Fremantle	420	920.9	130.6	1.21	1.27
AMT 520.0 STEVENS ST	Urban	Total	2,279	262.7	130.6	0.34	1.27
AMT 523.0 L128 KNUSTSFORD ST	Urban	Town of East Fremantle	2,047	0.0	130.6	0.00	1.27
AMT 523.0 L128 KNUSTSFORD ST	Urban	City of Fremantle	973	0.0	130.6	0.00	1.27
AMT 523.0 L128 KNUSTSFORD ST	Urban	Total	3,021	0.0	130.6	0.00	1.27
APM 503.0 L50 PHOENIX RD	Urban	Total - City of Cockburn	2,721	1.0	130.6	0.02	1.27
APM 504.0 179 NORTH LAKE RD 1	Rural Short	Total - City of Cockburn	2,912	409.0	215.4	4.00	2.34
APM 511.0 L212 SUDLOW ST	Urban	City of Cockburn	4,458	73.5	130.6	0.28	1.27
APM 511.0 L212 SUDLOW ST	Urban	City of Fremantle	1,012	20.9	130.6	0.08	1.27
APM 511.0 L212 SUDLOW ST	Urban	Total	5,470	63.4	130.6	0.24	1.27
APM 513.0 SPEARWOOD AVE	Urban	Total - City of Cockburn	1,175	33.8	130.6	1.02	1.27
BCH 501.0 BENARA RD WEST	Urban	City of Bayswater	2,497	76.0	130.6	0.28	1.27
BCH 501.0 BENARA RD WEST	Urban	City of Stirling	817	120.3	130.6	0.44	1.27
BCH 501.0 BENARA RD WEST	Urban	Total	3,319	86.9	130.6	0.32	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
BCH 505.0 BENNETT SPRINGS DR	Rural Short	Total - City of Swan	2,827	83.3	215.4	1.19	2.34
BCH 506.0 WANDOO	Urban	City of Swan	4,050	206.8	130.6	2.89	1.27
BCH 506.0 WANDOO	Urban	City of Bayswater	216	130.7	130.6	1.83	1.27
BCH 506.0 WANDOO	Urban	Total	4,266	203.4	130.6	2.85	1.27
BCH 508.0 WIDGEE RD WEST	Urban	City of Bayswater	1,302	90.1	130.6	0.31	1.27
BCH 508.0 WIDGEE RD WEST	Urban	City of Swan	412	1.3	130.6	0.00	1.27
BCH 508.0 WIDGEE RD WEST	Urban	Total	1,714	68.6	130.6	0.24	1.27
BCH 509.0 BEECHBORO RD NORTH	Urban	Total - City of Swan	4,674	88.0	130.6	3.51	1.27
BCH 514.0 DELLA RD	Urban	Total - City of Swan	541	0.0	130.6	0.00	1.27
BCH 516.0 BEECHBORO RD SOUTH	Urban	Total - City of Bayswater	3,290	408.4	130.6	2.48	1.27
BCH 518.0 122 BENARA RD	Rural Short	City of Swan	2,720	250.0	215.4	2.10	2.34
BCH 518.0 122 BENARA RD	Rural Short	City of Bayswater	424	0.1	215.4	0.00	2.34
BCH 518.0 122 BENARA RD	Rural Short	Total	3,144	217.4	215.4	1.82	2.34
BCT 504.0 33 HENDON WAY RMU	Urban	City of Joondalup	1,378	428.0	130.6	3.38	1.27
BCT 504.0 33 HENDON WAY RMU	Urban	City of Stirling	1,170	280.7	130.6	2.22	1.27
BCT 504.0 33 HENDON WAY RMU	Urban	Total	2,548	360.2	130.6	2.84	1.27
BCT 505.0 BUNNINGS RMU	Urban	Total - City of Stirling	647	116.9	130.6	1.72	1.27
BCT 536.0 163 BALCATTIA RD RMU	Urban	Total - City of Stirling	935	0.0	130.6	0.00	1.27
BEL 502.0 BELGRAVIA ST	Urban	Total - City of Belmont	862	16.6	130.6	0.25	1.27
BEL 504.0 DALY ST/BELMONT PUMP	Urban	Total - City of Belmont	4,059	212.2	130.6	2.13	1.27
BEL 505.0 BELMONT AVE	Urban	Total - City of Belmont	925	311.0	130.6	0.38	1.27
BEL 508.0 FREDERICK ST	Urban	Total - City of Belmont	1,805	102.1	130.6	1.11	1.27
BEL 510.0 FISHER ST	Urban	Total - City of Belmont	516	8.5	130.6	0.07	1.27
BEL 511.0 WRIGHT ST	Urban	Total - City of Belmont	1,424	87.4	130.6	0.48	1.27
BEL 514.0 GIBBS ST	Urban	Total - City of Belmont	2,075	163.7	130.6	1.19	1.27
BEL 517.0 AIRPORT NO1	Urban	Total - City of Belmont	1,596	412.4	130.6	4.34	1.27
BIB 504.0 ROCKINGHAM RD	Urban	Total - City of Cockburn	3,008	479.9	130.6	6.59	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
BIB 505.0 L4 BUCKLEY ST RMU	Rural Short	Total - City of Cockburn	2,413	52.9	215.4	1.52	2.34
BIB 507.0 18 MIGUEL RD	Urban	Total - City of Cockburn	3,986	62.0	130.6	1.07	1.27
BIB 508.0 45 WELLARD RD	Urban	Total - City of Cockburn	458	11.3	130.6	0.08	1.27
BIB 536.0 L101 MIGUEL RD	Urban	Total - City of Cockburn	1,723	14.0	130.6	0.03	1.27
BIB 537.0 OPP 5 PARKS ST	Rural Short	Total - City of Cockburn	675	39.3	215.4	0.17	2.34
BIB 539.0 139 BARRINGTON ST	Urban	Total - City of Cockburn	4,658	268.9	130.6	3.47	1.27
BIB 540.0 L203 WENTWORTH PDE	Urban	Total - City of Cockburn	1,960	45.2	130.6	0.14	1.27
BKF 609.0 BROAD ARROW	Rural Short	City of Kalgoorlie-Boulder	15	46.3	215.4	1.20	2.34
BKF 609.0 BROAD ARROW	Rural Short	Shire of Menzies	1	44.0	215.4	1.13	2.34
BKF 609.0 BROAD ARROW	Rural Short	Total	16	46.0	215.4	1.19	2.34
BKF 611.0 ORA BANDA	Rural Short	City of Kalgoorlie-Boulder	20	228.6	215.4	2.22	2.34
BKF 611.0 ORA BANDA	Rural Short	Shire of Coolgardie	7	170.6	215.4	1.66	2.34
BKF 611.0 ORA BANDA	Rural Short	Shire of Menzies	1	302.6	215.4	2.94	2.34
BKF 611.0 ORA BANDA	Rural Short	Total	28	217.1	215.4	2.11	2.34
BLD 619.0 PARINGA	Rural Long	Total - City of Kalgoorlie-Boulder	128	394.2	848.3	1.06	5.70
BLD 621.0 FIMISTON	Rural Short	Total - City of Kalgoorlie-Boulder	30	763.6	215.4	2.47	2.34
BLD 623.0 NORTH KALGURLI	Urban	Total - City of Kalgoorlie-Boulder	10	809.4	130.6	11.10	1.27
BNP 521.0 BEENUP	Rural Long	Shire of Augusta-Margaret River	2,401	331.9	848.3	1.81	5.70
BNP 521.0 BEENUP	Rural Long	Shire of Nannup	57	3,324.5	848.3	18.15	5.70
BNP 521.0 BEENUP	Rural Long	Total	2,458	400.8	848.3	2.19	5.70
BOD 507.0 ALCOA	Rural Long	Shire of Boddington	973	330.2	848.3	3.43	5.70
BOD 507.0 ALCOA	Rural Long	Shire of Wandering	79	461.6	848.3	4.80	5.70
BOD 507.0 ALCOA	Rural Long	Total	1,072	340.2	848.3	3.54	5.70
BSN 505.0 LUDLOW	Rural Short	Total - City of Busselton	1,483	71.1	215.4	1.04	2.34
BSN 510.0 RENDEZVOUS	Rural Short	City of Busselton	173	2,592.0	215.4	29.21	2.34
BSN 510.0 RENDEZVOUS	Rural Short	City of Greater Geraldton	11	5,345.3	215.4	60.24	2.34
BSN 510.0 RENDEZVOUS	Rural Short	Total	184	3,192.7	215.4	35.98	2.34

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
BSN 536.0 RENDEZVOUS RD RMU	Rural Short	Total - City of Busselton	2,678	0.0	215.4	0.00	2.34
BSN 539.0 BUSSELTON	Urban	Total - City of Busselton	5,362	174.6	130.6	2.55	1.27
BSN 540.0 DUNSBOROUGH	Rural Short	Total - City of Busselton	3,962	239.5	215.4	5.85	2.34
BSN 546 BIRCHFIELDS	Rural Short	Total - City of Busselton	2,847	15.2	215.4	0.12	2.34
BSN 556.0 RENDEZVOUS RD RMU 3	Rural Short	Total - City of Busselton	3,034	198.9	215.4	1.69	2.34
BSN 557.0 MARGARET RIVER	Rural Long	Total - City of Busselton	2,414	127.8	848.3	0.68	5.70
BTN 505.0 BOYUP BROOK	Rural Long	Shire of Boyup Brook	1,031	152.0	848.3	0.53	5.70
BTN 505.0 BOYUP BROOK	Rural Long	Shire of Bridgetown-Greenbushes	510	243.7	848.3	0.86	5.70
BTN 505.0 BOYUP BROOK	Rural Long	Shire of West Arthur	35	932.7	848.3	3.28	5.70
BTN 505.0 BOYUP BROOK	Rural Long	Total	1,593	198.0	848.3	0.70	5.70
BTN 511.0 BRIDGETOWN / KIRUP	Rural Long	Shire of Bridgetown-Greenbushes	2,353	48.3	848.3	0.82	5.70
BTN 511.0 BRIDGETOWN / KIRUP	Rural Long	Shire of Donnybrook-Balingup	505	296.8	848.3	5.07	5.70
BTN 511.0 BRIDGETOWN / KIRUP	Rural Long	Total	2,858	92.4	848.3	1.58	5.70
BTN 516.0 GWALIA STH	Rural Long	Shire of Nannup	1,068	610.7	848.3	2.47	5.70
BTN 516.0 GWALIA STH	Rural Long	Shire of Bridgetown-Greenbushes	93	1,160.3	848.3	4.70	5.70
BTN 516.0 GWALIA STH	Rural Long	Total	1,186	656.3	848.3	2.66	5.70
BTY 503.0 49 BOUNDARY RD RMU	Urban	Town of Victoria Park	1,115	331.5	130.6	2.07	1.27
BTY 503.0 49 BOUNDARY RD RMU	Urban	City of Canning	1,020	592.6	130.6	3.71	1.27
BTY 503.0 49 BOUNDARY RD RMU	Urban	Total	2,135	444.8	130.6	2.78	1.27
BTY 504.0 295 MANNING RD	Urban	Total - City of South Perth	15	0.0	130.6	0.00	1.27
BTY 508.0 L4004 MANNING RD	Urban	City of Canning	1,940	36.3	130.6	0.61	1.27
BTY 508.0 L4004 MANNING RD	Urban	City of South Perth	181	0.0	130.6	0.00	1.27
BTY 508.0 L4004 MANNING RD	Urban	Total	2,121	33.2	130.6	0.56	1.27
BTY 535.0 MILLS ST	Urban	Total - City of Canning	1,839	135.0	130.6	1.13	1.27
BTY 537.0 HILLVIEW TCE	Urban	Total - City of Canning	5,080	103.4	130.6	2.18	1.27
BUH 511.0 HARBOUR NO.1	Urban	Total - City of Bunbury	825	360.5	130.6	3.38	1.27
BUH 513.0 EATON-AUSTRALIND	Rural Short	Shire of Harvey	3,204	186.5	215.4	1.53	2.34



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
BUH 513.0 EATON-AUSTRALIND	Rural Short	City of Bunbury	410	74.9	215.4	0.62	2.34
BUH 513.0 EATON-AUSTRALIND	Rural Short	Total	3,619	173.8	215.4	1.43	2.34
BUH 514.0 CAREY PARK	Urban	City of Bunbury	3,188	196.9	130.6	1.11	1.27
BUH 514.0 CAREY PARK	Urban	Shire of Capel	1,618	21.2	130.6	0.12	1.27
BUH 514.0 CAREY PARK	Urban	Total	4,806	143.6	130.6	0.81	1.27
BUH 517.0 AUSTRAL PDE	Urban	Total - City of Bunbury	880	83.9	130.6	0.56	1.27
BUH 522.0 BUNBURY CENTRAL	Urban	Total - City of Bunbury	2,602	64.1	130.6	0.15	1.27
BUH 525.0 BUNBURY SOUTH	Rural Short	City of Bunbury	1,962	56.1	215.4	1.86	2.34
BUH 525.0 BUNBURY SOUTH	Rural Short	Shire of Capel	1,715	22.8	215.4	0.76	2.34
BUH 525.0 BUNBURY SOUTH	Rural Short	Total	3,677	40.7	215.4	1.35	2.34
BUH 541.0 ROBERTSON DR	Urban	Total - City of Bunbury	1,330	109.2	130.6	1.80	1.27
BUH 551.0 BUNBURY NORTH	Urban	Total - City of Bunbury	1,912	8.7	130.6	0.08	1.27
BUH 552.0 SANDRIDGE RD	Urban	City of Bunbury	3,825	96.4	130.6	0.44	1.27
BUH 552.0 SANDRIDGE RD	Urban	Shire of Capel	982	6.3	130.6	0.03	1.27
BUH 552.0 SANDRIDGE RD	Urban	Total	4,807	75.7	130.6	0.35	1.27
BYF 503.0 ALEXANDER RMU	Urban	City of Armadale	872	219.1	130.6	2.64	1.27
BYF 503.0 ALEXANDER RMU	Urban	Shire of Serpentine-Jarrahdale	304	1,115.3	130.6	13.46	1.27
BYF 503.0 ALEXANDER RMU	Urban	Total	1,176	320.1	130.6	3.86	1.27
BYF 504.0 L54 SOUTHWEST HWY	Rural Short	Total - Shire of Serpentine-Jarrahdale	981	11.1	215.4	0.07	2.34
BYF 505.0 L19 SOUTHWEST HWY	Rural Short	Total - Shire of Serpentine-Jarrahdale	2,894	483.1	215.4	5.41	2.34
BYF 508.0 843 SOUTH WESTERN HWY	Rural Short	Total - Shire of Serpentine-Jarrahdale	1,463	144.0	215.4	1.91	2.34
BYF 510.0 HIGHWAY NORTH	Rural Short	Total - City of Armadale	2,411	200.9	215.4	0.75	2.34
BYF 515.0 BUTCHER/THOMAS RD	Urban	City of Armadale	4,925	532.6	130.6	3.98	1.27
BYF 515.0 BUTCHER/THOMAS RD	Urban	Shire of Serpentine-Jarrahdale	177	95.6	130.6	0.71	1.27
BYF 515.0 BUTCHER/THOMAS RD	Urban	Total	5,102	512.7	130.6	3.83	1.27
BYF 523.0 L4085 SUNRAYS ST	Rural Long	Total - Shire of Serpentine-Jarrahdale	2,589	370.5	848.3	6.09	5.70
BYF 524.0 L8004 ALEXANDER RD	Rural Short	Total - Shire of Serpentine-Jarrahdale	3,759	9.0	215.4	0.04	2.34

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
BYF 527.0 L906 KARDAN BVD RMU	Rural Short	Total - City of Armadale	1,340	210.9	215.4	5.16	2.34
CAP 503.0 WONNERUP	Rural Long	City of Busselton	1,830	887.9	848.3	5.95	5.70
CAP 503.0 WONNERUP	Rural Long	Shire of Capel	43	571.8	848.3	3.83	5.70
CAP 503.0 WONNERUP	Rural Long	Total	1,873	880.8	848.3	5.90	5.70
CAP 509.0 YOGANUP	Rural Long	Shire of Donnybrook-Balingup	1,742	454.4	848.3	4.76	5.70
CAP 509.0 YOGANUP	Rural Long	Shire of Capel	727	258.5	848.3	2.71	5.70
CAP 509.0 YOGANUP	Rural Long	Total	2,494	396.6	848.3	4.15	5.70
CAP 511.0 BOYANUP/CAPEL	Rural Long	Total - Shire of Capel	1,991	325.7	848.3	5.59	5.70
CAR 503.0 WALGOOLAN WATER CORP	Urban	Shire of Westonia	143	615.1	130.6	1.26	1.27
CAR 503.0 WALGOOLAN WATER CORP	Urban	Shire of Merredin	12	3,395.1	130.6	6.97	1.27
CAR 503.0 WALGOOLAN WATER CORP	Urban	Total	157	834.7	130.6	1.71	1.27
CC 501.0 RUSSELL RD WEST	Rural Short	Total - City of Cockburn	2,600	193.2	215.4	5.53	2.34
CC 502.0 STATION RMU	Urban	Total - City of Cockburn	1,002	90.4	130.6	1.70	1.27
CC 505.0 CHANNEL CL	Urban	Total - City of Cockburn	41	1,178.0	130.6	5.17	1.27
CC 507.0 HAMMOND RD	Urban	Total - City of Cockburn	3,652	222.0	130.6	1.99	1.27
CC 509.0 JERVOISE BAY	Urban	Total - City of Cockburn	186	316.2	130.6	5.06	1.27
CC 515.0 RUSSELL RD EAST	Urban	Total - City of Cockburn	3,063	131.8	130.6	1.21	1.27
CC 516.0 11 SPARKS RD	Urban	Total - City of Cockburn	42	219.2	130.6	0.26	1.27
CK 301.0 223 RUPERT ST/102 RAILWAY	Urban	City of Subiaco	944	27.2	130.6	0.18	1.27
CK 301.0 223 RUPERT ST/102 RAILWAY	Urban	City of Perth	26	0.0	130.6	0.00	1.27
CK 301.0 223 RUPERT ST/102 RAILWAY	Urban	Total	970	26.5	130.6	0.17	1.27
CK 303.0 61 THOMAS ST	Urban	Town of Cambridge	284	0.0	130.6	0.00	1.27
CK 303.0 61 THOMAS ST	Urban	City of Subiaco	127	0.0	130.6	0.00	1.27
CK 303.0 61 THOMAS ST	Urban	City of Perth	97	0.0	130.6	0.00	1.27
CK 303.0 61 THOMAS ST	Urban	Total	508	0.0	130.6	0.00	1.27
CK 305.0 50 COLIN ST	Urban	City of Subiaco	171	199.5	130.6	0.01	1.27
CK 305.0 50 COLIN ST	Urban	City of Perth	74	0.0	130.6	0.00	1.27



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
CK 305.0 50 COLIN ST	Urban	Total	245	138.0	130.6	0.00	1.27
CK 307.0 1008 WELLINGTON/16 RHEOLA	Urban	City of Perth	793	37.9	130.6	0.10	1.27
CK 307.0 1008 WELLINGTON/16 RHEOLA	Urban	City of Subiaco	72	169.1	130.6	0.43	1.27
CK 307.0 1008 WELLINGTON/16 RHEOLA	Urban	Total	865	48.6	130.6	0.12	1.27
CK 311.0 1260 HAY ST	Urban	Total - City of Perth	147	0.0	130.6	0.00	1.27
CK 313.0 PMH ZONE 1	Urban	Total - City of Subiaco	244	65.7	130.6	0.22	1.27
CK 316.0 L427 ROBERTS RD	Urban	City of Subiaco	288	0.0	130.6	0.00	1.27
CK 316.0 L427 ROBERTS RD	Urban	City of Perth	157	0.0	130.6	0.00	1.27
CK 316.0 L427 ROBERTS RD	Urban	Total	445	0.0	130.6	0.00	1.27
CK 337.0 1195 HAY ST/THOMAS ST	Urban	Town of Cambridge	844	44.3	130.6	0.04	1.27
CK 337.0 1195 HAY ST/THOMAS ST	Urban	City of Perth	450	0.8	130.6	0.00	1.27
CK 337.0 1195 HAY ST/THOMAS ST	Urban	Total	1,294	29.5	130.6	0.03	1.27
CK 339.0 111 COLIN ST/1303 HAY ST	Urban	Total - City of Perth	169	0.0	130.6	0.00	1.27
CK 341.0 1297 HAY ST/300 HAMERSLEY	Urban	City of Subiaco	1,271	0.0	130.6	0.00	1.27
CK 341.0 1297 HAY ST/300 HAMERSLEY	Urban	City of Perth	126	0.0	130.6	0.00	1.27
CK 341.0 1297 HAY ST/300 HAMERSLEY	Urban	Total	1,397	0.0	130.6	0.00	1.27
CK 343.0 35 BARKER RD	Urban	City of Subiaco	1,499	332.4	130.6	0.62	1.27
CK 343.0 35 BARKER RD	Urban	Town of Cambridge	443	0.0	130.6	0.00	1.27
CK 343.0 35 BARKER RD	Urban	Total	1,945	257.3	130.6	0.48	1.27
CK 347.0 1178 AND 1324 HAY ST	Urban	Total - City of Perth	279	9.2	130.6	0.05	1.27
CK 349.0 90 ROBERTS RD	Urban	Total - City of Subiaco	297	0.0	130.6	0.00	1.27
CK 352.0 69 OUTRAM ST	Urban	City of Subiaco	833	48.0	130.6	0.09	1.27
CK 352.0 69 OUTRAM ST	Urban	City of Perth	175	4.1	130.6	0.01	1.27
CK 352.0 69 OUTRAM ST	Urban	Total	1,008	40.2	130.6	0.07	1.27
CK 354.0 197 HAY ST	Urban	City of Subiaco	819	26.9	130.6	0.07	1.27
CK 354.0 197 HAY ST	Urban	City of Perth	552	0.0	130.6	0.00	1.27
CK 354.0 197 HAY ST	Urban	Total	1,371	16.0	130.6	0.04	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
CKN 504.0 81 TAPPING WAY	Urban	Total - City of Wanneroo	3,254	3.4	130.6	0.04	1.27
CKN 505.0 L1001 GLOBAL RD	Urban	Total - City of Wanneroo	377	0.0	130.6	0.00	1.27
CKN 507.0 L8 MARMION AVE	Urban	Total - City of Wanneroo	3,603	8.7	130.6	0.04	1.27
CKN 508.0 BELLPORT 1 RMU	Urban	Total - City of Wanneroo	3,174	150.7	130.6	1.38	1.27
CKN 536.0 OPP 2 RIDGEWOOD BVD RMU	Urban	Total - City of Wanneroo	3,514	81.7	130.6	1.03	1.27
CKN 539.0 L229 WALYUNGA BVD	Urban	Total - City of Wanneroo	2,499	179.5	130.6	1.99	1.27
CKN 540.0 L476 HIDDEN VALLEY RTT	Urban	Total - City of Wanneroo	4,304	395.7	130.6	6.57	1.27
CL 303.0 180 MILL POINT RD	Urban	Total - City of South Perth	731	174.2	130.6	1.52	1.27
CL 304.0 BERWICK ST	Urban	Town of Victoria Park	2,726	1.7	130.6	0.03	1.27
CL 304.0 BERWICK ST	Urban	City of South Perth	128	0.0	130.6	0.00	1.27
CL 304.0 BERWICK ST	Urban	Total	2,854	1.6	130.6	0.02	1.27
CL 305.0 34 KAROO ST	Urban	Total - City of South Perth	1,284	0.0	130.6	0.00	1.27
CL 306.0 AMHERST ST B	Urban	Total - City of South Perth	965	0.3	130.6	0.00	1.27
CL 311.0 YORK ST	Urban	Total - City of South Perth	961	0.0	130.6	0.00	1.27
CL 312.0 45 FORREST/64 MILL POINT	Urban	City of South Perth	618	72.9	130.6	0.74	1.27
CL 312.0 45 FORREST/64 MILL POINT	Urban	Town of Victoria Park	327	0.7	130.6	0.01	1.27
CL 312.0 45 FORREST/64 MILL POINT	Urban	Total	945	47.3	130.6	0.48	1.27
CL 315.0 AMHERST ST A	Urban	Total - City of South Perth	1,814	1.8	130.6	0.02	1.27
CL 316.0 155 MILL POINT RD	Urban	Total - City of South Perth	1,244	254.9	130.6	2.57	1.27
CLP 502.0 CLIFTON	Rural Short	Total - Shire of Waroona	63	0.0	215.4	0.00	2.34
CLP 508.0 DWELLINGUP	Rural Short	Shire of Murray	31	0.0	215.4	0.00	2.34
CLP 508.0 DWELLINGUP	Rural Short	City of Busselton	31	0.0	215.4	0.00	2.34
CLP 508.0 DWELLINGUP	Rural Short	Total	61	0.0	215.4	0.00	2.34
CLP 510.0 PINJARRA	Rural Short	Total - Shire of Murray	45	0.0	215.4	0.00	2.34
CO 504.0 CARDIFF	Rural Long	Shire of Collie	1,019	128.6	848.3	0.66	5.70
CO 504.0 CARDIFF	Rural Long	Shire of Donnybrook-Balingup	122	1,421.3	848.3	7.32	5.70
CO 504.0 CARDIFF	Rural Long	Total	1,170	265.2	848.3	1.37	5.70

