

Annual Reliability and Power Quality Report

For the period 1 July 2014 to 30 June 2015

September 2015

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1 Purpose

The purpose of the Annual Reliability and Power Quality Report (**Report**) is to present the performance of the Western Power Network (**Network**) in accordance with Schedule 1 of the *Electricity Industry (Network Quality and Reliability of Supply) Code 2005* (**Code**), for the reporting period 1 July 2014 to 30 June 2015 (**2014/15 period**).

1.1 Context

The Code, established by the Minister for Energy under the *Electricity Industry Act 2004* sets out supply reliability and quality standards for electricity network operators in relation to voltage fluctuations, harmonics, unplanned or planned interruptions and complaints. Section 27 of the Code states that a transmitter and distributor of electricity must publish a report setting out the information described in Schedule 1 of the Code (**Schedule 1**).

1.2 Definitions

The terminology used in this Report is in accordance with the definitions presented in item 1 to item 3 of Schedule 1 of the Code. Item 2 of Schedule 1 requires the reliability performance measures to include all planned and all unplanned interruptions, with no exclusions, greater than one minute in duration irrespective of location, cause or circumstance, as seen by the customer. This data is inclusive of factors beyond Western Power's control, such as *Force Majeure* events.

For the purpose of this Report, the discrete area "*all other areas of the State*" as stated in items 2(c) and 3(c) of Schedule 1, will be referred to as "other areas" and will be specific to the Network.

For clarity, the terminology used in this Report and item 11 of Schedule 1 of the Code have the same meaning, as set out below:

- Customer Average Interruption Duration Index (**CAIDI**) refers to item 11(a) of Schedule 1, i.e. "*the average length of interruption of supply to customer premises expressed in minutes*".
- System Average Frequency Interruption Duration Index (**SAIFI**) refers to item 11(b) of Schedule 1, i.e. "*the average number of interruptions of supply to customer premises*".
- Average Service Availability Index (**ASAI**) refers to item 11(c) of Schedule 1, i.e. "*the average percentage of time that electricity has been supplied to customer premises*".
- System Average Interruption Duration Index (**SAIDI**) refers to item 11(d) of Schedule 1, i.e. "*the average total length of all interruptions of supply to customer premises expressed in minutes*".

2 How to read this report

For contextual purposes, this Report is structured as follows:

- Section 3 provides geographic details of the Network.
- Section 4 provides an overview of the influencing factors that have impacted the reliability performance of the Network. This section also provides an overview of the strategies and activities being implemented to improve the reliability of the Network.
- Section 5 (addresses item 4 of Schedule 1) reports on non-compliances with the provisions of the Code, including remedial action taken.
- Section 6 (addresses item 5 of Schedule 1) reports on the number of customers that experienced power interruptions exceeding 12 hours at least once during the 2014/15 period, or more than the permitted number of times.
- Section 7 (addresses items 6, 7 and 8 of Schedule 1) summarises the complaints which have been received, logged and subsequently actioned.
- Section 8 (addresses item 9 of Schedule 1) reports the payments made for failure to give the required notice for planned interruptions and for supply interruptions that exceeded 12 hours (as required under sections 18 and 19 of the Code, respectively).
- Section 9 (addresses items 11, 12 and 13 of Schedule 1) provides discrete area performance data which is inclusive of interruptions on the network greater than or equal to one minute that resulted in loss of power to customers.
- Section 10 (addresses items 14 and 15 of Schedule 1) articulates the customer percentiles of average length of interruption, total length of interruption and number of interruptions for the 2014/15 period.

Appendix A provides a list of interruptions that exceeded 12 hours, the length and the number of customers affected.

3 Network topology

The Network is defined by the *Electricity Networks Access Code 2004 (Access Code)* as the portion of the South West Interconnected Network (**SWIN**) that is owned by the Electricity Network Corporation (**Western Power**).

The Network covers a geographic area from Kalbarri to Albany and from Perth through to Kalgoorlie (Figure 1) of 255,064 square kilometres, much of which is isolated and unpopulated. It has a diverse asset base which includes more than 800,000 poles and over 100,000 circuit kilometres of power lines.

The distribution network consists of over 800 feeders, connected to the transmission network at 155 terminal and zone substations, with approximately 67,000 distribution substations providing an electricity supply to over one million customers and over 250,000 streetlights.



Figure 1 - Map of the Western Power Network

4 Overview

This section provides an overview of the:

- environmental factors during the 2014/15 period that impacted the actual reliability performance of the Network
- strategies and activities being implemented by Western Power to improve the reliability of the Network.

4.1 Influence of environmental factors

The overall reliability performance of the Network during the 2014/15 period improved compared to the 2013/14 period.

This improvement was primarily driven by a decrease in:

- pole top fire activity in the Mid-West and Great Southern regions (partially due to an increase in the siliconging programme)
- faults caused by equipment failure in the Great Southern, Goldfields, Mid-West regions, and the Perth Metropolitan area
- planned interruptions in the Perth Metropolitan area.

The largest impact on the reliability of supply to customers for the 2014/15 period was the interruptions in February 2015, where lightning activity and bushfires caused network damage across the Perth Metropolitan, Mid-West, Wheatbelt and South West regions. These environmental events resulted in loss of supply to around 120,000 customers.

4.2 Strategies employed during the 2014/15 period to improve reliability of the Network

A number of key strategies and activities have continued to be implemented during the 2014/15 period delivering improvements in the reliability of supply to customers. This section describes these in further detail. The focus is largely on the infrastructure that contributes to the SAIDI reliability measure.

4.2.1 Routine and targeted maintenance and asset intervention

The purpose of this activity is to positively influence reliability performance and target a reduction in public safety risk.

Reliability performance can be influenced by targeting specific locations and sections of the Network to reduce the number and duration of faults caused by equipment failure, wildlife, and vegetation interacting with the Network. This can be achieved by:

- installing interconnections between parts of the network to facilitate the transfer of customer connections to different points on the network (and so reduce supply interruption duration)
- replacing overhead power lines with covered conductor or underground cables (to reduce the risk of a live electrical conductor coming into contact with 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.

This activity also involves Western Power's routine and targeted asset inspection and maintenance programs, as well as inspections and monitoring of assets in conjunction with vegetation management plans. It includes the replacement of under-performing assets, deteriorating assets and defective assets, such as poles and conductors. This contributes directly to improving the condition of the assets and so is expected to positively influence reliability performance and assist in reducing public safety risk.

4.2.2 Continued rollout of the State Underground Power Program

The State Underground Power Program (SUPP) selects areas for the replacement of the overhead distribution network with underground cables.

This program seeks to increase the security of the Network in severe weather conditions, while also reducing:

- safety hazards caused by fallen powerlines
- vegetation risk around overhead powerlines
- car accidents involving network infrastructure.

The SUPP is a State Government initiative administered by the Public Utilities Office. The cost of each residential project is shared between the State Government, Western Power and Local Government. Further information on the current SUPP delivery program is available on Western Power's website¹.

¹ See Western Power website, State Underground Power Program web page, <http://www.westernpower.com.au/network-projects-your-community-state-underground-power-program-upp-.html>

5 Non-compliances

This section is provided in response to the requirements of item 4 of Schedule 1 of the Code.

Code extract:

Item 4:

“In respect of each failure by the transmitter or distributor to comply with a provision of this Code or an instrument under Section 14(3) (as identified by monitoring records or under section 24 or following a complaint) –

- a) the total number of breaches of each provision; and*
- b) the remedial action taken in each case.”*

5.1 Reliability

During the course of the year there were three non-compliances relating to reliability.

5.1.1 Section 9 of the Code

Section 9 of the Code requires Western Power, so far as is reasonably practicable, to ensure that the supply of electricity to a customer is maintained and the occurrence and duration of interruptions is kept to a minimum. It is not a breach of Section 9 of the Code if a customer’s electricity supply is interrupted and a notice of that interruption is provided, as required by Section 11(1A)(1)(b) of the Code.

During the 2014/15 period, the required notice of 72 hours (or at the earliest practicable time) before the start of the interruption was not provided to a number of customers.

As detailed in Table 3, Western Power made a payment to 341 customers for failing to give the required notice of a planned interruption.

5.1.2 Section 12(3) of the Code

Section 12(3) of the Code requires Western Power to take prescribed action in the event of a significant interruption to a small use customer. As detailed in sections 6.1 and 6.2 of this report, there were instances where customers experienced supply interruptions:

- lasting longer than 12 hours; or
- occurring more frequently than the permitted number of times

The main reasons for the non-compliances were adverse weather related events which were beyond Western Power’s control. As such, Western Power was unable to remedy the causes of the interruptions so that prescribed standards were met, nor did it enter into alternative arrangements to the small use customer’s satisfaction.

The Code does not exclude adverse weather related events in the calculation of permissible interruptions, therefore Western Power was non-compliant during the 2014/15 period. Further, the Service Standard Benchmarks in Western Power’s Access Arrangement permit the calculation of significant interruptions to be normalised to exclude adverse weather related events.

Western Power will continue discussions with the Public Utilities Office to facilitate alignment of the Code requirements with the Service Standard Benchmarks in the Access Arrangement.

5.1.3 Section 13(2) of the Code

Section 13(2) of the Code requires Western Power to perform to the prescribed standard for the average total length of interruptions. Western Power's performance during the 2014/15 period was below the prescribed standards.

This non-compliance is ongoing and currently Western Power is unable to comply with the standards prescribed in the Code. The reliability standards under the Code exceed the Service Standard Benchmarks under the Access Arrangement, therefore, Western Power has two sets of performance standards to comply with. Western Power believes that the Code requires revision to align with the average total length of interruptions standards.

Western Power will continue engaging with the Public Utilities Office to request revisions to the Code.

5.2 Extended Outage Payments

During the 2014/15 period, Western Power was non-compliant with section 19 of the Code which requires Western Power to make a payment to a customer within a specific timeframe if a supply interruption exceeds 12 hours.

Under the Extended Outage Payment Scheme (EOPS), Western Power made a payment to 7,509 customers during the 2014/15 period.

One of these payments was not made within the prescribed timeframe. This is a significant improvement in comparison to previous years. To address this non-compliance, the EOPS procedures including time frame for approving manual cheques were reviewed and improved to ensure that Western Power is compliant with section 19 in the future.

6 Supply interruptions

This section sets out Western Power’s response to item 5 of Schedule 1 of the Code.

Code extract:

Item 5:

“The number of premises of small use customers the supply of electricity to which has been interrupted –

- a) for more than 12 hours continuously; or*
- b) more than the permitted number of times, as that expression is defined in section 12(1),*

and in the case of interruptions referred to in paragraph (a), the number of interruptions and the length of each interruption.

