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# Review of Power System Reclassification Events 1 November 2019 to 30 April 2020

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**July 2020**

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 2019 to 30 April 2020 in accordance with clause 4.2.3A(i) of the National Electricity Rules.

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# 1. Introduction

This report sets out AEMO's reasons for decisions to reclassify *non-credible contingency events* as *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 report on reclassification decisions every six months. This report covers the period from 1 November 2019 to 30 April 2020 (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 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

There was a total of 820 reclassification events in this reporting period, compared to 646 reclassification events during the previous summer reporting period (1 November 2018 to 30 April 2019).

All reclassifications in this reporting period were appropriately determined in accordance with the reclassification criteria in AEMO's Power System Security Guidelines SO\_OP\_3715<sup>1</sup>, for bushfires, lightning, severe weather, or other reasons.

AEMO notified *Market Participants*, via Market Notices (MNs)<sup>2</sup>, of the reasons for reclassifying each of these *non-credible contingency events*.

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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> Market Notices are issued through the Market Management System. They are updated in real time by AEMO to notify market participants of events that have an impact on the market. Market Notices are also published on AEMO's website at <https://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Market-notice-and-events>.

# 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> following the loss of a single major *transmission* or *generation* element. 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.

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

- Three phase electrical faults.
- 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*.

AEMO is not required to operate the *power system* with the capability to remain in a *satisfactory operating state* following *non-credible contingency events* (other than any *protected events*), as the likelihood of their occurrence is low.

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

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

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

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

# 4. Reclassification criteria

AEMO has developed criteria for determining whether 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<sup>6</sup>. The reclassification criteria apply to:

- Bushfires.
- Lightning.
- Severe weather (this was previously part of "Other events", and was added as a separate category for reclassifications commencing from this reporting period. The majority of "Severe weather" reclassifications were due to the weather warnings from the Bureau of Meteorology [BoM]. These warnings covered weather events like high winds or cyclone).
- Occurrence of a *non-credible contingency event*.
- Other events (this includes events that do not fall into the other categories; for example, events with the potential to impact multiple generating units, vulnerable transmission elements due to a planned outage nearby, or pollution impacting transmission line insulators).

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

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<sup>6</sup> AEMO published a new version of Power System Security Guidelines SO\_OP\_3715 on 23 September 2019, which introduced two new reclassification criteria, *severe weather conditions* and *non-credible contingency event*.

# 5. Reclassification events, 1 November 2019 to 30 April 2020

AEMO reclassified 820 events during the reporting period, up by 174 from the same period in 2018/2019. Table 1 summarises these events.

Refer to Appendix A1 for a complete list of events.

**Table 1**      **Reclassification events for period 1 November 2019 to 30 April 2020**

Criteria	Number of reclassification events	Incidence of contingency occurring during reclassification
Bushfires	32	6
Lightning	776	0
Severe weather	11	0
Other <sup>A</sup>	1	0
Total for period	820	6

A. This includes any reclassifications due to occurrence of *non-credible contingency events* or other reasons.

AEMO reclassified all bushfire and lightning events in accordance with the reclassification criteria specified in Section 8.3 and Section 8.4 of SO\_OP\_3715 respectively.

There were 12 events reclassified under the 'severe weather' and 'other' criteria according to Sections 8.5, 8.6, and 8.7 of SO\_OP\_3715. Most of these were reclassified due to either:

- Forecast abnormal weather conditions (such as severe weather warnings due to high wind or cyclones), or
- Occurrence of a *non-credible contingency event* following which AEMO considered there was a reasonable possibility of reoccurrence.

There were six instances of events occurring while reclassified as credible, all of which had been reclassified due to bushfire conditions.

Figure 1 shows the number of reclassification events per region for the reporting period, and Figure 2 shows the historical trend of reclassification events by event criteria.

The total number of reclassification events in this reporting period was higher than the historical summer period average (since 2009).

The number of reclassified transmission elements increased in this reporting period compared to the previous reporting period (1 May 2019 to 31 October 2019) from 34 to 49. It was the same compared to the last summer period (1 November 2018 to 30 April 2019).