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
CO 506.0 COLLIE BURN	Rural Short	Total - Shire of Collie	605	22.9	215.4	0.70	2.34
CO 508.0 SHOTTS	Rural Short	Total - Shire of Collie	443	2.2	215.4	0.10	2.34
CO 513.0 BINGHAM CREEK	Rural Short	Total - Shire of Collie	2,159	16.3	215.4	0.55	2.34
CO 515.0 ALWEST	Rural Short	Total - Shire of Collie	100	0.0	215.4	0.00	2.34
CO 517.0 WELLINGTON DAM	Rural Short	Shire of Collie	307	31.0	215.4	0.15	2.34
CO 517.0 WELLINGTON DAM	Rural Short	Shire of Dardanup	25	631.6	215.4	3.10	2.34
CO 517.0 WELLINGTON DAM	Rural Short	Total	332	77.4	215.4	0.38	2.34
COL 304.0 THROSSELL ST	Urban	Total - City of South Perth	1,668	187.3	130.6	0.24	1.27
COL 305.0 101 THELMA ST	Urban	Total - City of South Perth	289	9.7	130.6	0.24	1.27
COL 307.0 17 DICK PARRY AVE	Urban	City of South Perth	422	65.9	130.6	0.45	1.27
COL 307.0 17 DICK PARRY AVE	Urban	City of Canning	382	0.0	130.6	0.00	1.27
COL 307.0 17 DICK PARRY AVE	Urban	Town of Victoria Park	80	2.7	130.6	0.02	1.27
COL 307.0 17 DICK PARRY AVE	Urban	Total	885	31.9	130.6	0.22	1.27
COL 308.0 RYRIE AVE	Urban	City of South Perth	140	0.0	130.6	0.00	1.27
COL 308.0 RYRIE AVE	Urban	Town of Victoria Park	115	0.0	130.6	0.00	1.27
COL 308.0 RYRIE AVE	Urban	Total	255	0.0	130.6	0.00	1.27
COL 316.0 2 AXFORD ST	Urban	Total - City of South Perth	1,805	0.1	130.6	0.00	1.27
COL 317.0 40 CLYDESDALE ST	Urban	Total - City of South Perth	1,332	17.8	130.6	0.19	1.27
COL 326.0 101 THELMA ST 1	Urban	Town of Victoria Park	739	220.8	130.6	0.53	1.27
COL 326.0 101 THELMA ST 1	Urban	City of South Perth	101	0.0	130.6	0.00	1.27
COL 326.0 101 THELMA ST 1	Urban	Total	840	194.0	130.6	0.47	1.27
COL 327.0 13 COLLINS ST	Urban	Total - City of South Perth	1,774	0.3	130.6	0.00	1.27
COL 335.0 1 MORRISON ST	Urban	Total - City of South Perth	1,555	0.3	130.6	0.00	1.27
COL 337.0 1 CLYDESDALE ST	Urban	Total - City of South Perth	2,346	67.8	130.6	0.22	1.27
COL 339.0 56 SAUNDERS ST	Urban	Total - City of South Perth	2,193	3.3	130.6	0.05	1.27
COL 340.0 OPP 24 MONASH AVE	Urban	City of South Perth	331	0.0	130.6	0.00	1.27
COL 340.0 OPP 24 MONASH AVE	Urban	Town of Victoria Park	282	132.8	130.6	0.58	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
COL 340.0 OPP 24 MONASH AVE	Urban	Total	613	60.9	130.6	0.27	1.27
CPN 315.0 BLUFF POINT	Urban	Total - City of Greater Geraldton	1,188	27.3	130.6	0.16	1.27
CPN 316.0 WAGGRAKINE	Rural Short	Total - City of Greater Geraldton	1,214	73.5	215.4	0.71	2.34
CPN 318.0 504 N/WEST COASTAL HWY	Rural Short	Total - City of Greater Geraldton	654	7.8	215.4	0.06	2.34
CPN 319.0 WEBBERTON	Rural Short	Total - City of Greater Geraldton	677	7.1	215.4	0.02	2.34
CPN 326.0 SPALDING L/S	Rural Short	Total - City of Greater Geraldton	792	38.3	215.4	0.39	2.34
CPN 336.0 980 CHAPMAN RD	Rural Short	Total - City of Greater Geraldton	955	13.3	215.4	0.15	2.34
CTE 302.0 14 ATHELSTAN RD	Urban	Town of Cottesloe	392	52.4	130.6	0.10	1.27
CTE 302.0 14 ATHELSTAN RD	Urban	Town of Claremont	242	0.0	130.6	0.00	1.27
CTE 302.0 14 ATHELSTAN RD	Urban	Total	634	32.3	130.6	0.06	1.27
CTE 304.0 L24 VIEW ST	Urban	Town of Claremont	368	89.8	130.6	0.18	1.27
CTE 304.0 L24 VIEW ST	Urban	Shire of Peppermint Grove	74	2.6	130.6	0.01	1.27
CTE 304.0 L24 VIEW ST	Urban	Town of Cottesloe	28	0.0	130.6	0.00	1.27
CTE 304.0 L24 VIEW ST	Urban	Total	471	70.2	130.6	0.14	1.27
CTE 306.0 9 DEAN ST/120BROOM	Urban	Town of Cottesloe	1,462	10.2	130.6	0.02	1.27
CTE 306.0 9 DEAN ST/120BROOM	Urban	Town of Claremont	1,119	0.8	130.6	0.00	1.27
CTE 306.0 9 DEAN ST/120BROOM	Urban	City of Nedlands	601	120.7	130.6	0.22	1.27
CTE 306.0 9 DEAN ST/120BROOM	Urban	Total	3,181	27.8	130.6	0.05	1.27
CTE 309.0 183 CURTIN AVE/WELLINGTON	Urban	Town of Mosman Park	554	111.0	130.6	1.00	1.27
CTE 309.0 183 CURTIN AVE/WELLINGTON	Urban	City of Fremantle	421	114.8	130.6	1.04	1.27
CTE 309.0 183 CURTIN AVE/WELLINGTON	Urban	Town of Cottesloe	306	130.5	130.6	1.18	1.27
CTE 309.0 183 CURTIN AVE/WELLINGTON	Urban	Total	1,282	116.9	130.6	1.06	1.27
CTE 310.0 31 JARRAD ST	Urban	Shire of Peppermint Grove	363	84.2	130.6	0.29	1.27
CTE 310.0 31 JARRAD ST	Urban	Town of Mosman Park	186	24.4	130.6	0.09	1.27
CTE 310.0 31 JARRAD ST	Urban	Town of Cottesloe	98	0.0	130.6	0.00	1.27
CTE 310.0 31 JARRAD ST	Urban	Total	648	54.1	130.6	0.19	1.27
CTE 317.0 47 BROOME ST/1 STATION ST	Urban	Town of Cottesloe	1,517	92.9	130.6	1.93	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
CTE 317.0 47 BROOME ST/1 STATION ST	Urban	Town of Mosman Park	310	125.6	130.6	2.61	1.27
CTE 317.0 47 BROOME ST/1 STATION ST	Urban	Shire of Peppermint Grove	81	90.5	130.6	1.88	1.27
CTE 317.0 47 BROOME ST/1 STATION ST	Urban	Total	1,909	98.1	130.6	2.04	1.27
CTE 318.0 12 JOHNSTON ST / 99 NORTH	Urban	City of Fremantle	1,114	0.2	130.6	0.00	1.27
CTE 318.0 12 JOHNSTON ST / 99 NORTH	Urban	Town of Mosman Park	913	3.2	130.6	0.01	1.27
CTE 318.0 12 JOHNSTON ST / 99 NORTH	Urban	City of Nedlands	229	0.0	130.6	0.00	1.27
CTE 318.0 12 JOHNSTON ST / 99 NORTH	Urban	Shire of Peppermint Grove	56	0.3	130.6	0.00	1.27
CTE 318.0 12 JOHNSTON ST / 99 NORTH	Urban	Total	2,335	1.4	130.6	0.00	1.27
CTE 321.0 L2549 LEAKE ST/UWA	Urban	Town of Claremont	609	0.5	130.6	0.00	1.27
CTE 321.0 L2549 LEAKE ST/UWA	Urban	City of Nedlands	67	0.0	130.6	0.00	1.27
CTE 321.0 L2549 LEAKE ST/UWA	Urban	Shire of Peppermint Grove	60	7.6	130.6	0.02	1.27
CTE 321.0 L2549 LEAKE ST/UWA	Urban	Total	737	1.1	130.6	0.00	1.27
CTE 322.0 611 STIRLING HWY	Urban	Town of Mosman Park	1,658	61.7	130.6	0.08	1.27
CTE 322.0 611 STIRLING HWY	Urban	Shire of Peppermint Grove	49	1,424.1	130.6	1.87	1.27
CTE 322.0 611 STIRLING HWY	Urban	Total	1,711	99.4	130.6	0.13	1.27
CTE 324.0 52 GRANT ST RMU	Urban	Town of Claremont	624	0.0	130.6	0.00	1.27
CTE 324.0 52 GRANT ST RMU	Urban	Town of Cottesloe	251	0.0	130.6	0.00	1.27
CTE 324.0 52 GRANT ST RMU	Urban	City of Nedlands	58	0.0	130.6	0.00	1.27
CTE 324.0 52 GRANT ST RMU	Urban	Total	933	0.0	130.6	0.00	1.27
CTE 326.0 10 LOCHEE RMU	Urban	Total - Town of Mosman Park	632	28.9	130.6	0.04	1.27
CUN 501.0 TAMMIN	Rural Long	Shire of Tammin	245	189.1	848.3	0.80	5.70
CUN 501.0 TAMMIN	Rural Long	Shire of Cunderdin	40	73.7	848.3	0.31	5.70
CUN 501.0 TAMMIN	Rural Long	Shire of Wyalkatchem	10	853.8	848.3	3.62	5.70
CUN 501.0 TAMMIN	Rural Long	Total	303	195.7	848.3	0.83	5.70
CUN 502.0 MINNIVALE	Rural Long	Shire of Dowerin	423	321.6	848.3	2.56	5.70
CUN 502.0 MINNIVALE	Rural Long	Shire of Wyalkatchem	405	322.1	848.3	2.56	5.70
CUN 502.0 MINNIVALE	Rural Long	Shire of Koorda	322	479.4	848.3	3.81	5.70

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
CUN 502.0 MINNIVALE	Rural Long	Shire of Cunderdin	64	438.0	848.3	3.48	5.70
CUN 502.0 MINNIVALE	Rural Long	Total	1,239	369.4	848.3	2.94	5.70
CUN 503.0 MECKERING	Rural Long	Total - Shire of Cunderdin	615	489.8	848.3	2.41	5.70
CUN 506.0 QUAIRADING	Rural Long	Shire of Quairading	628	4,200.4	848.3	15.68	5.70
CUN 506.0 QUAIRADING	Rural Long	Shire of Cunderdin	66	877.0	848.3	3.27	5.70
CUN 506.0 QUAIRADING	Rural Long	Shire of York	21	1,957.9	848.3	7.31	5.70
CUN 506.0 QUAIRADING	Rural Long	Shire of Beverley	17	580.1	848.3	2.17	5.70
CUN 506.0 QUAIRADING	Rural Long	Total	750	3,757.2	848.3	14.03	5.70
CVE 501.0 VELLGROVE AVE	Urban	Total - City of Canning	3,362	223.6	130.6	1.79	1.27
CVE 502.0 VULCAN RD EAST	Urban	City of Gosnells	2,036	56.4	130.6	0.35	1.27
CVE 502.0 VULCAN RD EAST	Urban	City of Canning	53	18.4	130.6	0.12	1.27
CVE 502.0 VULCAN RD EAST	Urban	Total	2,089	55.4	130.6	0.35	1.27
CVE 503.0 CANVALE RD	Urban	Total - City of Gosnells	3,708	125.0	130.6	1.09	1.27
CVE 512.0 MAGNET RD WEST	Rural Short	City of Canning	2,283	173.7	215.4	2.76	2.34
CVE 512.0 MAGNET RD WEST	Rural Short	City of Gosnells	1,582	256.3	215.4	4.08	2.34
CVE 512.0 MAGNET RD WEST	Rural Short	Total	3,865	207.5	215.4	3.30	2.34
CVE 513.0 MAGNET RD EAST	Urban	Total - City of Canning	2,098	142.3	130.6	1.19	1.27
CVE 516.0 NICHOLSON RD	Urban	Total - City of Gosnells	2,056	16.1	130.6	0.08	1.27
CVE 517.0 COULSON WAY	Urban	Total - City of Canning	189	0.0	130.6	0.00	1.27
CVE 522.0 VULCAN WEST	Urban	Total - City of Canning	192	31.8	130.6	1.01	1.27
CVE 524.0 77 VULCAN RD	Urban	Total - City of Canning	49	391.2	130.6	0.04	1.27
CVE 527.0 HOPEWELL ST	Urban	Total - City of Canning	65	4.3	130.6	0.01	1.27
CVE 529.0 BAILE SOUTH	Urban	Total - City of Canning	26	112.8	130.6	1.04	1.27
D 504.0 DARLINGTON S/S RMU	Rural Short	Total - Shire of Mundaring	811	299.7	215.4	1.11	2.34
D 516.0 VICTOR RD EAST	Rural Short	Shire of Mundaring	1,748	318.8	215.4	2.81	2.34
D 516.0 VICTOR RD EAST	Rural Short	City of Swan	181	257.1	215.4	2.27	2.34
D 516.0 VICTOR RD EAST	Rural Short	Total	1,929	313.2	215.4	2.76	2.34



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
D 517.0 VICTOR RD WEST	Rural Short	Shire of Mundaring	1,271	87.0	215.4	1.79	2.34
D 517.0 VICTOR RD WEST	Rural Short	City of Swan	368	116.0	215.4	2.38	2.34
D 517.0 VICTOR RD WEST	Rural Short	Total	1,669	93.6	215.4	1.92	2.34
D 525.0 DARLINGTON EAST	Rural Short	Total - Shire of Mundaring	2,763	171.2	215.4	2.51	2.34
E 302.0 HAMPTON/PHILLIMORE ST	Urban	Total - City of Fremantle	907	138.4	130.6	1.52	1.27
E 303.0 AMHERST 1/21SOUTH ST	Urban	Total - City of Fremantle	708	237.4	130.6	0.25	1.27
E 305.0 STEVEN ST	Urban	Total - City of Fremantle	1,152	43.9	130.6	0.19	1.27
E 309.0 HOSPITAL #1	Urban	Total - City of Fremantle	545	35.2	130.6	0.02	1.27
E 310.0 EAST FREMANTLE	Urban	City of Fremantle	1,698	2.1	130.6	0.00	1.27
E 310.0 EAST FREMANTLE	Urban	Town of East Fremantle	524	1.5	130.6	0.00	1.27
E 310.0 EAST FREMANTLE	Urban	Total	2,222	2.0	130.6	0.00	1.27
E 311.0 FOTHERGILL NTH	Urban	Total - City of Fremantle	395	338.9	130.6	8.33	1.27
E 316.0 SOUTH ST	Urban	Total - City of Fremantle	2,706	205.6	130.6	0.16	1.27
ENB 602.0 NORTH MINE	Rural Short	Shire of Carnamah	9	2,043.3	215.4	35.26	2.34
ENB 602.0 NORTH MINE	Rural Short	Shire of Coorow	1	207.6	215.4	3.58	2.34
ENB 602.0 NORTH MINE	Rural Short	Total	10	1,813.8	215.4	31.30	2.34
ENB 605.0 LEEMAN	Rural Short	Total - Shire of Coorow	842	1,802.2	215.4	2.99	2.34
ENB 617.0 JURIEN	Rural Long	Shire of Dandaragan	2,580	1,559.1	848.3	10.17	5.70
ENB 617.0 JURIEN	Rural Long	Shire of Coorow	88	762.5	848.3	4.97	5.70
ENB 617.0 JURIEN	Rural Long	Total	2,683	1,532.5	848.3	10.00	5.70
FFD 501.0 FORRESTFIELD S/S RMU	Urban	Total - City of Kalamunda	26	0.0	130.6	0.00	1.27
FFD 506.0 435 DUNDAS RD	Rural Short	Total - City of Kalamunda	5,441	36.3	215.4	0.09	2.34
FFD 517.0 10 IBIS PL 2	Urban	Total - City of Kalamunda	60	0.0	130.6	0.00	1.27
FFD 525.0 1 BEYER PL	Urban	Total - City of Kalamunda	50	0.0	130.6	0.00	1.27
FFD 536.0 471 DUNDAS RD	Urban	Total - City of Kalamunda	2,862	19.4	130.6	0.15	1.27
G 502.0 TERENCE STREET	Urban	City of Armadale	1,414	185.8	130.6	2.21	1.27
G 502.0 TERENCE STREET	Urban	City of Gosnells	715	228.3	130.6	2.71	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
G 502.0 TERENCE STREET	Urban	Total	2,129	200.3	130.6	2.38	1.27
G 504.0 24 EUDORIA ST	Urban	Total - City of Gosnells	3,439	84.2	130.6	2.07	1.27
G 506.0 WALTER WEST	Urban	Total - City of Gosnells	3,724	189.7	130.6	1.92	1.27
G 508.0 CRANDON NORTH	Urban	Total - City of Gosnells	2,005	117.9	130.6	0.71	1.27
G 514.0 CRANDON SOUTH	Urban	Total - City of Gosnells	4,421	198.8	130.6	2.33	1.27
G 515.0	Rural Short	City of Armadale	2,652	625.5	215.4	5.35	2.34
G 515.0	Rural Short	City of Gosnells	356	783.2	215.4	6.70	2.34
G 515.0	Rural Short	Total	3,010	643.2	215.4	5.50	2.34
G 518.0 CORFIELD NORTH	Urban	Total - City of Gosnells	2,792	216.7	130.6	1.41	1.27
G 520.0 5 STALKER RD	Urban	Total - City of Gosnells	1,243	342.8	130.6	4.21	1.27
G 522.0 85 WHEATLEY ST	Rural Short	City of Armadale	1,411	91.8	215.4	0.94	2.34
G 522.0 85 WHEATLEY ST	Rural Short	City of Gosnells	977	307.3	215.4	3.15	2.34
G 522.0 85 WHEATLEY ST	Rural Short	Total	2,387	179.7	215.4	1.84	2.34
GTN 602.0 NORTHAMPTON	Rural Long	Shire of Northampton	1,081	445.5	848.3	6.36	5.70
GTN 602.0 NORTHAMPTON	Rural Long	City of Greater Geraldton	394	532.5	848.3	7.61	5.70
GTN 602.0 NORTHAMPTON	Rural Long	Shire of Chapman Valley	369	726.0	848.3	10.37	5.70
GTN 602.0 NORTHAMPTON	Rural Long	Total	1,844	519.9	848.3	7.43	5.70
GTN 603.0 KALBARRI	Rural Long	Shire of Northampton	1,424	565.8	848.3	7.07	5.70
GTN 603.0 KALBARRI	Rural Long	City of Greater Geraldton	436	311.3	848.3	3.89	5.70
GTN 603.0 KALBARRI	Rural Long	Shire of Chapman Valley	418	491.3	848.3	6.14	5.70
GTN 603.0 KALBARRI	Rural Long	Total	2,278	496.3	848.3	6.20	5.70
GTN 606.0 DURLACHER 61 NORTH LINE	Rural Short	Shire of Irwin	1,857	833.8	215.4	8.31	2.34
GTN 606.0 DURLACHER 61 NORTH LINE	Rural Short	City of Greater Geraldton	557	1,312.8	215.4	13.09	2.34
GTN 606.0 DURLACHER 61 NORTH LINE	Rural Short	Total	2,414	946.3	215.4	9.43	2.34
GTN 609.0 NARNGULU EAST	Urban	City of Greater Geraldton	972	2,220.1	130.6	8.41	1.27
GTN 609.0 NARNGULU EAST	Urban	Shire of Chapman Valley	31	1,180.5	130.6	4.47	1.27
GTN 609.0 NARNGULU EAST	Urban	Total	1,004	2,089.0	130.6	7.91	1.27