Noting: Item 10:

“The information published for items 4(a), 6, 7, 8 and 9 in respect of the year ending 30 June preceding the year to which the report relates.”

6.1 Performance - Interruptions exceeding 12 hours

Item 5(a):

During the 2014/15 period, there were 1,775 incidents resulting in 37,280 customers experiencing an interruption that exceeded 12 hours continuously.

Refer to Appendix A for a complete list of customer interruptions.

The customer interruptions exceeding 12 hours for the 2014/15 period were predominately due to events beyond Western Power’s control - specifically storm activity (see section 4).

However, in comparison to the 2013/14 period, there was a decrease in the number of customers interrupted predominantly as a result of reduced storm activity and a lower number of pole top fires.

6.2 Performance - Interruptions exceeding the permitted number of times

Item 5(b):

Table 1 shows the number of customers interrupted more than the number of times expressed in section 12(1) of the Code.

Table 1: Customers that have been interrupted more than the number of times expressed in section 12(1) of the Code

	2013/14	2014/15
Customers in Urban areas (including Perth CBD) that have been interrupted more than 9 times	12,326	4,755
Customers in other areas that have been interrupted more than 16 times	5,154	3,912

Customers in urban areas who experienced more than nine interruptions for the 2014/15 period were predominantly within the Perth metropolitan region. The reduced number of customers impacted more than nine times in the 2014/15 period was predominantly the

result of a decrease in planned interruptions, the impact of previous power line upgrades, as well as a decrease in unplanned interruptions from equipment failures.

Customers in other areas who experienced more than 16 interruptions during the 2014/15 period were predominantly in the Mid-West and Wheatbelt regions.

The reduced number of customers in other areas impacted more than 16 times in the 2014/15 period was predominantly the result of a decrease in unplanned interruptions from overhead equipment failures.

Western Power constantly monitors areas where customers experience recurring interruptions and undertakes remedial action, as required.

7 Customer Complaints

This section sets out Western Power's response to items 6, 7 and 8 of Schedule 1.

Code extract:

Item 6: *"The total number of complaints received"*

Item 7: *"The number of complaints received from customers in each of the discrete areas"*

Item 8: *"The total amount spent by the transmitter or distributor in addressing complaints, other than by way of payment under sections 18 and 19"*

Noting: Item 10:

"The information published for items 4(a), 6, 7, 8 and 9 in respect of the year ending 30 June preceding the year to which the report relates."

7.1 Performance - Customer complaints

The power quality and reliability complaints calculation process has been revised for the 2014/15 period to ensure that all data sources are examined and cross-referenced. The revised process now includes power quality data which was previously classified under the Customer Code.

A total of 975 complaints were received in relation to the following requirements of the Code:

- Section 6(2) Voltage fluctuations
- Section 7 Harmonics
- Sections (9 – 13) Reliability of supply

Table 2 provides a breakdown of the 975 complaints by each of the discrete areas.

Table 2: Complaints received in 2013/14 and 2014/15 - total and by discrete area as per items 6 and 7 of Schedule 1

	Number of Complaints	
	2013/14	2014/15
Perth CBD areas	1	7
Urban areas other than Perth CBD	417	485
Other areas	347	483
Total	765	975

Following investigations of each customer complaint, the findings were communicated to the customers. The total amount spent during the 2014/15 period for investigation of complaints was \$132,910, compared to \$134,737 during the 2013/14 period.

8 Payments to Customers

This section sets out Western Power's response to item 9 of Schedule 1.

Code extract:

Item 9:

"The number and total amount of payments made by the transmitter or distributor under each of sections 18 and 19"

Noting: Item 10:

"The information published for items 4(a), 6, 7, 8 and 9 in respect of the year ending 30 June preceding the year to which the report relates."

8.1 Performance - Planned interruptions

Between the 2014/15 and 2013/14 periods, there has been a 55% decrease in service standard payments to customers for not providing the required notification of a planned interruption, or for an interruption lasting longer than 12 hours. Table 3 below provides further details.

Planned interruptions continue to be an area of focus for Western Power, with attention being paid to additional customer contact during the notification process.

8.2 Performance - Extended outage payment scheme

Table 3 shows the extended outage payments made for the 2013/14 and 2014/15 periods.

Table 3: Payments in 2013/14 and 2014/15 as per item 9 of Schedule 1

	2013/14		2014/15	
	Number	Value	Number	Value
Payments for failure to give required notice of a planned interruption	751	\$15,020 ²	341	\$6,820 ³
Payments for supply interruptions exceeding 12 hours	15,166	\$1,213,280	7,509	\$600,800

² In addition to the \$15,020 pursuant to clause 18 of the Code, Western Power made \$22,530 ex gratia payments.

³ In addition to the \$6,820 pursuant to clause 18 of the Code, Western Power made \$10,230 ex gratia payments.

9 Supply reliability

This section sets out Western Power’s response to items 11, 12 and 13 of Schedule 1.

Code extract:

Item 11

“For each discrete area –

- a) the average length of interruption of supply to customer premises expressed in minutes [CAIDI] ;*
- b) the average number of interruptions of supply to customer premises [SAIFI] ;*
- c) the average percentage of time that electricity has been supplied to customer premises [ASAI]; and*
- d) the average total length of all interruptions of supply to customer premises expressed in minutes [SAIDI].”*

Item 12

“The information published for each paragraph of item 11 in respect of each of the 3 years ending 30 June preceding the year to which the report relates.”

Item 13

“For each paragraph of item 11, the average of the 4 amounts under that paragraph in respect of the years comprising –

- a) the year to which the report relates; and*
- b) the 3 years referred to in item 12.”*

Part 2, Division 3, Sections 13(2) and 13(3) set out the prescribed standards for the average total length of interruptions of supply in particular areas.

Code extract:

Subsection 13(2) “A transmitter or distributor must, so far as is reasonably practicable, ensure that for customer premises in an area referred to in the first column of the Table to this subsection the average total length of interruptions of supply, as calculated under subsection (3), does not exceed the number of minutes specified in the second column opposite the reference to that area.

Area	Standard for average total length of interruptions
the Perth CBD	30
the urban areas other than the Perth CBD	160
any other area of the State	290

Subsection 13(3) For the purposes of subsection (2), the average total length of interruptions of supply is to be calculated as at 30 June in each year –

- a) by taking the average total length, in minutes, of interruptions of supply to customer premises in an area during each year of the period of 4 years ending on that day; and*

b) by then taking the average of the 4 annual figures determined under paragraph (a).”

Tables 4 to 7 show the SAIDI, SAIFI, CAIDI and ASAI performance over the past four years ending 30 June each year, including the 2014/15 period, for the discrete areas of Perth CBD, urban and other areas.

9.1 Performance – Perth CBD

The Perth CBD reliability performance shown in Table 4 was better during the 2014/15 period. This was due to a reduction in underground cable failures.

Table 4: Perth CBD area reliability

KPI	Units	Financial year ending 30 June				4 Year Average
		2011/12	2012/13	2013/14	2014/15	
SAIDI	minutes per year	25	35	40	33	33
SAIFI	interruptions per year	0.23	0.29	0.25 ⁴	0.20	0.24
CAIDI	minutes per interruption	108	118	162	166	139
ASAI	% availability per year	99.995	99.993	99.992	99.994	99.994

9.2 Performance – Urban areas

The reliability performance in urban areas shown in Table 5 was better during the 2014/15 period. This was due to a reduction in the number of planned outages in comparison to the 2013/14 period. In addition, power line upgrades completed in previous years have contributed to a reduction in unplanned interruptions caused by equipment failure.

Table 5: Urban areas reliability

KPI	Units	Financial Year Ending 30 June				4 Year Average
		2011/12	2012/13	2013/14	2014/15	
SAIDI	Minutes per year	522	272	281	229	326
SAIFI	Interruptions per year	2.46	2.10	2.04	1.86	2.12
CAIDI	Minutes per interruption	212	130	138	123	151
ASAI	% availability per year	99.901	99.948	99.946	99.956	99.938

⁴ Previously reported SAIFI of 0.24 for 2013/14 has been amended to 0.25 due to a data revision

9.3 Performance – Other areas

The reliability performance of other areas is illustrated in Table 6, which shows that performance in the 2014/15 period was lower in comparison to the 2013/14 period. This worsening performance was predominantly due to:

- planned outages resulting from remedial activities which were undertaken in specific areas, including maintenance repairs/alteration work on overhead lines, and repair work on reclosers, switching and protection devices
- lightning activity.

Table 6: All other areas of the State reliability

KPI	Units	Financial Year Ending 30 June				4 Year Average
		2011/12	2012/13	2013/14	2014/15	
SAIDI ⁵	Minutes per year	1,277	861	984	1,000	1,030
SAIFI ⁶	Interruptions per year	5.60	5.65	4.95	5.44	5.41
CAIDI	Minutes per interruption	228	152	199	184	191
ASAI	% availability per year	99.757	99.836	99.813	99.810	99.804

Please note that in previous years' reports, Western Power included in this section reliability performance data for "Isolated Networks", comprising Ravensthorpe and Bremer Bay. On further analysis of the definition of "Isolated System" contained in schedule 1 of the Code⁷, Western Power has concluded that it does not operate any isolated systems. Therefore, this data will no longer be reported as a separate category and is included in data for "all other areas of the State". This has resulted in minor changes to previously reported reliability performance data for SAIDI and SAIFI.

⁵ Previously reported SAIDI: 2011/12 (1,279), 2012/13 (863), 2013/14 (983)

⁶ Previously reported SAIFI: 2011/12 (5.67), 2012/13 (no change), 2013/14 (4.93)

⁷ "Isolated System" means "a system for the transmission and distribution of electricity that is not connected to the North West interconnected system or the South West interconnected system".

10 Percentile values

This section sets out Western Power’s response to items 14 and 15 of Schedule 1.

Code extract:

Item 14

“For customer premises in each discrete area, an estimate of the 25th, 50th, 75th, 90th, 95th, 98th and 100th percentile values of –

- a) The average length of interruption referred to in item 11(a)*
- b) The number of interruptions; and*
- c) The total length of interruptions.”*

Item 15

“For each category of information in item 14 (a), (b) and (c), a graph showing the distribution of customer premises across the range of that category.”

Percentiles are selected over the customer premise count for each discrete area.

For an example on how to interpret the tables and figures below, see Table 8 and Figure 3, which show that for the 2014/15 period, 50 percent of customers in urban areas had no more than one interruption.

10.1 Performance – Average length of interruptions

Table 7 and Figure 2 show the average length of interruptions to customers based on the prescribed percentiles for the 2014/15 period:

The 100th percentile figure for the CBD area is predominantly due to asset damage from water flooding.