The number of reclassifications increased by 27% overall from 646 in the previous summer, to 820 this reporting period. The largest increase compared to the previous summer was observed for reclassifications due to lightning, which increased from 610 to 776.

Queensland experienced the largest increase in reclassifications compared to last summer period (320 to 544). The Ross to Chalumbin 857 and 858 275 kilovolt (kV) transmission lines in Queensland were reclassified 62 times due to lightning last summer period and were reclassified 100 times during this reporting period.

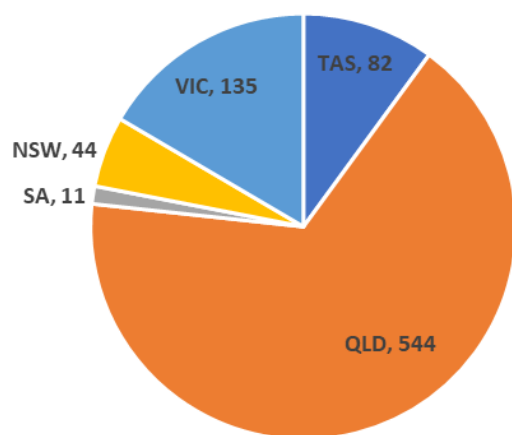


Elements in Tasmania which have been prone to reclassifications historically decreased during this reporting period compared to the previous summer period. Most notably, reclassification of the Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line decreased by 11. These lines remain on the list of Vulnerable Transmission Lines in the current version of SO\_OP\_3715.

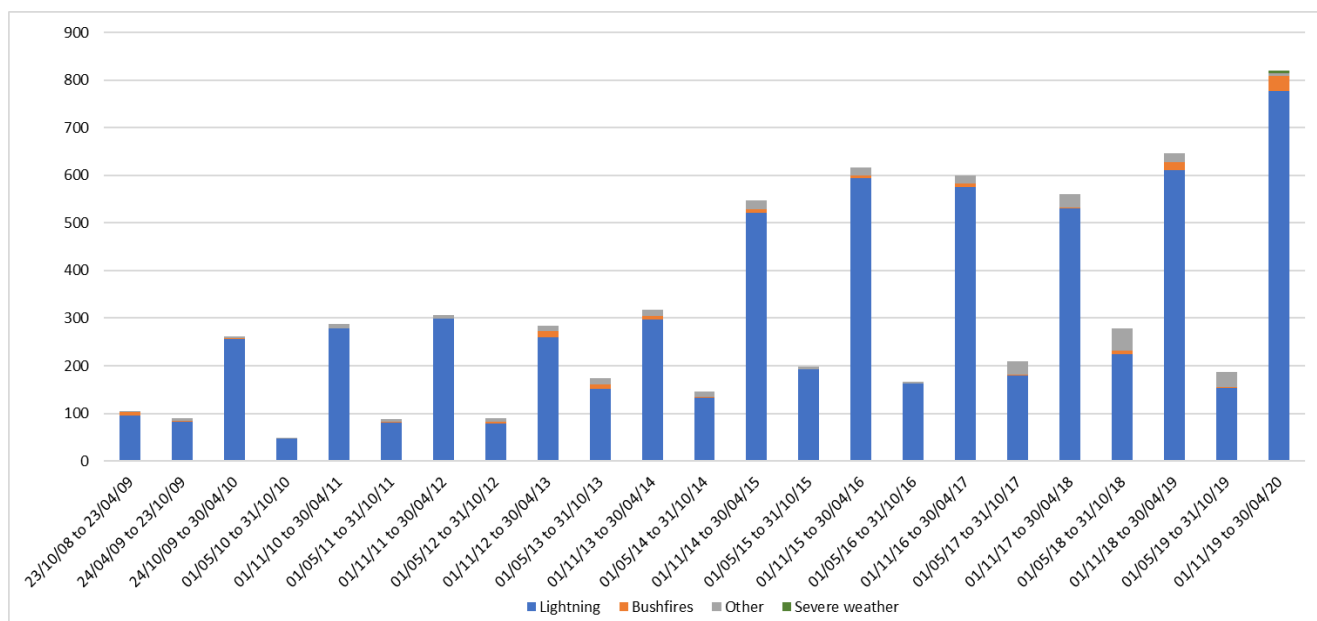
Reclassifications due to bushfires increased by 14 compared to the previous summer period. Particularly in New South Wales, the number of reclassifications due to bushfires increased from six to 28 compared to the previous summer. The number of reclassifications due to bushfires was the highest on record since the review process of reclassifications commenced in 2009.