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
GTN 610.0 DONGARA	Rural Long	City of Greater Geraldton	818	865.9	848.3	6.65	5.70
GTN 610.0 DONGARA	Rural Long	Shire of Irwin	447	2,952.3	848.3	22.66	5.70
GTN 610.0 DONGARA	Rural Long	Total	1,277	1,600.6	848.3	12.29	5.70
GTN 619.0 NARNGULU WEST	Rural Long	Shire of Irwin	71	0.2	848.3	0.00	5.70
GTN 619.0 NARNGULU WEST	Rural Long	City of Greater Geraldton	71	0.8	848.3	0.00	5.70
GTN 619.0 NARNGULU WEST	Rural Long	Total	141	0.4	848.3	0.00	5.70
GTN 620.0 MULLEWA	Rural Long	Total - City of Greater Geraldton	123	0.0	848.3	0.00	5.70
H 502.0 IOLANTHE ST	Urban	Town of Bassendean	2,779	16.6	130.6	0.11	1.27
H 502.0 IOLANTHE ST	Urban	City of Swan	620	18.4	130.6	0.12	1.27
H 502.0 IOLANTHE ST	Urban	City of Bayswater	560	1.5	130.6	0.01	1.27
H 502.0 IOLANTHE ST	Urban	Total	3,959	14.7	130.6	0.10	1.27
H 504.0 COLLIER RD	Urban	Town of Bassendean	243	0.4	130.6	0.00	1.27
H 504.0 COLLIER RD	Urban	City of Bayswater	56	4.7	130.6	0.04	1.27
H 504.0 COLLIER RD	Urban	Total	299	1.1	130.6	0.01	1.27
H 508.0 L268 PROSPECTOR LP	Urban	City of Swan	2,648	295.8	130.6	1.51	1.27
H 508.0 L268 PROSPECTOR LP	Urban	Town of Bassendean	1,042	3.6	130.6	0.02	1.27
H 508.0 L268 PROSPECTOR LP	Urban	Total	3,690	213.9	130.6	1.09	1.27
H 510.0 RAILWAY PARADE WEST	Urban	Town of Bassendean	22	0.0	130.6	0.00	1.27
H 510.0 RAILWAY PARADE WEST	Urban	City of Bayswater	2	0.0	130.6	0.00	1.27
H 510.0 RAILWAY PARADE WEST	Urban	Total	24	1,860.5	130.6	6.25	1.27
H 511.0 GERALDINE ST	Urban	City of Bayswater	2,239	374.6	130.6	4.75	1.27
H 511.0 GERALDINE ST	Urban	Town of Bassendean	2,049	365.4	130.6	4.63	1.27
H 511.0 GERALDINE ST	Urban	Total	4,288	370.1	130.6	4.69	1.27
H 514.0 SCADDEN ST	Urban	City of Bayswater	2,938	47.9	130.6	0.23	1.27
H 514.0 SCADDEN ST	Urban	Town of Bassendean	550	82.5	130.6	0.40	1.27
H 514.0 SCADDEN ST	Urban	Total	3,488	53.3	130.6	0.26	1.27
H 516.0 249 COLLIER ST	Urban	Total - City of Bayswater	567	80.1	130.6	1.03	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
H 517.0 PALMERSTON ST	Urban	Town of Bassendean	1,310	577.9	130.6	5.74	1.27
H 517.0 PALMERSTON ST	Urban	City of Swan	275	525.8	130.6	5.22	1.27
H 517.0 PALMERSTON ST	Urban	Total	1,596	568.9	130.6	5.65	1.27
HAY 303.0 50 MURRAY ST/IRWIN CHMBRS	CBD	Total - City of Perth	47	0.0	33.7	0.00	0.21
HAY 305.0 219 ST GEORGES TCE	CBD	Total - City of Perth	287	0.0	33.7	0.00	0.21
HAY 306.0 300 MURRAY ST 1	CBD	Total - City of Perth	38	0.0	33.7	0.00	0.21
HAY 307.0 FIRE BRGDE HQ/3 THE ESPLA	CBD	Total - City of Perth	560	0.0	33.7	0.00	0.21
HAY 312.0 556 HAY/6 MOUNTS BAY Z2	CBD	Total - City of Perth	73	0.0	33.7	0.00	0.21
HAY 314.0 379 HAY/197 ST GEO ZONE B	CBD	Total - City of Perth	102	0.0	33.7	0.00	0.21
HAY 316.0 713 HAY/19 PIER ST	CBD	Total - City of Perth	46	0.0	33.7	0.00	0.21
HAY 318.0 32 ST.GEO.TCE/647 HAY ST	CBD	Total - City of Perth	38	0.0	33.7	0.00	0.21
HAY 321.0 152-158 ST GEO TCE ZON-A	CBD	Total - City of Perth	39	10.4	33.7	1.00	0.21
HAY 323.0 98 PIER ST	CBD	Total - City of Perth	45	100.0	33.7	0.22	0.21
HAY 325.0 37 PIER ST / 517 HAY ST	CBD	Total - City of Perth	106	0.0	33.7	0.00	0.21
HAY 334.0 445 HAY/38 MOUNTS BAY RD	CBD	Total - City of Perth	197	0.0	33.7	0.00	0.21
HAY 336.0 30 THE ESPLND/18 MOUNT ST	CBD	Total - City of Perth	24	10.6	33.7	0.04	0.21
HAY 337.0 109 MURRAY ST	CBD	Total - City of Perth	28	0.3	33.7	0.04	0.21
HAY 339.0 200 MURRAY ST/125 MURRAY	CBD	Total - City of Perth	62	43.7	33.7	0.42	0.21
HAY 341.0 565 HAY ST	CBD	Total - City of Perth	233	0.0	33.7	0.00	0.21
HAY 343.0 HYATT WEST/ 25 BARRACK ST	CBD	Total - City of Perth	191	63.8	33.7	1.54	0.21
HAY 347.0 197 ST GEO 138 BARRACK ST	CBD	Total - City of Perth	67	0.1	33.7	0.03	0.21
HAY 349.0 152-158 ST GEO TCE ZONE B	CBD	Total - City of Perth	84	0.0	33.7	0.00	0.21
HBK 504.0 LORD ST SOUTH	Urban	Total - City of Swan	2,801	11.5	130.6	0.02	1.27
HBK 507.0 2 WOOLLYBUSH RD	Urban	Total - City of Swan	5,165	76.7	130.6	2.56	1.27
HBK 508.0 20 BARRAMBIE WAY	Urban	Total - City of Swan	439	67.5	130.6	0.96	1.27
HBK 536.0 RIVERINA 1 RMU	Urban	Total - City of Swan	2,964	35.2	130.6	0.48	1.27
HBK 537.0 L456 SWANLEIGH PDE	Urban	Total - City of Swan	7,324	75.1	130.6	1.27	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
HBK 539.0 LISBON PL	Urban	Total - City of Swan	983	94.5	130.6	1.89	1.27
HZM 504.0 L80 BUSHMEAD	Urban	Total - City of Swan	1,722	60.8	130.6	1.25	1.27
HZM 505.0 BUSHMEAD RD	Urban	City of Kalamunda	485	107.8	130.6	0.87	1.27
HZM 505.0 BUSHMEAD RD	Urban	City of Swan	152	181.3	130.6	1.46	1.27
HZM 505.0 BUSHMEAD RD	Urban	Total	637	125.3	130.6	1.01	1.27
HZM 507.0 71 BUSHMEAD RD	Urban	Shire of Mundaring	1,185	103.8	130.6	1.39	1.27
HZM 507.0 71 BUSHMEAD RD	Urban	City of Kalamunda	1,130	124.2	130.6	1.67	1.27
HZM 507.0 71 BUSHMEAD RD	Urban	City of Swan	468	74.5	130.6	1.00	1.27
HZM 507.0 71 BUSHMEAD RD	Urban	Total	2,782	107.3	130.6	1.44	1.27
JDP 504.0 L2 SHENTON AVE	Urban	Total - City of Joondalup	1,910	10.2	130.6	0.02	1.27
JDP 505.0 4 NEWMARKET RTT	Urban	Total - City of Joondalup	3,385	83.2	130.6	1.12	1.27
JDP 507.0 ECU SWITCHROOM 2	Rural Short	Total - City of Joondalup	900	0.0	215.4	0.00	2.34
JDP 508.0 90 SHENTON AVE	Urban	Total - City of Joondalup	969	168.0	130.6	1.09	1.27
JDP 536.0 BURNS BEACH RD	Urban	Total - City of Joondalup	3,841	3.4	130.6	0.03	1.27
JDP 539.0 JOONDALUP DR	Urban	Total - City of Joondalup	888	0.1	130.6	0.00	1.27
JDP 540.0 MOORE DR	Urban	Total - City of Joondalup	1,153	0.3	130.6	0.00	1.27
JTE 302.0 WPC CENT CNTRL/65 FORREST	Urban	Total - City of Perth	13	4.8	130.6	1.50	1.27
JTE 302.0 WPC CENTRAL CONTROL	Urban	Total - City of Perth	1,907	1.2	130.6	0.38	1.27
JTE 304.0 48 JOEL TCE	Urban	City of Bayswater	332	11.9	130.6	0.04	1.27
JTE 304.0 48 JOEL TCE	Urban	City of Vincent	268	173.8	130.6	0.51	1.27
JTE 304.0 48 JOEL TCE	Urban	Total	600	48.0	130.6	0.14	1.27
JTE 306.0 140 ROYAL ST ZONE B	Urban	Total - City of Perth	609	0.1	130.6	0.00	1.27
JTE 307.0 65 FORREST AV RMU 4	Urban	Total - City of Perth	1,116	0.2	130.6	0.00	1.27
JTE 310.0 45 PAKENHAM ST	Urban	City of Bayswater	3,179	53.0	130.6	0.24	1.27
JTE 310.0 45 PAKENHAM ST	Urban	City of Vincent	90	0.0	130.6	0.00	1.27
JTE 310.0 45 PAKENHAM ST	Urban	Total	3,269	51.3	130.6	0.24	1.27
JTE 312.0 126 WHATLEY CR	Urban	City of Bayswater	927	0.4	130.6	0.00	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
JTE 312.0 126 WHATLEY CR	Urban	City of Stirling	528	67.5	130.6	0.28	1.27
JTE 312.0 126 WHATLEY CR	Urban	Total	1,455	22.5	130.6	0.09	1.27
JTE 315.0 65 FORREST AV RMU 5	Urban	Total - City of Perth	383	70.9	130.6	0.44	1.27
JTE 321.0 282 LORD ST	Urban	Total - City of Vincent	2,058	26.9	130.6	0.20	1.27
JTE 323.0 29 WEST PDE	Urban	City of Vincent	994	25.2	130.6	0.19	1.27
JTE 323.0 29 WEST PDE	Urban	City of Stirling	484	0.0	130.6	0.00	1.27
JTE 323.0 29 WEST PDE	Urban	Total	1,479	16.3	130.6	0.12	1.27
JTE 325.0 139 RAILWAY PDE	Urban	City of Stirling	1,621	8.4	130.6	0.15	1.27
JTE 325.0 139 RAILWAY PDE	Urban	City of Perth	352	0.5	130.6	0.01	1.27
JTE 325.0 139 RAILWAY PDE	Urban	Total	1,973	6.2	130.6	0.11	1.27
JTE 327.0 298 LORD ST	Urban	Total - City of Vincent	76	0.0	130.6	0.00	1.27
JTE 330.0 L405 EIGHT AVE	Urban	Total - City of Bayswater	1,494	47.1	130.6	0.27	1.27
JTE 332.0 103 SUMMERS ST	Urban	Total - City of Vincent	280	20.5	130.6	0.16	1.27
JTE 335.0 71 EAST PDE	Urban	Total - City of Perth	577	5.5	130.6	0.04	1.27
JTE 337.0 211 PENINSULA RD	Urban	City of Bayswater	1,167	13.1	130.6	0.09	1.27
JTE 337.0 211 PENINSULA RD	Urban	City of Perth	268	0.8	130.6	0.01	1.27
JTE 337.0 211 PENINSULA RD	Urban	Total	1,435	11.2	130.6	0.08	1.27
K 502.0 LEWIS RD EAST	Rural Short	Total - City of Kalamunda	963	145.5	215.4	2.16	2.34
K 504.0 GUPPY RD/HOSPITAL	Rural Short	Total - City of Kalamunda	2,981	255.6	215.4	2.98	2.34
K 507.0 LEWIS W	Urban	Total - City of Kalamunda	3,387	77.3	130.6	0.37	1.27
K 515.0 PAULINE AVE	Urban	Total - City of Kalamunda	1,221	52.5	130.6	0.18	1.27
K 517.0 LESMURDIE AVE	Urban	Total - City of Kalamunda	1,952	4.7	130.6	0.03	1.27
K 520.0 GLADSTONE RD	Rural Short	City of Kalamunda	581	81.9	215.4	1.79	2.34
K 520.0 GLADSTONE RD	Rural Short	City of Armadale	182	156.0	215.4	3.41	2.34
K 520.0 GLADSTONE RD	Rural Short	Total	763	99.5	215.4	2.17	2.34
KAT 503.0 WOODANILLING	Rural Long	Shire of Woodanilling	263	251.9	848.3	1.27	5.70
KAT 503.0 WOODANILLING	Rural Long	Shire of Katanning	111	240.6	848.3	1.21	5.70

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
KAT 503.0 WOODANILLING	Rural Long	Shire of Kojonup	27	708.8	848.3	3.57	5.70
KAT 503.0 WOODANILLING	Rural Long	Shire of West Arthur	13	848.9	848.3	4.28	5.70
KAT 503.0 WOODANILLING	Rural Long	Total	420	297.5	848.3	1.50	5.70
KAT 505.0 KOJONUP	Rural Short	Shire of Kojonup	48	425.1	215.4	13.05	2.34
KAT 505.0 KOJONUP	Rural Short	Shire of Katanning	26	434.0	215.4	13.33	2.34
KAT 505.0 KOJONUP	Rural Short	Shire of Broomehill-Tambellup	23	394.3	215.4	12.11	2.34
KAT 505.0 KOJONUP	Rural Short	Total	97	420.4	215.4	12.91	2.34
KAT 506.0 TAMBELLUP	Rural Long	Shire of Broomehill-Tambellup	640	150.5	848.3	0.73	5.70
KAT 506.0 TAMBELLUP	Rural Long	Shire of Gnowangerup	459	271.0	848.3	1.32	5.70
KAT 506.0 TAMBELLUP	Rural Long	Shire of Kojonup	34	181.1	848.3	0.88	5.70
KAT 506.0 TAMBELLUP	Rural Long	Total	1,165	199.9	848.3	0.97	5.70
KAT 509.0 GNOWANGERUP	Rural Long	Shire of Ravensthorpe	475	1,402.1	848.3	7.46	5.70
KAT 509.0 GNOWANGERUP	Rural Long	Shire of Gnowangerup	420	2,025.9	848.3	10.78	5.70
KAT 509.0 GNOWANGERUP	Rural Long	Shire of Jerramungup	157	1,110.8	848.3	5.91	5.70
KAT 509.0 GNOWANGERUP	Rural Long	Shire of Lake Grace	136	5,497.2	848.3	29.24	5.70
KAT 509.0 GNOWANGERUP	Rural Long	Total	1,211	2,048.3	848.3	10.90	5.70
KAT 512.0 NYABING	Rural Long	Shire of Kent	410	1,225.0	848.3	6.92	5.70
KAT 512.0 NYABING	Rural Long	Shire of Jerramungup	211	395.1	848.3	2.23	5.70
KAT 512.0 NYABING	Rural Long	Shire of Katanning	158	70.4	848.3	0.40	5.70
KAT 512.0 NYABING	Rural Long	Shire of Lake Grace	42	2,449.4	848.3	13.84	5.70
KAT 512.0 NYABING	Rural Long	Total	842	853.9	848.3	4.82	5.70
KAT 514.0 KATANNING	Rural Short	Total - Shire of Katanning	1,958	44.6	215.4	1.11	2.34
KDL 504.0 L536 ABERNETHY RD (1)	Urban	City of Belmont	74	146.3	130.6	1.05	1.27
KDL 504.0 L536 ABERNETHY RD (1)	Urban	City of Canning	6	116.0	130.6	0.83	1.27
KDL 504.0 L536 ABERNETHY RD (1)	Urban	Total	80	143.9	130.6	1.03	1.27
KDL 505.0 MACKAY ST	Urban	City of Belmont	96	0.7	130.6	0.00	1.27
KDL 505.0 MACKAY ST	Urban	City of Kalamunda	86	9.9	130.6	0.04	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
KDL 505.0 MACKAY ST	Urban	Total	182	5.0	130.6	0.02	1.27
KDL 507.0 HAZLEHURST ST	Urban	Total - City of Belmont	40	314.9	130.6	0.25	1.27
KDL 536.0 495 ABERNETHY RD	Urban	Total - City of Belmont	70	0.0	130.6	0.00	1.27
KDL 539.0 493 ABERNETHY RD	Urban	City of Belmont	2,257	11.9	130.6	0.05	1.27
KDL 539.0 493 ABERNETHY RD	Urban	Town of Victoria Park	363	101.1	130.6	0.42	1.27
KDL 539.0 493 ABERNETHY RD	Urban	City of Canning	152	56.2	130.6	0.23	1.27
KDL 539.0 493 ABERNETHY RD	Urban	Total	2,772	26.2	130.6	0.11	1.27
KDL 540.0 6 Hodgson Way	Urban	City of Belmont	1,080	10.5	130.6	0.23	1.27
KDL 540.0 6 Hodgson Way	Urban	City of Canning	94	0.0	130.6	0.00	1.27
KDL 540.0 6 Hodgson Way	Urban	Total	1,175	9.7	130.6	0.21	1.27
KDN 603.0 CORRIGIN	Rural Long	Shire of Corrigin	701	160.2	848.3	0.71	5.70
KDN 603.0 CORRIGIN	Rural Long	Shire of Bruce Rock	86	84.4	848.3	0.37	5.70
KDN 603.0 CORRIGIN	Rural Long	Total	799	152.0	848.3	0.67	5.70
KDN 605.0 NARAMBEEN	Rural Long	Shire of Narembeen	578	562.1	848.3	6.61	5.70
KDN 605.0 NARAMBEEN	Rural Long	Shire of Bruce Rock	24	208.7	848.3	2.45	5.70
KDN 605.0 NARAMBEEN	Rural Long	Shire of Kondinin	16	297.0	848.3	3.49	5.70
KDN 605.0 NARAMBEEN	Rural Long	Shire of Corrigin	15	1,230.2	848.3	14.46	5.70
KDN 605.0 NARAMBEEN	Rural Long	Total	639	559.5	848.3	6.58	5.70
KDN 606.0 HYDEN	Rural Long	Shire of Kondinin	386	703.5	848.3	2.15	5.70
KDN 606.0 HYDEN	Rural Long	Shire of Kulin	59	1,480.0	848.3	4.52	5.70
KDN 606.0 HYDEN	Rural Long	Shire of Lake Grace	58	1,647.2	848.3	5.03	5.70
KDN 606.0 HYDEN	Rural Long	Total	503	905.1	848.3	2.76	5.70
KDN 610.0 LAKE GRACE	Rural Long	Shire of Lake Grace	844	2,565.3	848.3	8.34	5.70
KDN 610.0 LAKE GRACE	Rural Long	Shire of Kulin	66	2,686.5	848.3	8.73	5.70
KDN 610.0 LAKE GRACE	Rural Long	Shire of Dumbleyung	27	2,382.6	848.3	7.75	5.70
KDN 610.0 LAKE GRACE	Rural Long	Shire of Kondinin	23	464.0	848.3	1.51	5.70
KDN 610.0 LAKE GRACE	Rural Long	Total	960	2,515.4	848.3	8.18	5.70



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
KDN 611.0 KULIN	Rural Long	Shire of Kulin	425	1,817.1	848.3	9.87	5.70
KDN 611.0 KULIN	Rural Long	Shire of Kondinin	218	673.6	848.3	3.66	5.70
KDN 611.0 KULIN	Rural Long	Shire of Wickpin	121	2,056.8	848.3	11.17	5.70
KDN 611.0 KULIN	Rural Long	Shire of Dumbleyung	17	4,477.2	848.3	24.31	5.70
KDN 611.0 KULIN	Rural Long	Total	795	1,595.7	848.3	8.66	5.70
KEL 502.0 SHACKLETON	Rural Long	Shire of Bruce Rock	30	1,527.4	848.3	5.70	5.70
KEL 502.0 SHACKLETON	Rural Long	Shire of Quairading	28	1,511.0	848.3	5.64	5.70
KEL 502.0 SHACKLETON	Rural Long	Shire of Kellerberrin	22	1,016.6	848.3	3.80	5.70
KEL 502.0 SHACKLETON	Rural Long	Total	80	1,380.3	848.3	5.15	5.70
KEL 503.0 DOODLAKINE	Rural Short	Shire of Kellerberrin	76	608.9	215.4	4.18	2.34
KEL 503.0 DOODLAKINE	Rural Short	Shire of Merredin	14	1,102.0	215.4	7.57	2.34
KEL 503.0 DOODLAKINE	Rural Short	Shire of Bruce Rock	3	1,541.8	215.4	10.59	2.34
KEL 503.0 DOODLAKINE	Rural Short	Total	94	714.7	215.4	4.91	2.34
KEL 505.0 TRAYNING	Rural Long	Shire of Trayning	305	420.3	848.3	3.00	5.70
KEL 505.0 TRAYNING	Rural Long	Shire of Kellerberrin	62	690.2	848.3	4.93	5.70
KEL 505.0 TRAYNING	Rural Long	Shire of Nungarin	18	347.2	848.3	2.48	5.70
KEL 505.0 TRAYNING	Rural Long	Total	387	460.3	848.3	3.29	5.70
KEL 508.0 KELLERBERRIN	Rural Short	Shire of Kellerberrin	559	261.3	215.4	4.40	2.34
KEL 508.0 KELLERBERRIN	Rural Short	Shire of Tammin	16	442.6	215.4	7.45	2.34
KEL 508.0 KELLERBERRIN	Rural Short	Total	575	266.2	215.4	4.48	2.34
KOJ 504.0 MURADUP	Rural Long	Shire of Kojonup	153	484.4	848.3	2.37	5.70
KOJ 504.0 MURADUP	Rural Long	Shire of West Arthur	72	1,561.8	848.3	7.64	5.70
KOJ 504.0 MURADUP	Rural Long	Shire of Boyup Brook	72	492.7	848.3	2.41	5.70
KOJ 504.0 MURADUP	Rural Long	Total	296	745.0	848.3	3.65	5.70
KOJ 505.0 JINGALUP	Rural Long	Total - Shire of Kojonup	188	464.2	848.3	1.80	5.70
KOJ 506.0 KOJONUP TOWN	Rural Short	Total - Shire of Kojonup	726	34.4	215.4	0.21	2.34
LDE 502.0 MIRRABOOKA NORTH	Urban	Total - City of Wanneroo	2,649	26.0	130.6	0.07	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
LDE 503.0 HEPBURN EAST	Urban	City of Wanneroo	3,421	17.2	130.6	0.05	1.27
LDE 503.0 HEPBURN EAST	Urban	City of Swan	457	0.0	130.6	0.00	1.27
LDE 503.0 HEPBURN EAST	Urban	Total	3,878	15.2	130.6	0.04	1.27
LDE 505.0 FURNISS RD	Urban	Total - City of Wanneroo	700	258.6	130.6	4.88	1.27
LDE 510.0 KINGSWAY	Urban	Total - City of Wanneroo	2,439	2.7	130.6	0.02	1.27
LDE 511.0 LANDSDALE ZONE S/S 6	Urban	Total - City of Wanneroo	364	0.0	130.6	0.00	1.27
LDE 519.0 100 KINGSWAY	Urban	Total - City of Joondalup	3,536	92.0	130.6	1.14	1.27
LDE 520.0 WHITFORDS AVE	Urban	City of Wanneroo	1,738	0.9	130.6	0.00	1.27
LDE 520.0 WHITFORDS AVE	Urban	City of Joondalup	880	132.3	130.6	0.33	1.27
LDE 520.0 WHITFORDS AVE	Urban	Total	2,618	40.3	130.6	0.10	1.27
LDE 523.0 161 HEPBURN AVE	Urban	City of Wanneroo	1,557	374.6	130.6	3.76	1.27
LDE 523.0 161 HEPBURN AVE	Urban	City of Joondalup	1,024	352.1	130.6	3.53	1.27
LDE 523.0 161 HEPBURN AVE	Urban	Total	2,581	364.2	130.6	3.66	1.27
LDE 525.0 LANDSDALE ZONE S/S 1	Urban	City of Wanneroo	2,989	101.4	130.6	0.74	1.27
LDE 525.0 LANDSDALE ZONE S/S 1	Urban	City of Stirling	589	155.0	130.6	1.13	1.27
LDE 525.0 LANDSDALE ZONE S/S 1	Urban	City of Joondalup	220	27.4	130.6	0.20	1.27
LDE 525.0 LANDSDALE ZONE S/S 1	Urban	Total	3,798	105.5	130.6	0.77	1.27
LDE 526.0 LANDSDALE ZONE S/S 4	Urban	City of Swan	1,961	19.1	130.6	0.06	1.27
LDE 526.0 LANDSDALE ZONE S/S 4	Urban	City of Wanneroo	1,866	16.4	130.6	0.05	1.27
LDE 526.0 LANDSDALE ZONE S/S 4	Urban	Total	3,827	17.7	130.6	0.05	1.27
MA 301.0 JOYCE ST NORTH	Urban	Total - City of Stirling	2,097	75.7	130.6	0.41	1.27
MA 302.0 ANDREW	Urban	Total - City of Stirling	4,274	78.4	130.6	0.30	1.27
MA 304.0 LALOR STREET	Urban	Total - City of Stirling	3,471	183.4	130.6	0.74	1.27
MA 305.0 MANNING STREET	Urban	Total - City of Stirling	1,139	0.2	130.6	0.00	1.27
MA 307.0 JOYCE STREET SOUTH	Urban	Total - City of Stirling	1,532	152.2	130.6	0.66	1.27
MA 308.0 NEWBOROUGH	Urban	Total - City of Stirling	1,776	222.7	130.6	2.37	1.27
MBR 504.0 QUANGELLUP	Rural Long	Shire of Plantagenet	2,695	227.7	848.3	1.52	5.70