The 100th percentile figure for urban areas is due to bushfire activity.

The 100th percentile figure for other areas is predominantly due to asset damage from storm activity.

Table 7: Average length of interruption (minutes) percentile figures as per item 14(a) of Schedule 1

	25 th	50 th	75 th	90 th	95 th	98 th	100 th
Perth CBD	0	0	0	136	270	367	2,507
Urban areas	0	58	115	224	303	435	2,968
Other areas	63	128	228	327	383	477	1,994

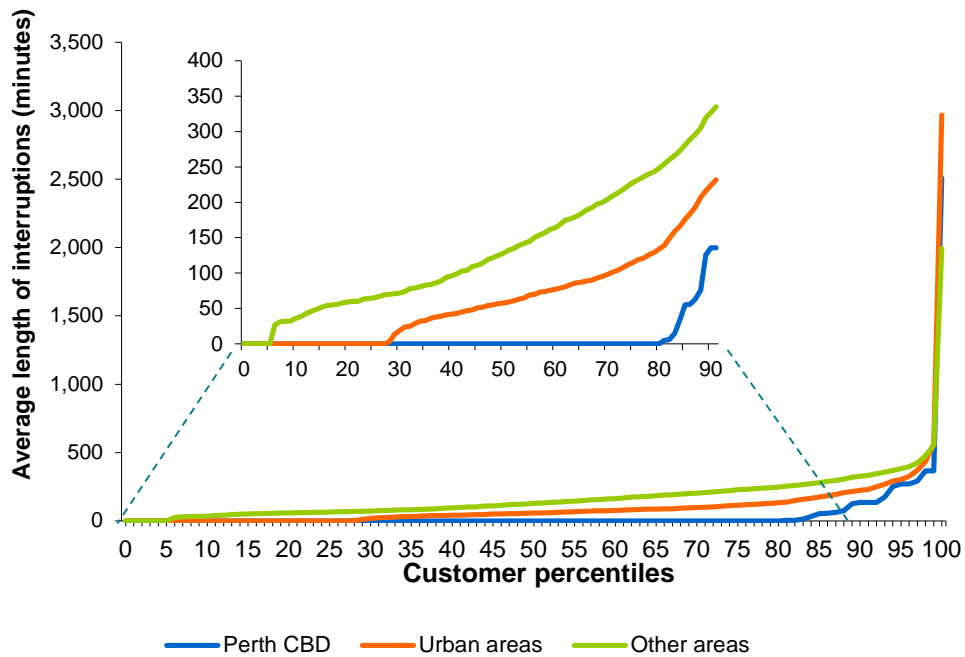


Figure 2: Average length of interruption percentile distribution as per item 15 of Schedule 1

10.2 Performance - Number of interruptions

Table 8 and Figure 3 show the number of interruptions to customers based on the prescribed percentiles.

For the 2014/15 period approximately:

- 80% of CBD customers experienced no interruptions
- 99% of urban area customers experienced 9 or fewer interruptions
- 97% of customers in other areas experienced 16 or fewer interruptions.

Areas of the Network which have a high frequency of interruptions are monitored and targeted for applicable remedial activities.

Table 8: Number of interruptions percentile figures as per item 14(b) of Schedule 1

	25 th	50 th	75 th	90 th	95 th	98 th	100 th
Perth CBD	0	0	0	1	1	2	9
Urban areas	0	1	3	4	5	7	17
Other areas	2	4	7	11	14	17	36

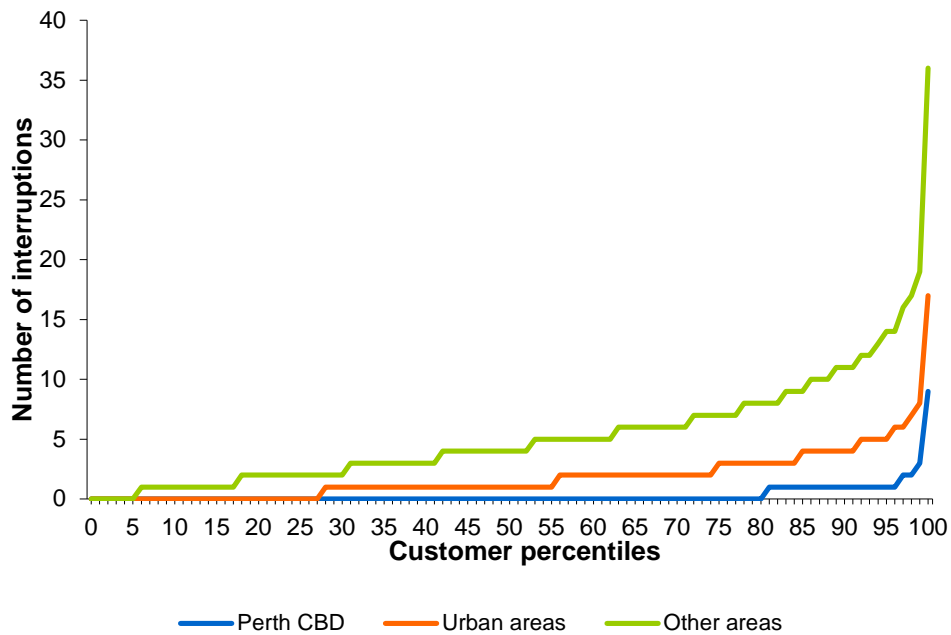


Figure 3: Number of interruptions percentile distribution as per item 15 of Schedule 1

10.3 Performance - Total length of all interruptions

Table 9 and Figure 4 show the total length of interruptions to customers based on the prescribed percentiles.

For the 2014/15 period:

- the 100th percentile figure for the CBD area is predominantly due to asset damage from water flooding
- the 100th percentile figure for urban areas is due to bushfire activity
- the 100th percentile figure for other areas is predominantly due to asset damage from bushfire activity (see section 4.1)
- approximately 83% of customers in the CBD area experienced total interruption minutes of less than 30⁸ minutes
- approximately 61% of customers in urban areas experienced total interruption minutes of less than 160⁹ minutes
- approximately 33% of customers in other areas experienced total interruption minutes of less than 290¹⁰ minutes.

⁸ Part 2 section 13(2) prescribed value

⁹ Part 2 section 13(2) prescribed value

¹⁰ Part 2 section 13(2) prescribed value

Table 9: Total length of interruptions (minutes) percentile figures as per item 14(c) of Schedule 1

	25 th	50 th	75 th	90 th	95 th	98 th	100 th
Perth CBD	0	0	0	136	270	367	2,507
Urban areas	0	95	291	611	894	1,323	11,874
Other areas	178	579	1,331	2,393	3,320	4,513	25,838

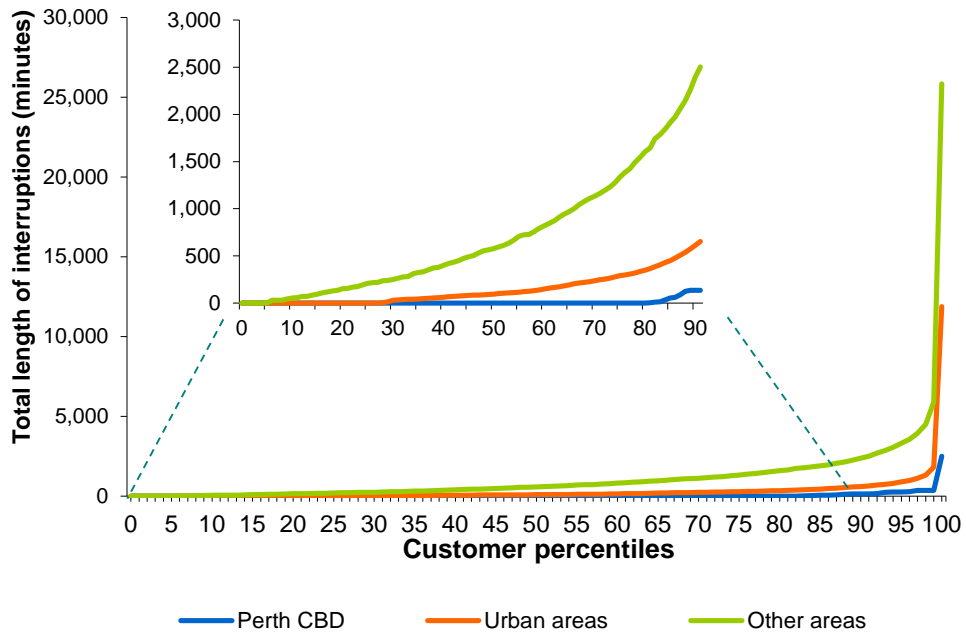


Figure 4: Total length of interruptions percentile distribution as per item 15 of Schedule 1

Appendix A - List of customer interruptions greater than 12 hours

As per section 6 of this report, the list below provides details of interruptions exceeding 12 hours, including the length and the number of customers affected. Western Power endeavours to minimise the duration of all interruptions and the list below highlights (*) those interruptions where progressive restoration of customer supplies has been possible through switching and reconfiguration of the Network prior to full restoration.

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1*	27.77	27.82	4
2	22.35	22.35	1
3	19.94	19.94	1
4*	13.22	13.49	209
5	19.90	19.90	65
6	23.24	23.24	37
7	12.24	12.24	15
8	12.32	12.32	78
9	15.52	15.52	1
10	16.37	16.37	1
11	27.49	27.49	1
12	14.51	14.51	2
13	15.40	15.40	1
14	14.53	14.53	1
15	20.62	20.62	1
16	26.10	26.10	1
17	25.98	25.98	3
18	22.14	22.14	1
19	14.05	14.05	1
20	20.78	20.78	1
21	27.03	27.03	1
22	17.78	17.78	1
23*	14.91	14.92	19
24	18.37	18.37	1
25*	13.09	13.29	229
26	12.50	12.50	74
27	15.88	15.88	12
28	21.32	21.32	1
29	40.29	40.29	1
30	15.54	15.54	1
31	31.03	31.03	1
32	43.49	43.49	4
33	49.52	49.52	1
34	26.37	26.37	1
35	13.47	13.47	1
36	17.35	17.35	103
37	12.64	12.64	374
38	14.38	14.38	60

