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# **Review of Power System Reclassification Events 1 November 2017 to 30 April 2018**

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**September 2018**

A report for the National Electricity Market



# Important notice

## **PURPOSE**

AEMO has prepared this report on its power system reclassification decisions in the National Electricity Market for the period 1 November 2017 to 30 April 2018 in accordance with clause 4.2.3A(i) of the National Electricity Rules.

## **DISCLAIMER**

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# 1. Introduction

This report sets out AEMO's reasons for decisions to reclassify *non-credible contingency events* to *credible contingency events* under clause 4.2.3A(g) of the National Electricity Rules (NER).

AEMO is required by clause 4.2.3A(i) of the NER to issue such a report every six months. This report covers the period from 1 November 2017 to 30 April 2018 (reporting period). The report includes:

1. An explanation of how AEMO applied the criteria established in accordance with clause 4.2.3B for each of these decisions.
2. AEMO's analysis of reclassification trends during the reporting period, and its appraisal of the appropriateness and effectiveness of the relevant criteria applied in the case of each reclassification decision.

In this document, a word or phrase in *this style* has the same meaning as given to that term in the NER.

References to times in this report, unless otherwise specified, are to Australian Eastern Standard Time (AEST).

## 2. Overview

In the reporting period, AEMO appropriately reclassified *non-credible contingency events* as *credible contingency events* based on the reclassification criteria contained in AEMO's Power System Security Guidelines SO\_OP\_3715<sup>1</sup> for bushfires, lightning, or other reasons. AEMO notified *Market Participants*, via Market Notices (MNs)<sup>2</sup>, of the reasons for reclassifying these *non-credible contingency events*.

There was a total number of 560 reclassification events in this reporting period, compared to 600 reclassification events during the last summer reporting period (1 November 2016 to 30 April 2017).

## 3. AEMO's role

In general terms, the *power system* is operated such that it will remain in a *satisfactory operating state*<sup>3</sup> for the loss of a single element in the *transmission network*. These events are defined as *credible contingency events*<sup>4</sup> and include:

- Unexpected loss of a single transmission line, transformer or reactive plant.
- Unexpected loss of a single generating unit.

AEMO considers the occurrence of these events to be reasonably possible, and will ensure contingency plans are in place to minimise impact on the *power system* following a *credible contingency event*.

A *non-credible contingency event* is a *contingency event* other than a *credible contingency event*. Examples include:

- Three phase electrical faults.

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<sup>1</sup> AEMO, Power System Security Guidelines. Power system operating procedures are available at: <http://aemo.com.au/Electricity/National-Electricity-Market-NEM/Security-and-reliability/Power-system-operation>.

<sup>2</sup> A Market Notice is an email notification issued in real time by AEMO to market participants. Market Notices are also published on AEMO's website at <https://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Market-notice-and-events>.

<sup>3</sup> Refer to clause 4.2.2 of the NER.

<sup>4</sup> Refer to clause 4.2.3 of the NER.

- The trip of any busbar in the *transmission network*.
- The trip of more than one *transmission element*.
- The trip of *transmission plant* in a manner not considered likely (for example, a *transmission line* that trips at one end only).
- The trip of multiple *generating units*.
- The trip of more than one *load* block in a *region* where the combined *load* lost exceeds what would normally be considered a *credible contingency event* in that *region*.

AEMO does not normally operate the *power system* such that it will remain in a *satisfactory operating state* following a *non-credible contingency event*, as the likelihood of this occurrence is low.

AEMO may reclassify a *non-credible contingency event* as a *credible contingency event* if the risk of this event impacting the *power system* is increased due to *abnormal conditions*. *Abnormal conditions* may include severe weather conditions, lightning, and bushfires<sup>5</sup>.

## 4. Reclassification criteria

AEMO has developed criteria for determining if a *non-credible contingency event* should be reclassified as a *credible contingency event* (reclassification criteria). The reclassification criteria are specified in AEMO's Power System Security Guidelines SO\_OP\_3715. The reclassification criteria apply to:

- Bushfires.
- Lightning.
- Other events (such as severe weather warnings, pollution, protection and control issues, the occurrence of a *non-credible contingency event*).

The following section analyses how AEMO reclassified *non-credible contingency events* using the reclassification criteria for the reporting period.

## 5. Reclassification events, 1 November 2017 to 30 April 2018

AEMO reclassified 560 events during the reporting period.

Table 1 summarises these events. Refer to Appendix A1 for a complete list of events.

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<sup>5</sup> Refer to clause 4.2.3A (a) of the NER.

<sup>6</sup> See Table 5 in Section 11.4.2 of SO\_OP\_3715 Power System Security Guidelines, available at [http://www.aemo.com.au/-/media/Files/Electricity/NEM/Security\\_and\\_Reliability/Power\\_System\\_Ops/Procedures/SO\\_OP\\_3715---Power-System-Security-Guidelines.pdf](http://www.aemo.com.au/-/media/Files/Electricity/NEM/Security_and_Reliability/Power_System_Ops/Procedures/SO_OP_3715---Power-System-Security-Guidelines.pdf).

**Table 1      Reclassification events for period 1 November 2017 to 30 April 2018**

Criteria	Number of reclassification events	Incidence of contingency occurring during reclassification
<b>Bushfires</b>	3	1
<b>Lightning</b>	530	8
<b>Other</b>	27	1
<b>Total for Period</b>	560	10

AEMO correctly reclassified bushfires and lightning events using the reclassification criteria specified in Section 11.3 and Section 11.4 of SO\_OP\_3715 respectively.

There were 27 events reclassified under “other” criteria according to Section 11.5 and 11.6 of SO\_OP\_3715. These events were mainly reclassified due to either:

- Forecast abnormal weather conditions (such as severe weather warnings due to high wind), or
- A non-credible contingency occurred and AEMO considered there was a risk of recurrence at that time.

Table 2 below provides detail of all the events when an actual contingency occurred while it was reclassified.

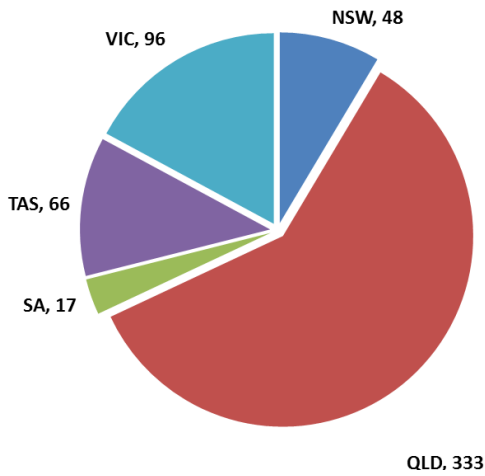
**Table 2      Occurrence of an event while reclassified as credible**

	Start / end reclassification	Reclassified equipment	Region	Reason	Date contingency occurred	Comments
59918	17/11/2017 0855 hrs – 18/11/2017 0450 hrs	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	17/11/2017	The lines tripped and auto reclosed. Lines were reclassified as credible due to lightning at the time of event.
60013	24/11/2017 1305 hrs – 24/11/2017 2035 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	24/11/2017	The lines tripped. Lines were reclassified as credible due to lightning at the time of event.
60093	29/11/2017 1610 hrs – 29/11/2017 2015 hrs	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	29/11/2018	The lines tripped and auto reclosed. Lines were reclassified as credible due to lightning at the time of event.
60554	02/01/2018 1740 hrs – 02/01/2018 2340 hrs	Collinsville North – Proserpine No. 7125 and No. 7126 132 kV lines	QLD	Lightning	02/01/2018	The lines tripped and auto reclosed. Lines were reclassified as credible due to lightning at the time of event.
60581	04/01/2018 1525 hrs – 04/01/2018 2130 hrs	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	04/01/2018	The lines tripped Tarong end only. Lines were reclassified as credible due to lightning at the time of event.
60917	23/01/2018 0135 hrs – 23/01/2018 0540 hrs	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	23/01/2018	The lines tripped and auto reclosed. Lines were reclassified as credible due to lightning at the time of event.
61331	16/02/2018 1355 hrs – 16/02/2018 2110 hrs	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	16/02/2018	The lines tripped and auto reclosed. Lines were reclassified as credible due to lightning at the time of event.
61397	20/02/2018 0305 hrs – 20/02/2018 1210 hrs	Tarong – Chinchilla No. 7183 and No. 7168 132 kV Lines	QLD	Lightning	20/02/2018	The lines tripped and auto reclosed. Lines were reclassified as credible due to lightning at the time of event.

61650	03/03/2018 2300 hrs – 04/03/2018 1140 hrs	Collinsville North – Proserpine No. 7126 132 kV line at the Collinsville North end only	QLD	Event occurred	04/03/2018	Circuit breaker opened due to faulty DIT (Digital Instrument Transformer) while reclassified as credible contingency.
62319	14/04/2018 1800 hrs – 16/04/2018 1015 hrs	Wallerawang – Sydney South No.76 330 kV line and Liverpool – Sydney South No.12 330 kV line	NSW	Bushfire	15/04/2018	Lines tripped multiple times while reclassified as credible contingency.

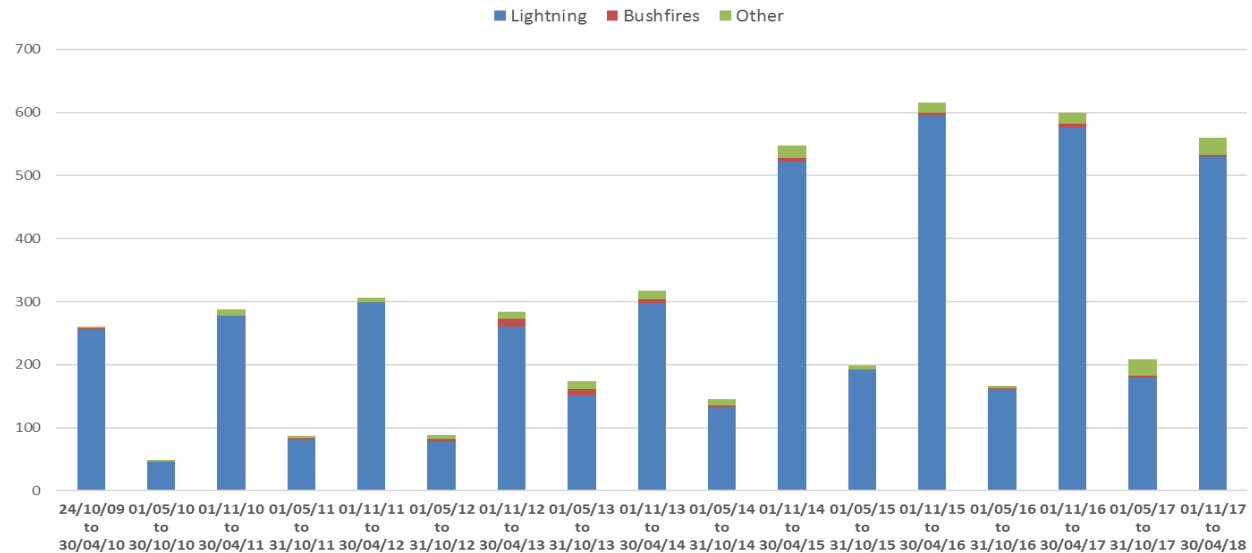
Figure 1 shows the number of reclassification events per region for the reporting period.