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MBR 504.0 QUANGELLUP	Rural Long	Shire of Cranbrook	730	227.5	848.3	1.52	5.70
MBR 504.0 QUANGELLUP	Rural Long	City of Albany	92	1,727.8	848.3	11.55	5.70
MBR 504.0 QUANGELLUP	Rural Long	Total	3,601	266.2	848.3	1.78	5.70
MBR 513.0 ROCKY GULLY	Rural Long	Shire of Plantagenet	220	6.0	848.3	0.03	5.70
MBR 513.0 ROCKY GULLY	Rural Long	Shire of Cranbrook	30	37.4	848.3	0.20	5.70
MBR 513.0 ROCKY GULLY	Rural Long	Shire of Manjimup	7	22.5	848.3	0.12	5.70
MBR 513.0 ROCKY GULLY	Rural Long	Total	257	10.2	848.3	0.05	5.70
MCE 307.0 BROADWAY FAIR	Urban	City of Perth	795	0.0	130.6	0.00	1.27
MCE 307.0 BROADWAY FAIR	Urban	City of Nedlands	241	0.0	130.6	0.00	1.27
MCE 307.0 BROADWAY FAIR	Urban	Total	1,036	0.0	130.6	0.00	1.27
MCE 314.0 27 ROCKTON RD RMU	Urban	City of Nedlands	533	25.4	130.6	0.05	1.27
MCE 314.0 27 ROCKTON RD RMU	Urban	Town of Claremont	495	0.2	130.6	0.00	1.27
MCE 314.0 27 ROCKTON RD RMU	Urban	Total	1,028	13.3	130.6	0.03	1.27
MCE 316.0 L8 PARK AVE	Urban	City of Perth	368	0.0	130.6	0.00	1.27
MCE 316.0 L8 PARK AVE	Urban	City of Nedlands	24	0.0	130.6	0.00	1.27
MCE 316.0 L8 PARK AVE	Urban	Total	392	0.0	130.6	0.00	1.27
MCE 330.0 5 MONASH RMU	Urban	City of Perth	537	52.4	130.6	0.15	1.27
MCE 330.0 5 MONASH RMU	Urban	City of Nedlands	19	0.0	130.6	0.00	1.27
MCE 330.0 5 MONASH RMU	Urban	Total	556	50.7	130.6	0.15	1.27
MCE 331.0 95 MONASH AVE	Urban	Total - City of Nedlands	979	33.5	130.6	0.11	1.27
MCE 333.0 55 BROADWAY RMU	Urban	City of Nedlands	670	0.0	130.6	0.00	1.27
MCE 333.0 55 BROADWAY RMU	Urban	City of Perth	94	0.0	130.6	0.00	1.27
MCE 333.0 55 BROADWAY RMU	Urban	Total	764	0.0	130.6	0.00	1.27
MCE 334.0 PARK RD	Urban	City of Nedlands	584	27.8	130.6	0.15	1.27
MCE 334.0 PARK RD	Urban	City of Perth	122	0.0	130.6	0.00	1.27
MCE 334.0 PARK RD	Urban	Total	706	22.9	130.6	0.12	1.27
MCE 336.0 5 STANLEY RMU	Urban	Total - City of Nedlands	1,254	0.1	130.6	0.00	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MDN 504.0 1828 ALBANY HWY	Urban	Total - City of Gosnells	2,335	169.2	130.6	1.80	1.27
MDN 505.0 27 ROYAL ST	Urban	Total - City of Gosnells	2,658	194.5	130.6	0.49	1.27
MDN 507.0 L138 KITSON PL	Urban	Total - City of Gosnells	993	119.7	130.6	1.11	1.27
MDN 508.0 108 MADDINGTON RD	Rural Short	City of Gosnells	1,851	57.6	215.4	0.28	2.34
MDN 508.0 108 MADDINGTON RD	Rural Short	City of Kalamunda	1,259	27.0	215.4	0.13	2.34
MDN 508.0 108 MADDINGTON RD	Rural Short	Total	3,110	45.6	215.4	0.22	2.34
MED 504.0 L521 MCLAREN AVE	Urban	Total - City of Kwinana	45	0.3	130.6	0.04	1.27
MED 507.0 L2 CHISHAM AVE	Urban	Total - City of Kwinana	4,541	55.6	130.6	1.24	1.27
MED 508.0 L1084 TUCKER ST	Urban	City of Kwinana	942	0.2	130.6	0.00	1.27
MED 508.0 L1084 TUCKER ST	Urban	City of Rockingham	20	0.0	130.6	0.00	1.27
MED 508.0 L1084 TUCKER ST	Urban	Total	962	0.2	130.6	0.00	1.27
MED 511.0 16 ABERCROMBIE RD	Rural Short	Total - City of Kwinana	2,961	14.6	215.4	0.03	2.34
MED 513.0 L1047 BROWNELL CRES	Rural Short	City of Kwinana	2,552	9.8	215.4	0.08	2.34
MED 513.0 L1047 BROWNELL CRES	Rural Short	City of Rockingham	131	0.0	215.4	0.00	2.34
MED 513.0 L1047 BROWNELL CRES	Rural Short	Total	2,683	9.4	215.4	0.08	2.34
MED 517.0 L1084 TUCKER ST	Rural Short	Total - City of Kwinana	22	69.2	215.4	0.92	2.34
MED 522.0 ABERCROMBIE RD SOUTH	Urban	Total - City of Kwinana	2,006	411.2	130.6	4.05	1.27
MED 524.0 MEDINA S/S RMU	Rural Short	City of Kwinana	3,534	234.3	215.4	3.29	2.34
MED 524.0 MEDINA S/S RMU	Rural Short	City of Rockingham	526	136.8	215.4	1.92	2.34
MED 524.0 MEDINA S/S RMU	Rural Short	Total	4,089	216.8	215.4	3.05	2.34
MED 526.0 ABERCROMBIE RD NORTH	Rural Short	City of Kwinana	2,292	221.4	215.4	4.90	2.34
MED 526.0 ABERCROMBIE RD NORTH	Rural Short	City of Cockburn	1,378	323.8	215.4	7.17	2.34
MED 526.0 ABERCROMBIE RD NORTH	Rural Short	Shire of Serpentine-Jarrahdale	100	1,172.8	215.4	25.96	2.34
MED 526.0 ABERCROMBIE RD NORTH	Rural Short	Total	3,770	284.1	215.4	6.29	2.34
MER 506.0 MERREDIN	Rural Short	Total - Shire of Merredin	1,323	273.1	215.4	3.99	2.34
MER 507.0 BURRACOPPIN	Rural Long	Shire of Merredin	394	453.0	848.3	4.90	5.70
MER 507.0 BURRACOPPIN	Rural Long	Shire of Westonia	19	365.1	848.3	3.95	5.70

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MER 507.0 BURRACOPPIN	Rural Long	Total	417	449.1	848.3	4.86	5.70
MER 515.0 BRUCE ROCK TOWN	Rural Long	Shire of Bruce Rock	537	276.7	848.3	0.89	5.70
MER 515.0 BRUCE ROCK TOWN	Rural Long	Shire of Merredin	114	1,074.6	848.3	3.45	5.70
MER 515.0 BRUCE ROCK TOWN	Rural Long	Shire of Narembeen	25	1,521.3	848.3	4.88	5.70
MER 515.0 BRUCE ROCK TOWN	Rural Long	Total	676	455.6	848.3	1.46	5.70
MER 516.0 NUNGARIN	Rural Long	Shire of Mount Marshall	466	581.6	848.3	4.45	5.70
MER 516.0 NUNGARIN	Rural Long	Shire of Mukinbudin	390	521.8	848.3	4.00	5.70
MER 516.0 NUNGARIN	Rural Long	Shire of Nungarin	139	134.4	848.3	1.03	5.70
MER 516.0 NUNGARIN	Rural Long	Shire of Merredin	129	330.3	848.3	2.53	5.70
MER 516.0 NUNGARIN	Rural Long	Total	1,153	476.3	848.3	3.65	5.70
MH 501.0 L213 PINJARRA RD	Urban	Total - City of Mandurah	4,595	23.1	130.6	0.23	1.27
MH 502.0 ELIZABETH	Urban	Total - City of Mandurah	3,996	211.5	130.6	1.90	1.27
MH 504.0 FRANCE	Urban	Total - City of Mandurah	3,219	5.6	130.6	0.05	1.27
MH 509.0 WAXFLOWER VSTA	Urban	Total - City of Mandurah	1,563	357.9	130.6	5.15	1.27
MH 512.0 LANYON	Rural Short	Total - City of Mandurah	6,774	235.0	215.4	2.51	2.34
MH 515.0 CLARICE	Urban	Shire of Murray	460	541.7	130.6	5.90	1.27
MH 515.0 CLARICE	Urban	City of Mandurah	301	69.2	130.6	0.75	1.27
MH 515.0 CLARICE	Urban	Total	761	353.8	130.6	3.85	1.27
MH 520.0 DOWER.S	Rural Short	Shire of Murray	2,414	217.8	215.4	3.45	2.34
MH 520.0 DOWER.S	Rural Short	City of Mandurah	2,019	238.7	215.4	3.78	2.34
MH 520.0 DOWER.S	Rural Short	Total	4,433	227.6	215.4	3.61	2.34
MH 521.0 OLD COAST RD	Urban	Total - City of Mandurah	4,199	8.4	130.6	0.14	1.27
MH 522.0 79 ALLNUTT ST	Urban	Total - City of Mandurah	4,365	127.9	130.6	1.60	1.27
MIL 301.0 778 HAY ST (TOWN HOUSE)	CBD	Total - City of Perth	57	0.0	33.7	0.00	0.21
MIL 303.0 441 MURRAY/214 ST GEO TCE	CBD	Total - City of Perth	270	5.6	33.7	0.04	0.21
MIL 307.0 5 MILL ST/942 HAY ST	CBD	Total - City of Perth	221	0.0	33.7	0.00	0.21
MIL 309.0 170 ST.GEO.TCE/DAILY NEWS	CBD	City of Perth	576	55.0	33.7	0.05	0.21

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MIL 309.0 170 ST.GEO.TCE/DAILY NEWS	CBD	City of Vincent	50	0.0	33.7	0.00	0.21
MIL 309.0 170 ST.GEO.TCE/DAILY NEWS	CBD	Total	626	50.5	33.7	0.04	0.21
MIL 312.0 918HAY/560WELLINGTON ST	CBD	Total - City of Perth	255	34.3	33.7	0.34	0.21
MIL 314.0 108.ST.GEO.TCE	CBD	Total - City of Perth	39	0.0	33.7	0.00	0.21
MIL 316.0 14 SPRING ST/CUSTOM	CBD	Total - City of Perth	71	0.0	33.7	0.00	0.21
MIL 319.0 468 MURRAY/14 SPRING ST 2	CBD	Total - City of Perth	212	0.0	33.7	0.00	0.21
MIL 327.0	CBD	Total - City of Perth	193	0.0	33.7	0.00	0.21
MIL 330.0 976 HAY ST (QVI CARPARK)	CBD	Total - City of Perth	126	2.8	33.7	0.04	0.21
MIL 332.0 160 ST.GEO.TCE	CBD	Total - City of Perth	14	25.0	33.7	0.07	0.21
MIL 337.0 996 HAY ST	CBD	Total - City of Perth	49	0.0	33.7	0.00	0.21
MIL 339.0 14 LAKE ST/220 ST GEO	CBD	Total - City of Perth	162	30.7	33.7	4.34	0.21
MIL 345.0 200 ST GEO T/556 WELLINGT	CBD	Total - City of Perth	20	0.0	33.7	0.00	0.21
MIL 348.0 33 MALCOLM ST	CBD	Total - City of Perth	565	42.4	33.7	0.05	0.21
MIL 350.0 ENTERTAIN/CEN /185 ST GEO	CBD	Total - City of Perth	71	0.0	33.7	0.00	0.21
MIL 352.0 88 COLIN ST.503 MURRAY ST	CBD	Total - City of Perth	13	0.0	33.7	0.00	0.21
MIL 354.0 432 MURRAY ST	CBD	Total - City of Perth	164	21.5	33.7	0.01	0.21
MJ 503.0 BRICKWORKS #2	Urban	Total - City of Swan	1,873	82.9	130.6	0.39	1.27
MJ 504.0 LLOYD ST/9 BROCKMAN RD	Urban	Total - City of Swan	1,265	25.3	130.6	0.09	1.27
MJ 506.0 THE CRESCENT ROUNDABOUT	Urban	Total - City of Swan	1,437	26.2	130.6	0.15	1.27
MJ 508.0 GREENMOUNT/CADCOM ZONE 2	Urban	Shire of Mundaring	2,087	362.3	130.6	1.38	1.27
MJ 508.0 GREENMOUNT/CADCOM ZONE 2	Urban	City of Swan	1,431	117.2	130.6	0.45	1.27
MJ 508.0 GREENMOUNT/CADCOM ZONE 2	Urban	Total	3,518	257.9	130.6	0.98	1.27
MJ 510.0 SWANVIEW	Rural Short	City of Swan	4,146	42.9	215.4	0.17	2.34
MJ 510.0 SWANVIEW	Rural Short	Shire of Mundaring	357	5.5	215.4	0.02	2.34
MJ 510.0 SWANVIEW	Rural Short	Total	4,503	39.9	215.4	0.16	2.34
MJ 514.0 BUSHMEAD/MIDLAND GATE	Urban	City of Swan	719	247.2	130.6	0.83	1.27
MJ 514.0 BUSHMEAD/MIDLAND GATE	Urban	Shire of Mundaring	236	442.7	130.6	1.49	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MJ 514.0 BUSHMEAD/MIDLAND GATE	Urban	Total	955	295.8	130.6	0.99	1.27
MJ 515.0 28 HYDE ST	Urban	Total - City of Swan	12	0.0	130.6	0.00	1.27
MJ 528.0 BRICK WORKS No1	Urban	Total - City of Swan	861	482.1	130.6	2.21	1.27
MJ 537.0 19 ABINGDON RD	Rural Short	Shire of Mundaring	1,247	65.3	215.4	1.19	2.34
MJ 537.0 19 ABINGDON RD	Rural Short	City of Swan	1,171	27.6	215.4	0.50	2.34
MJ 537.0 19 ABINGDON RD	Rural Short	Total	2,418	48.0	215.4	0.87	2.34
MJ 538.0 16 JAMES RD	Rural Short	Total - City of Swan	926	353.3	215.4	1.16	2.34
MJP 507.0 PEMBERTON	Rural Long	Total - Shire of Manjimup	910	1,312.5	848.3	9.26	5.70
MJP 511.0 MANJIMUP	Rural Short	Total - Shire of Manjimup	1,683	269.5	215.4	3.46	2.34
MJP 512.0 DEANMILL	Rural Long	Total - Shire of Manjimup	1,791	384.5	848.3	3.60	5.70
MJP 514.0 QUINNINUP	Rural Long	Total - Shire of Manjimup	810	796.8	848.3	4.14	5.70
MLG 510.0 BEACH RD	Urban	City of Stirling	1,388	326.9	130.6	1.90	1.27
MLG 510.0 BEACH RD	Urban	City of Swan	418	584.9	130.6	3.40	1.27
MLG 510.0 BEACH RD	Urban	Total	1,806	386.8	130.6	2.25	1.27
MLG 524.0 33 HOLDER ST	Urban	Total - City of Swan	703	151.2	130.6	2.07	1.27
MLG 527.0 12 WIDGE RD	Urban	City of Stirling	1,711	12.0	130.6	0.78	1.27
MLG 527.0 12 WIDGE RD	Urban	City of Bayswater	623	29.2	130.6	1.89	1.27
MLG 527.0 12 WIDGE RD	Urban	Total	2,334	16.6	130.6	1.08	1.27
MLG 543.0	Urban	City of Stirling	1,385	26.8	130.6	0.22	1.27
MLG 543.0	Urban	City of Wanneroo	1,265	127.4	130.6	1.04	1.27
MLG 543.0	Urban	Total	2,660	73.7	130.6	0.60	1.27
MLG 546.0 25 FINANCE PL	Urban	Total - City of Swan	2,802	41.7	130.6	0.21	1.27
MLG 547.0	Urban	Total - City of Swan	2,404	20.0	130.6	0.02	1.27
MO 337.0 LAWRENCE ST	Urban	City of Bayswater	2,481	87.6	130.6	1.03	1.27
MO 337.0 LAWRENCE ST	Urban	City of Stirling	1,269	203.9	130.6	2.40	1.27
MO 337.0 LAWRENCE ST	Urban	Total	3,750	126.7	130.6	1.49	1.27
MO 338.0	Urban	City of Bayswater	3,024	209.0	130.6	2.46	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MO 338.0	Urban	City of Stirling	345	27.6	130.6	0.32	1.27
MO 338.0	Urban	Total	3,369	190.3	130.6	2.24	1.27
MO 340.0 L47 CATHERINE ST	Urban	Total - City of Bayswater	2,158	108.9	130.6	0.46	1.27
MO 341.0 CATHERINE ST	Urban	City of Stirling	1,259	117.8	130.6	1.31	1.27
MO 341.0 CATHERINE ST	Urban	City of Bayswater	597	56.1	130.6	0.62	1.27
MO 341.0 CATHERINE ST	Urban	Total	1,856	98.6	130.6	1.10	1.27
MO 354.0 145 RUSSELL ST	Urban	City of Stirling	1,339	0.4	130.6	0.00	1.27
MO 354.0 145 RUSSELL ST	Urban	City of Bayswater	388	0.3	130.6	0.00	1.27
MO 354.0 145 RUSSELL ST	Urban	Total	1,727	0.4	130.6	0.00	1.27
MO 355.0 231 DRAKE ST	Urban	City of Bayswater	667	45.7	130.6	0.28	1.27
MO 355.0 231 DRAKE ST	Urban	City of Stirling	559	46.9	130.6	0.29	1.27
MO 355.0 231 DRAKE ST	Urban	Total	1,226	46.2	130.6	0.28	1.27
MO 357.0 R.A COOK RESERVE B	Urban	Total - City of Stirling	1,436	128.1	130.6	0.52	1.27
MO 361.0 GOODE ST EAST	Urban	Total - City of Bayswater	1,898	435.7	130.6	2.95	1.27
MO 362.0 FORT ST	Urban	Total - City of Bayswater	1,478	180.4	130.6	1.32	1.27
MO 370.0 GOODE ST WEST	Urban	City of Stirling	1,518	494.2	130.6	1.56	1.27
MO 370.0 GOODE ST WEST	Urban	City of Bayswater	355	275.4	130.6	0.87	1.27
MO 370.0 GOODE ST WEST	Urban	Total	1,873	453.5	130.6	1.43	1.27
MO 371.0 RUSSELL ST	Urban	Total - City of Bayswater	123	0.0	130.6	0.00	1.27
MOR 601.0 MOORA	Urban	Total - Shire of Moora	937	274.6	130.6	3.13	1.27
MOR 603.0 NEW NORCIA	Rural Long	Shire of Victoria Plains	451	597.5	848.3	2.17	5.70
MOR 603.0 NEW NORCIA	Rural Long	Shire of Moora	37	856.9	848.3	3.12	5.70
MOR 603.0 NEW NORCIA	Rural Long	Shire of Goomalling	17	1,098.1	848.3	4.00	5.70
MOR 603.0 NEW NORCIA	Rural Long	Shire of Dandaragan	15	867.0	848.3	3.15	5.70
MOR 603.0 NEW NORCIA	Rural Long	Total	522	639.2	848.3	2.33	5.70
MOR 607.0 WONGAN HILLS SOUTH	Rural Long	Shire of Wongan-Ballidu	954	468.5	848.3	3.08	5.70
MOR 607.0 WONGAN HILLS SOUTH	Rural Long	Shire of Dalwallinu	176	861.6	848.3	5.67	5.70