There were 11 instances of events reclassified due to “Severe weather”. Reclassifications due to “Other events” decreased by six compared to the previous summer period. This was largely because “Severe weather” was previously considered within the “Other events” category.

**Figure 1      Reclassifications per region, 1 Nov 2019 to 30 Apr 2020**



**Figure 2      Historical reclassification events, 2009-20**



Note: Figure 2 does not include “Severe weather” for all the previous reclassification periods. This new category of “Severe Weather” is only included from this report covering 1 November 2019 to 30 April 2020.

Appendix A2 lists all the reclassified elements and the number of times they were reclassified during the period 1 November 2019 to 30 April 2020.

# 6. Non-credible contingency events, 1 November 2019 to 30 April 2020

During the reporting period, 33 *non-credible contingency events* occurred. By the end of this reporting period, AEMO reclassified 10 of these events as *credible contingency events*, after assessing there was a risk of the event reoccurring.

Note that the following reclassification events cancelled within this reporting period were initially reclassified before the period, so are not listed in Appendix A1:

- Trip of either of the South East 275/132 kV transformers and its associated static var compensator (SVC), cancelled on 31 December 2019.
- Trip of Strathmore No. 1 275 kV SVC plus any 132 kV line near Strathmore, cancelled on 5 November 2019.

Appendix A3 lists all *non-credible contingency events* that occurred during the reporting period, and AEMO's assessment of 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.

The following four non-credible contingency events that occurred in the reporting period remain reclassified at the time of publishing this report:

- Trip of Nebo – Wotonga 7118 132 kV line and Wotonga No. 1 SVC, reclassified on 17 January 2020.
- Trip of Lismore – Mullumbimby Tee Dunoon 9U6 and 9U7 132 kV lines, reclassified on 25 January 2020.
- Trip of Brinkworth h– Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines, reclassified on 30 April 2020.
- Trip of Para – Templers West and Magill – Torrens Island A 275 kV lines, reclassified on 30 April 2020.

The transmission elements that were reclassified prior to the reporting period and remained reclassified at the end of the reporting period are not included in this report.

## 6.1 New South Wales and Victoria separation event

On 4 January 2020, multiple transmission lines in southern New South Wales tripped, resulting in the separation of the Victoria and New South Wales regions. The incident also resulted in disconnection of 34 MW of generation and 43 MW of load, and a reduction of 2,267 MW of generation availability. AEMO's preliminary report<sup>7</sup> found that major bushfires in this area played a significant role in this event and contributing network conditions. AEMO declared a lack of reserve level 2 (LOR2) condition in New South Wales and Reliability and Emergency Reserve Trader (RERT) services were activated or made ready.

There had been significant bushfire activity for several days in southern New South Wales and eastern Victoria prior to 4 January 2020. Because of this, AEMO had already reclassified the simultaneous loss of the two 330

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<sup>7</sup> AEMO, Preliminary Report - New South Wales and Victoria Separation Event on 4 January 2020, available at [https://aemo.com.au/-/media/files/electricity/nem/market\\_notices\\_and\\_events/power\\_system\\_incident\\_reports/2020/preliminary-report-nsw-and-victoria-separation-event-4-jan-2020.pdf?la=en](https://aemo.com.au/-/media/files/electricity/nem/market_notices_and_events/power_system_incident_reports/2020/preliminary-report-nsw-and-victoria-separation-event-4-jan-2020.pdf?la=en).

kilovolt (kV) transmission circuits between the Murray Power Station, and Upper Tumut and Lower Tumut Switching Stations as a credible contingency. The incident remains under investigation by AEMO.