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
39	21.12	21.12	1
40	17.48	17.48	1
41*	14.48	14.56	47
42	14.50	14.50	1
43	12.17	12.17	1
44	17.23	17.23	1
45	16.59	16.59	1
46	16.40	16.40	159
47	17.00	17.00	65
48	13.37	13.37	1
49	16.60	16.60	196
50	13.42	13.42	166
51	12.64	12.64	1
52	19.25	19.25	3
53	12.91	12.91	1
54	12.47	12.47	2
55	46.27	46.27	1
56	18.20	18.20	28
57	15.15	15.15	1
58	14.77	14.77	1
59	20.47	20.47	1
60	20.08	20.08	5
61	21.16	21.16	10
62	15.82	15.82	1
63	12.87	12.87	400
64	12.80	12.80	23
65	16.32	16.32	1
66	18.72	18.72	42
67	40.81	40.81	1
68	43.53	43.53	1
69*	12.28	13.03	210
70	16.26	16.26	1
71	13.10	13.10	1
72	17.54	17.54	1
73	18.06	18.06	1
74	26.46	26.46	1
75	14.43	14.43	1
76	17.86	17.86	1
77	17.33	17.33	14
78*	23.67	25.37	4
79*	14.56	14.71	185
80	12.46	12.46	1
81*	14.04	14.11	4
82	23.85	23.85	1
83*	14.28	22.84	10
84	16.48	16.48	1
85	25.70	25.70	1
86	20.41	20.41	37
87	20.77	20.77	12

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
88	18.58	18.58	3
89	19.73	19.73	1
90	15.71	15.71	1
91	22.97	22.97	1
92	20.63	20.63	40
93	20.24	20.24	41
94	16.20	16.20	153
95	16.40	16.40	1
96	12.28	12.28	35
97*	12.25	12.52	38
98	17.59	17.59	1
99	17.96	17.96	1
100	12.82	12.82	1
101	45.70	45.70	1
102	15.05	15.05	1
103	21.56	21.56	3
104	19.11	19.11	1
105	17.85	17.85	10
106	22.67	22.67	1
107*	12.97	16.26	382
108	14.96	14.96	111
109	19.06	19.06	1
110	44.52	44.52	1
111	17.38	17.38	1
112	15.79	15.79	9
113	16.05	16.05	1
114	35.43	35.43	23
115	19.83	19.83	13
116	18.19	18.19	8
117	36.26	36.26	1
118	17.68	17.68	1
119	13.15	13.15	61
120*	12.26	14.31	787
121	61.60	61.60	1
122	16.28	16.28	65
123	22.53	22.53	70
124	28.55	28.55	1
125	13.96	13.96	54
126	18.82	18.82	1
127	22.07	22.07	1
128	23.47	23.47	2
129*	15.13	16.15	426
130	19.23	19.23	16
131	26.75	26.75	1
132	15.35	15.35	1
133	13.20	13.20	1
134	20.91	20.91	9
135	26.61	26.61	2
136	15.30	15.30	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
137*	16.91	16.96	4
138	50.52	50.52	1
139	28.21	28.21	1
140	21.45	21.45	3
141	15.31	15.31	13
142	30.07	30.07	1
143	27.06	27.06	1
144	20.53	20.53	1
145	24.00	24.00	4
146	17.92	17.92	1
147	13.07	13.07	32
148	12.68	12.68	34
149	12.59	12.59	9
150	12.53	12.53	14
151	17.41	17.41	12
152	13.77	13.77	1
153	14.69	14.69	1
154	12.52	12.52	1
155	12.06	12.06	30
156	17.02	17.02	12
157*	25.72	28.55	16
158	96.99	96.99	1
159	21.94	21.94	1
160	22.98	22.98	1
161	19.69	19.69	31
162	20.37	20.37	26
163	39.60	39.60	1
164	21.03	21.03	67
165	23.59	23.59	40
166*	14.47	39.45	107
167	16.22	16.22	14
168	12.49	12.49	1
169	33.40	33.40	1
170	27.01	27.01	1
171	26.72	26.72	1
172	17.04	17.04	61
173	23.32	23.32	1
174	16.87	16.87	1
175	22.73	22.73	2
176	14.73	14.73	1
177	21.93	21.93	1
178	18.10	18.10	1
179	16.59	16.59	1
180*	12.30	12.43	124
181	34.39	34.39	56
182	18.98	18.98	109
183	22.27	22.27	1
184	12.46	12.46	1
185	27.02	27.02	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
186	22.07	22.07	1
187	18.85	18.85	1
188*	15.70	15.91	32
189	13.97	13.97	1
190	26.05	26.05	1
191	12.34	12.34	2
192	24.48	24.48	1
193	14.12	14.12	1
194	12.32	12.32	56
195	29.34	29.34	14
196	42.18	42.18	7
197	22.46	22.46	91
198	24.87	24.87	209
199	12.77	12.77	6
200	48.38	48.38	1
201	24.84	24.84	1
202	19.32	19.32	5
203	19.30	19.30	6
204	19.38	19.38	1
205	12.38	12.38	1
206	23.15	23.15	1
207	14.12	14.12	2
208	17.88	17.88	1
209	15.18	15.18	7
210	15.53	15.53	1
211	38.25	38.25	3
212	20.40	20.40	1
213	20.96	20.96	21
214	14.80	14.80	1
215	19.64	19.64	8
216	13.56	13.56	1
217	12.07	12.07	29
218*	12.45	13.18	13
219	19.07	19.07	31
220	25.04	25.04	12
221	19.34	19.34	1
222	14.85	14.85	187
223	20.23	20.23	29
224	21.50	21.50	1
225	20.48	20.48	10
226	21.02	21.02	1
227	17.23	17.23	1
228	14.51	14.51	156
229	18.30	18.30	1
230	17.66	17.66	1
231	15.37	15.37	1
232*	16.45	23.42	12
233	23.51	23.51	1
234	22.29	22.29	28

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
235	24.39	24.39	1
236	19.01	19.01	28
237	21.00	21.00	66
238	20.81	20.81	66
239	13.37	13.37	84
240	16.82	16.82	1
241	18.90	18.90	1
242	19.36	19.36	1
243	15.04	15.04	60
244	20.01	20.01	29
245	16.12	16.12	48
246	17.79	17.79	309
247	13.35	13.35	1
248	14.63	14.63	32
249	16.39	16.39	1
250	15.53	15.53	1
251	15.36	15.36	1
252	24.27	24.27	1
253	21.24	21.24	10
254	17.40	17.40	4
255	15.83	15.83	1
256	14.53	14.53	1
257	21.74	21.74	1
258*	16.36	16.92	230
259	16.36	16.36	63
260*	12.08	12.71	153
261*	13.58	13.88	151
262	21.04	21.04	1
263	22.94	22.94	1
264	25.42	25.42	5
265	15.85	15.85	1
266	16.93	16.93	1
267	17.50	17.50	1
268	16.82	16.82	1
269	18.20	18.20	1
270	19.49	19.49	24
271	12.76	12.76	74
272	18.86	18.86	20
273*	12.83	16.57	35
274	17.73	17.73	1
275	14.38	14.38	13
276	38.55	38.55	1
277	22.65	22.65	29
278	15.46	15.46	1
279	17.45	17.45	1
280	14.25	14.25	7
281	14.77	14.77	1
282	21.05	21.05	1
283	23.22	23.22	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
284	12.79	12.79	1
285	17.66	17.66	5
286	49.88	49.88	1
287	18.04	18.04	1
288	37.04	37.04	4
289	20.01	20.01	116
290	18.70	18.70	292
291*	12.09	12.42	24
292	23.98	23.98	26
293	13.60	13.60	1
294	20.70	20.70	1
295	18.07	18.07	1
296	23.01	23.01	1
297	15.33	15.33	1
298	12.36	12.36	1
299	16.30	16.30	1
300	12.74	12.74	7
301	49.38	49.38	12
302	25.07	25.07	1
303	26.95	26.95	1
304	12.29	12.29	1
305	13.62	13.62	1
306	16.68	16.68	6
307	13.39	13.39	59
308*	14.98	15.04	3
309	14.23	14.23	1
310	20.38	20.38	3
311	69.69	69.69	1
312	13.50	13.50	23
313	17.53	17.53	9
314	24.07	24.07	4
315	28.28	28.28	5
316	12.64	12.64	1
317	20.87	20.87	1
318	22.04	22.04	21
319	51.46	51.46	1
320	51.82	51.82	1
321	12.48	12.48	33
322	16.18	16.18	1
323	15.68	15.68	3
324	13.34	13.34	1
325	23.32	23.32	1
326	14.91	14.91	1
327	22.67	22.67	20
328	17.52	17.52	1
329	18.81	18.81	1
330*	13.12	21.47	66
331	17.05	17.05	2
332	17.18	17.18	19

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
333	14.97	14.97	2
334	12.18	12.18	1
335*	13.25	16.35	89
336	13.99	13.99	24
337	13.58	13.58	3
338*	17.13	19.27	21
339	16.03	16.03	1
340	14.53	14.53	65
341	19.58	19.58	12
342	12.18	12.18	1
343	12.95	12.95	14
344	23.99	23.99	7
345	20.52	20.52	1
346	18.67	18.67	3
347	16.02	16.02	1
348	21.96	21.96	1
349	21.72	21.72	12
350	70.05	70.05	1
351	20.46	20.46	1
352	20.01	20.01	1
353	15.22	15.22	52
354	12.38	12.38	7
355	13.62	13.62	1
356	21.31	21.31	1
357	12.83	12.83	1
358	18.95	18.95	1
359	12.38	12.38	1
360	31.01	31.01	22
361	64.12	64.12	1
362	13.83	13.83	3
363	39.00	39.00	18
364	16.54	16.54	1
365	30.41	30.41	12
366	13.45	13.45	2
367	13.91	13.91	1
368	18.62	18.62	28
369	20.03	20.03	1
370	12.84	12.84	66
371	26.23	26.23	1
372	13.52	13.52	1
373	14.15	14.15	5
374	13.59	13.59	16
375	17.42	17.42	1
376	12.65	12.65	1
377	12.62	12.62	1
378	14.56	14.56	44
379	13.51	13.51	1
380	13.18	13.18	1
381*	12.24	13.69	24