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MOR 607.0 WONGAN HILLS SOUTH	Rural Long	Shire of Dowerin	61	962.6	848.3	6.33	5.70
MOR 607.0 WONGAN HILLS SOUTH	Rural Long	Shire of Goomalling	55	594.6	848.3	3.91	5.70
MOR 607.0 WONGAN HILLS SOUTH	Rural Long	Shire of Koorda	45	489.9	848.3	3.22	5.70
MOR 607.0 WONGAN HILLS SOUTH	Rural Long	Total	1,300	551.1	848.3	3.63	5.70
MOR 609.0 WONGAN HILLS NORTH	Rural Long	Shire of Moora	96	2,528.3	848.3	8.72	5.70
MOR 609.0 WONGAN HILLS NORTH	Rural Long	Shire of Wongan-Ballidu	36	2,758.4	848.3	9.51	5.70
MOR 609.0 WONGAN HILLS NORTH	Rural Long	Shire of Victoria Plains	18	1,081.9	848.3	3.73	5.70
MOR 609.0 WONGAN HILLS NORTH	Rural Long	Total	152	2,416.7	848.3	8.33	5.70
MOR 610.0 DALWALLINU	Rural Long	Shire of Dalwallinu	771	1,090.0	848.3	7.82	5.70
MOR 610.0 DALWALLINU	Rural Long	Shire of Moora	129	1,063.2	848.3	7.63	5.70
MOR 610.0 DALWALLINU	Rural Long	Total	901	1,086.2	848.3	7.79	5.70
MOR 612.0 WATHEROO	Rural Long	Shire of Moora	213	1,759.5	848.3	3.62	5.70
MOR 612.0 WATHEROO	Rural Long	Shire of Coorow	72	2,230.1	848.3	4.59	5.70
MOR 612.0 WATHEROO	Rural Long	Shire of Dalwallinu	13	2,702.3	848.3	5.56	5.70
MOR 612.0 WATHEROO	Rural Long	Shire of Dandaragan	7	3,546.2	848.3	7.29	5.70
MOR 612.0 WATHEROO	Rural Long	Total	304	1,944.9	848.3	4.00	5.70
MOR 613.0 DANDARAGAN	Rural Long	Shire of Dandaragan	611	636.4	848.3	4.34	5.70
MOR 613.0 DANDARAGAN	Rural Long	Shire of Moora	85	1,950.2	848.3	13.29	5.70
MOR 613.0 DANDARAGAN	Rural Long	Total	696	796.8	848.3	5.43	5.70
MR 508.0 AUGUSTA	Rural Long	Total - Shire Augusta-Margaret River	2,513	206.0	848.3	3.15	5.70
MR 550.0 COWARAMUP	Rural Long	Shire of Augusta-Margaret River	2,156	169.4	848.3	2.80	5.70
MR 550.0 COWARAMUP	Rural Long	City of Busselton	111	107.8	848.3	1.78	5.70
MR 550.0 COWARAMUP	Rural Long	Total	2,267	166.4	848.3	2.75	5.70
MR 551.0 PREVELLY	Rural Short	Total - Shire Augusta-Margaret River	3,110	292.4	215.4	2.54	2.34
MRR 502.0 DEVLIN RD	Rural Short	Total - Shire of Harvey	3,220	65.3	215.4	1.46	2.34
MRR 531.0 MARRIOT ROAD EAST	Rural Long	Total - Shire of Harvey	1,734	229.7	848.3	3.29	5.70
MRR 534.0 BINNINGUP	Rural Long	Total - Shire of Harvey	1,449	282.7	848.3	1.51	5.70

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MSR 506.0 PATTERSON RD	Urban	City of Kwinana	40	171.7	130.6	2.64	1.27
MSR 506.0 PATTERSON RD	Urban	City of Rockingham	8	110.8	130.6	1.70	1.27
MSR 506.0 PATTERSON RD	Urban	Total	48	161.0	130.6	2.47	1.27
MSR 507.0 MANDURAH RD	Urban	Total - City of Kwinana	140	314.8	130.6	1.16	1.27
MSS 504.0 L1808 TANDURE CIR	Rural Short	City of Mandurah	3,625	111.2	215.4	1.24	2.34
MSS 504.0 L1808 TANDURE CIR	Rural Short	Shire of Murray	173	23.0	215.4	0.26	2.34
MSS 504.0 L1808 TANDURE CIR	Rural Short	Total	3,798	103.0	215.4	1.15	2.34
MSS 505.0 L327 FREMANTLE RD	Urban	City of Rockingham	2,070	735.2	130.6	7.73	1.27
MSS 505.0 L327 FREMANTLE RD	Urban	City of Mandurah	1,055	184.3	130.6	1.94	1.27
MSS 505.0 L327 FREMANTLE RD	Urban	Total	3,125	611.4	130.6	6.43	1.27
MSS 508.0 MEADOW SPRINGS B RMU	Urban	Total - City of Mandurah	4,083	14.0	130.6	0.07	1.27
MSS 529.0 PARKLANDS TUNNEL	Rural Short	City of Rockingham	3,524	350.3	215.4	5.90	2.34
MSS 529.0 PARKLANDS TUNNEL	Rural Short	City of Mandurah	405	341.0	215.4	5.74	2.34
MSS 529.0 PARKLANDS TUNNEL	Rural Short	Total	3,955	349.2	215.4	5.88	2.34
MSS 530.0 L281 GORDON RD	Rural Short	Total - City of Mandurah	3,161	65.3	215.4	1.87	2.34
MSS 536.0 L9003 MANDURAH RD	Urban	City of Rockingham	4,353	146.1	130.6	3.90	1.27
MSS 536.0 L9003 MANDURAH RD	Urban	City of Mandurah	268	37.9	130.6	1.01	1.27
MSS 536.0 L9003 MANDURAH RD	Urban	Total	4,621	139.8	130.6	3.74	1.27
MSS 540.0 L303 MEADOW SPRINGS DRV	Urban	Total - City of Mandurah	3,908	13.9	130.6	0.10	1.27
MUC 505.0 FEWSTER STH	Rural Short	City of Swan	1,106	748.3	215.4	7.83	2.34
MUC 505.0 FEWSTER STH	Rural Short	Shire of Chittering	230	308.2	215.4	3.22	2.34
MUC 505.0 FEWSTER STH	Rural Short	Total	1,336	671.4	215.4	7.02	2.34
MUC 510.0 GREAT NORTHERN HWY	Rural Long	Total - Shire of Chittering	2,231	469.6	848.3	2.87	5.70
MUC 511.0 BRAND NTH	Rural Short	City of Wanneroo	34	379.6	215.4	1.61	2.34
MUC 511.0 BRAND NTH	Rural Short	Shire of Chittering	3	134.9	215.4	0.57	2.34
MUC 511.0 BRAND NTH	Rural Short	Total	37	359.8	215.4	1.52	2.34
MUC 536.0 BRAND SOUTH (LS)	Rural Short	City of Swan	1,964	203.4	215.4	2.39	2.34



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MUC 536.0 BRAND SOUTH (LS)	Rural Short	Shire of Chittering	153	30.8	215.4	0.36	2.34
MUC 536.0 BRAND SOUTH (LS)	Rural Short	Total	2,117	191.1	215.4	2.24	2.34
MUC 537.0 L1702 BRYNE RD	Rural Long	Shire of Gingin	951	805.2	848.3	12.77	5.70
MUC 537.0 L1702 BRYNE RD	Rural Long	Shire of Chittering	48	148.8	848.3	2.36	5.70
MUC 537.0 L1702 BRYNE RD	Rural Long	Total	999	773.6	848.3	12.27	5.70
MUL 503.0 OCEAN REEF RD	Urban	Total - City of Joondalup	3,385	34.2	130.6	0.20	1.27
MUL 504.0 BEENYUP TREATMENT PLANT	Urban	Total - City of Joondalup	976	107.7	130.6	1.05	1.27
MUL 507.0 WANGARA	Urban	Total - City of Wanneroo	1,860	28.2	130.6	0.25	1.27
MUL 509.0 MULLALOO DRIVE EAST	Urban	City of Wanneroo	2,700	77.3	130.6	2.73	1.27
MUL 509.0 MULLALOO DRIVE EAST	Urban	City of Joondalup	569	55.4	130.6	1.95	1.27
MUL 509.0 MULLALOO DRIVE EAST	Urban	Total	3,269	73.5	130.6	2.59	1.27
MUL 510.0 JOONDALUP DRIVE	Urban	Total - City of Joondalup	417	0.0	130.6	0.00	1.27
MUL 515.0 L11 JOONDALUP DR RMU	Urban	Total - City of Joondalup	1,166	84.7	130.6	0.42	1.27
MUL 518.0 TRAPPERS/CONIDAE	Urban	Total - City of Joondalup	3,623	119.3	130.6	1.45	1.27
MUL 520.0 WEDGEWOOD	Urban	Total - City of Joondalup	817	233.3	130.6	0.33	1.27
MUL 522.0 49 JOONDALUP DR	Urban	Total - City of Joondalup	44	0.0	130.6	0.00	1.27
MUR 504.0 L4252 MURDOCH DR	Urban	City of Melville	411	0.0	130.6	0.00	1.27
MUR 504.0 L4252 MURDOCH DR	Urban	City of Cockburn	207	0.0	130.6	0.00	1.27
MUR 504.0 L4252 MURDOCH DR	Urban	Total	618	0.0	130.6	0.00	1.27
MUR 507.0 125 CASSERLEY AVE	Urban	City of Cockburn	1,148	73.5	130.6	1.31	1.27
MUR 507.0 125 CASSERLEY AVE	Urban	City of Melville	365	67.7	130.6	1.21	1.27
MUR 507.0 125 CASSERLEY AVE	Urban	Total	1,513	71.9	130.6	1.28	1.27
MUR 524.0 HOPE RD	Urban	Total - City of Cockburn	2,266	179.1	130.6	3.68	1.27
MUR 525.0 MURDOCH STATION	Urban	City of Melville	10	0.0	130.6	0.00	1.27
MUR 525.0 MURDOCH STATION	Urban	City of Cockburn	1	0.0	130.6	0.00	1.27
MUR 525.0 MURDOCH STATION	Urban	Total	11	0.0	130.6	0.00	1.27
MUR 527.0 MURDOCH DR 1 RMU	Urban	Total - City of Melville	1,544	232.0	130.6	1.20	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
MYR 501.0 GARDEN CITY SW/RM	Urban	Total - City of Melville	255	0.0	130.6	0.00	1.27
MYR 504.0 709 CANNING HWY	Urban	Total - City of Melville	1,707	58.9	130.6	1.12	1.27
MYR 505.0 OPP 185 KITCHENER RD	Urban	Total - City of Melville	3,400	41.2	130.6	1.21	1.27
MYR 508.0 NORMA RD NORTH	Urban	Total - City of Melville	1,997	20.5	130.6	0.03	1.27
MYR 510.0 KITCHENER RD EAST	Urban	Total - City of Melville	2,042	23.8	130.6	0.07	1.27
MYR 511.0 20 HORROCKS RD	Urban	Total - City of Melville	2,328	8.2	130.6	0.04	1.27
MYR 514.0 NORMA RD SOUTH	Urban	Total - City of Melville	85	0.0	130.6	0.00	1.27
NB 501.0 37 EVERINGHAM ST	Urban	City of Joondalup	2,215	223.1	130.6	1.34	1.27
NB 501.0 37 EVERINGHAM ST	Urban	City of Stirling	600	53.0	130.6	0.32	1.27
NB 501.0 37 EVERINGHAM ST	Urban	Total	2,815	181.0	130.6	1.09	1.27
NB 502.0 WALDORF ST	Urban	City of Stirling	2,174	994.5	130.6	2.58	1.27
NB 502.0 WALDORF ST	Urban	City of Joondalup	360	1,241.2	130.6	3.23	1.27
NB 502.0 WALDORF ST	Urban	Total	2,534	1,039.5	130.6	2.70	1.27
NB 504.0 BRADWELL ST	Urban	Total - City of Stirling	2,473	297.5	130.6	5.09	1.27
NB 508.0 CLEMENT DR	Urban	Total - City of Stirling	1,916	153.8	130.6	1.37	1.27
NB 513.0 MARMION AVE	Urban	City of Joondalup	1,359	3.1	130.6	0.03	1.27
NB 513.0 MARMION AVE	Urban	City of Stirling	110	1.1	130.6	0.01	1.27
NB 513.0 MARMION AVE	Urban	Total	1,469	2.9	130.6	0.03	1.27
NB 514.0 REID HWY	Urban	City of Joondalup	1,527	18.0	130.6	0.04	1.27
NB 514.0 REID HWY	Urban	City of Stirling	432	0.0	130.6	0.00	1.27
NB 514.0 REID HWY	Urban	Total	1,959	14.0	130.6	0.03	1.27
NB 518.0 EVERINGHAM ST NORTH	Urban	City of Joondalup	1,526	112.3	130.6	1.74	1.27
NB 518.0 EVERINGHAM ST NORTH	Urban	City of Stirling	441	137.6	130.6	2.13	1.27
NB 518.0 EVERINGHAM ST NORTH	Urban	Total	1,967	117.0	130.6	1.81	1.27
NB 519.0 BEACH RD WEST	Urban	City of Joondalup	2,044	116.7	130.6	0.76	1.27
NB 519.0 BEACH RD WEST	Urban	City of Stirling	1,087	167.7	130.6	1.09	1.27
NB 519.0 BEACH RD WEST	Urban	Total	3,131	134.5	130.6	0.88	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
NB 520.0 EVERINGHAM ST STH	Urban	Total - City of Stirling	496	149.8	130.6	0.44	1.27
NGN 502.0 NARROGIN EAST	Rural Long	Shire of Pingelly	726	406.6	848.3	3.60	5.70
NGN 502.0 NARROGIN EAST	Rural Long	Shire of Narrogin	701	143.2	848.3	1.27	5.70
NGN 502.0 NARROGIN EAST	Rural Long	Shire of Brookton	600	766.3	848.3	6.79	5.70
NGN 502.0 NARROGIN EAST	Rural Long	Shire of Beverley	135	1,454.7	848.3	12.88	5.70
NGN 502.0 NARROGIN EAST	Rural Long	Shire of Cuballing	75	327.4	848.3	2.90	5.70
NGN 502.0 NARROGIN EAST	Rural Long	Shire of Corrigin	48	1,753.8	848.3	15.53	5.70
NGN 502.0 NARROGIN EAST	Rural Long	Total	2,285	508.1	848.3	4.50	5.70
NGN 504.0 NARROGIN WEST	Rural Short	Total - Shire of Narrogin	1,650	33.6	215.4	1.02	2.34
NGN 506.0 WILLIAMS	Rural Long	Shire of Williams	602	367.3	848.3	2.24	5.70
NGN 506.0 WILLIAMS	Rural Long	Shire of Narrogin	148	16.4	848.3	0.10	5.70
NGN 506.0 WILLIAMS	Rural Long	Shire of Boddington	50	504.6	848.3	3.07	5.70
NGN 506.0 WILLIAMS	Rural Long	Total	800	309.9	848.3	1.89	5.70
NGN 509.0 Highbury	Rural Long	Shire of Narrogin	192	259.8	848.3	2.23	5.70
NGN 509.0 Highbury	Rural Long	Shire of Wickepin	100	421.4	848.3	3.62	5.70
NGN 509.0 Highbury	Rural Long	Shire of Kulin	27	309.4	848.3	2.66	5.70
NGN 509.0 Highbury	Rural Long	Shire of Wagin	25	209.8	848.3	1.80	5.70
NGN 509.0 Highbury	Rural Long	Shire of Dumbleyung	17	310.9	848.3	2.67	5.70
NGN 509.0 Highbury	Rural Long	Total	361	307.4	848.3	2.64	5.70
NGN 511.0 WICKEPIN	Rural Long	Shire of Wickepin	284	208.9	848.3	1.71	5.70
NGN 511.0 WICKEPIN	Rural Long	Shire of Narrogin	73	59.0	848.3	0.48	5.70
NGN 511.0 WICKEPIN	Rural Long	Shire of Cuballing	35	394.5	848.3	3.23	5.70
NGN 511.0 WICKEPIN	Rural Long	Total	392	196.7	848.3	1.61	5.70
NGN 513.0 BROOKTON	Rural Long	Shire of Cuballing	403	260.2	848.3	2.49	5.70
NGN 513.0 BROOKTON	Rural Long	Shire of Wandering	230	87.5	848.3	0.84	5.70
NGN 513.0 BROOKTON	Rural Long	Shire of Narrogin	24	915.4	848.3	8.76	5.70
NGN 513.0 BROOKTON	Rural Long	Shire of Pingelly	23	218.3	848.3	2.09	5.70

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
NGN 513.0 BROOKTON	Rural Long	Total	700	223.5	848.3	2.14	5.70
NOR 501.0 GRASS VALLEY	Urban	Total - Shire of Northam	29	1,026.9	130.6	5.31	1.27
NOR 502.0 GOOMALLING	Rural Long	Shire of Goomalling	573	646.0	848.3	5.28	5.70
NOR 502.0 GOOMALLING	Rural Long	Shire of Northam	187	1,607.2	848.3	13.13	5.70
NOR 502.0 GOOMALLING	Rural Long	Total	773	879.4	848.3	7.19	5.70
NOR 512.0 NORTHAM SOUTH	Rural Short	Total - Shire of Northam	869	180.2	215.4	4.97	2.34
NOR 532.0 TOODYAY EAST	Rural Long	Shire of Toodyay	1,733	285.0	848.3	2.45	5.70
NOR 532.0 TOODYAY EAST	Rural Long	Shire of Victoria Plains	125	431.4	848.3	3.71	5.70
NOR 532.0 TOODYAY EAST	Rural Long	Total	1,866	295.0	848.3	2.54	5.70
NOR 535.0 TOODYAY WEST	Rural Short	Shire of Toodyay	655	860.6	215.4	4.19	2.34
NOR 535.0 TOODYAY WEST	Rural Short	Shire of Northam	262	6.3	215.4	0.03	2.34
NOR 535.0 TOODYAY WEST	Rural Short	Total	917	613.4	215.4	2.99	2.34
NOR 538.0 NORTHAM NORTH	Rural Short	Total - Shire of Northam	1,321	39.7	215.4	1.06	2.34
NOR 540.0 YORK	Rural Long	Shire of York	2,169	147.7	848.3	1.49	5.70
NOR 540.0 YORK	Rural Long	Shire of Beverley	988	747.1	848.3	7.55	5.70
NOR 540.0 YORK	Rural Long	Shire of Northam	149	78.7	848.3	0.80	5.70
NOR 540.0 YORK	Rural Long	Total	3,309	324.0	848.3	3.28	5.70
NOR 545.0 NORTHAM TOWNSITE	Rural Short	Shire of Northam	1,384	219.9	215.4	2.05	2.34
NOR 545.0 NORTHAM TOWNSITE	Rural Short	Shire of York	50	852.0	215.4	7.95	2.34
NOR 545.0 NORTHAM TOWNSITE	Rural Short	Total	1,434	241.6	215.4	2.26	2.34
NP 303.0 RICHMOND ST	Urban	Total - City of Vincent	918	0.4	130.6	0.00	1.27
NP 305.0 159 LOFTUS ST	Urban	City of Vincent	3,146	103.0	130.6	0.32	1.27
NP 305.0 159 LOFTUS ST	Urban	City of Stirling	1,243	80.2	130.6	0.25	1.27
NP 305.0 159 LOFTUS ST	Urban	Total	4,389	96.6	130.6	0.30	1.27
NP 307.0 CHARLES ST SOUTH	Urban	City of Vincent	1,234	25.5	130.6	0.11	1.27
NP 307.0 CHARLES ST SOUTH	Urban	Town of Cambridge	1,224	42.1	130.6	0.18	1.27
NP 307.0 CHARLES ST SOUTH	Urban	City of Stirling	425	28.6	130.6	0.13	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
NP 307.0 CHARLES ST SOUTH	Urban	Total	2,883	33.0	130.6	0.14	1.27
NP 309.0 VIEW ST	Urban	City of Vincent	2,100	58.9	130.6	0.26	1.27
NP 309.0 VIEW ST	Urban	City of Stirling	551	0.0	130.6	0.00	1.27
NP 309.0 VIEW ST	Urban	Total	2,686	46.8	130.6	0.21	1.27
NP 310.0 110 LOFTUS ST	Urban	City of Vincent	243	0.0	130.6	0.00	1.27
NP 310.0 110 LOFTUS ST	Urban	Town of Cambridge	35	0.0	130.6	0.00	1.27
NP 310.0 110 LOFTUS ST	Urban	Total	283	16.0	130.6	0.02	1.27
NP 316.0 215 LOFTUS ST	Urban	City of Vincent	1,301	37.5	130.6	0.09	1.27
NP 316.0 215 LOFTUS ST	Urban	City of Stirling	274	555.8	130.6	1.39	1.27
NP 316.0 215 LOFTUS ST	Urban	Total	1,575	135.2	130.6	0.34	1.27
NP 317.0 PALMERSTON ST	Urban	City of Vincent	470	0.0	130.6	0.00	1.27
NP 317.0 PALMERSTON ST	Urban	City of Perth	321	0.0	130.6	0.00	1.27
NP 317.0 PALMERSTON ST	Urban	Total	791	0.0	130.6	0.00	1.27
NP 319.0 BOURKE ST WEST	Urban	City of Vincent	968	5.9	130.6	0.04	1.27
NP 319.0 BOURKE ST WEST	Urban	Town of Cambridge	832	0.2	130.6	0.00	1.27
NP 319.0 BOURKE ST WEST	Urban	Total	1,800	3.2	130.6	0.02	1.27
NP 321.0 CHARLES ST NORTH	Urban	Total - City of Vincent	1,475	1.5	130.6	0.00	1.27
NP 323.0 CHARLES ST FLATS	Urban	Total - City of Vincent	1,004	26.9	130.6	0.62	1.27
NP 324.0 WOODVILLE ST	Urban	City of Vincent	1,602	24.6	130.6	0.17	1.27
NP 324.0 WOODVILLE ST	Urban	City of Stirling	410	37.4	130.6	0.26	1.27
NP 324.0 WOODVILLE ST	Urban	Total	2,012	27.3	130.6	0.19	1.27
OC 501.0 ANTILL L/S	Urban	Total - City of Melville	1,924	80.7	130.6	0.76	1.27
OC 504.0 LUCAS ST	Urban	Total - City of Melville	738	1.6	130.6	0.06	1.27
OC 505.0 WEATHERBURN WAY	Urban	City of Melville	1,930	3.7	130.6	0.07	1.27
OC 505.0 WEATHERBURN WAY	Urban	City of Cockburn	1,115	201.6	130.6	3.69	1.27
OC 505.0 WEATHERBURN WAY	Urban	Total	3,045	76.6	130.6	1.40	1.27
OC 508.0 BOWEN ST	Urban	City of Cockburn	1,827	38.0	130.6	0.33	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
OC 508.0 BOWEN ST	Urban	City of Fremantle	1,074	265.7	130.6	2.30	1.27
OC 508.0 BOWEN ST	Urban	City of Melville	935	31.4	130.6	0.27	1.27
OC 508.0 BOWEN ST	Urban	Total	3,837	100.5	130.6	0.87	1.27
OC 510.0 GARLING ST WEST	Urban	City of Melville	146	0.0	130.6	0.00	1.27
OC 510.0 GARLING ST WEST	Urban	City of Fremantle	47	0.0	130.6	0.00	1.27
OC 510.0 GARLING ST WEST	Urban	Total	193	0.0	130.6	0.00	1.27
OC 511.0 240 LEACH HWY	Urban	Total - City of Melville	1,537	51.7	130.6	0.19	1.27
OC 516.0 97 GARLING ST	Urban	Total - City of Fremantle	1,309	125.2	130.6	2.79	1.27
OC 517.0 GARLING EAST	Urban	Total - City of Melville	3,159	36.7	130.6	0.19	1.27
OP 301.0 401 SCARBOROUGH BEACH RD	Urban	Total - City of Stirling	463	0.0	130.6	0.00	1.27
OP 302.0 L57 SELBY ST NTH	Urban	Total - City of Stirling	99	1.9	130.6	0.01	1.27
OP 305.0 433 SCARBOROUGH BEACH RD	Urban	Total - City of Stirling	809	183.6	130.6	1.38	1.27
OP 310.0 9 KING EDWARD RD	Urban	Total - City of Stirling	214	14.1	130.6	0.09	1.27
OP 311.0 SELBY ST	Urban	Total - City of Stirling	143	159.1	130.6	0.93	1.27
OP 323.0 388 SCARBOROUGH	Urban	Total - City of Stirling	1,354	0.0	130.6	0.00	1.27
OP 324.0 HASLER RD/401 SCARBOROUGH	Urban	Total - City of Stirling	2,907	109.6	130.6	0.26	1.27
OP 325.0 16 FROBISHER ST	Urban	Total - City of Stirling	437	6.2	130.6	0.03	1.27
OP 327.0 L165 WALTERS DR	Urban	Total - City of Stirling	48	23.8	130.6	2.73	1.27
OP 331.0 GUTHRIE ST	Urban	Total - City of Stirling	369	0.4	130.6	0.00	1.27
OP 340.0 4 ELLEN STIRLING/ HOWE ST	Urban	Total - City of Stirling	1,639	239.1	130.6	3.72	1.27
OP 341.0 SARICH CT/ 466 SCARBOROUGH	Urban	Total - City of Stirling	1,242	137.8	130.6	1.63	1.27
PBY 504.0 ENDEAVOUR RD	Urban	Total - City of Joondalup	1,953	270.8	130.6	3.02	1.27
PBY 507.0 83 GIBSON AVE	Urban	Total - City of Joondalup	3,111	180.9	130.6	1.59	1.27
PBY 508.0 56 WARBURTON AVE	Urban	Total - City of Joondalup	2,467	175.0	130.6	1.25	1.27
PBY 516.0 MARMION AVE NORTH	Urban	Total - City of Joondalup	2,724	92.9	130.6	0.42	1.27
PBY 526.0 MARMION AVE SOUTH	Urban	Total - City of Joondalup	3,258	110.5	130.6	1.21	1.27
PBY 536.0 GIBSON AVE	Urban	Total - City of Joondalup	2,754	275.3	130.6	1.40	1.27