## 6.2 Victoria and South Australia separation events

On 16 November, two 500 kV transmission lines in Victoria were disconnected simultaneously due to spurious signals from telecommunications equipment that caused the maloperation of protection equipment on both circuits. This non-credible contingency event resulted in the disconnection of the South Australia region from the rest of the National Electricity Market (NEM) for nearly five hours, and electrical supply to the Alcoa Portland (APD) aluminium smelter in Victoria for nearly three hours. AEMO did not reclassify this event as credible since the cause had been identified and the faulty equipment had been isolated. The incident remains under investigation by AEMO.

On 31 January 2020, both the Moorabool – Mortlake and the Moorabool – Haunted Gully – Tarrone 500 kV transmission lines tripped, resulting in the separation of the Victoria and South Australia regions.

Immediately after the incident, the Mortlake Power Station (MOPS) generating units and the Alcoa Portland (APD) aluminium smelter remained connected to the South Australia region but disconnected from the rest of Victoria. At the same time, both potlines at APD tripped resulting in the loss of around 450 megawatts (MW) of load.

The Moorabool – Haunted Gully line was restored using temporary towers on 17 February 2020 and the Moorabool – Mortlake line was restored on 3 March 2020.

Analysis provided by the BoM suggests a severe convective downburst occurred in the location of the damaged transmission towers during thunderstorm activity. This event was considered a non-credible contingency event and AEMO did not reclassify this event as credible because the two circuits remained out of service until temporary circuits were commissioned.

The published incident report<sup>8</sup> provides more details related to this event.

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<sup>8</sup> AEMO, Preliminary Report – Victoria and South Australia Separation Event, 31 January 2020, available at [https://aemo.com.au/-/media/files/electricity/nem/market\\_notices\\_and\\_events/power\\_system\\_incident\\_reports/2020/preliminary-report-31-jan-2020.pdf?la=en](https://aemo.com.au/-/media/files/electricity/nem/market_notices_and_events/power_system_incident_reports/2020/preliminary-report-31-jan-2020.pdf?la=en).

# 7. Reclassification constraints

When AEMO reclassifies an event, it seeks to operate the *power system* so it stays in a *satisfactory operating state* should the (now) *credible contingency event* occur. AEMO typically invokes constraint equations to manage the *power system* accordingly while an event is reclassified.

Appendix A4 lists the binding constraint equations during reclassification events over the reporting period.

There were 19 reclassified events that resulted in binding constraint equations. This means that, in the 801 other instances, the reclassification constraint did not affect dispatch outcomes.

# 8. Conclusion

AEMO concludes that, during the reporting period 1 November 2019 to 30 April 2020:

1. AEMO's reclassification decisions were appropriate and consistent with the reclassification criteria.
2. AEMO notified Market Participants of the reasons for reclassifying non-credible contingency events.
3. The total number of reclassification events in the NEM was higher than for last summer period, and also higher than the historical summer period average.

# A1. Reclassification events, 1 November 2019 to 30 April 2020

- **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 and is used to provide detection and location of cloud to ground lightning strikes across the National Electricity Market (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 reclassification events highlighted in blue below were reclassified after a non-credible contingency event occurred. Further details on the reclassifications highlighted blue can be found in Appendix A3.