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
382	20.94	20.94	1
383*	25.00	25.03	20
384	18.10	18.10	5
385	29.06	29.06	1
386	20.61	20.61	2
387	17.13	17.13	7
388	24.86	24.86	1
389	22.87	22.87	1
390	21.00	21.00	1
391	19.92	19.92	1
392	18.85	18.85	1
393	12.11	12.11	1
394*	12.37	41.34	4
395*	14.74	15.06	191
396*	13.47	13.54	5
397	12.86	12.86	63
398	12.62	12.62	23
399	14.17	14.17	1
400*	12.43	12.46	145
401	15.49	15.49	67
402	13.69	13.69	5
403	12.82	12.82	1
404	26.68	26.68	1
405	12.81	12.81	1
406	12.32	12.32	80
407	25.49	25.49	1
408	15.21	15.21	1
409	12.47	12.47	1
410	24.71	24.71	1
411	13.18	13.18	70
412	15.82	15.82	2
413	23.00	23.00	1
414	14.59	14.59	1
415	27.05	27.05	6
416	13.29	13.29	1
417	21.43	21.43	1
418	16.61	16.61	6
419	18.75	18.75	4
420	14.24	14.24	1
421	19.15	19.15	1
422	13.71	13.71	5
423	12.78	12.78	1
424	16.86	16.86	2
425	18.52	18.52	23
426	13.66	13.66	1
427	12.36	12.36	7
428*	51.27	51.50	3
429	16.68	16.68	29
430	20.10	20.10	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
431	18.04	18.04	3
432	15.85	15.85	12
433	22.05	22.05	1
434	20.27	20.27	1
435	24.00	24.00	6
436	28.45	28.45	3
437	25.19	25.19	1
438	25.07	25.07	1
439	15.79	15.79	1
440	13.67	13.67	75
441	16.13	16.13	1
442	15.02	15.02	42
443	50.48	50.48	11
444	23.93	23.93	1
445	25.65	25.65	10
446	24.54	24.54	1
447	28.12	28.12	10
448	49.14	49.14	1
449	22.14	22.14	1
450	28.26	28.26	1
451	14.67	14.67	1
452	18.36	18.36	1
453	15.00	15.00	7
454	21.22	21.22	1
455	12.83	12.83	120
456	42.48	42.48	1
457*	15.54	23.59	46
458	17.39	17.39	32
459	15.92	15.92	1
460	17.30	17.30	18
461	18.01	18.01	1
462	12.24	12.24	1
463	14.41	14.41	1
464	16.73	16.73	25
465	13.59	13.59	10
466	20.07	20.07	1
467	26.13	26.13	5
468	20.81	20.81	1
469	17.38	17.38	10
470	16.09	16.09	1
471	15.95	15.95	31
472	54.47	54.47	1
473	28.09	28.09	1
474	12.35	12.35	88
475*	15.19	40.19	58
476	18.63	18.63	11
477*	15.42	15.43	63
478	18.45	18.45	173
479	12.62	12.62	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
480	25.06	25.06	46
481*	17.29	20.16	28
482	12.48	12.48	12
483	14.83	14.83	56
484	26.06	26.06	1
485	20.87	20.87	1
486	16.53	16.53	1
487	13.21	13.21	1
488*	18.88	19.48	49
489	19.12	19.12	1
490	23.58	23.58	1
491	23.87	23.87	4
492	15.07	15.07	1
493	30.22	30.22	1
494	18.11	18.11	12
495	23.62	23.62	10
496	18.25	18.25	1
497	18.77	18.77	10
498	14.31	14.310	1
499	13.40	13.40	1
500	12.35	12.35	1
501	33.06	33.06	1
502	26.52	26.52	63
503	22.58	22.58	1
504	15.15	15.15	11
505	24.06	24.06	1
506	24.30	24.30	1
507	24.83	24.83	73
508	17.26	17.26	6
509	19.65	19.65	1
510*	21.37	42.29	10
511	25.01	25.01	1
512*	17.66	44.76	5
513	20.85	20.85	1
514	16.03	16.03	1
515	14.75	14.75	1
516*	79.09	79.11	12
517	51.65	51.65	1
518	21.88	21.88	8
519	22.66	22.66	1
520	18.04	18.04	1
521	66.69	66.69	1
522	13.34	13.34	1
523	15.50	15.50	1
524	18.45	18.45	41
525	12.65	12.65	1
526	17.84	17.84	172
527	18.94	18.94	68
528	12.40	12.40	37

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
529	20.79	20.79	7
530*	17.41	21.04	7
531	16.45	16.45	27
532	16.90	16.90	1
533	16.57	16.57	11
534	15.63	15.63	1
535	17.28	17.28	1
536	12.50	12.50	89
537	12.49	12.49	71
538	14.83	14.83	1
539	17.18	17.18	1
540	17.07	17.07	12
541	17.32	17.32	1
542	14.49	14.49	1
543	14.03	14.03	1
544	17.25	17.25	1
545	16.37	16.37	1
546	13.70	13.70	1
547	15.16	15.16	1
548	12.84	12.84	1
549	13.90	13.90	1
550	12.55	12.55	1
551*	12.98	14.91	131
552	12.62	12.62	1
553	13.13	13.13	1
554	37.37	37.37	1
555	27.23	27.23	1
556	12.55	12.55	10
557	13.63	13.63	8
558	16.25	16.25	1
559	18.33	18.33	1
560	28.23	28.23	1
561	19.32	19.32	1
562	14.95	14.95	1
563	18.70	18.70	1
564	12.18	12.18	19
565	12.16	12.16	1
566	32.92	32.92	1
567	18.85	18.85	10
568	17.22	17.22	1
569	20.81	20.81	29
570	28.67	28.67	5
571	41.78	41.78	2
572	17.24	17.24	2
573	20.47	20.47	1
574	16.09	16.09	1
575	26.16	26.16	1
576	52.62	52.62	3
577	14.49	14.49	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
578*	18.48	19.51	401
579	15.93	15.93	1
580	21.97	21.97	1
581	16.15	16.15	1
582	12.37	12.37	15
583	26.00	26.00	1
584*	21.54	22.65	7
585	30.25	30.25	1
586	17.93	17.93	66
587	16.35	16.35	1
588	26.14	26.14	1
589	17.14	17.14	1
590	17.71	17.71	93
591*	12.68	15.55	6
592	12.46	12.46	5
593	12.36	12.36	9
594	30.08	30.08	2
595	21.36	21.36	17
596	13.45	13.45	1
597	12.26	12.26	4
598	12.47	12.47	1
599*	14.03	37.22	27
600*	17.20	21.05	15
601	31.22	31.22	10
602	15.23	15.23	13
603*	26.87	26.90	269
604*	12.73	12.74	410
605	32.83	32.83	4
606	29.00	29.00	1
607	20.23	20.23	31
608	23.38	23.38	1
609	22.33	22.33	64
610	23.78	23.78	1
611	25.09	25.09	17
612	17.53	17.53	1
613*	17.34	18.03	87
614	25.09	25.09	1
615	23.19	23.19	10
616*	17.56	18.75	86
617*	15.52	24.04	35
618	18.00	18.00	1
619	15.47	15.47	1
620	18.19	18.19	1
621	17.00	17.00	1
622	21.67	21.67	1
623	16.00	16.00	48
624	21.08	21.08	26
625	16.83	16.83	1
626	18.96	18.96	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
627	17.28	17.28	1
628	16.85	16.85	20
629	18.47	18.47	1
630	16.97	16.97	1
631	14.08	14.08	1
632	17.08	17.08	12
633	17.04	17.04	1
634	15.75	15.75	32
635	16.17	16.17	18
636	13.63	13.63	18
637	15.85	15.85	8
638	16.01	16.01	1
639	17.58	17.58	1
640	18.58	18.58	15
641	14.10	14.10	1
642	13.52	13.52	1
643	13.48	13.48	1
644	17.47	17.47	4
645	14.32	14.32	14
646	14.88	14.88	9
647	15.78	15.78	38
648	13.75	13.75	1
649	14.25	14.25	1
650	12.03	12.03	29
651	22.75	22.75	1
652	13.77	13.77	1
653	13.86	13.86	1
654	12.95	12.95	9
655	13.02	13.02	1
656	15.77	15.77	1
657	21.66	21.66	108
658	16.49	16.49	2
659	14.92	14.92	1
660	14.55	14.55	1
661	12.59	12.59	5
662	42.99	42.99	1
663	38.22	38.22	7
664	16.11	16.11	1
665	48.47	48.47	1
666	13.07	13.07	1
667	30.46	30.46	1
668	50.05	50.05	10
669	13.41	13.41	1
670	33.20	33.20	1
671	22.07	22.07	1
672	16.25	16.25	1
673	19.79	19.79	1
674	13.37	13.37	12
675	18.60	18.60	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
676	13.66	13.66	7
677	16.13	16.13	1
678	19.12	19.12	1
679	14.27	14.27	1
680	24.18	24.18	1
681	22.25	22.25	17
682	22.32	22.32	1
683*	37.86	39.04	33
684	25.73	25.73	13
685	21.98	21.98	19
686*	18.12	26.49	468
687*	49.55	69.25	19
688	28.59	28.59	3
689	15.10	15.10	1
690*	14.81	19.66	46
691	12.69	12.69	37
692	23.80	23.80	1
693	32.85	32.85	44
694	22.36	22.36	1
695*	25.12	60.08	64
696	25.74	25.74	34
697	50.45	50.45	1
698*	30.05	48.76	25
699*	28.27	29.19	6
700*	26.46	33.23	5
701	16.11	16.11	57
702	15.51	15.51	54
703*	18.93	23.58	31
704	16.75	16.75	1
705	46.64	46.64	13
706	15.39	15.39	28
707	40.63	40.63	1
708	40.34	40.34	1
709*	45.38	45.78	10
710	14.21	14.21	55
711	23.63	23.63	1
712	13.77	13.77	22
713	23.13	23.13	17
714	13.45	13.45	103
715	43.89	43.89	1
716*	51.15	71.89	11
717	14.96	14.96	1
718	21.88	21.88	1
719	21.52	21.52	1
720	39.57	39.57	9
721	12.40	12.40	1
722	17.18	17.18	1
723	22.00	22.00	17
724	23.58	23.58	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
725	13.35	13.35	1
726	20.77	20.77	8
727	17.77	17.77	1
728	21.27	21.27	1
729	17.96	17.96	10
730	16.75	16.75	2
731	12.94	12.94	1
732	14.37	14.37	18
733	15.60	15.60	6
734	15.72	15.72	1
735	16.65	16.65	1
736	21.22	21.22	1
737	38.13	38.13	11
738	18.23	18.23	1
739	16.02	16.02	1
740	18.64	18.64	1
741	12.50	12.50	1
742	12.13	12.13	1
743	51.21	51.21	1
744	34.01	34.01	1
745	14.50	14.50	1
746	28.05	28.05	1
747	22.19	22.19	5
748	12.07	12.07	4
749	25.19	25.19	25
750	50.45	50.45	1
751*	29.07	31.61	146
752	22.77	22.77	1
753*	22.85	23.07	11
754	43.43	43.43	1
755	16.18	16.18	1
756	28.17	28.17	1
757	16.45	16.45	11
758	16.66	16.66	1
759	16.31	16.31	1
760	18.93	18.93	1
761	19.91	19.91	1
762	23.16	23.16	3
763	18.37	18.37	6
764	17.87	17.87	30
765	21.46	21.46	1
766	20.11	20.11	1
767	20.06	20.06	2
768	23.15	23.15	1
769	16.78	16.78	3
770	20.14	20.14	1
771	20.32	20.32	1
772	26.04	26.04	10
773	16.51	16.51	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
774	19.29	19.29	10
775*	40.28	47.80	8
776	15.60	15.60	3
777	16.16	16.16	17
778	18.09	18.09	1
779	18.63	18.63	1
780	14.30	14.30	1
781	14.64	14.64	1
782	44.14	44.14	1
783	23.88	23.88	18
784	18.12	18.12	6
785	38.90	38.90	43
786	41.87	41.87	1
787	34.86	34.86	1
788	29.24	29.24	1
789	13.46	13.46	8
790	26.31	26.31	1
791	58.52	58.52	1
792	25.72	25.72	1
793	31.40	31.40	1
794	22.50	22.50	1
795	30.14	30.14	1
796	49.47	49.47	58
797	32.28	32.28	1
798	19.33	19.33	1
799	23.85	23.85	1
800	31.51	31.51	1
801	26.79	26.79	1
802	48.93	48.93	3
803	23.23	23.23	4
804	19.91	19.91	1
805	16.65	16.65	8
806	15.22	15.22	1
807	16.38	16.38	1
808	19.11	19.11	6
809	20.65	20.65	1
810	27.28	27.28	1
811	16.56	16.56	1
812	18.12	18.12	1
813	21.39	21.39	1
814	20.71	20.71	1
815	14.13	14.13	1
816	17.96	17.96	1
817	15.18	15.18	1
818	18.71	18.71	4
819	16.28	16.28	1
820	16.66	16.66	1
821	13.14	13.14	1
822	15.65	15.65	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
823	14.92	14.92	6
824	17.95	17.95	6
825*	18.22	21.08	15
826	26.81	26.81	2
827	14.15	14.15	1
828*	16.57	16.62	2
829	13.54	13.54	1
830	39.37	39.37	56
831	28.01	28.01	17
832	46.79	46.79	1
833	17.11	17.11	5
834	21.51	21.51	1
835	22.97	22.97	1
836	15.96	15.96	1
837	13.64	13.64	21
838	15.79	15.79	1
839	12.00	12.00	120
840	26.59	26.59	1
841	23.38	23.38	1
842	24.69	24.69	1
843	21.29	21.29	1
844	15.68	15.68	1
845	15.06	15.06	1
846	23.61	23.61	19
847	13.97	13.97	1
848*	16.97	17.04	117
849	12.12	12.12	7
850	19.87	19.87	1
851	17.42	17.42	1
852	22.99	22.99	1
853	12.90	12.90	1
854	21.86	21.86	1
855	20.53	20.53	1
856	24.48	24.48	6
857	13.99	13.99	1
858	15.83	15.83	1
859	12.74	12.74	25
860	13.35	13.35	7
861	18.59	18.59	1
862	12.75	12.75	214
863	17.98	17.98	1
864*	13.39	13.93	328
865	13.39	13.39	1
866	17.52	17.52	1
867	14.26	14.26	3
868	12.04	12.04	4
869	67.88	67.88	1
870	27.66	27.66	1
871	17.41	17.41	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
872	43.35	43.35	1
873*	27.94	29.20	21
874	13.53	13.53	8
875	21.40	21.40	1
876	23.48	23.48	7
877	12.02	12.02	17
878	13.48	13.48	14
879*	26.73	26.96	2
880	23.96	23.96	1
881	13.10	13.10	10
882	15.91	15.91	1
883	13.92	13.92	13
884	15.78	15.78	15
885	44.80	44.80	1
886*	23.56	42.59	8
887	19.22	19.22	40
888	17.27	17.27	1
889	24.00	24.00	31
890	21.29	21.29	1
891	14.87	14.87	1
892	20.13	20.13	1
893	17.38	17.38	5
894	44.88	44.88	1
895	44.97	44.97	1
896	12.69	12.69	1
897	20.66	20.66	1
898	19.41	19.41	1
899	12.22	12.22	11
900	17.76	17.76	1
901	17.44	17.44	1
902	13.60	13.60	1
903	20.72	20.72	6
904	35.41	35.41	4
905	35.10	35.10	1
906	39.71	39.71	5
907	28.12	28.12	1
908	34.32	34.32	1
909	19.75	19.75	6
910	31.79	31.79	1
911	19.82	19.82	1
912	20.09	20.09	1
913	19.44	19.44	11
914	44.91	44.91	1
915	18.69	18.69	1
916	17.16	17.16	1
917	24.34	24.34	5
918	17.68	17.68	1
919	25.07	25.07	1
920	20.18	20.18	38