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
PBY 537.0 WHITFORDS AVE EAST	Urban	Total - City of Joondalup	3,079	29.1	130.6	0.14	1.27
PBY 540.0 243 GIBSON AVE	Urban	Total - City of Joondalup	3,094	68.9	130.6	1.15	1.27
PCY 302.0 ARTHUR ST	Urban	Total - City of Kalgoorlie-Boulder	429	109.6	130.6	0.36	1.27
PCY 305.0 PICCADILLY NORTH/EGAN	Urban	Total - City of Kalgoorlie-Boulder	1,238	3.5	130.6	0.12	1.27
PCY 306.0 PARSON ST	Urban	Total - City of Kalgoorlie-Boulder	1,789	0.3	130.6	0.00	1.27
PCY 309.0 WITTENOOM ST/BROOKMAN ST	Urban	Total - City of Kalgoorlie-Boulder	1,076	21.2	130.6	0.17	1.27
PCY 310.0 LIONEL WEST	Rural Short	Total - City of Kalgoorlie-Boulder	1,362	22.0	215.4	0.17	2.34
PCY 312.0 LIONEL EAST/PORTER ST	Urban	Total - City of Kalgoorlie-Boulder	1,741	25.6	130.6	0.16	1.27
PCY 313.0 LANE ST	Urban	Total - City of Kalgoorlie-Boulder	347	25.5	130.6	0.37	1.27
PCY 323.0 PICCADILLY SOUTH	Urban	Total - City of Kalgoorlie-Boulder	522	12.6	130.6	0.12	1.27
PCY 324.0 KEENAN ST	Urban	Total - City of Kalgoorlie-Boulder	818	171.1	130.6	1.15	1.27
PCY 326.0 EGAN ST	Urban	Total - City of Kalgoorlie-Boulder	786	0.2	130.6	0.00	1.27
PCY 327.0 PORTER ST	Urban	Total - City of Kalgoorlie-Boulder	1,097	18.3	130.6	0.16	1.27
PCY 331.0 BROOKMAN ST	Urban	Total - City of Kalgoorlie-Boulder	1,225	3.2	130.6	0.02	1.27
PIC 504.0 BRUNSWICK	Rural Short	Shire of Dardanup	446	58.9	215.4	0.34	2.34
PIC 504.0 BRUNSWICK	Rural Short	Shire of Harvey	378	420.0	215.4	2.40	2.34
PIC 504.0 BRUNSWICK	Rural Short	Total	828	224.8	215.4	1.29	2.34
PIC 505.0 LAPORTE 2	Urban	Shire of Dardanup	2,596	227.4	130.6	2.61	1.27
PIC 505.0 LAPORTE 2	Urban	Shire of Harvey	1,583	197.4	130.6	2.27	1.27
PIC 505.0 LAPORTE 2	Urban	Total	4,193	216.3	130.6	2.48	1.27
PIC 510.0 LAPORTE 1	Urban	Shire of Dardanup	1,885	3.9	130.6	0.16	1.27
PIC 510.0 LAPORTE 1	Urban	City of Bunbury	1,236	137.4	130.6	5.74	1.27
PIC 510.0 LAPORTE 1	Urban	Total	3,126	56.7	130.6	2.37	1.27
PIC 511.0 C.S.B.P.	Rural Short	Shire of Capel	469	90.0	215.4	1.18	2.34
PIC 511.0 C.S.B.P.	Rural Short	City of Bunbury	149	74.6	215.4	0.98	2.34
PIC 511.0 C.S.B.P.	Rural Short	Total	629	86.3	215.4	1.13	2.34
PIC 513.0 MOORE RD	Rural Short	Total - Shire of Dardanup	295	359.9	215.4	3.56	2.34

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
PIC 514.0 KIRUP	Rural Long	Shire of Donnybrook-Balingup	916	224.4	848.3	1.37	5.70
PIC 514.0 KIRUP	Rural Long	Shire of Dardanup	845	375.0	848.3	2.30	5.70
PIC 514.0 KIRUP	Rural Long	Shire of Capel	284	164.0	848.3	1.01	5.70
PIC 514.0 KIRUP	Rural Long	Total	2,062	277.8	848.3	1.70	5.70
PNJ 505.0 PATERSON RD B RMU	Rural Short	Total - Shire of Murray	180	21.0	215.4	0.16	2.34
PNJ 516.0 MURRAY RIVER	Rural Short	Total - Shire of Murray	2,618	76.6	215.4	1.11	2.34
PNJ 517.0 L2 OLD MANDURAH RD 3 RMU	Rural Long	Shire of Murray	2,247	575.6	848.3	8.75	5.70
PNJ 517.0 L2 OLD MANDURAH RD 3 RMU	Rural Long	Shire of Serpentine-Jarrahdale	90	2,616.8	848.3	39.77	5.70
PNJ 517.0 L2 OLD MANDURAH RD 3 RMU	Rural Long	Total	2,337	656.5	848.3	9.98	5.70
PNJ 527.0 72 OLD MANDURAH RD 3 RMU	Rural Long	Total - Shire of Murray	139	0.0	848.3	0.00	5.70
RAN 307.0 75 CHAPMAN RD	Urban	Total - City of Greater Geraldton	2,136	188.9	130.6	0.54	1.27
RAN 308.0 L3 NORTH WEST COASTAL HWY	Urban	Total - City of Greater Geraldton	2,475	24.2	130.6	0.14	1.27
RAN 321.0 7 SCOTT RD	Rural Short	Total - City of Greater Geraldton	607	2.7	215.4	0.01	2.34
RAN 323.0 233 DURLACHER ST	Urban	Total - City of Greater Geraldton	243	843.8	130.6	1.41	1.27
RAN 324.0 53 GERALDTON PRIM/PASS ST	Urban	Total - City of Greater Geraldton	1,712	40.8	130.6	0.20	1.27
RAN 341.0 9 HOWES ST	Rural Short	Total - City of Greater Geraldton	1,643	150.4	215.4	1.68	2.34
RAN 342.0 19 CARSON ST	Rural Short	Total - City of Greater Geraldton	726	22.4	215.4	2.26	2.34
RAN 351.0 26 CHAPMAN RD	Rural Short	Total - City of Greater Geraldton	234	6.1	215.4	0.07	2.34
RAN 352.0 233 DURLACHER ST	Urban	Total - City of Greater Geraldton	1,559	260.7	130.6	4.99	1.27
RGN 506.0 WANERIE	Rural Long	Total - Shire of Gingin	787	704.4	848.3	4.74	5.70
RGN 508.0 BEERMULLAH	Rural Short	Total - Shire of Gingin	137	183.6	215.4	1.17	2.34
RGN 604.0 LANCELIN	Rural Long	Total - Shire of Gingin	2,034	1,316.5	848.3	4.22	5.70
RGN 610.0 MOGUMBER	Rural Long	Shire of Chittering	144	1,400.7	848.3	6.73	5.70
RGN 610.0 MOGUMBER	Rural Long	Shire of Victoria Plains	116	712.5	848.3	3.42	5.70
RGN 610.0 MOGUMBER	Rural Long	Shire of Gingin	97	509.4	848.3	2.45	5.70
RGN 610.0 MOGUMBER	Rural Long	Shire of Dandaragan	35	1,789.7	848.3	8.59	5.70
RGN 610.0 MOGUMBER	Rural Long	Total	392	1,018.6	848.3	4.89	5.70



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
RO 503.0 ANDROMEDA	Urban	Total - City of Rockingham	4,286	72.7	130.6	0.16	1.27
RO 504.0 45 LAKE ST	Urban	Total - City of Rockingham	254	258.9	130.6	0.18	1.27
RO 507.0 L1483 FARRIS ST	Urban	Total - City of Rockingham	850	30.2	130.6	0.13	1.27
RO 509.0 BROUGHTON	Urban	Total - City of Rockingham	2,904	27.8	130.6	0.03	1.27
RO 510.0 SWINSTONE	Urban	Total - City of Rockingham	1,822	55.3	130.6	1.01	1.27
RO 515.0 GREGSON	Urban	Total - City of Rockingham	1,794	58.4	130.6	0.62	1.27
RO 519.0 RAY	Rural Short	City of Rockingham	1,027	126.7	215.4	1.95	2.34
RO 519.0 RAY	Rural Short	City of Kwinana	578	240.8	215.4	3.70	2.34
RO 519.0 RAY	Rural Short	Total	1,605	158.8	215.4	2.44	2.34
RO 521.0 PATTERSON RD	Urban	Total - City of Rockingham	182	0.0	130.6	0.00	1.27
RO 522.0 MCLEAN	Urban	Total - City of Rockingham	4,182	54.6	130.6	1.08	1.27
RO 523.0 READ ST	Rural Short	Total - City of Rockingham	4,227	27.6	215.4	0.04	2.34
RTN 502.0 CYPRESS RD	Urban	Total - City of Canning	2,095	106.6	130.6	1.53	1.27
RTN 505.0 ANN WAY	Urban	Total - City of Canning	4,081	36.6	130.6	0.25	1.27
RTN 506.0 L2430 LEACH HWY 1	Urban	Total - City of Melville	3,285	300.4	130.6	2.96	1.27
RTN 508.0 14 CAMM AVE RMU	Urban	City of Melville	3,185	122.7	130.6	1.26	1.27
RTN 508.0 14 CAMM AVE RMU	Urban	City of Cockburn	82	33.5	130.6	0.35	1.27
RTN 508.0 14 CAMM AVE RMU	Urban	Total	3,267	120.4	130.6	1.24	1.27
RTN 515.0 L2430 LEACH HWY 2	Urban	Total - City of Canning	1,389	0.0	130.6	0.00	1.27
RTN 519.0 L30 PULO RD	Urban	Total - City of Melville	2,656	11.0	130.6	0.01	1.27
RTN 521.0 EWING AVE	Urban	City of Canning	2,611	547.0	130.6	5.97	1.27
RTN 521.0 EWING AVE	Urban	City of Melville	530	285.0	130.6	3.11	1.27
RTN 521.0 EWING AVE	Urban	Total	3,141	503.4	130.6	5.49	1.27
RTN 522.0 PINETREE GULLY RD	Urban	City of Canning	1,405	62.9	130.6	0.27	1.27
RTN 522.0 PINETREE GULLY RD	Urban	City of Melville	673	38.7	130.6	0.16	1.27
RTN 522.0 PINETREE GULLY RD	Urban	Total	2,078	55.1	130.6	0.23	1.27
RVE 502.0 RUTLAND AVE	Urban	Total - Town of Victoria Park	206	0.0	130.6	0.00	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
RVE 503.0 53 BURSWOOD RD	Urban	Town of Victoria Park	2,287	100.8	130.6	1.22	1.27
RVE 503.0 53 BURSWOOD RD	Urban	City of South Perth	102	48.4	130.6	0.59	1.27
RVE 503.0 53 BURSWOOD RD	Urban	Total	2,389	98.5	130.6	1.19	1.27
RVE 507.0 L1001 ROWE AVE	Urban	Total - City of Belmont	146	0.0	130.6	0.00	1.27
RVE 511.0 7 STREATLEY RD	Urban	City of Belmont	3,015	72.8	130.6	0.58	1.27
RVE 511.0 7 STREATLEY RD	Urban	Town of Victoria Park	641	81.1	130.6	0.64	1.27
RVE 511.0 7 STREATLEY RD	Urban	Total	3,656	74.2	130.6	0.59	1.27
RVE 518.0 99 GOODWOOD PDE	Urban	Total - Town of Victoria Park	275	12.4	130.6	0.01	1.27
RVE 519.0 57 GALLIPOLI ST	Urban	Total - Town of Victoria Park	138	10.5	130.6	0.01	1.27
RVE 523.0 RUTLAND AVE	Urban	Total - Town of Victoria Park	4,500	43.8	130.6	0.19	1.27
RVE 524.0 2 COOKHM RD	Urban	Town of Victoria Park	4,555	47.9	130.6	0.12	1.27
RVE 524.0 2 COOKHM RD	Urban	City of Canning	116	1.5	130.6	0.00	1.27
RVE 524.0 2 COOKHM RD	Urban	Total	4,706	46.9	130.6	0.12	1.27
RVE 526.0 OPP 8 ROWE AVE	Urban	City of Belmont	1,769	5.7	130.6	0.01	1.27
RVE 526.0 OPP 8 ROWE AVE	Urban	Town of Victoria Park	123	0.0	130.6	0.00	1.27
RVE 526.0 OPP 8 ROWE AVE	Urban	Total	1,892	5.3	130.6	0.01	1.27
SNR 504.0 L149 HOLMES ST	Urban	Total - City of Gosnells	3,214	10.6	130.6	0.14	1.27
SNR 505.0 61 CHAMBERLAIN ST	Urban	City of Armadale	1,445	2.0	130.6	0.01	1.27
SNR 505.0 61 CHAMBERLAIN ST	Urban	City of Cockburn	1,364	14.5	130.6	0.07	1.27
SNR 505.0 61 CHAMBERLAIN ST	Urban	Total	2,809	7.6	130.6	0.04	1.27
SNR 507.0 L101 TERRIER PL RMU	Rural Short	City of Armadale	4,272	100.3	215.4	1.33	2.34
SNR 507.0 L101 TERRIER PL RMU	Rural Short	Shire of Serpentine-Jarrahdale	170	74.7	215.4	0.99	2.34
SNR 507.0 L101 TERRIER PL RMU	Rural Short	City of Kwinana	168	219.0	215.4	2.91	2.34
SNR 507.0 L101 TERRIER PL RMU	Rural Short	City of Gosnells	163	3.1	215.4	0.04	2.34
SNR 507.0 L101 TERRIER PL RMU	Rural Short	City of Cockburn	140	68.0	215.4	0.90	2.34
SNR 507.0 L101 TERRIER PL RMU	Rural Short	Total	4,913	99.7	215.4	1.32	2.34
SNR 508.0 L111 NICHOLSON RD	Urban	Total - City of Armadale	2,554	110.0	130.6	1.89	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
SNR 516.0 61 CHAMBERLAIN ST	Urban	City of Armadale	4,559	53.8	130.6	0.47	1.27
SNR 516.0 61 CHAMBERLAIN ST	Urban	City of Gosnells	612	2.5	130.6	0.02	1.27
SNR 516.0 61 CHAMBERLAIN ST	Urban	Total	5,171	47.8	130.6	0.42	1.27
SNR 517.0 11 RANFORD RD	Urban	City of Gosnells	1,250	26.7	130.6	0.27	1.27
SNR 517.0 11 RANFORD RD	Urban	City of Armadale	1,103	2.7	130.6	0.03	1.27
SNR 517.0 11 RANFORD RD	Urban	City of Canning	105	40.6	130.6	0.41	1.27
SNR 517.0 11 RANFORD RD	Urban	City of Cockburn	53	43.5	130.6	0.44	1.27
SNR 517.0 11 RANFORD RD	Urban	Total	2,511	18.8	130.6	0.19	1.27
SNR 526.0 MARGARET ST	Urban	Total - City of Armadale	3,974	209.1	130.6	1.87	1.27
SNR 537.0 L545 SOUTHERN RIVER RD	Urban	City of Gosnells	2,335	53.2	130.6	1.01	1.27
SNR 537.0 L545 SOUTHERN RIVER RD	Urban	City of Armadale	338	55.1	130.6	1.04	1.27
SNR 537.0 L545 SOUTHERN RIVER RD	Urban	Total	2,673	53.4	130.6	1.01	1.27
SNR 539.0 L8008 RANFORD RD	Urban	Total - City of Armadale	2,928	269.7	130.6	5.26	1.27
SNR 540.0	Urban	Total - City of Armadale	3,516	113.7	130.6	1.01	1.27
SPK 332.0 1 BAY RD	Urban	Town of Claremont	706	0.0	130.6	0.00	1.27
SPK 332.0 1 BAY RD	Urban	City of Nedlands	402	0.0	130.6	0.00	1.27
SPK 332.0 1 BAY RD	Urban	Total	1,108	0.0	130.6	0.00	1.27
SPK 334.0 L11671 STUBBS TCE	Urban	Total - City of Nedlands	11	0.0	130.6	0.00	1.27
SPK 337.0 OPP 4 THE BOULEVARD	Rural Short	Town of Cambridge	563	148.4	215.4	0.23	2.34
SPK 337.0 OPP 4 THE BOULEVARD	Rural Short	City of Stirling	555	2.3	215.4	0.00	2.34
SPK 337.0 OPP 4 THE BOULEVARD	Rural Short	Total	1,118	75.9	215.4	0.12	2.34
SPK 338.0 21 CUNNINGHAM TCE	Urban	Total - City of Subiaco	1,032	8.6	130.6	0.08	1.27
SPK 345.0	Urban	City of Subiaco	565	202.6	130.6	1.39	1.27
SPK 345.0	Urban	Town of Cambridge	144	92.2	130.6	0.63	1.27
SPK 345.0	Urban	City of Nedlands	33	59.0	130.6	0.40	1.27
SPK 345.0	Urban	Total	741	174.9	130.6	1.20	1.27
SPK 348.0 10 SELBY ST	Urban	Town of Cambridge	1,503	0.4	130.6	0.01	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
SPK 348.0 10 SELBY ST	Urban	City of Stirling	779	9.9	130.6	0.35	1.27
SPK 348.0 10 SELBY ST	Urban	City of Subiaco	52	0.0	130.6	0.00	1.27
SPK 348.0 10 SELBY ST	Urban	Total	2,334	3.6	130.6	0.12	1.27
SPK 349.0 SELBY ST	Rural Short	Town of Cambridge	1,415	21.2	215.4	0.06	2.34
SPK 349.0 SELBY ST	Rural Short	City of Subiaco	517	0.0	215.4	0.00	2.34
SPK 349.0 SELBY ST	Rural Short	City of Stirling	288	0.0	215.4	0.00	2.34
SPK 349.0 SELBY ST	Rural Short	City of Nedlands	269	0.0	215.4	0.00	2.34
SPK 349.0 SELBY ST	Rural Short	Total	2,489	12.2	215.4	0.04	2.34
SPK 350.0 20 MELVILLE ST	Urban	City of Nedlands	1,095	0.0	130.6	0.00	1.27
SPK 350.0 20 MELVILLE ST	Urban	Town of Claremont	288	0.0	130.6	0.00	1.27
SPK 350.0 20 MELVILLE ST	Urban	Total	1,383	0.0	130.6	0.00	1.27
SPK 362.0 40 ALFRED RD	Urban	City of Nedlands	1,121	29.6	130.6	0.14	1.27
SPK 362.0 40 ALFRED RD	Urban	Town of Claremont	700	0.3	130.6	0.00	1.27
SPK 362.0 40 ALFRED RD	Urban	Total	1,821	18.4	130.6	0.09	1.27
SPK 364.0 KEMH RMU 1	Urban	Town of Cambridge	303	101.5	130.6	0.67	1.27
SPK 364.0 KEMH RMU 1	Urban	City of Subiaco	261	223.7	130.6	1.47	1.27
SPK 364.0 KEMH RMU 1	Urban	Total	564	158.6	130.6	1.04	1.27
SPK 366.0 179 SELBY ST	Urban	City of Nedlands	110	10.7	130.6	0.11	1.27
SPK 366.0 179 SELBY ST	Urban	Town of Cambridge	53	45.6	130.6	0.48	1.27
SPK 366.0 179 SELBY ST	Urban	Total	163	22.0	130.6	0.23	1.27
SPK 378.0 11 JOHN XX111 AVE	Urban	City of Nedlands	700	0.0	130.6	0.00	1.27
SPK 378.0 11 JOHN XX111 AVE	Urban	Town of Cambridge	419	0.0	130.6	0.00	1.27
SPK 378.0 11 JOHN XX111 AVE	Urban	Total	1,119	0.0	130.6	0.00	1.27
SPK 379.0 339 ONSLOW	Urban	City of Subiaco	1,171	1.4	130.6	0.03	1.27
SPK 379.0 339 ONSLOW	Urban	City of Nedlands	254	0.0	130.6	0.00	1.27
SPK 379.0 339 ONSLOW	Urban	Total	1,427	1.1	130.6	0.02	1.27
SVY 516.0 CHIDLOW L/S	Rural Short	Shire of Mundaring	1,351	303.0	215.4	6.79	2.34