**Figure 1 Reclassifications per region, 1 November 2017 to 30 April 2018**



The historical trend of reclassification events is shown in Figure 2. The number of reclassification events was slightly lower but similar during this reporting period, compared to the previous summer period. The relatively higher number of reclassifications over summer (November to April) is largely driven by lightning reclassifications which is more prevalent over the November to April period compared with May to October. Appendix A2 lists all the reclassified elements and the number of time they were reclassified during this period.

**Figure 2 Historical reclassification events, 2009-18**



## 6. Non-credible contingency events, 1 November 2017 to 30 April 2018

During the reporting period, 29 *non-credible contingency events* occurred while they were not reclassified. AEMO subsequently reclassified 14 of these events as *credible contingency events*, because there was a risk of the event reoccurring.

Note that the following events were reclassified outside this reporting period, so are not listed in Appendix A1:

- Trip of Loy Yang A4 and Pelican Point GT11 and ST18 on 17 March 2018.
- Trip of Loy Yang A3 and Pelican Point GT12 and ST18 on 23 April 2018.

Appendix A3 lists all *non-credible contingency events* during the reporting period, and AEMO's assessment in determining whether to reclassify each event as credible. The rows highlighted in blue in Appendix A3 explain the contingency events corresponding to the reclassifications highlighted in blue in Appendix A1.

## 7. Market impact of reclassification constraints

When AEMO reclassifies an event as a *credible contingency event*, the *power system* must be operated so it stays in a *satisfactory operating state* should the *credible contingency event* occur. One way to ensure this happens is to invoke constraint equations to manage the *power system* while an event is reclassified.

## 8. Conclusion

AEMO concluded that, during the reporting period:

1. AEMO correctly applied the reclassification criteria.
2. AEMO notified Market Participants of the reasons for reclassifying non-credible contingency events.
3. The number of reclassification events is comparable with historical summer period trends.

# A1. Reclassification events, 1 November 2017 to 30 April 2018

Please note:

- INDJI – Indji Watch (INDJI) is a system that monitors live information feeds on hazards such as bushfires and displays their positions relative to the locations of transmission assets. It is also used to provide detection and location of cloud to ground lightning strikes across the NEM transmission system.
- BOM – AEMO receives advice from the Bureau of Meteorology (BOM) when severe weather is forecast in regions that may impact the NEM transmission system.

The events highlighted in blue below occurred after they were reclassified as a credible contingency. Further details on the reclassifications highlighted blue can be found in Appendix A3.

**Table 3 Reclassification events 1 November 2017 to 30 April 2018**

Start MN	Start date	Actual end date	End MN	Reclassified equipment	Region	Reason	Source
59788	04/11/2017 1420 hrs	04/11/2017 2200 hrs	59793	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
59789	04/11/2017 1420 hrs	04/11/2017 2200 hrs	59794	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
59805	05/11/2017 1300 hrs	05/11/2017 2150 hrs	59814	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
59806	05/11/2017 1300 hrs	05/11/2017 2150 hrs	59813	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
59828	06/11/2017 1735 hrs	06/11/2017 2145 hrs	59833	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
59829	06/11/2017 1735 hrs	06/11/2017 2145 hrs	59832	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI



60095	29/11/2017 1640 hrs	29/11/2017 1935 hrs	60098	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	NSW	Lightning	INJI
60241	05/12/2017 1625 hrs	05/12/2017 1715 hrs	60243	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60242	05/12/2017 1625 hrs	05/12/2017 1715 hrs	60244	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60255	08/12/2017 1715 hrs	08/12/2017 1910 hrs	60261	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60268	08/12/2017 2325 hrs	09/12/2017 0245 hrs	60275	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60269	08/12/2017 2335 hrs	09/12/2017 0040 hrs	60271	Boambee to Nambucca 9W7 132 kV and Coffs Harbour to Raleigh 9W3 132 kV	NSW	Lightning	INJI
60273	09/12/2017 0055 hrs	09/12/2017 0245 hrs	60276	Boambee to Nambucca 9W7 132 kV and Coffs Harbour to Raleigh 9W3 132 kV	NSW	Lightning	INJI
60278	09/12/2017 0905 hrs	09/12/2017 1140 hrs	60283	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60279	09/12/2017 0910 hrs	09/12/2017 1010 hrs	60281	Boambee to Nambucca 9W7 132 kV and Coffs Harbour to Raleigh 9W3 132 kV	NSW	Lightning	INJI
60282	09/12/2017 1015 hrs	09/12/2017 1540 hrs	60289	Boambee to Nambucca 9W7 132 kV and Coffs Harbour to Raleigh 9W3 132 kV	NSW	Lightning	INJI
60286	09/12/2017 1435 hrs	09/12/2017 1540 hrs	60292	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60361	14/12/2017 1535 hrs	15/12/2017 0800 hrs	60365	Liddell – Newcastle (81) and Liddell – Tomago (82) 330 kV Lines	NSW	Bushfires	INJI and TNSP
60409	20/12/2017 1335 hrs	20/12/2017 1640 hrs	60412	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60410	20/12/2017 1335 hrs	20/12/2017 1640 hrs	60413	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI

60414	21/12/2017 1245 hrs	21/12/2017 1350 hrs	60419	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60415	21/12/2017 1245 hrs	21/12/2017 2025 hrs	60424	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60445	24/12/2017 1950 hrs	25/12/2017 2250 hrs	60455	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60446	24/12/2017 1950 hrs	25/12/2017 2250 hrs	60454	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60466	26/12/2017 0940 hrs	26/12/2017 1530 hrs	60475	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60467	26/12/2017 0940 hrs	26/12/2017 1530 hrs	60476	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60480	27/12/2017 0010 hrs	27/12/2017 0445 hrs	60483	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60481	27/12/2017 0010 hrs	27/12/2017 0445 hrs	60482	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60524	01/01/2018 1320 hrs	01/01/2018 1800 hrs	60531	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60525	01/01/2018 1320 hrs	01/01/2018 1800 hrs	60532	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60545	02/01/2018 1300 hrs	02/01/2018 1505 hrs	60547	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60546	02/01/2018 1305 hrs	02/01/2018 1820 hrs	60558	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60552	02/01/2018 1720 hrs	02/01/2018 1820 hrs	60556	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60569	03/01/2018 1530 hrs	03/01/2018 1640 hrs	60571	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI

60652	10/01/2018 0005 hrs	10/01/2018 0000 hrs	60654	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60653	10/01/2018 0005 hrs	10/01/2018 0510 hrs	60655	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60656	10/01/2018 0725 hrs	10/01/2018 0925 hrs	60659	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60657	10/01/2018 0725 hrs	10/01/2018 0925 hrs	60658	Boambee to Nambucca 9W7 132 kV and Coffs Harbour to Raleigh 9W3 132 kV	NSW	Lightning	INJI
60665	11/01/2018 1850 hrs	11/01/2018 2250 hrs	60668	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60666	11/01/2018 1850 hrs	11/01/2018 2150 hrs	60669	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	INJI
60686	12/01/2018 1610 hrs	12/01/2018 1820 hrs	60688	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	INJI
60964	26/01/2018 1805 hrs	26/01/2018 1820 hrs	60966	Boambee to Nambucca 9W7 132 kV and Coffs Harbour to Raleigh 9W3 132 kV	NSW	Lightning	INJI
61043	30/01/2018 1635 hrs	30/01/2018 1840 hrs	61046	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	NSW	Lightning	INJI
61197	10/02/2018 1855 hrs	10/02/2018 2055 hrs	61201	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	NSW	Lightning	INJI
61650	03/03/2018 2300 hrs	04/03/2018 1140 hrs	61653	Collinsville North – Proserpine 7126 132 kV line at the Collinsville North end only	NSW	Other	Event actually occurred
62319	14/04/2018 1800 hrs	16/04/2018 1015 hrs	62347	Wallerawang – Sydney South No.76 330 kV line and Liverpool– Sydney South No.12 330 kV line	NSW	Bushfires	INJI
62332	15/04/2018 0945 hrs	16/04/2018 1015 hrs	62348	Ingleburn – Sydney South No.78 330 kV line and Kemps Creek – Sydney South No.13 330 kV line	NSW	Other	Event actually occurred
62339	15/04/2018 1515 hrs	Still Reclassified		Sydney West SVC and the Liverpool–Sydney South No. 12 330 kV line	NSW	Other	Event actually occurred

59762	01/11/2017 1450 hrs	01/11/2017 2220 hrs	59767	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
59763	01/11/2017 1525 hrs	01/11/2017 2015 hrs	59766	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
59764	01/11/2017 1530 hrs	01/11/2017 2220 hrs	59768	Chalumbin – Collinsville North – Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
59769	02/11/2017 1310 hrs	02/11/2017 2045 hrs	59775	Chalumbin – Collinsville North – Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
59771	02/11/2017 1530 hrs	02/11/2017 2145 hrs	59776	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
59772	02/11/2017 1605 hrs	02/11/2017 2145 hrs	59777	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
59773	02/11/2017 1800 hrs	02/11/2017 2045 hrs	59774	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	QLD	Lightning	INJI
59782	03/11/2017 1405 hrs	03/11/2017 2015 hrs	59784	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
59809	05/11/2017 1810 hrs	05/11/2017 2120 hrs	59811	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
59810	05/11/2017 1810 hrs	18/11/2017 2110 hrs	59812	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
59830	06/11/2017 1850 hrs	07/11/2017 0430 hrs	59835	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
59831	06/11/2017 1850 hrs	07/11/2017 0430 hrs	59836	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
59839	07/11/2017 1215 hrs	07/11/2017 1600 hrs	59842	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
59843	07/11/2017 1735 hrs	08/11/2017 0000 hrs	59846	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI

59845	07/11/2017 2105 hrs	08/11/2017 0035 hrs	59847	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
59850	08/11/2017 1505 hrs	08/11/2017 2100 hrs	59852	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
59921	17/11/2017 2215 hrs	18/11/2017 0155 hrs	59924	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
59922	17/11/2017 2225 hrs	18/11/2017 0155 hrs	59923	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
59931	18/11/2017 1830 hrs	18/11/2017 1920 hrs	59934	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
59932	18/11/2017 1830 hrs	18/11/2017 1920 hrs	59933	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
59936	19/11/2017 1300 hrs	19/11/2017 2320 hrs	59944	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
59940	19/11/2017 1800 hrs	19/11/2017 2320 hrs	59946	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
59948	20/11/2017 1435 hrs	20/11/2017 1900 hrs	59950	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
59951	20/11/2017 2325 hrs	21/11/2017 0300 hrs	59953	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
59952	20/11/2017 2325 hrs	21/11/2017 0300 hrs	59954	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
59959	21/11/2017 1455 hrs	22/11/2017 0220 hrs	59973	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
59966	21/11/2017 1740 hrs	22/11/2017 0220 hrs	59974	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
59967	21/11/2017 1750 hrs	21/11/2017 2310 hrs	59971	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI

59968	21/11/2017 1750 hrs	21/11/2017 2310 hrs	59972	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
59975	22/11/2017 1105 hrs	22/11/2017 2030 hrs	59986	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
59976	22/11/2017 1105 hrs	22/11/2017 2030 hrs	59987	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60081	29/11/2017 1220 hrs	30/11/2017 0110 hrs	60105	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
60082	29/11/2017 1250 hrs	29/12/2017 2115 hrs	60100	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60083	29/11/2017 1250 hrs	29/11/2017 2205 hrs	60102	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60085	29/11/2017 1330 hrs	29/11/2017 2320 hrs	60103	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	QLD	Lightning	INJI
60087	29/11/2017 1350 hrs	29/11/2017 2320 hrs	60104	Chalumbin – Collinsville North – Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
60089	29/11/2017 1455 hrs	29/11/2017 2115 hrs	60101	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60127	30/11/2017 1220 hrs	30/11/2017 1945 hrs	60154	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	QLD	Lightning	INJI
60128	30/11/2017 1220 hrs	30/11/2017 1945 hrs	60161	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60136	30/11/2017 1300 hrs	30/11/2017 1945 hrs	60156	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60137	30/11/2017 1320 hrs	30/11/2017 1415 hrs	60140	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60138	30/11/2017 1320 hrs	30/11/2017 1415 hrs	60141	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI

60145	30/11/2017 1555 hrs	30/11/2017 1945 hrs	60155	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60148	30/11/2017 1625 hrs	30/11/2017 1945 hrs	60157	Halumbin – Collinsville North – Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
60187	02/12/2017 2150 hrs	03/12/2017 0305 hrs	60191	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60188	02/12/2017 2150 hrs	03/12/2017 0305 hrs	60192	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60196	03/12/2017 1220 hrs	03/12/2017 2355 hrs	60208	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
60197	03/12/2017 1350 hrs	04/12/2017 0155 hrs	60212	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60200	03/12/2017 1635 hrs	03/12/2017 2355 hrs	60209	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60201	03/12/2017 1650 hrs	04/12/2017 0155 hrs	60213	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60203	03/12/2017 1725 hrs	03/12/2017 1920 hrs	60207	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60216	04/12/2017 0500 hrs	04/12/2017 1305 hrs	60220	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60218	04/12/2017 0700 hrs	04/12/2017 1305 hrs	60221	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
60224	04/12/2017 1850 hrs	04/12/2017 2115 hrs	60227	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60225	04/12/2017 1915 hrs	04/12/2017 23:05 hrs	60230	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	QLD	Lightning	INJI
60226	04/12/2017 1920 hrs	04/12/2017 2305 hrs	60231	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI

60250	08/12/2017 1205 hrs	08/12/2017 2120 hrs	60265	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60251	08/12/2017 1215 hrs	08/12/2017 2000 hrs	60262	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60253	08/12/2017 1550 hrs	08/12/2017 1855 hrs	60257	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60254	08/12/2017 1550 hrs	08/12/2017 1905 hrs	60259	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60263	08/12/2017 1715 hrs	08/12/2017 2135 hrs	60266	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60288	09/12/2017 1435 hrs	09/12/2017 1945 hrs	60296	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60291	09/12/2017 1600 hrs	09/12/2017 2300 hrs	60308	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60293	09/12/2017 1850 hrs	09/12/2017 2355 hrs	60309	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60294	09/12/2017 1850 hrs	09/12/2017 2355 hrs	60295	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60298	09/12/2017 2030 hrs	09/12/2017 2355 hrs	60310	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	QLD	Lightning	INJI
60314	10/12/2017 1600 hrs	10/12/2017 1745 hrs	60315	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60316	10/12/2017 1900 hrs	10/12/2017 2200 hrs	60319	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	QLD	Lightning	INJI
60317	10/12/2017 1900 hrs	10/12/2017 2050 hrs	60318	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60328	11/12/2017 1425 hrs	11/12/2017 1900 hrs	60338	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI



60329	11/12/2017 1400 hrs	11/12/2017 1900 hrs	60339	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	QLD	Lightning	INJI
60330	11/12/2017 1725 hrs	11/12/2017 1900 hrs	60340	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
60331	11/12/2017 1830 hrs	11/12/2017 2140 hrs	60341	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60345	12/12/2017 1620 hrs	12/12/2017 1720 hrs	60349	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60346	12/12/2017 1620 hrs	12/12/2017 1720 hrs	60350	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60347	12/12/2017 1620 hrs	12/12/2017 1720 hrs	60351	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	QLD	Lightning	INJI
60421	21/12/2017 1535 hrs	21/12/2017 1915 hrs	60423	Loss of all 4 Tarong units	QLD	Other	TNSP and Generator
60427	22/12/2017 1530 hrs	22/12/2017 2210 hrs	60430	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60428	22/12/2017 1530 hrs	22/12/2017 2210 hrs	60429	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60458	26/12/2017 0010 hrs	26/12/2017 0415 hrs	60461	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60459	26/12/2017 0010 hrs	26/12/2017 0410 hrs	60462	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60474	26/12/2017 1515 hrs	26/12/2017 2325 hrs	60478	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60477	26/12/2017 1800 hrs	26/12/2017 2325 hrs	60479	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60489	27/12/2017 1720 hrs	27/12/2017 2350 hrs	60490	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI

60503	30/12/2017 1900 hrs	30/12/2017 2010 hrs	60505	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60504	30/12/2017 1900 hrs	31/12/2017 0215 hrs	60508	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60506	30/12/2017 2035 hrs	31/12/2017 0035 hrs	60507	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60510	31/12/2017 1410 hrs	01/01/2018 0350 hrs	60521	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60511	31/12/2017 1410 hrs	01/01/2018 0350 hrs	60520	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60518	31/12/2017 2150 hrs	31/12/2017 2255 hrs	60519	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60522	01/01/2018 1225 hrs	01/01/2018 1725 hrs	60529	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60523	01/01/2018 1230 hrs	01/01/2018 1725 hrs	60530	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60533	01/01/2018 1900 hrs	01/01/2018 2155 hrs	60535	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
60536	01/01/2018 2235 hrs	02/01/2018 0435 hrs	60538	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60539	02/01/2018 0725 hrs	02/01/2018 1025 hrs	60540	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60541	02/01/2018 1200 hrs	02/01/2018 1620 hrs	60549	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60542	02/01/2018 1210 hrs	03/01/2018 0045 hrs	60563	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60543	02/01/2018 1210 hrs	03/01/2018 0000 hrs	60562	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI

60548	02/01/2018 1620 hrs	02/01/2018 2340 hrs	60560	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
60550	02/01/2018 1650 hrs	02/01/2018 1840 hrs	60557	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60554	02/01/2018 1740 hrs	02/01/2018 2340 hrs	60561	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60555	02/01/2018 1740 hrs	02/01/2018 2340 hrs	60559	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
60564	03/01/2018 1350 hrs	03/01/2018 1550 hrs	60570	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60565	03/01/2018 1350 hrs	04/01/2018 0035 hrs	60576	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60566	03/01/2018 1435 hrs	03/01/2018 2315 hrs	60574	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60567	03/01/2018 1440 hrs	04/01/2018 0035 hrs	60575	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60572	03/01/2018 1800 hrs	03/01/2018 1930 hrs	60573	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60578	04/01/2018 1240 hrs	05/01/2018 0705 hrs	60595	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60579	04/01/2018 1325 hrs	04/01/2018 1525 hrs	60583	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60580	04/01/2018 1505 hrs	04/01/2018 2105 hrs	60588	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60581	04/01/2018 1525 hrs	04/01/2018 2130 hrs	60590	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60582	04/01/2018 1525 hrs	04/01/2018 0000 hrs	60585	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI

60584	04/01/2018 1615 hrs	04/01/2018 2120 hrs	60589	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60587	04/01/2018 1700 hrs	Still Reclassified		Tarong – Chinchilla 7168 132 kV line at the Tarong end only	QLD	Other	Event actually occurred
60591	04/01/2018 2135 hrs	05/01/2018 0220 hrs	60592	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60593	05/01/2018 0435 hrs	05/01/2018 1140 hrs	60601	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60594	05/01/2018 0435 hrs	05/01/2018 0740 hrs	60596	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
60597	05/01/2018 0925 hrs	05/01/2018 1030 hrs	60599	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
60598	05/01/2018 0925 hrs	05/01/2018 1530 hrs	60608	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60600	05/01/2018 1105 hrs	05/01/2018 1310 hrs	60603	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60602	05/01/2018 1230 hrs	05/01/2018 1335 hrs	60606	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
60604	05/01/2018 1325 hrs	05/01/2018 1730 hrs	60613	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60605	05/01/2018 1330 hrs	05/01/2018 1730 hrs	60612	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60607	05/01/2018 1530 hrs	05/01/2018 2030 hrs	60619	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60609	05/01/2018 1535 hrs	05/01/2018 1730 hrs	60614	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60610	05/01/2018 1540 hrs	05/01/2018 1740 hrs	60615	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI

60611	05/01/2018 1700 hrs	05/01/2018 1900 hrs	60617	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60616	05/01/2018 1755 hrs	05/01/2018 2030 hrs	60618	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
60620	05/01/2018 2245 hrs	05/01/2018 2345 hrs	60621	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60704	13/01/2018 1845 hrs	13/01/2018 2215 hrs	60706	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
60719	14/01/2018 1730 hrs	14/01/2018 1925 hrs	60720	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
60721	14/01/2018 2040 hrs	15/01/2018 0130 hrs	60724	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60722	14/01/2018 2230 hrs	15/01/2018 0130 hrs	60725	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
60723	15/01/2018 0000 hrs	15/01/2018 0305 hrs	60726	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60734	15/01/2018 1255 hrs	16/01/2018 0400 hrs	60754	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60736	15/01/2018 1330 hrs	15/01/2018 2035 hrs	60744	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60737	15/01/2018 1355 hrs	13/01/2018 2000 hrs	60742	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60738	15/01/2018 1355 hrs	15/01/2018 2000 hrs	60743	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
60745	15/01/2018 2045 hrs	16/01/2018 0745 hrs	60757	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
60747	15/01/2018 2225 hrs	16/01/2018 0025 hrs	60751	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI

60748	15/01/2018 2300 hrs	16/01/2018 0000 hrs	60750	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
60749	15/01/2018 2330 hrs	16/01/2018 0430 hrs	60755	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60760	16/01/2018 1400 hrs	16/01/2018 1700 hrs	60763	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
60764	16/01/2018 2315 hrs	17/01/2018 0215 hrs	60767	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
60765	16/01/2018 2315 hrs	17/01/2018 0315 hrs	60768	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61014	29/01/2018 1450 hrs	29/01/2018 1855 hrs	61024	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
61015	29/01/2018 1455 hrs	29/01/2018 1835 hrs	61025	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61016	29/01/2018 1530 hrs	29/01/2018 1710 hrs	61018	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61017	29/01/2018 1710 hrs	29/01/2018 1835 hrs	61023	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61029	30/01/2018 1205 hrs	30/01/2018 1505 hrs	61039	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61032	30/01/2018 1315 hrs	30/01/2018 1415 hrs	61036	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61037	30/01/2018 1500 hrs	30/01/2018 1600 hrs	61041	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61038	30/01/2018 1500 hrs	30/01/2018 1900 hrs	61049	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61040	30/01/2018 1550 hrs	30/01/2018 1850 hrs	61047	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI

61042	30/01/2018 1610 hrs	30/01/2018 1815 hrs	61045	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61044	30/01/2018 1700 hrs	30/01/2018 1900 hrs	61048	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61056	31/01/2018 1505 hrs	31/01/2018 1635 hrs	61058	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61061	31/01/2018 2005 hrs	31/01/2018 2305 hrs	61063	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61087	03/02/2018 0215 hrs	03/02/2018 0315 hrs	61089	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61093	03/02/2018 1800 hrs	04/02/2018 0135 hrs	61104	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61095	03/02/2018 1830 hrs	03/02/2018 2030 hrs	61098	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61097	03/02/2018 1955 hrs	04/02/2018 0155 hrs	61105	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
61099	03/02/2018 2110 hrs	03/02/2018 2345 hrs	61102	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61100	03/02/2018 0900 hrs	09/02/2018 1620 hrs	61184	Dysart– Moranbah tee Peak Downs 7124 132 kV line and Moranbah – Eagle Downs 7382 132 kV line at the Eagle Downs end	QLD	Other	TNSP
61101	03/02/2018 2135 hrs	04/02/2018 0840 hrs	61108	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61106	04/02/2018 0410 hrs	04/02/2018 0815 hrs	61107	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61114	04/02/2018 1415 hrs	04/02/2018 2015 hrs	61117	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61210	12/02/2018 1335 hrs	12/02/2018 1740 hrs	61212	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI

61226	13/02/2018 0615 hrs	13/02/2018 0715 hrs	61227	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61233	13/02/2018 1620 hrs	14/02/2018 0020 hrs	61235	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61254	14/02/2018 1620 hrs	14/02/2018 1720 hrs	61267	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61255	14/02/2018 1620 hrs	14/02/2018 1720 hrs	61268	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61271	14/02/2018 1750 hrs	14/02/2018 2150 hrs	61274	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61275	15/02/2018 0010 hrs	15/02/2018 0110 hrs	61278	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61276	15/02/2018 0050 hrs	15/02/2018 0350 hrs	61279	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61277	15/02/2018 0055 hrs	15/02/2018 0455 hrs	61280	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61287	15/02/2018 1510 hrs	15/02/2018 2015 hrs	61305	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61288	15/02/2018 1510 hrs	15/02/2018 1645 hrs	61293	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61289	15/02/2018 1510 hrs	15/02/2018 1815 hrs	61297	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61291	15/02/2018 1615 hrs	15/02/2018 2215 hrs	61309	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61292	15/02/2018 1615 hrs	15/02/2018 1915 hrs	61299	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
61298	15/02/2018 1845 hrs	15/02/2018 1945 hrs	61303	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI



61301	15/02/2018 1920 hrs	16/02/2018 0020 hrs	61311	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61304	15/02/2018 2010 hrs	15/02/2018 2215 hrs	61308	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
61306	15/02/2018 2045 hrs	15/02/2018 2145 hrs	61307	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61310	15/02/2018 2245 hrs	16/02/2018 0045 hrs	61314	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61313	16/02/2018 0030 hrs	16/02/2018 0530 hrs	61317	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61315	16/02/2018 0205 hrs	16/02/2018 0305 hrs	61316	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61330	16/02/2018 1215 hrs	16/02/2018 1820 hrs	61340	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61331	16/02/2018 1335 hrs	16/02/2018 2110 hrs	61344	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61332	16/02/2018 1420 hrs	16/02/2018 1620 hrs	61335	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61333	16/02/2018 1530 hrs	16/02/2018 2300 hrs	61347	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61334	16/02/2018 1615 hrs	16/02/2018 0000 hrs	61342	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61336	16/02/2018 1635 hrs	16/02/2018 1840 hrs	61341	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61343	16/02/2018 2100 hrs	17/02/2018 0400 hrs	61350	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61346	16/02/2018 2205 hrs	17/02/2018 0405 hrs	61351	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI

61348	17/02/2018 0150 hrs	17/02/2018 0350 hrs	61349	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61352	17/02/2018 0520 hrs	17/02/2018 0920 hrs	61353	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61357	17/02/2018 1350 hrs	17/02/2018 1955 hrs	61364	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61358	17/02/2018 1455 hrs	17/02/2018 2000 hrs	61365	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61359	17/02/2018 1520 hrs	17/02/2018 2320 hrs	61366	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61360	17/02/2018 1625 hrs	17/02/2018 1725 hrs	61361	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61362	17/02/2018 1730 hrs	18/02/2018 0130 hrs	61367	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61369	18/02/2018 1105 hrs	14/08/2018 1040 hrs	63869	H67 Calliope River – H8 Boyne Island 7145 132 kV Transmission line and the Gladstone Unit 1	QLD	Lightning	TNSP
61370	18/02/2018 1415 hrs	18/02/2018 1615 hrs	61375	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61371	18/02/2018 1440 hrs	18/02/2018 1745 hrs	61377	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
61372	18/02/2018 1455 hrs	18/02/2018 1600 hrs	61374	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61373	18/02/2018 1535 hrs	18/02/2018 1640 hrs	61376	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61378	18/02/2018 1805 hrs	18/02/2018 1845 hrs	61382	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61379	18/02/2018 1805 hrs	18/02/2018 1845 hrs	61381	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI

61380	18/02/2018 1805 hrs	18/02/2018 1845 hrs	61383	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61386	19/02/2018 1245 hrs	19/02/2018 1445 hrs	61388	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61389	19/02/2018 1450 hrs	20/02/2018 0150 hrs	61396	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61390	19/02/2018 1510 hrs	20/02/2018 1230 hrs	61412	Chalumbin No. 1 275 kV bus, Chalumbin – Woree No. 876 275 kV Line and Chalumbin – Woree No. 877 275 kV Line	QLD	Lightning	INJI
61391	19/02/2018 1745 hrs	19/02/2018 2140 hrs	61393	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61392	19/02/2018 1910 hrs	19/02/2018 2310 hrs	61394	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61395	20/02/2018 0115 hrs	20/02/2018 0815 hrs	61405	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61397	20/02/2018 0305 hrs	20/02/2018 1210 hrs	61410	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61398	20/02/2018 0345 hrs	20/02/2018 0750 hrs	61402	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61399	20/02/2018 0355 hrs	20/02/2018 1200 hrs	61408	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61400	20/02/2018 0505 hrs	20/02/2018 0810 hrs	61404	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
61406	20/02/2018 0820 hrs	20/02/2018 0000 hrs	61411	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61409	20/02/2018 1210 hrs	20/02/2018 1510 hrs	61415	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61413	20/02/2018 1315 hrs	20/02/2018 1520 hrs	61416	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI

61417	20/02/2018 1600 hrs	20/02/2018 1705 hrs	61418	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61420	20/02/2018 1720 hrs	20/02/2018 1925 hrs	61423	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61421	20/02/2018 1725 hrs	20/02/2018 1925 hrs	61422	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61424	20/02/2018 1940 hrs	20/02/2018 2240 hrs	61428	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61425	20/02/2018 2030 hrs	21/02/2018 0130 hrs	61429	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61426	20/02/2018 2045 hrs	21/02/2018 0150 hrs	61430	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
61427	20/02/2018 2125 hrs	21/02/2018 0205 hrs	61431	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61432	21/02/2018 1255 hrs	21/02/2018 1855 hrs	61443	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61433	21/02/2018 1300 hrs	21/02/2018 1900 hrs	61444	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61434	21/02/2018 1455 hrs	22/02/2018 0455 hrs	61452	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61439	21/02/2018 1640 hrs	21/02/2018 2145 hrs	61447	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61442	21/02/2018 1830 hrs	21/02/2018 1930 hrs	61445	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61446	21/02/2018 1950 hrs	22/02/2018 0050 hrs	61450	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61448	21/02/2018 2220 hrs	21/02/2018 2320 hrs	61449	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI

61451	22/02/2018 0100 hrs	22/02/2018 0800 hrs	61453	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61454	22/02/2018 1205 hrs	22/02/2018 1310 hrs	61457	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61455	22/02/2018 1250 hrs	22/02/2018 1650 hrs	61466	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61456	22/02/2018 1250 hrs	22/02/2018 1550 hrs	61464	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61458	22/02/2018 1325 hrs	22/02/2018 1525 hrs	61461	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61459	22/02/2018 1420 hrs	22/02/2018 1820 hrs	61469	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61462	22/02/2018 1550 hrs	22/02/2018 2050 hrs	61472	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61467	22/02/2018 1655 hrs	22/02/2018 1855 hrs	61470	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61468	22/02/2018 1705 hrs	22/02/2018 1905 hrs	61471	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61473	22/02/2018 2215 hrs	23/02/2018 0515 hrs	61477	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61474	23/02/2018 0115 hrs	23/02/2018 0215 hrs	61475	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61476	23/02/2018 0250 hrs	23/02/2018 0750 hrs	61482	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61478	23/02/2018 0535 hrs	23/02/2018 0735 hrs	61481	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61479	23/02/2018 0625 hrs	23/02/2018 0725 hrs	61480	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI

61486	23/02/2018 1035 hrs	23/02/2018 1135 hrs	61487	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61488	23/02/2018 1140 hrs	24/02/2018 0345 hrs	61498	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61490	23/02/2018 1510 hrs	23/02/2018 2210 hrs	61494	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61491	23/02/2018 1550 hrs	23/02/2018 2215 hrs	61495	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61492	23/02/2018 1620 hrs	24/02/2018 0020 hrs	61497	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61508	24/02/2018 1320 hrs	24/02/2018 1725 hrs	61514	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61509	24/02/2018 1320 hrs	25/02/2018 0225 hrs	61524	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61511	24/02/2018 1555 hrs	24/02/2018 2030 hrs	61520	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61512	24/02/2018 1555 hrs	24/02/2018 2025 hrs	61518	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61516	24/02/2018 1755 hrs	24/02/2018 2025 hrs	61519	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61517	24/02/2018 1905 hrs	24/02/2018 2035 hrs	61521	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61522	24/02/2018 2105 hrs	25/02/2018 0205 hrs	61523	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61525	25/02/2018 1255 hrs	25/02/2018 1955 hrs	61535	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61526	25/02/2018 1255 hrs	25/02/2018 1925 hrs	61534	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI

61528	25/02/2018 1615 hrs	25/02/2018 1815 hrs	61531	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61529	25/02/2018 1615 hrs	25/02/2018 1815 hrs	61532	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61530	25/02/2018 1815 hrs	25/02/2018 2120 hrs	61540	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61538	25/02/2018 2045 hrs	25/02/2018 2145 hrs	61541	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61542	25/02/2018 2210 hrs	26/02/2018 0210 hrs	61544	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61546	26/02/2018 0425 hrs	26/02/2018 0525 hrs	61550	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61552	26/02/2018 1345 hrs	26/02/2018 1645 hrs	61560	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61553	26/02/2018 1420 hrs	26/02/2018 2220 hrs	61574	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61554	26/02/2018 1445 hrs	26/02/2018 1945 hrs	61568	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61555	26/02/2018 1530 hrs	26/02/2018 1630 hrs	61559	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61556	26/02/2018 1550 hrs	26/02/2018 1650 hrs	61561	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61557	26/02/2018 1630 hrs	27/02/2018 0150 hrs	61578	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
61558	26/02/2018 1630 hrs	26/02/2018 2030 hrs	61571	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61562	26/02/2018 1655 hrs	26/02/2018 1955 hrs	61569	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI

61563	26/02/2018 1725 hrs	26/02/2018 2025 hrs	61570	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61564	26/02/2018 1740 hrs	26/02/2018 1840 hrs	61567	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
61566	26/02/2018 1825 hrs	27/02/2018 1225 hrs	61583	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV Lines	QLD	Other	Event actually occurred
61572	26/02/2018 2115 hrs	26/02/2018 2215 hrs	61573	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61575	26/02/2018 2225 hrs	27/02/2018 0150 hrs	61577	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61576	26/02/2018 2325 hrs	27/02/2018 0150 hrs	61579	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61582	27/02/2018 1215 hrs	27/02/2018 1620 hrs	61587	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61586	27/02/2018 1355 hrs	27/02/2018 2155 hrs	61588	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61589	27/02/2018 2345 hrs	28/02/2018 0920 hrs	61593	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61590	28/02/2018 0625 hrs	28/02/2018 0900 hrs	61592	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61598	28/02/2018 1250 hrs	28/02/2018 1825 hrs	61609	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61599	28/02/2018 1315 hrs	28/02/2018 2020 hrs	61613	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61614	28/02/2018 2350 hrs	01/03/2018 0050 hrs	61616	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61617	01/03/2018 0530 hrs	01/03/2018 0800 hrs	61619	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI



61620	01/03/2018 1440 hrs	01/03/2018 1910 hrs	61622	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61621	01/03/2018 1650 hrs	01/03/2018 2020 hrs	61623	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61624	01/03/2018 2045 hrs	01/03/2018 2245 hrs	61627	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61626	01/03/2018 2225 hrs	02/03/2018 0025 hrs	61629	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61628	01/03/2018 2330 hrs	02/03/2018 0330 hrs	61630	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61631	02/03/2018 1325 hrs	02/03/2018 1625 hrs	61637	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61632	02/03/2018 1350 hrs	02/03/2018 1750 hrs	61643	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61633	02/03/2018 1430 hrs	02/03/2018 1835 hrs	61645	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61634	02/03/2018 1520 hrs	02/03/2018 1620 hrs	61636	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61635	02/03/2018 1535 hrs	02/03/2018 2255 hrs	61648	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INJI
61639	02/03/2018 1635 hrs	02/03/2018 1935 hrs	61646	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61640	02/03/2018 1635 hrs	02/03/2018 1835 hrs	61644	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	INJI
61641	02/03/2018 1645 hrs	02/03/2018 2245 hrs	61647	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61651	04/03/2018 0320 hrs	04/03/2018 0420 hrs	61652	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI

61654	04/03/2018 1550 hrs	04/03/2018 1955 hrs	61655	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61657	05/03/2018 1345 hrs	05/03/2018 1945 hrs	61659	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61658	05/03/2018 1545 hrs	05/03/2018 1945 hrs	61660	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61667	08/03/2018 1145 hrs	08/03/2018 1245 hrs	61668	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61761	20/03/2018 0210 hrs	20/03/2018 0415 hrs	61762	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61770	20/03/2018 1720 hrs	20/03/2018 2020 hrs	61774	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61780	21/03/2018 1650 hrs	21/03/2018 1755 hrs	61781	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
61785	22/03/2018 1835 hrs	22/03/2018 1940 hrs	61786	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INJI
61800	23/03/2018 1445 hrs	23/03/2018 1645 hrs	61802	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI
61801	23/03/2018 1450 hrs	23/03/2018 1855 hrs	61803	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INJI
61922	26/03/2018 1845 hrs	26/03/2018 1945 hrs	61923	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD	Lightning	INJI
61925	26/03/2018 2235 hrs	26/03/2018 2340 hrs	61926	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
61927	27/03/2018 0420 hrs	27/03/2018 0520 hrs	61929	Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD	Lightning	INJI
61928	27/03/2018 0425 hrs	27/03/2018 0525 hrs	61930	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV Lines	QLD	Lightning	INJI

61975	28/03/2018 0310 hrs	28/04/2018 0810 hrs	61995	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
62075	01/04/2018 1605 hrs	01/04/2018 1705 hrs	62076	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
62077	01/04/2018 1740 hrs	01/04/2018 1935 hrs	62078	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	INJI
62392	19/04/2018 1815 hrs	19/04/2018 1915 hrs	62407	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
62410	20/04/2018 0700 hrs	20/04/2018 1000 hrs	62411	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
62412	20/04/2018 1220 hrs	20/04/2018 1620 hrs	62414	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
62415	20/04/2018 1705 hrs	20/04/2018 1905 hrs	62416	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD	Lightning	INJI
62417	21/04/2018 1415 hrs	21/04/2018 1615 hrs	62418	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
62419	21/04/2018 1750 hrs	21/04/2018 1955 hrs	62421	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
62420	21/04/2018 1800 hrs	21/04/2018 2010 hrs	62422	Bouldercombe – Rockhampton No. 7108 and Bouldercombe – Egans Hill No. 7221 132 kV lines	QLD	Lightning	INJI
62425	22/04/2018 1705 hrs	22/04/2018 1810 hrs	62426	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	INJI
59981	22/11/2017 1530 hrs	23/11/2017 0240 hrs	59990	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM Severe Weather Warning
59994	23/11/2017 1530 hrs	23/11/2017 2010 hrs	60004	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM Severe Weather Warning
59995	23/11/2017 1000 hrs	23/11/2017 2010 hrs	60004	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM Severe Weather Warning

59998	23/11/2017 1500 hrs	31/01/2018 1700 hrs	61059	Davenport – Bungama 275 kV Line and Snowtown WF	SA	Other	TNSP
60036	26/11/2017 0745 hrs	26/11/2017 1625 hrs	60042	South East No. 2 275/132 kV Transformer and both the South East No.1 and No.2 275 kV SVCs.	SA	Other	TNSP
60168	01/12/2017 1440 hrs	02/12/2017 0430 hrs	60178	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM Severe Weather Warning
60385	18/12/2017 2045 hrs	19/12/2017 0450 hrs	60388	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM Severe Weather Warning
60386	18/12/2017 2045 hrs	19/12/2017 0000 hrs	60389	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM Severe Weather Warning
60891	20/01/2018 1705 hrs	20/01/2018 1935 hrs	60892	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM Severe Weather Warning
61234	13/02/2018 2305 hrs	14/02/2018 0550 hrs	61236	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM Severe Weather Warning
61489	23/02/2018 1420 hrs	23/02/2018 2000 hrs	61493	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM Severe Weather Warning
61688	10/03/2018 0635 hrs	12/03/2018 1730 hrs	61691	Robertstown – Waterloo East 132 kV Line for various power system faults in SA region	SA	Other	Event actually occurred
61724	17/03/2018 1735 hrs	18/03/2018 0840 hrs	61741	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM severe weather warning
61725	17/03/2018 1735 hrs	18/03/2018 0840 hrs	61742	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM severe weather warning
61783	22/03/2018 1325 hrs	22/03/2018 1420 hrs	61784	South East – Tailem Bend No1 and No2 275 kV lines	SA	Other	TNSP
62278	13/04/2018 1945 hrs	14/04/2018 2345 hrs	62328	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM severe weather warning
62279	13/04/2018 1945 hrs	14/04/2018 1745 hrs	62318	Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM severe weather warning

59909	16/11/2017 1335 hrs	16/11/2017 1530 hrs	59913	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
59999	23/11/2017 1545 hrs	23/11/2017 2105 hrs	60006	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60013	24/11/2017 1305 hrs	24/11/2017 2035 hrs	60022	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60014	24/11/2017 1600 hrs	24/11/2017 1730 hrs	60018	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60026	25/11/2017 1200 hrs	25/11/2017 1530 hrs	60030	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60031	25/11/2017 1600 hrs	25/11/2017 1905 hrs	60032	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60040	26/11/2017 1340 hrs	27/11/2017 0030 hrs	60045	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
60043	26/11/2017 1900 hrs	27/11/2017 0030 hrs	60047	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60044	26/11/2017 1920 hrs	27/11/2017 0030 hrs	60046	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60048	27/11/2017 0055 hrs	27/11/2017 0330 hrs	60049	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60143	30/11/2017 1510 hrs	30/11/2017 1700 hrs	60152	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
60147	30/11/2017 1555 hrs	30/11/2017 1945 hrs	60153	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60162	30/11/2017 2300 hrs	01/12/2017 0245 hrs	60163	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60194	03/12/2017 0825 hrs	03/12/2017 0955 hrs	60195	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INJI

60398	19/12/2017 1815 hrs	19/12/2017 1825 hrs	60400	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
60401	19/12/2017 1830 hrs	19/12/2017 2230 hrs	60403	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INJI
60622	06/01/2018 0050 hrs	06/01/2018 0155 hrs	60623	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60679	12/01/2018 1455 hrs	12/01/2018 1600 hrs	60685	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INJI
60697	13/01/2018 1055 hrs	13/01/2018 1200 hrs	60698	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
60700	13/01/2018 1400 hrs	13/01/2018 1700 hrs	60703	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INJI
61080	02/02/2018 1500 hrs	02/02/2018 1635 hrs	61081	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61124	05/02/2018 1840 hrs	05/02/2018 2100 hrs	61125	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INJI
61186	10/02/2018 1515 hrs	10/02/2018 1715 hrs	61191	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61187	10/02/2018 1550 hrs	10/02/2018 1740 hrs	61192	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61188	10/02/2018 1550 hrs	10/02/2018 1740 hrs	61193	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
61189	10/02/2018 1550 hrs	10/02/2018 1840 hrs	61195	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61190	10/02/2018 1645 hrs	10/02/2018 1845 hrs	61196	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INJI
61237	14/02/2018 0655 hrs	14/02/2018 1130 hrs	61244	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI

61238	14/02/2018 0700 hrs	14/02/2018 0905 hrs	61241	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
61239	14/02/2018 0740 hrs	14/02/2018 0940 hrs	61243	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INJI
61240	14/02/2018 0810 hrs	14/02/2018 1130 hrs	61245	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61242	14/02/2018 0935 hrs	14/02/2018 1130 hrs	61246	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
61248	14/02/2018 1240 hrs	14/02/2018 1735 hrs	61270	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
61249	14/02/2018 1240 hrs	14/02/2018 1735 hrs	61269	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61499	24/02/2018 0635 hrs	24/02/2018 0735 hrs	61504	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
61500	24/02/2018 0645 hrs	24/02/2018 0725 hrs	61503	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61501	24/02/2018 0645 hrs	24/02/2018 0825 hrs	61505	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61594	28/02/2018 1205 hrs	28/02/2018 1455 hrs	61602	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61595	28/02/2018 1215 hrs	28/02/2018 1445 hrs	61601	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INJI
61596	28/02/2018 1235 hrs	28/02/2018 1505 hrs	61603	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
61597	28/02/2018 1250 hrs	28/02/2018 1700 hrs	61608	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61600	28/02/2018 1410 hrs	28/02/2018 1910 hrs	61610	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI

Event ID	Start Date/Time	End Date/Time	Event ID	Description	Category	Other	Event actually occurred
61606	28/02/2018 1500 hrs	28/02/2018 1930 hrs	61611	Tungatinah – New Norfolk tee Meadowbank No. 1 and No. 2 110 kV Lines	TAS	Other	
61726	18/03/2018 0015 hrs	18/03/2018 0415 hrs	61733	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61744	18/03/2018 1330 hrs	18/03/2018 1435 hrs	61745	Norwood – Scottsdale – Derby 110k V Line and Norwood – Scottsdale 110 kV Line	TAS	Lightning	INJI
61806	24/03/2018 0355 hrs	24/03/2018 0820 hrs	61811	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
61807	24/03/2018 0400 hrs	24/03/2018 0815 hrs	61810	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61809	24/03/2018 0500 hrs	24/03/2018 0830 hrs	61813	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61864	25/03/2018 0520 hrs	25/03/2018 0750 hrs	61870	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61865	25/03/2018 0525 hrs	25/03/2018 0635 hrs	61868	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
61866	25/03/2018 0540 hrs	25/03/2018 0635 hrs	61867	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
61869	25/03/2018 0705 hrs	25/03/2018 1010 hrs	61871	Rowville Yallourn No. 5 and No. 6 220 kV lines	TAS	Lightning	INJI
62199	10/04/2018 1345 hrs	10/04/2018 1610 hrs	62208	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
62205	10/04/2018 1455 hrs	10/04/2018 1655 hrs	62210	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
62206	10/04/2018 1505 hrs	10/04/2018 1850 hrs	62227	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
62282	13/04/2018 2310 hrs	14/04/2018 0210 hrs	62288	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI



62283	13/04/2018 2320 hrs	14/04/2018 0125 hrs	62286	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
62284	13/04/2018 2325 hrs	14/04/2018 0125 hrs	62287	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
62285	14/04/2018 0050 hrs	14/04/2018 0225 hrs	62289	Norwood – Scottsdale – Derby 110 kV Line and Norwood – Scottsdale 110 kV Line	TAS	Lightning	INJI
62291	14/04/2018 0425 hrs	14/04/2018 0520 hrs	62292	Norwood – Scottsdale – Derby 110 kV Line and Norwood – Scottsdale 110 kV Line	TAS	Lightning	INJI
62295	14/04/2018 1145 hrs	14/04/2018 1230 hrs	62310	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
62324	14/04/2018 2115 hrs	14/04/2018 2305 hrs	62326	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INJI
62325	14/04/2018 2210 hrs	14/04/2018 2310 hrs	62327	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
62329	15/04/2018 0440 hrs	15/04/2018 0540 hrs	62330	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
62469	24/04/2018 1515 hrs	24/04/2018 1555 hrs	62471	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INJI
62472	24/04/2018 1605 hrs	24/04/2018 1710 hrs	62475	Norwood – Scottsdale – Derby 110 kV Line and Norwood – Scottsdale 110 kV Line	TAS	Lightning	INJI
59820	06/11/2017 1345 hrs	06/11/2017 1530 hrs	59823	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59821	06/11/2017 1345 hrs	06/11/2017 1530 hrs	59822	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
59869	11/11/2017 1330 hrs	11/11/2017 2010 hrs	59870	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59885	12/11/2017 1605 hrs	12/11/2017 2000 hrs	59886	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI

59892	13/11/2017 1235 hrs	13/11/2017 2030 hrs	59896	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59893	13/11/2017 1440 hrs	13/11/2017 2030 hrs	59897	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
59914	16/11/2017 1640 hrs	16/11/2017 2300 hrs	59916	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
59915	16/11/2017 1720 hrs	16/11/2017 2300 hrs	59917	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59918	17/11/2017 0855 hrs	18/11/2017 0450 hrs	59925	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59919	17/11/2017 0945 hrs	18/11/2017 0445 hrs	59926	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
59927	18/11/2017 0530 hrs	18/11/2017 1830 hrs	59929	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
59928	18/11/2017 0530 hrs	18/11/2017 1830 hrs	59930	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59938	19/11/2017 1300 hrs	19/11/2017 2320 hrs	59945	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	VIC	Lightning	INJI
59941	19/11/2017 1945 hrs	19/11/2017 2210 hrs	59943	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59956	21/11/2017 1340 hrs	21/11/2017 2040 hrs	59970	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59984	22/11/2017 1900 hrs	22/11/2017 2155 hrs	59988	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
59996	23/11/2017 1440 hrs	23/11/2017 1835 hrs	60001	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60000	23/11/2017 1555 hrs	23/11/2017 1915 hrs	60002	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI

60003	23/11/2017 1950 hrs	23/11/2017 2345 hrs	60012	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60016	24/11/2017 1715 hrs	24/11/2017 2000 hrs	60020	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60017	24/11/2017 1715 hrs	24/11/2017 2045 hrs	60023	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60024	24/11/2017 2300 hrs	25/11/2017 0000 hrs	60025	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60027	25/11/2017 1350 hrs	25/11/2017 2100 hrs	60034	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60029	25/11/2017 1350 hrs	25/11/2017 2100 hrs	69033	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60037	26/11/2017 1045 hrs	27/11/2017 0455 hrs	60052	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60038	26/11/2017 1105 hrs	27/11/2017 0455 hrs	60051	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60066	27/11/2017 1315 hrs	27/11/2017 2135 hrs	60069	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60068	27/11/2017 1505 hrs	27/11/2017 2135 hrs	60070	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60072	28/11/2017 1325 hrs	28/11/2017 1800 hrs	60076	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60093	29/11/2017 1610 hrs	29/11/2017 2015 hrs	60099	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60164	01/12/2017 0505 hrs	02/12/2017 1215 hrs	60180	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60165	01/12/2017 0505 hrs	02/12/2017 1215 hrs	60179	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI

60184	02/12/2017 1655 hrs	02/12/2017 2330 hrs	60190	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60185	02/12/2017 1740 hrs	02/12/2017 2330 hrs	60189	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60202	03/12/2017 1725 hrs	03/12/2017 2355 hrs	60210	Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stoney Ck 7306 132 kV Lines	VIC	Lightning	INJI
60215	04/12/2017 0330 hrs	04/12/2017 1305 hrs	60219	Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	VIC	Lightning	INJI
60222	04/12/2017 1530 hrs	04/12/2017 2130 hrs	60228	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60223	04/12/2017 1530 hrs	04/12/2017 2130 hrs	60229	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60240	05/12/2017 1625 hrs	05/12/2017 21:00 hrs	60245	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60367	15/12/2017 2345 hrs	16/12/2017 1415 hrs	60372	Two Units at Yallourn Power Station in Vic region	VIC	Other	TNSP and Generator
60397	19/12/2017 1645 hrs	20/12/2017 0845 hrs	60408	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60399	19/12/2017 1820 hrs	20/12/2017 0055 hrs	60404	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60406	20/12/2017 0225 hrs	20/12/2017 0830 hrs	60407	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60491	28/12/2017 1555 hrs	28/12/2017 2155 hrs	60494	Hadspen – Palmerston No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60493	28/12/2017 1755 hrs	28/12/2017 2355 hrs	60495	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60499	29/12/2017 1615 hrs	29/12/2017 2015 hrs	60501	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI

60629	08/01/2018 0320 hrs	08/01/2018 0430 hrs	60630	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60632	08/01/2018 0825 hrs	08/01/2018 1615 hrs	60638	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60633	08/01/2018 0850 hrs	08/01/2018 1615 hrs	60639	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60640	08/01/2018 1820 hrs	09/01/2018 0100 hrs	60644	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60641	08/01/2018 1830 hrs	08/01/2018 2335 hrs	60643	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60645	09/01/2018 0130 hrs	09/01/2018 0430 hrs	60646	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60671	12/01/2018 1025 hrs	12/01/2018 1210 hrs	60675	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60673	12/01/2018 1040 hrs	12/01/2018 1210 hrs	60676	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60679	12/01/2018 1455 hrs	12/01/2018 1655 hrs	60687	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60895	22/01/2018 0045 hrs	22/01/2018 0245 hrs	60897	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60896	22/01/2018 0045 hrs	22/01/2018 0335 hrs	60898	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60899	22/01/2018 0515 hrs	22/01/2018 0620 hrs	60901	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60900	22/01/2018 0515 hrs	22/01/2018 0720 hrs	60902	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60917	23/01/2018 0135 hrs	23/01/2018 0540 hrs	60920	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI