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
921	20.31	20.31	1
922	17.97	17.97	1
923	14.30	14.30	1
924	16.51	16.51	15
925	14.24	14.24	12
926	14.30	14.30	1
927	14.23	14.23	18
928	18.01	18.01	1
929	14.93	14.93	1
930	13.82	13.82	4
931	15.19	15.19	2
932	13.56	13.56	6
933	14.03	14.03	1
934*	14.80	17.48	4
935	20.93	20.93	1
936	12.90	12.90	14
937	19.66	19.66	1
938	17.36	17.36	1
939	22.68	22.68	1
940	12.91	12.91	1
941	14.64	14.64	1
942	15.85	15.85	1
943*	14.70	18.51	6
944	12.83	12.83	1
945	87.86	87.86	1
946*	14.50	16.25	23
947	35.26	35.26	1
948	31.01	31.01	1
949	15.84	15.84	1
950	14.48	14.48	41
951	14.22	14.22	1
952	14.11	14.11	7
953	19.99	19.99	12
954	12.03	12.03	12
955*	18.28	22.43	78
956*	21.75	21.85	4
957	17.49	17.49	44
958	18.87	18.87	1
959	14.13	14.13	1
960	36.67	36.67	1
961	12.89	12.89	1
962	13.05	13.05	9
963*	18.41	19.83	16
964	18.26	18.26	10
965	17.82	17.82	3
966	20.97	20.97	1
967	13.38	13.38	26
968	15.05	15.05	1
969	17.56	17.56	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
970	13.82	13.82	9
971	27.28	27.28	1
972	24.09	24.09	17
973*	17.80	21.57	20
974	16.50	16.50	1
975	24.06	24.06	1
976	19.21	19.21	1
977	14.05	14.05	1
978	21.98	21.98	1
979	22.08	22.08	16
980	13.64	13.64	1
981	13.49	13.49	1
982	14.89	14.89	59
983	12.65	12.65	1
984	14.07	14.07	1
985	29.90	29.90	1
986*	17.73	20.20	9
987*	12.10	15.67	122
988	34.01	34.01	13
989	49.52	49.52	3
990*	22.47	29.97	28
991*	19.52	23.15	53
992	19.81	19.81	1
993*	14.68	189.15	166
994	22.22	22.22	30
995*	170.84	185.99	9
996	19.70	19.70	37
997	35.70	35.70	1
998	16.09	16.09	18
999	16.14	16.14	30
1000	22.15	22.15	1
1001	20.06	20.06	1
1002	20.48	20.48	2
1003	25.64	25.64	18
1004	14.52	14.52	1
1005	22.50	22.50	1
1006	14.52	14.52	2
1007*	12.78	28.91	33
1008	15.52	15.52	1
1009	22.23	22.23	1
1010*	13.66	13.97	1302
1011*	15.03	15.85	597
1012	12.44	12.44	1
1013	13.01	13.01	2
1014	17.50	17.50	1
1015*	13.50	13.68	33
1016*	13.82	17.56	749
1017	15.50	15.50	47
1018	13.07	13.07	29

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1019	26.88	26.88	33
1020	27.64	27.64	1
1021	16.40	16.40	1
1022	20.85	20.85	15
1023	18.35	18.35	2
1024	12.21	12.21	24
1025	14.75	14.75	29
1026	20.30	20.30	1
1027*	16.13	16.67	29
1028	12.54	12.54	2
1029	24.12	24.12	1
1030	22.00	22.00	4
1031	15.53	15.53	1
1032	14.15	14.15	1
1033*	14.27	20.26	559
1034*	12.15	13.61	63
1035	14.80	14.80	79
1036	17.11	17.11	1
1037	15.50	15.50	1
1038	23.65	23.65	1
1039	14.79	14.79	64
1040	15.53	15.53	20
1041	24.04	24.04	1
1042	16.73	16.73	1
1043	16.87	16.87	5
1044	12.26	12.26	24
1045	20.32	20.32	3
1046	17.16	17.16	11
1047	19.06	19.06	1
1048	12.73	12.73	1
1049	16.84	16.84	127
1050	14.69	14.69	40
1051	12.66	12.66	133
1052	13.57	13.57	93
1053	16.45	16.45	69
1054	12.70	12.70	1
1055*	17.76	23.36	14
1056	38.81	38.81	1
1057*	22.63	27.27	21
1058*	19.80	20.43	10
1059	26.49	26.49	1
1060	19.51	19.51	1
1061	18.67	18.67	1
1062	17.95	17.95	1
1063	16.56	16.56	1
1064	15.92	15.92	6
1065	16.58	16.58	3
1066	19.54	19.54	2
1067	36.23	36.23	138

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1068	16.82	16.82	99
1069	13.29	13.29	1
1070	18.40	18.40	1
1071	12.12	12.12	677
1072	17.97	17.97	1
1073	15.51	15.51	1
1074	14.17	14.17	133
1075	12.16	12.16	139
1076	13.93	13.93	1
1077	19.11	19.11	17
1078	12.35	12.35	131
1079	12.68	12.68	60
1080	18.76	18.76	4
1081	34.99	34.99	1
1082	12.30	12.30	1
1083	29.32	29.32	1
1084	21.73	21.73	20
1085*	15.24	16.18	85
1086	14.95	14.95	4
1087	23.88	23.88	4
1088	24.08	24.08	1
1089	19.57	19.57	35
1090	21.72	21.72	1
1091	26.49	26.49	11
1092	16.75	16.75	42
1093	19.32	19.32	237
1094	17.10	17.10	71
1095*	26.07	27.27	34
1096	25.17	25.17	1
1097	18.04	18.04	1
1098	18.81	18.81	1
1099	17.59	17.59	75
1100	13.44	13.44	64
1101	19.41	19.41	1
1102	15.79	15.79	1
1103	13.45	13.45	1
1104	12.24	12.24	4
1105	42.25	42.25	1
1106	12.37	12.37	19
1107	14.31	14.31	1
1108	21.19	21.19	1
1109	20.18	20.18	1
1110	19.11	19.11	1
1111	21.19	21.19	1
1112*	13.73	13.77	100
1113*	20.15	27.65	12
1114	18.59	18.59	1
1115	19.09	19.09	1
1116	31.65	31.65	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1117	31.91	31.91	1
1118*	25.07	28.34	20
1119	25.88	25.88	1
1120	28.86	28.86	1
1121	51.95	51.95	1
1122	68.73	68.73	8
1123	21.92	21.92	1
1124	40.80	40.80	15
1125	13.42	13.42	1
1126	12.12	12.12	1
1127*	191.6	365.69	36
1128	29.59	29.59	1
1129	23.73	23.73	1
1130	26.47	26.47	16
1131	25.48	25.48	1
1132	23.82	23.82	17
1133	51.20	51.20	38
1134	51.00	51.00	1
1135	23.27	23.27	1
1136	25.65	25.65	1
1137	19.07	19.07	1
1138	26.01	26.01	1
1139	24.78	24.78	7
1140	43.82	43.82	1
1141	26.09	26.09	52
1142*	47.19	48.52	25
1143	45.45	45.45	1
1144	18.52	18.52	1
1145	72.27	72.27	54
1146*	17.07	17.11	624
1147*	26.73	45.06	238
1148	19.98	19.98	2
1149	16.46	16.46	25
1150	38.02	38.02	1
1151*	16.25	20.71	1891
1152	68.83	68.83	1
1153	45.45	45.45	1
1154*	14.70	23.61	550
1155*	43.96	50.99	23
1156	20.80	20.80	1
1157	15.65	15.65	1
1158	40.06	40.06	1
1159	23.67	23.67	1
1160	46.93	46.93	8
1161	16.57	16.57	1
1162	19.05	19.05	1
1163	20.75	20.75	10
1164	22.36	22.36	1
1165	17.78	17.78	4