**Table 2    Reclassification events 1 November 2019 to 30 April 2020**

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
70869	01/11/2019 1540 hrs	01/11/2019 2135 hrs	70879	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM
70870	01/11/2019 1540 hrs	01/11/2019 2135 hrs	70878	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM
70871	01/11/2019 1620 hrs	01/11/2019 1725 hrs	70872	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
70873	01/11/2019 1800 hrs	01/11/2019 1935 hrs	70875	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
70874	01/11/2019 1805 hrs	01/11/2019 1935 hrs	70876	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
70877	01/11/2019 1945 hrs	01/11/2019 2145 hrs	70880	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
70882	02/11/2019 0025 hrs	02/11/2019 0130 hrs	70883	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
70884	02/11/2019 1110 hrs	02/11/2019 1210 hrs	70885	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
70892	03/11/2019 0700 hrs	03/11/2019 0800 hrs	70894	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
70893	03/11/2019 0720 hrs	03/11/2019 0820 hrs	70895	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
70896	03/11/2019 0855 hrs	03/11/2019 1200 hrs	70898	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
70897	03/11/2019 0905 hrs	03/11/2019 1205 hrs	70899	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
70900	03/11/2019 1330 hrs	03/11/2019 1430 hrs	70904	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
70908	03/11/2019 1535 hrs	03/11/2019 1640 hrs	70913	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
70909	03/11/2019 1540 hrs	03/11/2019 1940 hrs	70915	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
70914	03/11/2019 1840 hrs	03/11/2019 1945 hrs	70916	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
70924	04/11/2019 2000 hrs	04/11/2019 2100 hrs	70925	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
70931	05/11/2019 0915 hrs	05/11/2019 1035 hrs	70932	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
70960	06/11/2019 1455 hrs	06/11/2019 1755 hrs	70972	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
70962	06/11/2019 1535 hrs	06/11/2019 2100 hrs	70983	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
70963	06/11/2019 1620 hrs	06/11/2019 1720 hrs	70966	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
70964	06/11/2019 1620 hrs	06/11/2019 1720 hrs	70967	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
70965	06/11/2019 1640 hrs	06/11/2019 1725 hrs	70969	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
70968	06/11/2019 1725 hrs	06/11/2019 1925 hrs	70978	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
70970	06/11/2019 1740 hrs	06/11/2019 2245 hrs	70986	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
70971	06/11/2019 1740 hrs	06/11/2019 2240 hrs	70985	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM
70973	06/11/2019 1805 hrs	06/11/2019 1905 hrs	70976	Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line	TAS	Lightning	INDJI
70974	06/11/2019 1810 hrs	06/11/2019 2100 hrs	70981	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
70975	06/11/2019 1900 hrs	06/11/2019 2100 hrs	70982	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
70977	06/11/2019 1920 hrs	06/11/2019 2050 hrs	70980	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
70984	06/11/2019 2140 hrs	06/11/2019 2340 hrs	70988	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
70987	06/11/2019 2250 hrs	06/11/2019 2350 hrs	70989	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
70992	07/11/2019 0305 hrs	07/11/2019 0505 hrs	70993	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
70997	07/11/2019 0725 hrs	07/11/2019 0825 hrs	70999	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
70996	07/11/2019 0730 hrs	07/11/2019 0825 hrs	71000	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
70998	07/11/2019 0740 hrs	07/11/2019 1040 hrs	71006	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71001	07/11/2019 0830 hrs	07/11/2019 1030 hrs	71005	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71002	07/11/2019 0830 hrs	07/11/2019 1030 hrs	71004	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
71007	07/11/2019 1125 hrs	07/11/2019 1325 hrs	71011	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
71013	07/11/2019 1405 hrs	07/11/2019 1500 hrs	71016	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71014	07/11/2019 1405 hrs	07/11/2019 1500 hrs	71018	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI



Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
71015	07/11/2019 1405 hrs	07/11/2019 1500 hrs	71017	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71019	07/11/2019 1535 hrs	07/11/2019 1840 hrs	71021	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire WF 8E 330 kV line	NSW	Bushfires	INDJI
71024	08/11/2019 0905 hrs	15/11/2019 1440 hrs	71174	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire WF 8E 330 kV line	NSW	Bushfires	INDJI
71029	08/11/2019 1350 hrs	08/11/2019 1655 hrs	71054	Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line	TAS	Lightning	INDJI
71030	08/11/2019 1355 hrs	08/11/2019 1455 hrs	71038	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71056	08/11/2019 1730 hrs	08/11/2019 1835 hrs	71058	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71097	12/11/2019 1605 hrs	21/11/2019 1045 hrs	71312	Bayswater – Regentville 31 330 kV line and Bayswater – Sydney West 32 330 kV lines	NSW	Bushfires	INDJI
71126	12/11/2019 1840 hrs	12/11/2019 1940 hrs	71127	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71158	14/11/2019 2025 hrs	14/11/2019 2225 hrs	71164	Moranbah – Goonyella No. 7370 132 kV line and Moranbah – Goonyella No. 7369 132 kV line	QLD	Lightning	INDJI
71160	14/11/2019 2055 hrs	14/11/2019 2155 hrs	71163	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
71177	15/11/2019 1605 hrs	21/11/2019 1045 hrs	71311	Eraring – Kemps Creek 5A1 and 5A2 500 kV lines	NSW	Bushfires	INDJI
71185	16/11/2019 1315 hrs	16/11/2019 1615 hrs	71190	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
71193	16/11/2019 1615 hrs	16/11/2019 1945 hrs	71229	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
71206	16/11/2019 1900 hrs	16/11/2019 2000 hrs	71236	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
71285	19/11/2019 0905 hrs	19/11/2019 1515 hrs	71289	Armidale – Koolkhan 996 132 kV line and Armidale – Coffs Harbour 96C 132 kV line	NSW	Bushfires	INDJI
71293	19/11/2019 1735 hrs	27/11/2019 1000 hrs	71414	Coffs – Lismore (89) 330 kV line and Koolkhan – Lismore (967) 132 kV line	NSW	Bushfires	INDJI
71315	21/11/2019 1335 hrs	21/11/2019 2245 hrs	71330	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
71314	21/11/2019 1345 hrs	21/11/2019 1355 hrs	71316	Bendigo – Kerang 220 kV line	VIC	Lightning	INDJI
71317	21/11/2019 1400 hrs	21/11/2019 2000 hrs	71326	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
71318	21/11/2019 1445 hrs	21/11/2019 2050 hrs	71327	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
71319	21/11/2019 1530 hrs	24/11/2019 1000 hrs	71351	Armidale – Koolkan 996 132 kV line and Armidale – Coffs Harbour 96C 132 kV line	NSW	Bushfires	INDJI
71328	21/11/2019 2125 hrs	21/11/2019 2325 hrs	71331	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
71332	22/11/2019 1320 hrs	22/11/2019 1915 hrs	71338	Bayswater – Regentville 31 330 kV line and Bayswater – Sydney West 32 330 kV lines	NSW	Bushfires	INDJI
71347	23/11/2019 1650 hrs	23/11/2019 1855 hrs	71348	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71349	23/11/2019 1910 hrs	24/11/2019 0110 hrs	71350	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71352	24/11/2019 1315 hrs	24/11/2019 2250 hrs	71363	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71365	25/11/2019 1220 hrs	25/11/2019 1330 hrs	71366	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71371	25/11/2019 1700 hrs	25/11/2019 1805 hrs	71372	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71387	26/11/2019 0240 hrs	26/11/2019 0345 hrs	71390	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71388	26/11/2019 0245 hrs	26/11/2019 0350 hrs	71391	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
71389	26/11/2019 0315 hrs	26/11/2019 0515 hrs	71396	Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line	TAS	Lightning	INDJI
71392	26/11/2019 0355 hrs	26/11/2019 0455 hrs	71395	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71393	26/11/2019 0405 hrs	26/11/2019 1110 hrs	71401	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