60918	23/01/2018 0150 hrs	23/01/2018 0450 hrs	60919	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60921	23/01/2018 0700 hrs	24/01/2018 1425 hrs	60932	Rowville to South Morang No.3 500 kV line at the South Morang end	VIC	Lightning	TNSP
60924	23/01/2018 2250 hrs	23/01/2018 2350 hrs	60925	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60927	24/01/2018 0315 hrs	24/01/2018 0520 hrs	60929	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60928	24/01/2018 0455 hrs	24/01/2018 0555 hrs	60930	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60933	24/01/2018 1635 hrs	24/01/2018 1730 hrs	60934	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60935	24/01/2018 1855 hrs	24/01/2018 2355 hrs	60938	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60936	24/01/2018 1855 hrs	24/01/2018 2155 hrs	60937	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60940	25/01/2018 0535 hrs	25/01/2018 0735 hrs	60941	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60944	25/01/2018 1405 hrs	25/01/2018 2110 hrs	60963	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60947	25/01/2018 1550 hrs	25/01/2018 2050 hrs	60962	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60965	26/01/2018 1805 hrs	26/01/2018 2010 hrs	60967	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60968	26/01/2018 2240 hrs	27/01/2018 0445 hrs	60970	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60969	26/01/2018 2340 hrs	27/01/2018 0540 hrs	60971	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI

60985	27/01/2018 1405 hrs	27/01/2018 1505 hrs	60987	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
60986	27/01/2018 1405 hrs	27/01/2018 1505 hrs	60988	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60990	27/01/2018 1945 hrs	27/01/2018 2245 hrs	60993	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
60991	27/01/2018 2015 hrs	27/01/2018 2120 hrs	60992	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
61026	30/01/2018 0505 hrs	30/01/2018 0610 hrs	61027	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
61198	10/02/2018 2015 hrs	10/02/2018 2215 hrs	61203	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
61199	10/02/2018 2035 hrs	10/02/2018 2135 hrs	61202	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
61355	17/02/2018 1005 hrs	17/02/2018 1110 hrs	61356	Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	VIC	Lightning	INJI
61507	24/02/2018 1215 hrs	24/02/2018 1615 hrs	61513	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
61510	24/02/2018 1325 hrs	24/02/2018 1730 hrs	61515	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
61527	25/02/2018 1530 hrs	25/02/2018 2030 hrs	61537	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
61533	25/02/2018 1850 hrs	25/02/2018 2050 hrs	61539	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
61607	28/02/2018 1650 hrs	01/03/2018 0605 hrs	61618	Dederang – South Morang No.1 and No.2 330 kV Lines	VIC	Bushfires	INJI
61805	24/03/2018 0325 hrs	24/03/2018 0425 hrs	61808	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI

61849	24/03/2018 2000 hrs	24/03/2018 2155 hrs	61851	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
61850	24/03/2018 2015 hrs	24/03/2018 2315 hrs	61852	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
61853	25/03/2018 0200 hrs	25/03/2018 0300 hrs	61854	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
61952	27/03/2018 1610 hrs	05/07/2018 1035 hrs	63365	Moorabool – Sydenham No 1 500 kV Line at Sydenham end only	VIC	Other	TNSP
62252	12/04/2018 0635 hrs	12/04/2018 1040 hrs	62254	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
62280	13/04/2018 2220 hrs	14/04/2018 0415 hrs	62290	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI
62281	13/04/2018 2245 hrs	14/04/2018 0650 hrs	62293	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INJI
62491	26/04/2018 0625 hrs	26/04/2018 0730 hrs	62492	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INJI



## A2. Number of reclassification events on each element, 1 November 2017 to 30 April 2018

**Table 4** Number of times reclassification events occurred on each element, 1 November 2017 to 30 April 2018

Element	Region	Number of times reclassified			
		Bushfires	Lightning	Other	Total
Boambee to Nambucca 9W7 132 kV and Coffs Harbour to Raleigh 9W3 132 kV	NSW		6		6
Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW		13		13
Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW		21		21
Ingleburn – Sydney South No.78 330 kV line and Kemps Creek – Sydney South No.13 330 kV line	NSW			1	1
Liddell – Newcastle (81) and Liddell – Tomago (82) 330 kV Lines	NSW	1			1
Sydney West SVC and the Liverpool–Sydney South No. 12 330 kV line	NSW			1	1
Wallerawang – Sydney South No.76 330 kV line and Liverpool– Sydney South No.12 330 kV line	NSW	1			1
Bouldercombe – Rockhampton 7108 and Bouldercombe – Egan’s Hill 7221 132 kV Lines	QLD		20		20
Chalumbin – Collinsville North – Proserpine 7125 and 7126 132 kV Lines	QLD		4		4
Chalumbin – Turkinje No.7165 132 kV line and Chalumbin – Turkinje No.7166 132 kV line	QLD		55		55
Chalumbin No. 1 275 kV bus, Chalumbin – Woree No. 876 275 kV Line and Chalumbin – Woree No. 877 275 kV Line	QLD		1		1
Chinchilla – Columboola No.7349 132 kV line and Chinchilla – Columboola No.7350 132 kV line	QLD		37		37
Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD		12		12
Collinsville – Stony Ck 7306 and Collinsville – Newlands 132 kV Lines	QLD		29		29
Collinsville North – Newlands 7121 132 kV line and Collinsville North – Stony Ck 7306 132 kV Lines	QLD		9		9
Collinsville North – Proserpine 7126 132 kV line at the Collinsville North end only	QLD			1	1
Collinsville North – Proserpine No.7125 132 kV line and Collinsville North – Proserpine No.7126 132 kV	QLD		21		21
Dysart– Moranbah tee Peak Downs 7124 132 kV line and Moranbah – Eagle Downs 7382 132 kV line at the Eagle Downs end	QLD			1	1
Goonyella – North Goonyella Tee – Stony Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD		2	1	3

H67 Calliope River – H8 Boyne Island 7145 132 kV Transmission line and the Gladstone Unit 1	QLD		1		1
Loss of all 4 Tarong units	QLD			1	1
Moranbah Goonyella 7369 and 7370 132 kV lines	QLD		32		32
Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD		65		65
Tarong – Chinchilla 7168 132 kV line at the Tarong end only	QLD			1	1
Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD		46		46
Brinkworth – Davenport, Brinkworth – Templers West and Para –Templers West 275 kV lines	SA			7	7
Brinkworth – Templers West and Para – Templers West 275 kV lines	SA			1	1
Davenport – Bungama 275 kV Line and Snowtown WF	SA			1	1
Para–Templers West and Magill–Torrens Island A 275 kV lines	SA			5	5
Robertstown – Waterloo East 132 kV Line for various power system faults in SA region	SA			1	1
South East – Taillem Bend No1 and No2 275 kV lines	SA			1	1
South East No. 2 275/132 kV Transformer and both the South East No.1 and No.2 275 kV SVCs.	SA			1	1
Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS		11		11
Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS		14		14
Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS		15		15
Farrell Reece No. 1 and No. 2 220 kV lines	TAS		12		12
Hadspen – Palmerston No. 1 and No. 2 220 kV lines	TAS		1		1
Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS		13		13
Tungatinah – New Norfolk tee Meadowbank No. 1 and No. 2 110 kV Lines	TAS			1	1
Dederang – South Morang No.1 and No.2 330 kV Lines	VIC	1			1
Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC		51		51
Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC		37		37
Moorabool – Sydenham No 1 500 kV Line at Sydenham end only	VIC			1	1
Rowville to South Morang No.3 500 kV line at the South Morang end	VIC		1		1
Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC		1		1
Two Units at Yallourn Power Station in Vic region	VIC			1	1

# A3. Non-credible contingency events, 1 November 2017 to 30 April 2018

**Table 5 Non-credible contingency events, 1 November 2017 to 30 April 2018**

Date of contingency	Description	Region	Primary cause	Contingency then reclassified?	Comments
15/11/2017 1523 hrs	Trip of the Newcastle – Eraring 93 330 kV line tripped at Eraring end	NSW	Operating Error	No	TransGrid advised AEMO the line was inadvertently tripped while performing planned maintenance on the protection. TransGrid advised it was unlikely to reoccur.
31/01/2018 0539 hrs	Trip of the Eraring substation 330 kV circuit breakers which offloaded the Vales Point 330 kV line and the 1A/1B 330/23 kV transformers	NSW	Transmission Equipment failure	No	TransGrid advised AEMO that the event was caused by a fault. TransGrid advised that the cause of the outage had been identified and was unlikely to reoccur
15/02/2018 0731 hrs	Trip of the Eraring – Newcastle No. 90 330 kV Line at the Newcastle end only	NSW	Protection and Control	No	TransGrid advised AEMO the line was inadvertently tripped due to mal operation of on the protection. TransGrid isolated the protection and advised it was unlikely to reoccur.
15/02/2018 1339 hrs	Trip of the Broken Hill 220 kV bus which also disconnected the Broken Hill – Buronga X2 220 kV and the Broken Hill – Silverton X6 220 kV Lines	NSW	Protection and Control	No	TransGrid advised AEMO the line was inadvertently tripped while performing planned maintenance on the protection. TransGrid advised it was unlikely to reoccur.
20/02/2018 0735 hrs	Trip of the Tamworth No. 3 330 kV bus	NSW	Transmission Equipment failure	No	TransGrid advised that the Tamworth Armidale (85) 330 kV line CT explosion was identified as the cause. TransGrid isolated the CT connections and informed AEMO it was unlikely to reoccur.
15/04/2018 0938 hrs	Trip of the Ingleburn – Sydney South No.78 330 kV and Kemps Creek – Sydney South No.13 330 kV lines	NSW	Bushfires	Yes	TransGrid advised that the Ingleburn – Sydney South (78) 330 kV Transmission line and Kemps Creek – Sydney South (13) 330 kV transmission lines tripped simultaneously and auto reclosed due to there being bushfires over a large area associated with the transmission easement containing two double circuit lines. AEMO then reclassified this event as a credible contingency.