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
SVY 516.0 CHIDLOW L/S	Rural Short	City of Swan	507	375.6	215.4	8.42	2.34
SVY 516.0 CHIDLOW L/S	Rural Short	Total	1,858	323.1	215.4	7.24	2.34
SVY 517.0 MUNDARING L/S	Rural Short	Shire of Mundaring	1,610	328.8	215.4	4.49	2.34
SVY 517.0 MUNDARING L/S	Rural Short	City of Swan	485	513.3	215.4	7.00	2.34
SVY 517.0 MUNDARING L/S	Rural Short	Total	2,095	371.6	215.4	5.07	2.34
SVY 526.0 1 MUNDARING WEIR 1	Rural Short	Shire of Mundaring	23	538.4	215.4	1.74	2.34
SVY 526.0 1 MUNDARING WEIR 1	Rural Short	City of Kalamunda	2	455.9	215.4	1.48	2.34
SVY 526.0 1 MUNDARING WEIR 1	Rural Short	Total	25	531.4	215.4	1.72	2.34
SVY 527.0 GREAT EASTERN HWY	Rural Short	Shire of Mundaring	1,179	328.0	215.4	3.30	2.34
SVY 527.0 GREAT EASTERN HWY	Rural Short	City of Swan	31	265.3	215.4	2.67	2.34
SVY 527.0 GREAT EASTERN HWY	Rural Short	Total	1,210	326.4	215.4	3.28	2.34
SX 602.0 MOORINE ROCK	Rural Long	Total - Shire of Yilgarn	224	449.4	848.3	2.00	5.70
SX 608.0 GHOOLI	Rural Short	Total - Shire of Yilgarn	41	1,622.4	215.4	5.90	2.34
SX 609.0 BULLFINCH	Rural Long	Shire of Yilgarn	67	344.1	848.3	3.40	5.70
SX 609.0 BULLFINCH	Rural Long	Shire of Westonia	50	827.7	848.3	8.17	5.70
SX 609.0 BULLFINCH	Rural Long	Shire of Nungarin	8	841.5	848.3	8.31	5.70
SX 609.0 BULLFINCH	Rural Long	Shire of Mukinbudin	6	774.2	848.3	7.64	5.70
SX 609.0 BULLFINCH	Rural Long	Total	131	579.8	848.3	5.72	5.70
TS 602.0 ENEABBA	Rural Long	Shire of Carnamah	143	1,169.0	848.3	10.10	5.70
TS 602.0 ENEABBA	Rural Long	Shire of Three Springs	105	2,161.5	848.3	18.67	5.70
TS 602.0 ENEABBA	Rural Long	Total	252	1,584.2	848.3	13.68	5.70
TS 604.0 CARNAMAH	Rural Long	Shire of Carnamah	341	125.9	848.3	0.47	5.70
TS 604.0 CARNAMAH	Rural Long	Shire of Coorow	240	274.7	848.3	1.02	5.70
TS 604.0 CARNAMAH	Rural Long	Shire of Perenjori	33	4,411.8	848.3	16.44	5.70
TS 604.0 CARNAMAH	Rural Long	Total	628	418.4	848.3	1.56	5.70
TS 610.0 LATHAM	Rural Long	Shire of Perenjori	113	683.6	848.3	6.41	5.70
TS 610.0 LATHAM	Rural Long	Shire of Carnamah	26	1,148.4	848.3	10.76	5.70

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
TS 610.0 LATHAM	Rural Long	Shire of Three Springs	24	576.2	848.3	5.40	5.70
TS 610.0 LATHAM	Rural Long	Shire of Coorow	5	357.0	848.3	3.35	5.70
TS 610.0 LATHAM	Rural Long	Total	167	733.1	848.3	6.87	5.70
TS 611.0 MORAWA	Rural Long	Shire of Morawa	598	616.7	848.3	5.42	5.70
TS 611.0 MORAWA	Rural Long	Shire of Perenjori	235	952.9	848.3	8.38	5.70
TS 611.0 MORAWA	Rural Long	City of Greater Geraldton	31	2,239.9	848.3	19.69	5.70
TS 611.0 MORAWA	Rural Long	Shire of Three Springs	24	244.3	848.3	2.15	5.70
TS 611.0 MORAWA	Rural Long	Total	894	754.0	848.3	6.63	5.70
TS 613.0 MINGENEW	Rural Long	Shire of Mingenew	385	889.7	848.3	5.82	5.70
TS 613.0 MINGENEW	Rural Long	Shire of Three Springs	81	1,161.9	848.3	7.61	5.70
TS 613.0 MINGENEW	Rural Long	Total	480	937.3	848.3	6.14	5.70
TS 614.0 THREE SPRINGS	Urban	Total - Shire of Three Springs	294	51.6	130.6	0.58	1.27
W 304.0 RPH CAR PARK	Urban	Total - City of Perth	22	0.0	130.6	0.00	1.27
W 306.0 30 BEAUFORT ST	Urban	Total - City of Perth	24	0.0	130.6	0.00	1.27
W 307.0 202/160 PIER ST	Urban	City of Vincent	260	0.0	130.6	0.00	1.27
W 307.0 202/160 PIER ST	Urban	City of Perth	111	23.5	130.6	0.39	1.27
W 307.0 202/160 PIER ST	Urban	Total	371	7.1	130.6	0.12	1.27
W 311.0 202 PIER ST	Urban	City of Perth	172	0.0	130.6	0.00	1.27
W 311.0 202 PIER ST	Urban	City of Vincent	93	0.0	130.6	0.00	1.27
W 311.0 202 PIER ST	Urban	Total	265	0.0	130.6	0.00	1.27
W 312.0 34 STIRLING ST	Urban	City of Vincent	166	0.0	130.6	0.00	1.27
W 312.0 34 STIRLING ST	Urban	City of Perth	43	0.0	130.6	0.00	1.27
W 312.0 34 STIRLING ST	Urban	Total	209	0.0	130.6	0.00	1.27
W 313.0 72-74 ABERDEEN ST	Urban	City of Perth	96	0.0	130.6	0.00	1.27
W 313.0 72-74 ABERDEEN ST	Urban	City of Vincent	51	0.0	130.6	0.00	1.27
W 313.0 72-74 ABERDEEN ST	Urban	Total	147	0.0	130.6	0.00	1.27
W 316.0 369 HAY ST/166 MURRAY ST	Urban	Total - City of Perth	284	0.0	130.6	0.00	1.27



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
W 317.0 235 ADELAIDE TCE	Urban	Total - City of Perth	205	110.4	130.6	1.01	1.27
W 318.0 GREGSON ST	Urban	Total - City of Vincent	679	4.4	130.6	0.01	1.27
WAG 507.0 RADIO 6WA	Rural Long	Shire of West Arthur	518	236.4	848.3	1.52	5.70
WAG 507.0 RADIO 6WA	Rural Long	Shire of Wagin	102	811.8	848.3	5.22	5.70
WAG 507.0 RADIO 6WA	Rural Long	Shire of Williams	39	542.6	848.3	3.49	5.70
WAG 507.0 RADIO 6WA	Rural Long	Total	665	345.5	848.3	2.22	5.70
WAG 510.0 DUMBLYUNG	Rural Long	Shire of Dumbleyung	433	965.2	848.3	5.11	5.70
WAG 510.0 DUMBLYUNG	Rural Long	Shire of Wagin	211	463.3	848.3	2.45	5.70
WAG 510.0 DUMBLYUNG	Rural Long	Shire of Woodanilling	39	1,981.6	848.3	10.48	5.70
WAG 510.0 DUMBLYUNG	Rural Long	Total	693	869.1	848.3	4.60	5.70
WAG 512.0 WAGIN	Rural Short	Total - Shire of Wagin	834	49.9	215.4	0.08	2.34
WAI 504.0 73 MALIBU RD	Urban	Total - City of Rockingham	2,976	48.9	130.6	0.12	1.27
WAI 505.0 95 THE AVENUE	Urban	Total - City of Rockingham	3,090	405.6	130.6	4.83	1.27
WAI 526.0 CURRIE ST	Urban	Total - City of Rockingham	3,960	98.3	130.6	0.33	1.27
WAI 527.0 L461 ENNIS AVE	Urban	Total - City of Rockingham	3,347	14.6	130.6	0.04	1.27
WAI 536.0 WARNBRO SOUND AVE SOUTH	Urban	Total - City of Rockingham	1,594	92.8	130.6	1.42	1.27
WAI 537.0 WARNBRO SOUND AVE	Urban	Total - City of Rockingham	3,049	0.1	130.6	0.00	1.27
WAI 539.0 L9050 SAFETY BAY RD (LS)	Urban	Total - City of Rockingham	6,033	3.4	130.6	0.04	1.27
WAI 540.0 190 MANDURAH RD	Rural Short	Total - City of Rockingham	2,575	87.1	215.4	0.84	2.34
WD 301.0 35 TILTON TCE	Urban	Total - Town of Cambridge	884	2.6	130.6	0.07	1.27
WD 302.0 L3000 UNIVERSITY AVE	Urban	City of Stirling	658	30.6	130.6	0.31	1.27
WD 302.0 L3000 UNIVERSITY AVE	Urban	Town of Cambridge	345	0.0	130.6	0.00	1.27
WD 302.0 L3000 UNIVERSITY AVE	Urban	Total	1,003	20.1	130.6	0.21	1.27
WD 303.0 30 BUXTON/2 MALTON	Urban	City of Stirling	2,043	303.8	130.6	3.30	1.27
WD 303.0 30 BUXTON/2 MALTON	Urban	Town of Cambridge	888	165.4	130.6	1.80	1.27
WD 303.0 30 BUXTON/2 MALTON	Urban	Total	2,931	262.0	130.6	2.84	1.27
WD 306.0 42 UNWIN/WEAPONESS SOUTH	Rural Short	City of Stirling	600	172.9	215.4	1.00	2.34

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
WD 306.0 42 UNWIN/WEAPONESS SOUTH	Rural Short	Town of Cambridge	175	183.7	215.4	1.06	2.34
WD 306.0 42 UNWIN/WEAPONESS SOUTH	Rural Short	Total	775	175.3	215.4	1.02	2.34
WD 336.0 2 EDNAH ST	Urban	Total - City of Stirling	1,297	175.4	130.6	1.06	1.27
WD 337.0 73 KALINDA DR	Rural Short	Town of Cambridge	1,014	1.2	215.4	0.02	2.34
WD 337.0 73 KALINDA DR	Rural Short	City of Nedlands	214	1.0	215.4	0.01	2.34
WD 337.0 73 KALINDA DR	Rural Short	Town of Claremont	96	0.0	215.4	0.00	2.34
WD 337.0 73 KALINDA DR	Rural Short	Total	1,324	1.1	215.4	0.02	2.34
WD 339.0 20 LUITA ST	Urban	Total - City of Stirling	1,576	283.4	130.6	3.14	1.27
WD 340.0 28 NORMAN ST/ULSTER RD	Urban	Town of Cambridge	702	172.3	130.6	0.31	1.27
WD 340.0 28 NORMAN ST/ULSTER RD	Urban	City of Stirling	189	0.6	130.6	0.00	1.27
WD 340.0 28 NORMAN ST/ULSTER RD	Urban	Total	891	136.1	130.6	0.24	1.27
WE 504.0 CANNINGTON	Urban	City of Gosnells	2,592	86.5	130.6	1.11	1.27
WE 504.0 CANNINGTON	Urban	City of Canning	1,929	62.3	130.6	0.80	1.27
WE 504.0 CANNINGTON	Urban	Total	4,521	76.1	130.6	0.98	1.27
WE 505.0 MURRAY RD STH	Urban	City of Kalamunda	1,106	208.5	130.6	2.24	1.27
WE 505.0 MURRAY RD STH	Urban	City of Canning	109	216.5	130.6	2.33	1.27
WE 505.0 MURRAY RD STH	Urban	City of Gosnells	49	199.4	130.6	2.14	1.27
WE 505.0 MURRAY RD STH	Urban	Total	1,264	208.9	130.6	2.25	1.27
WE 508.0 L1 KURNALL RD	Urban	Total - City of Canning	177	90.5	130.6	1.23	1.27
WE 510.0 35 REDCLIFFE ST	Urban	City of Canning	2,233	57.5	130.6	0.69	1.27
WE 510.0 35 REDCLIFFE ST	Urban	City of Gosnells	362	18.9	130.6	0.23	1.27
WE 510.0 35 REDCLIFFE ST	Urban	Total	2,596	51.8	130.6	0.63	1.27
WE 511.0 L110 PILBARA RD	Urban	Total - City of Canning	576	105.1	130.6	1.19	1.27
WE 514.0 FURNACE RD	Urban	Total - City of Canning	86	0.0	130.6	0.00	1.27
WE 519.0 1 FELSPAR RD	Urban	Total - City of Kalamunda	1,566	509.8	130.6	4.37	1.27
WE 523.0 L15 WELSHPOOL RD	Urban	City of Gosnells	1,125	44.6	130.6	0.45	1.27
WE 523.0 L15 WELSHPOOL RD	Urban	City of Canning	288	59.4	130.6	0.60	1.27



Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
WE 523.0 L15 WELSHPOOL RD	Urban	Total	1,413	47.5	130.6	0.48	1.27
WE 524.0 QUEENS PARK	Urban	Total - City of Canning	2,597	104.7	130.6	1.30	1.27
WE 525.0 KEWDALE RD WEST	Urban	City of Canning	212	314.6	130.6	1.91	1.27
WE 525.0 KEWDALE RD WEST	Urban	City of Belmont	6	136.6	130.6	0.83	1.27
WE 525.0 KEWDALE RD WEST	Urban	Total	218	309.5	130.6	1.88	1.27
WGA 504.0 8 CHALLENGE BVD	Urban	Total - City of Wanneroo	1,148	136.8	130.6	1.98	1.27
WGA 505.0 1 AMBITION GATE RMU	Rural Short	Total - City of Wanneroo	2,665	91.2	215.4	2.08	2.34
WGA 507.0 1 27 BERRIMAN DR	Urban	Total - City of Wanneroo	334	1.2	130.6	0.00	1.27
WGA 508.0 12 FORTITUDE BVD RMU	Rural Short	Total - City of Wanneroo	2,099	124.1	215.4	1.10	2.34
WGP 508.0 WAROONA	Rural Short	Shire of Waroona	2,408	205.4	215.4	3.59	2.34
WGP 508.0 WAROONA	Rural Short	Shire of Murray	954	935.2	215.4	16.33	2.34
WGP 508.0 WAROONA	Rural Short	Total	3,403	370.5	215.4	6.47	2.34
WGP 512.0 HARVEY	Urban	Shire of Waroona	7	23,979.3	130.6	243.18	1.27
WGP 512.0 HARVEY	Urban	Shire of Harvey	4	8,350.1	130.6	84.68	1.27
WGP 512.0 HARVEY	Urban	Total	11	19,043.7	130.6	193.13	1.27
WGP 515.0 DRAKESBROOK	Rural Short	Total - Shire of Harvey	1,451	100.6	215.4	0.68	2.34
WKT 322.0 WEST KALGOORLIE RD(NORTH)	Urban	Total - City of Kalgoorlie-Boulder	39	23.7	130.6	0.13	1.27
WKT 323.0 CRAIG RD	Urban	Total - City of Kalgoorlie-Boulder	1,616	6.4	130.6	0.03	1.27
WKT 324.0 WEST KALGOORLIE RD(SOUTH)	Rural Short	Total - City of Kalgoorlie-Boulder	532	0.0	215.4	0.00	2.34
WKT 325.0 L308 BROADWOOD	Urban	Total - City of Kalgoorlie-Boulder	22	0.0	130.6	0.00	1.27
WKT 633.0 GIDJI	Rural Short	Total - City of Kalgoorlie-Boulder	15	705.7	215.4	6.27	2.34
WKT 640.0 COOLGARDIE	Rural Short	Total - Shire of Coolgardie	550	559.4	215.4	3.37	2.34
WLN 504.0 L30 MODAL RMU	Urban	Total - City of Canning	106	2.8	130.6	0.01	1.27
WLN 505.0 MODAL 3 RMU	Urban	Total - City of Canning	214	0.0	130.6	0.00	1.27
WLN 507.0 TREETOP	Urban	City of Canning	2,006	41.5	130.6	1.03	1.27
WLN 507.0 TREETOP	Urban	City of Gosnells	205	38.6	130.6	0.95	1.27
WLN 507.0 TREETOP	Urban	Total	2,211	41.3	130.6	1.02	1.27

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
WLN 508.0 21 JUBAEA CT	Urban	City of Gosnells	1,857	90.8	130.6	1.60	1.27
WLN 508.0 21 JUBAEA CT	Urban	City of Canning	1,385	119.0	130.6	2.10	1.27
WLN 508.0 21 JUBAEA CT	Urban	Total	3,242	103.1	130.6	1.82	1.27
WMK 305.0 KAMBALDA WEST	Rural Short	Total - Shire of Coolgardie	413	22.5	215.4	0.15	2.34
WMK 306.0 KAMBALDA EAST	Rural Short	Total - Shire of Coolgardie	949	112.0	215.4	1.52	2.34
WNO 502.0 SHENTON AVE	Urban	Total - City of Wanneroo	3,824	45.0	130.6	1.33	1.27
WNO 503.0 BURNS BEACH	Urban	Total - City of Joondalup	1,053	0.4	130.6	0.00	1.27
WNO 504.0 L704 YANDELLA PROM	Rural Short	City of Wanneroo	1,627	169.0	215.4	2.57	2.34
WNO 504.0 L704 YANDELLA PROM	Rural Short	City of Swan	72	465.9	215.4	7.08	2.34
WNO 504.0 L704 YANDELLA PROM	Rural Short	Total	1,699	182.3	215.4	2.77	2.34
WNO 506.0 L306 WANNEROO RD	Urban	Total - City of Wanneroo	3,133	2.1	130.6	0.01	1.27
WNO 510.0 976 WANNEROO RD	Urban	Total - City of Wanneroo	1,940	128.2	130.6	0.44	1.27
WNO 514.0 CONNOLLY	Urban	Total - City of Wanneroo	2,557	223.9	130.6	2.92	1.27
WNO 515.0 WANNEROO S/S RMU	Urban	City of Wanneroo	74	0.0	130.6	0.00	1.27
WNO 515.0 WANNEROO S/S RMU	Urban	City of Joondalup	4	0.0	130.6	0.00	1.27
WNO 515.0 WANNEROO S/S RMU	Urban	Total	78	0.0	130.6	0.00	1.27
WNO 519.0 JOONDALUP DR SOUTH	Rural Short	City of Joondalup	891	27.1	215.4	0.12	2.34
WNO 519.0 JOONDALUP DR SOUTH	Rural Short	City of Wanneroo	65	0.0	215.4	0.00	2.34
WNO 519.0 JOONDALUP DR SOUTH	Rural Short	Total	956	25.1	215.4	0.11	2.34
WNO 521.0 1387 WANNEROO RD	Rural Short	City of Joondalup	628	0.2	215.4	0.00	2.34
WNO 521.0 1387 WANNEROO RD	Rural Short	City of Wanneroo	16	0.0	215.4	0.00	2.34
WNO 521.0 1387 WANNEROO RD	Rural Short	Total	644	0.2	215.4	0.00	2.34
WNO 522.0 L9017 WANNEROO RD	Urban	Total - City of Wanneroo	2,240	77.9	130.6	1.52	1.27
WNO 524.0 CLARKSON AVE	Rural Short	Total - City of Wanneroo	1,306	1.9	215.4	0.01	2.34
WUN 502.0 WUNDOWIE IRON & STEEL	Rural Short	Total - Shire of Northam	57	158.4	215.4	0.51	2.34
WUN 505.0 WOOROLOO GWS PUMPS	Rural Short	Shire of Mundaring	407	181.8	215.4	0.36	2.34
WUN 505.0 WOOROLOO GWS PUMPS	Rural Short	Shire of Northam	35	412.6	215.4	0.82	2.34

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
WUN 505.0 WOOROLOO GWS PUMPS	Rural Short	Total	445	200.9	215.4	0.40	2.34
WUN 506.0 TIP TOP MEATS	Rural Short	Shire of Northam	181	325.2	215.4	6.11	2.34
WUN 506.0 TIP TOP MEATS	Rural Short	Shire of Mundaring	87	221.3	215.4	4.16	2.34
WUN 506.0 TIP TOP MEATS	Rural Short	Total	268	292.5	215.4	5.50	2.34
WUN 510.0 BAKERS HILL	Rural Long	Total - Shire of Northam	992	467.7	848.3	1.88	5.70
WUN 513.0 WUNDOWIE TOWN	Rural Short	Shire of Northam	476	349.5	215.4	3.33	2.34
WUN 513.0 WUNDOWIE TOWN	Rural Short	Shire of Toodyay	369	608.5	215.4	5.80	2.34
WUN 513.0 WUNDOWIE TOWN	Rural Short	Total	850	463.1	215.4	4.42	2.34
Y 303.0 BLYTHE AVE EAST	Urban	Total - City of Stirling	25	0.0	130.6	0.00	1.27
Y 308.0 HECTOR EAST/CONSTANCE ST	Urban	Total - City of Stirling	76	59.4	130.6	0.81	1.27
Y 309.0 FLINDERS STREET	Urban	Total - City of Stirling	15	0.0	130.6	0.00	1.27
Y 310.0 CHARLES ST	Urban	City of Stirling	9	0.0	130.6	0.00	1.27
Y 310.0 CHARLES ST	Urban	City of Vincent	6	0.0	130.6	0.00	1.27
Y 310.0 CHARLES ST	Urban	Total	15	0.0	130.6	0.00	1.27
Y 313.0 CAPE STREET	Urban	Total - City of Stirling	18	0.0	130.6	0.00	1.27
Y 316.0 HECTOR ST	Urban	City of Stirling	3,394	88.4	130.6	1.48	1.27
Y 316.0 HECTOR ST	Urban	City of Vincent	776	104.9	130.6	1.75	1.27
Y 316.0 HECTOR ST	Urban	Total	4,170	91.8	130.6	1.53	1.27
Y 317.0 POWELL ST	Urban	Total - City of Stirling	2,421	73.4	130.6	0.53	1.27
Y 326.0 LOCKWOOD SOUTH	Urban	Total - City of Stirling	2,801	94.6	130.6	1.58	1.27
Y 327.0 MOULDEN AVE	Urban	Total - City of Stirling	2,564	76.8	130.6	1.89	1.27
YLN 605.0 MARVEL LOCH TOWN	Rural Short	Total - Shire of Yilgarn	88	334.0	215.4	3.29	2.34
YLN 606.0 MARVEL LOCH SOUTH	Rural Short	Total - Shire of Yilgarn	27	202.1	215.4	3.19	2.34
YLN 609.0 SOUTHERN CROSS TOWN	Rural Short	Total - Shire of Yilgarn	445	157.4	215.4	2.18	2.34
YLN 613.0 BOONDI	Rural Short	Shire of Yilgarn	6	113.4	215.4	1.37	2.34
YLN 613.0 BOONDI	Rural Short	Shire of Coolgardie	6	176.6	215.4	2.14	2.34
YLN 613.0 BOONDI	Rural Short	Total	11	147.7	215.4	1.79	2.34

Feeder	SCNRRR Area	Local Government Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
YP 502.0 ROMEO RD	Urban	Total - City of Wanneroo	4,779	4.7	130.6	0.05	1.27
YP 505.0 WANNEROO RD STH	Rural Short	Total - City of Wanneroo	5,624	271.5	215.4	4.40	2.34
YP 507.0 KAROBORUP RD	Rural Short	Total - City of Wanneroo	787	2,204.5	215.4	20.71	2.34
YP 514.0 LACEY RD	Rural Short	Total - City of Wanneroo	4,201	264.0	215.4	3.28	2.34
YP 517.0 WANNEROO RD NTH	Rural Short	Shire of Gingin	861	278.7	215.4	4.12	2.34
YP 517.0 WANNEROO RD NTH	Rural Short	City of Wanneroo	397	279.5	215.4	4.13	2.34
YP 517.0 WANNEROO RD NTH	Rural Short	Total	1,258	279.0	215.4	4.12	2.34
YP 530.0 34 ROMEO RD	Rural Short	Total - City of Wanneroo	1,262	229.9	215.4	2.40	2.34

## B2 - Reliability (SAIDI & SAIFI) by Local Government Authority

The Western Power network provides supply to 112 Local Government Areas (LGA's) where the related feeders:

- have existed for a period greater than 6 months in the database; and
- served 10 or more customers during June 2023

The table below shows the SAIDI and SAIFI performance by LGAs .