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1166	43.85	43.85	20
1167	19.65	19.65	1
1168	39.72	39.72	1
1169	16.00	16.00	1
1170	19.32	19.32	1
1171*	15.87	18.36	24
1172	30.28	30.28	254
1173	20.95	20.95	70
1174	15.26	15.26	1
1175	45.28	45.28	1
1176	15.61	15.61	1
1177	15.23	15.23	1
1178	17.45	17.45	1
1179	43.67	43.67	17
1180	18.23	18.23	1
1181*	12.04	12.74	198
1182*	16.30	16.94	14
1183	12.10	12.10	150
1184	20.03	20.03	16
1185	16.95	16.95	1
1186	16.40	16.40	9
1187	40.42	40.42	1
1188	13.73	13.73	48
1189	68.15	68.15	1
1190*	19.38	19.46	228
1191	13.63	13.63	1
1192	257.86	257.86	27
1193	13.06	13.06	62
1194*	18.93	18.97	148
1195*	16.71	16.77	385
1196	13.27	13.27	1
1197*	18.84	18.95	38
1198*	16.23	16.33	223
1199	19.52	19.52	73
1200	13.26	13.26	3
1201	14.08	14.08	59
1202*	15.14	16.19	402
1203	18.21	18.21	355
1204*	42.98	43.12	78
1205*	13.04	13.06	182
1206*	16.54	16.62	138
1207*	16.71	16.80	200
1208*	13.50	26.14	91
1209*	14.06	14.41	7
1210	13.43	13.43	21
1211	15.70	15.70	1
1212	27.76	27.76	19
1213	12.47	12.47	1
1214	28.35	28.35	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1215	25.02	25.02	1
1216	32.85	32.85	1
1217	28.95	28.95	1
1218	15.63	15.63	114
1219	15.42	15.42	1
1220	24.78	24.78	1
1221	20.24	20.24	1
1222	15.40	15.40	123
1223	21.41	21.41	1
1224	22.33	22.33	1
1225	29.78	29.78	1
1226	15.93	15.93	14
1227	19.52	19.52	113
1228	22.83	22.83	1
1229	26.53	26.53	1
1230	15.28	15.28	77
1231	27.46	27.46	22
1232	17.79	17.79	1
1233	20.18	20.18	1
1234	23.88	23.88	169
1235	17.72	17.72	1
1236	28.44	28.44	1
1237	19.77	19.77	1
1238	26.07	26.07	1
1239	20.89	20.89	90
1240	24.25	24.25	1
1241	26.54	26.54	1
1242	19.75	19.75	1
1243	18.05	18.05	1
1244	41.98	41.98	1
1245	27.12	27.12	1
1246	18.21	18.21	1
1247	25.99	25.99	1
1248	21.11	21.11	11
1249	72.25	72.25	28
1250	14.27	14.27	46
1251	22.93	22.93	15
1252	13.40	13.40	6
1253	19.54	19.54	1
1254	17.70	17.70	1
1255	16.82	16.82	1
1256	18.94	18.94	1
1257	64.37	64.37	1
1258	46.68	46.68	1
1259	15.07	15.07	1
1260	14.46	14.46	1
1261	18.12	18.12	1
1262	14.66	14.66	1
1263	67.59	67.59	69

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1264	45.83	45.83	1
1265	13.83	13.83	3
1266	23.90	23.90	1
1267*	86.12	88.42	15
1268	20.11	20.11	1
1269	22.95	22.95	1
1270	20.45	20.45	76
1271	12.15	12.15	1
1272*	12.91	20.70	372
1273	16.76	16.76	1
1274	62.23	62.23	1
1275	19.88	19.88	1
1276	42.65	42.65	19
1277	13.03	13.03	1
1278	13.28	13.28	1
1279	12.73	12.73	1
1280	16.06	16.06	22
1281	15.24	15.24	1
1282*	12.92	18.44	104
1283*	13.68	13.91	47
1284	21.07	21.07	10
1285	44.87	44.87	43
1286	13.19	13.19	1
1287	13.18	13.18	11
1288	28.28	28.28	1
1289	22.94	22.94	1
1290	20.48	20.48	1
1291	16.69	16.69	1
1292	20.25	20.25	3
1293	12.06	12.06	1
1294	15.01	15.01	1
1295	13.32	13.32	1
1296	14.97	14.97	43
1297	12.88	12.88	338
1298	18.30	18.30	1
1299	13.39	13.39	1
1300	13.32	13.32	1
1301	13.10	13.10	1
1302	12.80	12.80	1
1303	14.01	14.01	20
1304	17.78	17.78	1
1305	13.18	13.18	173
1306	12.19	12.19	1
1307	55.53	55.53	1
1308	13.18	13.18	1
1309	13.61	13.61	32
1310	12.96	12.96	20
1311	13.13	13.13	1
1312	12.94	12.94	3

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1313	12.27	12.27	1
1314	15.04	15.04	1026
1315	14.04	14.04	1
1316	28.26	28.26	1
1317	32.73	32.73	9
1318	22.96	22.96	1
1319	34.13	34.13	1
1320	26.81	26.81	1
1321	12.65	12.65	12
1322	36.46	36.46	1
1323	32.33	32.33	1
1324	24.40	24.40	1
1325	14.98	14.98	5
1326	21.31	21.31	34
1327	19.10	19.10	3
1328	12.07	12.07	1
1329	23.09	23.09	1
1330	26.58	26.58	16
1331	19.98	19.98	1
1332	17.74	17.74	1
1333	21.07	21.07	1
1334	17.58	17.58	2
1335*	30.70	50.14	22
1336	32.07	32.07	29
1337	28.75	28.75	1
1338	22.34	22.34	3
1339	23.68	23.68	1
1340	52.41	52.41	18
1341	70.74	70.74	1
1342	24.33	24.33	1
1343*	71.64	75.08	13
1344	29.28	29.28	1
1345	17.09	17.09	1
1346	27.56	27.56	55
1347	43.62	43.62	1
1348	14.15	14.15	1
1349	24.27	24.27	1
1350	22.72	22.72	1
1351	22.32	22.32	1
1352	44.96	44.96	1
1353	49.53	49.53	1
1354	39.32	39.32	1
1355*	18.84	22.10	56
1356	92.07	92.07	1
1357	18.73	18.73	15
1358	47.80	47.80	1
1359	40.30	40.30	1
1360	23.15	23.15	1
1361	23.51	23.51	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1362	26.48	26.48	1
1363	49.08	49.08	3
1364	12.78	12.78	1
1365	13.75	13.75	1
1366	18.13	18.13	4
1367	20.61	20.61	1
1368	20.50	20.5	22
1369	19.48	19.48	1
1370	24.60	24.60	1
1371	47.18	47.18	1
1372	37.88	37.88	1
1373	43.58	43.58	1
1374	44.17	44.17	1
1375	19.53	19.53	1
1376	68.77	68.77	1
1377	69.12	69.12	8
1378	47.13	47.13	1
1379	62.39	62.39	28
1380	15.99	15.99	1
1381	20.89	20.89	5
1382	47.48	47.48	13
1383	44.90	44.90	6
1384	15.35	15.35	1
1385	25.74	25.74	1
1386	12.83	12.83	1
1387	17.26	17.26	1
1388	20.33	20.33	1
1389	18.97	18.97	3
1390	42.05	42.05	1
1391	29.99	29.99	1
1392	70.23	70.23	7
1393	24.89	24.89	1
1394	17.87	17.87	1
1395	41.27	41.27	1
1396	21.07	21.07	1
1397	16.10	16.10	3
1398	14.66	14.66	10
1399	17.21	17.21	1
1400*	16.61	17.24	65
1401	14.29	14.29	20
1402	44.40	44.40	1
1403	15.83	15.83	1
1404	67.90	67.90	10
1405	23.11	23.11	76
1406	46.50	46.50	1
1407	16.21	16.21	1
1408	20.78	20.78	1
1409	18.38	18.38	1
1410	13.63	13.63	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1411	18.99	18.99	104
1412	19.87	19.87	1
1413	16.50	16.50	5
1414	20.44	20.44	55
1415	16.73	16.73	1
1416*	18.76	23.12	113
1417	42.40	42.40	1
1418*	30.37	92.12	32
1419*	13.14	16.21	214
1420*	57.50	59.85	32
1421	13.58	13.58	1
1422	15.80	15.80	49
1423	54.97	54.97	9
1424	27.52	27.52	1
1425	17.26	17.26	10
1426	21.48	21.48	1
1427	26.02	26.02	1
1428	31.36	31.36	1
1429	12.12	12.12	1
1430	17.47	17.47	2
1431	35.64	35.64	1
1432	25.75	25.75	1
1433	22.93	22.93	12
1434	28.50	28.50	1
1435	49.07	49.07	17
1436	29.83	29.83	1
1437	28.17	28.17	1
1438	38.19	38.19	10
1439	24.24	24.24	1
1440	25.23	25.23	1
1441*	55.04	73.99	17
1442	27.17	27.17	1
1443	16.80	16.80	1
1444	26.15	26.15	8
1445	49.35	49.35	1
1446	73.14	73.14	16
1447	32.28	32.28	1
1448	31.62	31.62	6
1449	77.18	77.18	6
1450	27.63	27.63	1
1451	24.12	24.12	1
1452	26.78	26.78	1
1453	16.93	16.93	1
1454	12.74	12.74	8
1455	47.3	47.30	1
1456	42.87	42.87	11
1457	41.76	41.76	1
1458	26.80	26.80	1
1459	22.30	22.30	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1460	15.30	15.30	1
1461	35.53	35.53	1
1462	13.55	13.55	1
1463	24.26	24.26	1
1464	21.23	21.23	1
1465	12.82	12.82	1
1466	18.50	18.5	35
1467	22.17	22.17	1
1468	30.32	30.32	14
1469	14.17	14.17	1
1470	13.60	13.60	1
1471	29.29	29.29	1
1472	74.78	74.78	26
1473	20.89	20.89	1
1474	24.46	24.46	1
1475	20.91	20.91	2
1476	29.67	29.67	1
1477	26.52	26.52	1
1478	121.05	121.05	1
1479	23.08	23.08	1
1480*	21.15	25.65	20
1481	13.40	13.40	1
1482	15.24	15.24	6
1483	12.63	12.63	1
1484	21.60	21.60	1
1485	20.99	20.99	1
1486*	13.32	13.83	15
1487	13.65	13.65	1
1488	15.26	15.26	1
1489	15.28	15.28	1
1490	16.55	16.55	20
1491	12.10	12.10	44
1492	34.44	34.44	1
1493	17.19	17.19	1
1494	40.32	40.32	7
1495	29.40	29.40	1
1496	22.75	22.75	61
1497	39.35	39.35	1
1498	20.40	20.40	1
1499	22.25	22.25	6
1500	19.75	19.75	1
1501	39.89	39.89	23
1502	14.30	14.30	37
1503*	18.06	19.45	73
1504	20.73	20.73	28
1505	12.65	12.65	1
1506	12.64	12.64	1
1507	15.64	15.64	1
1508	12.44	12.44	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1509	22.58	22.58	1
1510	23.80	23.80	1
1511	54.73	54.73	1
1512*	12.82	49.89	95
1513*	20.33	46.08	419
1514*	20.12	20.60	9
1515*	14.50	21.51	42
1516	15.04	15.04	45
1517	43.47	43.47	41
1518	12.47	12.47	1
1519	80.71	80.71	1
1520	18.57	18.57	1
1521	27.27	27.27	11
1522	20.52	20.52	1
1523	25.12	25.12	3
1524	20.91	20.91	1
1525*	19.02	19.63	2
1526	13.99	13.99	1
1527	27.43	27.43	128
1528	15.30	15.30	1
1529*	12.89	33.69	25
1530	12.55	12.55	1
1531	12.04	12.04	1
1532	16.53	16.53	1
1533	28.06	28.06	1
1534*	21.71	22.65	5
1535	12.44	12.44	1
1536	12.71	12.71	96
1537	12.08	12.08	18
1538	13.69	13.69	1
1539	14.84	14.84	14
1540	12.99	12.99	25
1541	35.27	35.27	47
1542	16.42	16.42	1
1543	22.75	22.75	1
1544	27.61	27.61	33
1545	27.48	27.48	1
1546	21.89	21.89	1
1547	17.97	17.97	1
1548	13.14	13.14	1
1549	15.63	15.63	22
1550	25.59	25.59	1
1551	18.12	18.12	1
1552	16.79	16.79	1
1553	30.63	30.63	1
1554	12.59	12.59	1
1555	12.20	12.20	1
1556	26.05	26.05	1
1557	27.68	27.68	5