Date of contingency	Description	Region	Primary cause	Contingency then reclassified?	Comments
15/04/2018 1130 hrs	Trip of the Sydney West SVC and the Liverpool –Sydney South No. 12 330 kV line	NSW	Bushfires	Yes	TransGrid advised that Sydney South – Liverpool 12 330 kV line tripped and reclosed at the same time the Sydney West SVC tripped out of service. AEMO then reclassified this event as a credible contingency.
01/01/2018 2020 hrs	Trip of the T152 Gladstone South No. 3 132 kV Busbar and the T152 Gladstone South –T19 Gladstone South 7268 132 kV line	QLD	Protection and Control	No	Powerlink has advised AEMO that there was a fault on the CB at T152 South Gladstone which initiated the CB fail protection, disconnecting the busbar. Protection worked correctly, therefore AEMO did not reclassify the contingency.
04/01/2018 1619 hrs	Trip of the Tarong – Chinchilla No. 7168 132 kV Line at the Tarong end only	QLD	Protection and Control	Yes	Powerlink advised AEMO that lightning storms were in the vicinity of time of trip. Powerlink was unsure of the cause and AEMO reclassified the contingency as credible.
03/02/2018 1841 hrs	Trip of the Dysart– Moranbah tee Peak Downs 7124 132 kV line and Moranbah – Eagle Downs 7382 132 kV line at Moranbah end only.	QLD	Protection and Control	Yes	Powerlink advised that a fault on the Dysart– Moranbah tee Peak Downs 7124 132 kV line was cleared by normal protection operation. The Moranbah – Eagle Downs 7382 132 kV line did not suffer a fault but tripped due to a protection mal operation, therefore AEMO considered this event as credible. Powerlink rectified the protection setting and the reclassification was cancelled.
16/02/2018 2111 hrs	Trip of the H67 Calliope River – H8 Boyne Island 7145 132 kV line, H8 Boyne Island Potline No 3 and H7 Gladstone Unit 1	QLD	Transmission Equipment failure	Yes	The trip of the 7145 line was due to a credible fault caused by lightning while Boyne Island potline 3 tripped due to a second unrelated lightning strike. Gladstone unit 1 tripped due to a control system issue. The reclassification was cancelled once the issue with Gladstone unit 1 was resolved.
17/02/2018 1926 hrs	Trip of the Chalumbin No. 1 275 kV bus, Chalumbin – Woree No. 876 275 kV Line and Chalumbin – Woree No. 877 275 kV Line	QLD	Protection and Control	Yes	Powerlink advised AEMO that lightning storms were in the vicinity of time of trip. This caused an unexpected trip operation of the 876 line 'Y' protection. Powerlink rectified the protection setting and the reclassification was cancelled.
26/02/2018 1548 hrs	Trip of the Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV Lines	QLD	Protection and Control	Yes	Powerlink advised AEMO that lightning storms were in the vicinity of time of trip. AEMO reclassified the contingency.
03/03/2018 2240 hrs	Trip of the Collinsville North – Proserpine (7126) 132 kV Line at Collinsville North end only	QLD	Protection and Control	Yes	Powerlink has advised AEMO that a faulty Digital Instrument Transformer was identified as the cause, hence AEMO reclassified as credible. Powerlink isolated the Digital Instrument Transformer therefore AEMO cancelled the reclassification.

Date of contingency	Description	Region	Primary cause	Contingency then reclassified?	Comments
13/03/2018 0327 hrs	Trip of the Woree No. 1 132 kV bus	QLD	Protection and Control	No	Powerlink Woree No. 1 132 kV busbar trip was due to a secondary equipment relay fault on the X Busbar protection. Powerlink rectified the protection setting and the reclassification was cancelled.
04/04/2018 0830 hrs	Trip of the H6 Gin Gin – H67 Calliope River No 814 275 kV line at the H6 Gin Gin end only	QLD	Transmission Equipment failure	No	Powerlink advised this event was caused by a failure of the motorised isolator. The failed motorised isolator was isolated and the event was unlikely to reoccur.
08/01/2018 1015 hrs	Trip of the Torrens Island B to Cherry Gardens 275 kV line at the Torrens Island B end only	SA	Protection and Control	No	Electranet advised that the line tripped due to human error during secondary systems work. Electranet advised that the cause of the outage had been identified and was unlikely to reoccur.
17/01/2018 0940 hrs	Trip of the Davenport – Brinkworth 275 kV Line	SA	Protection and Control	No	Electranet advised that the line tripped due to human error during secondary systems work. Electranet advised that the cause of the outage had been identified and was unlikely to reoccur.
10/03/2018 0623 hrs	Trip of the Hummocks – Ardrossan West line. At the same time the Robertstown – MW4 line opened at the Robertstown end only.	SA	Protection and Control	Yes	AEMO initially reclassified the trip of the Ardrossan West – Hummocks 132 kV Line + Robertstown – Waterloo East 132 kV Line as a credible contingency as there was insufficient evidence to confirm the event would not reoccur. AEMO revised the reclassification later on 10/03/2018 to declare the trip of the Robertstown – Waterloo East 132 kV Line + any power system fault as a credible contingency. This was based on advice from the TNSP due to faulty protection at Robertstown. AEMO cancelled the reclassification on 12/03/2018 following confirmation from the TNSP that the faulty protection issue was resolved and the non-credible contingency event unlikely to reoccur.
18/03/2018 0805 hrs	Trip of Waterloo East – Waterloo and the Waterloo – Templers 132 kV Lines	SA	Protection and Control	No	Electranet advised that the Waterloo – Templers line trip was due to an intertrip signal sent from Waterloo CB fail protection when attempting to clear a fault on the Waterloo East – Waterloo line. Electranet isolated the CB pending further investigation therefore AEMO did not reclassify the contingency.
26/04/2018 1114 hrs	Trip of South East Substation to Taillem Bend Substation No. 1 275 kV Line and the South East Substation No. 1 SVC	SA	Protection and Control	No	ElectraNet advice is that no primary equipment fault has been identified. Suspected protection issue associated with South East to Taillem Bend No.1 275 kV line shunt reactor at South East Substation and the CB fail protection on 275 kV CB. The shunt reactor and CB remained out of service for further investigation. AEMO did not reclassify this event as a credible contingency event as the suspect equipment remained out of service. The faulty equipment was later replaced and returned to service.

Date of contingency	Description	Region	Primary cause	Contingency then reclassified?	Comments
27/04/2018 1836 hrs	Trip of South East Substation to Tailem Bend Substation No.1 275 kV Line and the South East Substation No.1 SVC	SA	Protection and Control	No	ElectraNet advised the "same" event on the previous day (26/04/2018) identified problems with the South East to Tailem Bend No.1 275 kV line shunt reactor and then the Coupler CB failed to open. This plant was isolated and the line and SVC returned to service with the understanding the problem had been identified and isolated and no requirement for reclassification. AEMO did not reclassify this event as a credible contingency event as the suspect equipment remained out of service. The faulty equipment was later replaced and returned to service.
28/02/2018 1443 hrs	Trip of the Tungatimah – New Norfolk tee Meadowbank No. 1 and No. 2 110 kV Lines	TAS	Protection and Control	Yes	TasNetworks advised AEMO that lightning storms were in the vicinity of time of trip. AEMO reclassified the contingency.
15/03/2018 1548 hrs	Trip of the Poatina – Palmerston No 1 and 2 110 kV lines	TAS	Operating Error	No	TasNetworks advised AEMO the lines was inadvertently tripped while performing planned maintenance on the protection. TasNetworks advised it was unlikely to reoccur.
18/01/2018 1519 hrs	Trip of the Rowville No. 2 500 kV Busbar, Rowville No. 2 500/220 kV Transformer and Rowville – South Morang No. 3 500 kV line at South Morang end only	VIC	Protection and Control	Yes	Ausnet identified the cause of the trip was an incorrect Y protection setting on the Rowville – South Morang No. 3 500 kV line at the South Morang end. Ausnet rectified the protection setting and the reclassification was cancelled.
31/01/2018 1530 hrs	Trip of the South Morang – Sydenham No. 1 and No. 2 500 kV lines	VIC	Operating Error	No	AusNet advised that the lines tripped due to human error during secondary systems investigations. AusNet advised that the cause of the outage had been identified and was unlikely to reoccur
26/03/2018 2107 hrs	Trip of the Moorabool – Sydenham No 1 500 kV Line at Sydenham end only	VIC	Operating Error	Yes	Based on advice from AusNet, AEMO were not satisfied that the event was unlikely to reoccur. On 04/07/2018, AusNet confirmed that the cause was due to human error incident.
17/03/2018 1248 hrs	Trip of Loy Yang A4 and Pelican Point GT11 and ST18	VIC & SA	Protection and Control	Yes	Pelican Point GT11 and ST18 tripped 38 seconds after Loy Yang tripped. AEMO reclassified the trip of Pelican Point GT11 and ST18 simultaneous with the trip of any other generating unit as credible on 22/06/2018 (when the unit returned from its outage) as insufficient information was provided to confirm it would not reoccur for a similar power system event. AEMO later cancelled the reclassification once the unit proved the fault ride through issue was resolved.

Date of contingency	Description	Region	Primary cause	Contingency then reclassified?	Comments
23/04/2018 1555 hrs	Trip of Loy Yang A3 and Pelican Point GT12 and ST18	VIC & SA	Protection and Control	Yes	Pelican Point GT12 and ST18 tripped after Loy Yang tripped. AEMO reclassified the trip of Pelican Point GT12 and ST18 simultaneous with the trip of any other generating unit as credible on 23/05/2018 (when the unit returned from its outage) as insufficient information was provided to confirm it would not reoccur for a similar power system event. AEMO later cancelled the reclassification once the unit proved the fault ride through issue was resolved.

# A4. Market impact of reclassification constraints, 1 November 2017 to 30 April 2018

**Table 6** Reclassification constraints that bound 1 November 2017 to 30 April 2018

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of Dispatch Intervals binding
24/11/2017 1320 hrs	24/11/2017 1750 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T>T_FASH_3_N-2	52
02/02/2018 1500 hrs	02/02/2018 1635 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_TG_R6_1	18
			T>T_FASH_1_N-2	28
10/02/2018 1550 hrs	10/02/2018 1755 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_TG_R60	24
			F_T+FASH_N-2_TG_R6_1	20
			F_T+FASH_N-2_TG_R5	10
24/02/2018 0710 hrs	24/02/2018 07:20 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T>T_FASH_3_N-2	2
24/02/2018 0755 hrs	24/02/2018 0810 hrs	Farrell – Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R60	2
			F_T+FARE_N-2_TG_R6_1	1
			F_T+FARE_N-2_TG_R5	1
			F_T++FARE_N-2_TG_R60	1
18/03/2018 0015 hrs	18/03/2018 01:30 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_RREG	24
			F_T+FASH_N-2_TG_R6_1	1
24/03/2018 0505 hrs	24/03/2018 0830 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_RREG	82
			F_T+FASH_N-2_TG_R6_1	35
			F_T+FASH_N-2_TG_R60	30
			F_T+FASH_N-2_TG_R5	29
25/03/2018 0520 hrs	25/03/2018 0755 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_RREG	62
			F_T+FASH_N-2_TG_R6_1	3
10/04/2018 1430 hrs	10/04/2018 1830 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_TG_R6_1	38



Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of Dispatch Intervals binding
			F_T+FASH_N-2_RREG	2
13/04/2018 2310 hrs	13/04/2018 2350 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T>T_FASH_1_N-2 8	8
13/04/2018 2325 hrs	13/04/2018 2335 hrs	Farrell – Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R6_1	2
14/04/2018 1145 hrs	14/04/2018 1230 hrs	Farrell – Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R6_1	1
			F_T+FARE_N-2_TG_R5	8
14/04/2018 2210 hrs	23/09/2017 1745 hrs	Farrell – Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R5	12
			F_T+FARE_N-2_TG_R60	4
15/04/2018 0440 hrs	15/04/2018 0540 hrs	Farrell – Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R5	9
			F_T+FARE_N-2_TG_R6_1	12
24/04/2018 1510 hrs	24/04/2018 1550 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_TG_R60	2
			F_T+FASH_N-2_TG_R6_1	2
			T>T_FASH_1_N-2	8
			F_T+FASH_N-2_TG_R5	2