If the feeder has had customers for a period greater than 6 months but less than 12 months, the SAIDI and SAIFI are “annualised” to represent a 12-month figure during the 2022/23 financial year.

Local Government Areas (LGAs) are shown against a feeder if more than 2% of the feeder’s customers are in said LGA.

SAIDI & SAIFI reliability measures are designed for large volumes and are less precise and more volatile at more disaggregated levels, given that customers may be switched between feeders (and potentially LGAs and Regulatory Categories<sup>9</sup>) several times during the year due to network reconfigurations, augmentations and fault management operations and because the network topography does not always neatly align with LGA boundaries.

The reliability data is based on the information and network configurations recorded at the time of reporting. Whilst the information is correct at an aggregate level, network reconfigurations are not captured in real time and the lag may impact reliability data disaggregated by feeder, LGA and Regulatory Category.

### **Definitions of the terms used in the below table:**

SAIDI	System Average Interruption Duration Index
SAIDI SSB	System Average Interruption Duration Index – Service Standard Benchmark
SAIFI	System Average Interruption Frequency Index
SAIFI SSB	System Average Interruption Frequency Index - Service Standard Benchmark
SCNRRR	Steering Committee on National Regulatory Reporting Requirements, which define feeder categories as either CBD, Urban, Rural Short and Rural Long

<sup>9</sup> Regulatory Categories include Rural Long, Rural Short, Urban and CBD. It is possible for a network reconfiguration change for asset replacements, augmentations or operational switching to result in a change in classification during the period. For example, from Rural Short to Urban or vice versa.

Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
City of Albany	Rural Short	16,806	346.8	215.4	4.13	2.34
City of Albany	Rural Long	2,669	558.8	848.3	4.17	5.7
City of Albany	Total	19,475	269.2	302.1	3.74	2.80
City of Armadale	Urban	26,824	365.3	130.6	2.76	1.27
City of Armadale	Rural Short	12,011	722.1	215.4	3.84	2.34
City of Armadale	Total	38,836	207.1	156.8	2.18	1.60
Shire of Augusta-Margaret River	Rural Long	6,734	347.9	848.3	3.31	5.7
Shire of Augusta-Margaret River	Rural Short	2,949	561.2	215.4	4.14	2.34
Shire of Augusta-Margaret River	Total	9,683	247.3	655.6	2.56	4.68
Town of Bassendean	Total - Urban	7,878	196.7	130.6	1.89	1.27
City of Bayswater	Urban	34,005	344.3	130.6	1.83	1.27
City of Bayswater	Rural Short	413	76.4	215.4	1.13	2.34
City of Bayswater	Total	34,418	143.8	131.6	1.18	1.28
City of Belmont	Total - Urban	21,358	126.7	130.6	1.07	1.27
Shire of Beverley	Total - Rural Long	1,081	637.0	848.3	4.12	5.70
Shire of Boddington	Total - Rural Long	957	324.7	848.3	3.37	5.70
Shire of Boyup Brook	Total - Rural Long	1,026	180.2	848.3	0.79	5.70
Shire of Bridgetown-Greenbushes	Total - Rural Long	2,811	116.3	848.3	1.09	5.70
Shire of Brookton	Total - Rural Long	580	744.8	848.3	7.15	5.70
Shire of Broomehill-Tambellup	Rural Long	597	432.8	848.3	2.18	5.7
Shire of Broomehill-Tambellup	Rural Short	21	610.6	215.4	29.26	2.34
Shire of Broomehill-Tambellup	Total	618	163.0	826.8	1.94	5.59
Shire of Bruce Rock	Total - Rural Long	626	214.5	848.3	1.01	5.70
City of Bunbury	Urban	15,521	195.7	130.6	1.50	1.27
City of Bunbury	Rural Short	2,486	131.0	215.4	1.67	2.34
City of Bunbury	Total	18,008	110.6	142.3	0.90	1.42
City of Busselton	Rural Short	13,783	222.8	215.4	2.95	2.34
City of Busselton	Urban	5,267	180.1	130.6	2.55	1.27

Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
City of Busselton	Rural Long	4,130	559.8	848.3	3.63	5.7
City of Busselton	Total	23,180	207.9	308.9	2.55	2.70
Town of Cambridge	Urban	8,751	76.7	130.6	0.51	1.27
Town of Cambridge	Rural Short	3,124	65.5	215.4	0.34	2.34
Town of Cambridge	Total	11,875	44.3	152.9	0.27	1.55
City of Canning	Urban	39,494	286.5	130.6	2.13	1.27
City of Canning	Rural Short	2,254	579.2	215.4	3.21	2.34
City of Canning	Total	41,748	133.3	135.2	1.50	1.33
Shire of Capel	Rural Long	2,912	543.4	848.3	5.95	5.7
Shire of Capel	Urban	2,565	58.6	130.6	1.50	1.27
Shire of Capel	Rural Short	2,121	125.9	215.4	1.66	2.34
Shire of Capel	Total	7,597	123.9	429.3	2.22	3.27
Shire of Carnamah	Rural Long	491	1,355.4	848.3	9.29	5.7
Shire of Carnamah	Rural Short	9	1,809.5	215.4	18.30	2.34
Shire of Carnamah	Total	500	493.0	836.9	4.68	5.64
Shire of Chapman Valley	Rural Long	737	2,028.3	848.3	13.51	5.7
Shire of Chapman Valley	Urban	31	2,015.3	130.6	5.06	1.27
Shire of Chapman Valley	Total	768	694.2	819.2	7.10	5.52
Shire of Chittering	Rural Long	2,227	588.6	848.3	2.58	5.7
Shire of Chittering	Rural Short	373	300.8	215.4	1.97	2.34
Shire of Chittering	Total	2,600	370.3	757.5	1.85	5.22
Town of Claremont	Urban	5,083	26.9	130.6	0.07	1.27
Town of Claremont	Rural Short	99	2.0	215.4	0.04	2.34
Town of Claremont	Total	5,182	6.4	132.2	0.01	1.29
City of Cockburn	Urban	43,139	319.2	130.6	2.29	1.27
City of Cockburn	Rural Short	9,795	334.1	215.4	4.56	2.34
City of Cockburn	Total	52,935	149.7	146.3	2.06	1.47
Shire of Collie	Rural Short	3,509	235.4	215.4	1.22	2.34



Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
Shire of Collie	Rural Long	988	231.7	848.3	1.52	5.7
Shire of Collie	Total	4,497	39.1	354.4	0.61	3.08
Shire of Coolgardie	Total - Rural Short	1,860	217.7	215.4	1.74	2.34
Shire of Coorow	Rural Short	820	2,472.8	215.4	4.94	2.34
Shire of Coorow	Rural Long	367	1,505.3	848.3	7.81	5.7
Shire of Coorow	Total	1,187	1,514.1	411.3	3.18	3.38
Shire of Corrigin	Total - Rural Long	729	445.2	848.3	3.18	5.70
Town of Cottesloe	Total - Urban	3,975	55.3	130.6	0.86	1.27
Shire of Cranbrook	Total - Rural Long	702	261.4	848.3	2.12	5.70
Shire of Cuballing	Total - Rural Long	460	276.5	848.3	2.44	5.70
Shire of Cunderdin	Total - Rural Long	701	468.9	848.3	2.47	5.70
Shire of Dalwallinu	Total - Rural Long	886	1,045.6	848.3	7.67	5.70
Shire of Dandaragan	Total - Rural Long	2,932	1,367.3	848.3	9.04	5.70
Shire of Dardanup	Urban	4,340	149.2	130.6	2.24	1.27
Shire of Dardanup	Rural Long	783	465.3	848.3	2.57	5.7
Shire of Dardanup	Rural Short	739	538.7	215.4	3.34	2.34
Shire of Dardanup	Total	5,862	171.7	237.1	2.12	2.00
Shire of Denmark	Total - Rural Long	3,798	485.4	848.3	4.79	5.70
Shire of Donnybrook-Balingup	Total - Rural Long	3,120	380.0	848.3	3.89	5.70
Shire of Dowerin	Total - Rural Long	440	396.2	848.3	3.40	5.70
Shire of Dumbleyung	Total - Rural Long	461	1,379.1	848.3	7.74	5.70
Town of East Fremantle	Total - Urban	3,370	164.0	130.6	0.25	1.27
City of Fremantle	Total - Urban	17,741	84.2	130.6	0.63	1.27
Shire of Gingin	Rural Long	3,616	1,410.4	848.3	7.55	5.7
Shire of Gingin	Rural Short	965	292.9	215.4	4.48	2.34
Shire of Gingin	Total	4,582	862.5	714.9	5.84	4.99
Shire of Gnowangerup	Total - Rural Long	818	976.8	848.3	4.99	5.70
Shire of Goomalling	Total - Rural Long	597	635.3	848.3	6.57	5.70



Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
City of Gosnells	Urban	43,844	285.6	130.6	1.78	1.27
City of Gosnells	Rural Short	4,780	482.0	215.4	3.22	2.34
City of Gosnells	Total	48,624	128.2	138.9	1.33	1.38
City of Greater Geraldton	Urban	10,015	1,118.3	130.6	5.46	1.27
City of Greater Geraldton	Rural Short	7,775	1,032.0	215.4	4.81	2.34
City of Greater Geraldton	Rural Long	1,567	1,825.6	848.3	10.46	5.7
City of Greater Geraldton	Total	19,357	257.3	222.8	1.96	2.06
Shire of Harvey	Rural Short	7,959	361.8	215.4	2.68	2.34
Shire of Harvey	Rural Long	3,026	620.2	848.3	3.61	5.7
Shire of Harvey	Urban	1,520	543.1	130.6	3.34	1.27
Shire of Harvey	Total	12,505	168.9	358.3	1.74	3.02
Shire of Irwin	Rural Short	1,843	1,870.4	215.4	15.87	2.34
Shire of Irwin	Rural Long	439	2,032.5	848.3	12.88	5.7
Shire of Irwin	Total	2,282	978.3	337.2	9.53	2.99
Shire of Jerramungup	Total - Rural Long	1,022	478.1	848.3	6.14	5.70
City of Joondalup	Urban	61,814	266.1	130.6	1.49	1.27
City of Joondalup	Rural Short	2,377	15.7	215.4	0.16	2.34
City of Joondalup	Total	64,191	110.5	133.7	0.93	1.31
City of Kalamunda	Urban	13,558	403.7	130.6	2.11	1.27
City of Kalamunda	Rural Short	11,085	281.9	215.4	2.10	2.34
City of Kalamunda	Total	24,643	125.6	168.7	1.21	1.75
City of Kalgoorlie-Boulder	Urban	12,567	58.9	130.6	0.30	1.27
City of Kalgoorlie-Boulder	Rural Short	1,908	65.5	215.4	0.40	2.34
City of Kalgoorlie-Boulder	Total	14,475	29.5	141.8	0.19	1.41
Shire of Katanning	Rural Short	1,924	60.2	215.4	1.18	2.34
Shire of Katanning	Rural Long	278	383.6	848.3	1.58	5.7
Shire of Katanning	Total	2,202	62.2	295.4	1.09	2.76
Shire of Kellerberrin	Rural Short	575	370.1	215.4	5.42	2.34

Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
Shire of Kellerberrin	Rural Long	77	1,072.1	848.3	4.70	5.7
Shire of Kellerberrin	Total	652	350.7	290.3	4.15	2.74
Shire of Kent	Total - Rural Long	373	1,208.4	848.3	5.66	5.70
Shire of Kojonup	Rural Short	731	94.7	215.4	0.43	2.34
Shire of Kojonup	Rural Long	428	716.9	848.3	3.28	5.7
Shire of Kojonup	Total	1,159	188.0	449.1	1.05	3.58
Shire of Kondinin	Total - Rural Long	610	538.0	848.3	3.10	5.70
Shire of Koorda	Total - Rural Long	340	411.6	848.3	3.18	5.70
Shire of Kulin	Total - Rural Long	545	1,155.8	848.3	5.92	5.70
City of Kwinana	Rural Short	11,831	181.0	215.4	2.82	2.34
City of Kwinana	Urban	7,625	220.3	130.6	2.48	1.27
City of Kwinana	Total	19,456	127.0	182.2	1.75	1.92
Shire of Lake Grace	Total - Rural Long	995	2,986.8	848.3	9.53	5.70
City of Mandurah	Urban	30,976	242.9	130.6	2.21	1.27
City of Mandurah	Rural Short	15,666	358.0	215.4	3.14	2.34
City of Mandurah	Total	46,643	136.9	159.1	1.77	1.63
Shire of Manjimup	Rural Long	3,870	1,466.8	848.3	7.13	5.7
Shire of Manjimup	Rural Short	1,615	712.9	215.4	4.97	2.34
Shire of Manjimup	Total	5,486	632.0	661.9	5.05	4.71
City of Melville	Total - Urban	44,406	69.7	130.6	0.70	1.27
Shire of Merredin	Rural Short	1,283	1,784.3	215.4	9.50	2.34
Shire of Merredin	Rural Long	596	957.7	848.3	5.54	5.7
Shire of Merredin	Total	1,879	341.4	416.1	3.91	3.41
Shire of Mingenew	Total - Rural Long	367	1,072.2	848.3	6.70	5.70
Shire of Moora	Urban	866	376.1	130.6	3.43	1.27
Shire of Moora	Rural Long	493	2,028.7	848.3	8.72	5.7
Shire of Moora	Total	1,359	785.3	390.9	4.42	2.88
Shire of Morawa	Total - Rural Long	529	652.4	848.3	7.32	5.70

Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
Town of Mosman Park	Total - Urban	4,178	52.9	130.6	0.33	1.27
Shire of Mount Marshall	Total - Rural Long	457	740.9	848.3	5.18	5.70
Shire of Mukinbudin	Total - Rural Long	373	715.9	848.3	3.49	5.70
Shire of Mundaring	Rural Short	12,597	564.1	215.4	3.65	2.34
Shire of Mundaring	Urban	3,377	715.3	130.6	2.86	1.27
Shire of Mundaring	Total	15,975	234.7	197.5	2.48	2.11
Shire of Murray	Rural Short	6,136	845.4	215.4	5.80	2.34
Shire of Murray	Rural Long	2,263	267.2	848.3	2.28	5.7
Shire of Murray	Urban	466	1,521.8	130.6	15.48	1.27
Shire of Murray	Total	8,865	221.1	372.5	3.51	3.14
Shire of Nannup	Total - Rural Long	1,047	496.4	848.3	2.36	5.70
Shire of Narembeen	Total - Rural Long	562	415.4	848.3	4.39	5.70
Shire of Narrogin	Rural Short	1,578	36.4	215.4	1.04	2.34
Shire of Narrogin	Rural Long	1,055	359.2	848.3	2.28	5.7
Shire of Narrogin	Total	2,633	85.5	469.0	1.33	3.69
City of Nedlands	Urban	8,829	87.3	130.6	0.32	1.27
City of Nedlands	Rural Short	477	7.8	215.4	0.02	2.34
City of Nedlands	Total	9,306	17.5	134.9	0.06	1.32
Shire of Northam	Rural Short	4,394	255.8	215.4	3.39	2.34
Shire of Northam	Rural Long	1,206	803.3	848.3	3.42	5.7
Shire of Northam	Total	5,600	256.7	351.7	2.52	3.06
Shire of Northampton	Total - Rural Long	2,343	465.5	848.3	6.38	5.70
Shire of Nungarin	Total - Rural Long	155	252.9	848.3	2.17	5.70
Shire of Peppermint Grove	Total - Urban	674	149.3	130.6	0.51	1.27
Shire of Perenjori	Total - Rural Long	338	1,057.8	848.3	5.01	5.70
City of Perth	Urban	10,830	42.0	130.6	0.28	1.27
City of Perth	CBD	5,133	36.4	33.7	0.26	0.21
City of Perth	Total	15,963	11.8	99.4	0.14	0.93

Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
Shire of Pingelly	Total - Rural Long	705	403.9	848.3	5.54	5.70
Shire of Plantagenet	Rural Long	2,672	320.1	848.3	1.79	5.7
Shire of Plantagenet	Rural Short	59	377.8	215.4	2.30	2.34
Shire of Plantagenet	Total	2,731	209.3	834.6	1.26	5.63
Shire of Quairading	Total - Rural Long	594	3,931.3	848.3	13.30	5.70
Shire of Ravensthorpe	Total - Rural Long	425	2,007.3	848.3	13.09	5.70
City of Rockingham	Urban	42,627	181.3	130.6	1.85	1.27
City of Rockingham	Rural Short	11,713	239.8	215.4	2.66	2.34
City of Rockingham	Total	54,340	130.3	148.9	1.70	1.50
Shire of Serpentine-Jarrahdale	Rural Short	9,200	417.3	215.4	3.32	2.34
Shire of Serpentine-Jarrahdale	Rural Long	2,594	576.5	848.3	7.18	5.7
Shire of Serpentine-Jarrahdale	Urban	472	685.6	130.6	5.93	1.27
Shire of Serpentine-Jarrahdale	Total	12,266	232.9	346.0	3.23	3.01
City of South Perth	Total - Urban	21,550	46.9	130.6	0.29	1.27
City of Stirling	Urban	105,666	407.8	130.6	2.22	1.27
City of Stirling	Rural Short	1,430	126.4	215.4	1.19	2.34
City of Stirling	Total	107,096	140.8	131.7	1.32	1.28
City of Subiaco	Urban	9,384	91.6	130.6	0.26	1.27
City of Subiaco	Rural Short	511	0.1	215.4	0.00	2.34
City of Subiaco	Total	9,895	79.6	135.0	0.22	1.33
City of Swan	Urban	50,122	183.7	130.6	1.77	1.27
City of Swan	Rural Short	15,863	358.0	215.4	2.91	2.34
City of Swan	Total	65,984	129.7	151.0	1.57	1.53
Shire of Tammin	Rural Long	227	257.5	848.3	4.01	5.7
Shire of Tammin	Rural Short	14	788.4	215.4	7.86	2.34
Shire of Tammin	Total	241	182.5	811.5	1.09	5.50
Shire of Three Springs	Urban	286	211.4	130.6	4.06	1.27
Shire of Three Springs	Rural Long	221	2,426.3	848.3	15.48	5.7

Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
Shire of Three Springs	Total	507	659.7	443.4	4.68	3.20
Shire of Toodyay	Rural Long	1,670	448.4	848.3	4.27	5.7
Shire of Toodyay	Rural Short	977	876.5	215.4	5.37	2.34
Shire of Toodyay	Total	2,647	444.8	614.7	3.11	4.46
Shire of Trayning	Total - Rural Long	287	490.2	848.3	4.46	5.70
Town of Victoria Park	Total - Urban	18,112	72.2	130.6	0.45	1.27
Shire of Victoria Plains	Total - Rural Long	630	617.0	848.3	2.90	5.70
City of Vincent	Total - Urban	19,584	39.8	130.6	0.31	1.27
Shire of Wagin	Rural Short	794	49.4	215.4	0.08	2.34
Shire of Wagin	Rural Long	308	859.3	848.3	3.55	5.7
Shire of Wagin	Total	1,102	217.0	392.2	0.87	3.28
Shire of Wandering	Total - Rural Long	277	177.4	848.3	2.84	5.70
City of Wanneroo	Urban	65,670	195.2	130.6	1.88	1.27
City of Wanneroo	Rural Short	19,399	361.5	215.4	3.33	2.34
City of Wanneroo	Total	85,069	134.1	149.9	1.82	1.51
Shire of Waroona	Total - Rural Short	2,375	224.7	215.4	5.09	2.34
Shire of West Arthur	Rural Long	568	978.3	848.3	4.32	5.7
Shire of West Arthur	Rural Short	8	84.3	215.4	1.12	2.34
Shire of West Arthur	Total	576	417.1	839.5	2.52	5.65
Shire of Westonia	Urban	129	1,310.8	130.6	4.94	1.27
Shire of Westonia	Rural Long	74	1,039.5	848.3	7.78	5.7
Shire of Westonia	Total	203	729.2	391.5	3.44	2.88
Shire of Wickelup	Total - Rural Long	458	416.7	848.3	3.46	5.70
Shire of Williams	Total - Rural Long	583	405.4	848.3	2.27	5.70
Shire of Wongan-Ballidu	Total - Rural Long	906	529.2	848.3	2.57	5.70
Shire of Woodanilling	Total - Rural Long	273	561.0	848.3	2.40	5.70
Shire of Wyalkatchem	Total - Rural Long	379	318.4	848.3	2.66	5.70
Shire of Yilgarn	Rural Short	574	563.9	215.4	3.46	2.34

Local Government Area	SCNRRR Area	Customers (June 2023)	SAIDI	SAIDI SSB	SAIFI	SAIFI SSB
Shire of Yilgarn	Rural Long	274	1,118.7	848.3	4.98	5.7
Shire of Yilgarn	Total	848	330.0	419.9	2.57	3.43
Shire of York	Rural Long	2,087	438.2	848.3	3.55	5.7
Shire of York	Rural Short	48	1,006.5	215.4	6.29	2.34
Shire of York	Total	2,135	216.2	834.1	1.92	5.62