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1558	68.97	68.97	1
1559	19.28	19.28	20
1560	15.30	15.3	15
1561	12.75	12.75	26
1562	29.33	29.33	13
1563	31.44	31.44	9
1564	26.01	26.01	22
1565	12.41	12.41	1
1566*	18.81	23.30	55
1567	19.06	19.06	49
1568	25.06	25.06	1
1569	24.03	24.03	1
1570	23.51	23.51	1
1571	14.36	14.36	27
1572	15.45	15.45	19
1573	51.63	51.63	4
1574	18.88	18.88	51
1575*	14.60	22.73	765
1576	21.60	21.60	1
1577	17.05	17.05	61
1578	20.19	20.19	1
1579	13.50	13.50	1
1580	21.77	21.77	1
1581	19.67	19.67	1
1582	14.47	14.47	1
1583	14.00	14.00	1
1584	18.33	18.33	12
1585	13.87	13.87	20
1586	12.45	12.45	1
1587	18.72	18.72	15
1588	19.38	19.38	26
1589	13.39	13.39	1
1590	12.29	12.29	1
1591	16.59	16.59	14
1592*	13.67	15.6	17
1593	14.40	14.40	7
1594	13.40	13.40	1
1595	22.97	22.97	4
1596	15.99	15.99	1
1597	21.34	21.34	1
1598	23.83	23.83	4
1599*	19.78	29.96	837
1600*	22.08	22.30	6
1601	12.57	12.57	1
1602	16.94	16.94	15
1603	18.10	18.10	1
1604	18.58	18.58	1
1605	14.36	14.36	10
1606	17.67	17.67	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1607	16.43	16.43	10
1608	16.20	16.20	1
1609	14.53	14.53	1
1610	12.64	12.64	1
1611	15.87	15.87	1
1612	16.35	16.35	7
1613	21.88	21.88	9
1614	21.61	21.61	25
1615	20.61	20.61	9
1616	17.09	17.09	1
1617*	16.54	18.15	150
1618	17.89	17.89	1
1619	19.52	19.52	14
1620*	22.49	27.47	2
1621	17.74	17.74	1
1622*	14.92	14.93	606
1623	12.60	12.60	1
1624	12.67	12.67	1
1625	15.43	15.43	1
1626	13.81	13.81	12
1627	16.35	16.35	1
1628	19.43	19.43	13
1629	17.33	17.33	1
1630	19.41	19.41	7
1631	16.54	16.54	1
1632	15.47	15.47	1
1633	29.15	29.15	1
1634	24.47	24.47	14
1635	16.55	16.55	6
1636*	13.44	13.46	249
1637	25.24	25.24	1
1638	12.12	12.12	1
1639	38.55	38.55	1
1640*	27.36	54.14	3
1641*	24.06	25.06	126
1642	21.88	21.88	10
1643	28.54	28.54	1
1644	48.15	48.15	7
1645	20.25	20.25	7
1646	26.56	26.56	17
1647	13.25	13.25	8
1648	23.08	23.08	1
1649	38.32	38.32	1
1650	17.15	17.15	1
1651	26.56	26.56	5
1652	14.58	14.58	1
1653	16.01	16.01	1
1654	19.25	19.25	1
1655	19.41	19.41	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1656	14.55	14.55	1
1657	12.93	12.93	563
1658	13.41	13.41	2
1659	14.18	14.18	8
1660	12.58	12.58	1
1661	29.39	29.39	1
1662	20.14	20.14	1
1663	46.71	46.71	1
1664	26.17	26.17	1
1665	20.22	20.22	1
1666	17.16	17.16	15
1667	30.61	30.61	12
1668	16.70	16.70	1
1669	22.48	22.48	1
1670	15.37	15.37	1
1671	17.61	17.61	1
1672	17.28	17.28	1
1673	12.71	12.71	1
1674	30.19	30.19	14
1675	52.05	52.05	2
1676	20.38	20.38	1
1677	20.66	20.66	1
1678	17.31	17.31	2
1679*	16.34	16.80	13
1680	12.10	12.10	5
1681	20.87	20.87	54
1682	20.81	20.81	4
1683	22.76	22.76	1
1684	42.12	42.12	1
1685	22.52	22.52	32
1686	12.38	12.38	118
1687	21.24	21.24	1
1688	14.45	14.45	17
1689	15.11	15.11	96
1690	13.35	13.35	30
1691*	15.59	20.63	37
1692	21.19	21.19	1
1693	17.22	17.22	19
1694	23.05	23.05	1
1695	64.91	64.91	1
1696*	18.35	18.37	145
1697	15.49	15.49	1
1698	15.73	15.73	15
1699	20.14	20.14	1
1700	17.40	17.40	16
1701	15.52	15.52	1
1702	18.78	18.78	1
1703	20.72	20.72	1
1704	21.89	21.89	1

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1705	18.30	18.30	13
1706	16.58	16.58	13
1707	16.73	16.73	1
1708	14.80	14.80	1
1709	16.50	16.50	1
1710	24.56	24.56	13
1711	20.11	20.11	1
1712	17.95	17.95	5
1713	28.78	28.78	1
1714	15.57	15.57	1
1715	15.44	15.44	1
1716	15.10	15.10	1
1717*	12.97	17.08	237
1718	24.10	24.10	1
1719	13.28	13.28	8
1720	12.38	12.38	7
1721	12.71	12.71	1
1722	13.42	13.42	14
1723	27.48	27.48	1
1724	24.57	24.57	1
1725	14.28	14.28	1
1726	20.53	20.53	1
1727	18.93	18.93	26
1728	18.95	18.95	4
1729	20.07	20.07	10
1730	13.15	13.15	1
1731	27.71	27.71	1
1732	70.81	70.81	1
1733	20.19	20.19	1
1734	24.35	24.35	1
1735	69.05	69.05	8
1736	69.93	69.93	1
1737	66.00	66.00	1
1738	25.23	25.23	2
1739	29.72	29.72	1
1740	21.60	21.60	1
1741	56.00	56.00	7
1742	15.62	15.62	1
1743	26.52	26.52	1
1744	13.35	13.35	1
1745	23.37	23.37	6
1746	51.38	51.38	28
1747*	30.28	48.24	29
1748	66.22	66.22	7
1749	20.95	20.95	1
1750	19.83	19.83	1
1751	18.72	18.72	1
1752	13.48	13.48	1
1753	18.34	18.34	33

Interruption	First restoration (hours) after interruption	Final restoration (hours) after interruption	Customers affected
1754	12.21	12.21	1
1755	15.57	15.57	50
1756	13.81	13.81	1
1757	35.04	35.04	1
1758	27.72	27.72	1
1759	14.84	14.84	2
1760	17.08	17.08	1
1761	23.15	23.15	1
1762	13.35	13.35	27
1763	21.30	21.30	1
1764	50.52	50.52	1
1765	20.30	20.30	1
1766	12.24	12.24	1
1767	12.77	12.77	1
1768	13.16	13.16	8
1769	16.02	16.02	1
1770	63.15	63.15	13
1771	12.73	12.73	69
1772	19.10	19.10	1
1773	13.90	13.90	1
1774	17.74	17.74	1
1775*	14.95	15.20	402