71394	26/11/2019 0445 hrs	26/11/2019 1050 hrs	71400	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
71403	26/11/2019 1300 hrs	26/11/2019 1505 hrs	71407	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
71404	26/11/2019 1320 hrs	26/11/2019 1420 hrs	71406	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
71405	26/11/2019 1330 hrs	27/11/2019 1000 hrs	71415	Vineyard – Eraring 25 330 kV line and Munmorah – Sydney West 26 330 kV line	NSW	Bushfires	INDJI
71410	26/11/2019 1715 hrs	26/11/2019 2220 hrs	71412	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71420	28/11/2019 0835 hrs	03/12/2019 0530 hrs	71527	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Bushfires	INDJI
71422	28/11/2019 2010 hrs	28/11/2019 2350 hrs	71423	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71424	29/11/2019 0230 hrs	29/11/2019 0330 hrs	71425	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71433	29/11/2019 1630 hrs	29/11/2019 1930 hrs	71434	Bulli Creek – Dumaresq 8L and 8M 330 kV line	NSW/QLD	Lightning	INDJI
71435	30/11/2019 1300 hrs	30/11/2019 1400 hrs	71439	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
71436	30/11/2019 1300 hrs	30/11/2019 1400 hrs	71440	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71443	30/11/2019 1450 hrs	30/11/2019 1550 hrs	71445	Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line	TAS	Lightning	INDJI
71444	30/11/2019 1550 hrs	30/11/2019 2040 hrs	71451	Bulli Creek – Dumaresq 8L and 8M 330 kV line	NSW/QLD	Lightning	INDJI
71446	30/11/2019 1625 hrs	30/11/2019 1830 hrs	71449	Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line	TAS	Lightning	INDJI
71453	01/12/2019 0045 hrs	01/12/2019 0150 hrs	71455	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
71471	01/12/2019 1540 hrs	01/12/2019 1645 hrs	71472	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71473	01/12/2019 1715 hrs	01/12/2019 1915 hrs	71478	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
71474	01/12/2019 1715 hrs	01/12/2019 1915 hrs	71479	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71477	01/12/2019 1915 hrs	01/12/2019 2055 hrs	71480	Bulli Creek – Dumaresq 8L and 8M 330 kV line	NSW/QLD	Lightning	INDJI
71483	01/12/2019 2115 hrs	02/12/2019 0020 hrs	71489	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
71481	01/12/2019 2115 hrs	01/12/2019 2245 hrs	71488	Bulli Creek – Dumaresq 8L and 8M 330 kV line	NSW/QLD	Lightning	INDJI
71482	01/12/2019 2115 hrs	01/12/2019 2215 hrs	71485	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
71484	01/12/2019 2125 hrs	01/12/2019 2230 hrs	71487	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71486	01/12/2019 2225 hrs	02/12/2019 0025 hrs	71490	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
71493	02/12/2019 1105 hrs	02/12/2019 1355 hrs	71496	Coffs – Lismore (89) 330 kV line and Koolkhan – Lismore (967) 132 kV line	NSW	Bushfires	INDJI
71530	03/12/2019 0840 hrs	15/12/2019 1005 hrs	71835	Vineyard – Eraring 25 330 kV line and Munmorah – Sydney West 26 330 kV line	NSW	Bushfires	INDJI
71598	03/12/2019 1530 hrs	19/12/2019 2315 hrs	71903	Eraring – Kemps Creek 5A1 and 5A2 500 kV lines	NSW	Bushfires	INDJI
71599	03/12/2019 1550 hrs	03/12/2019 1650 hrs	71600	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
71613	03/12/2019 1740 hrs	03/12/2019 1840 hrs	71624	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
71627	04/12/2019 1010 hrs	21/12/2019 0825 hrs	71976	Bayswater – Regentville 31 330 kV line and Bayswater – Sydney West 32 330 kV lines	NSW	Bushfires	INDJI
71668	06/12/2019 1140 hrs	09/12/2019 1320 hrs	71735	Sydney South – Wallerawang 76 330 kV line and Ingleburn – Wallerawang 77 330 kV line	NSW	Bushfires	INDJI
71707	06/12/2019 1340 hrs	06/12/2019 1440 hrs	71709	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
71673	06/12/2019 1600 hrs	06/12/2019 1700 hrs	71678	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
71680	06/12/2019 1705 hrs	07/12/2019 0150 hrs	71704	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
71681	06/12/2019 1755 hrs	06/12/2019 1900 hrs	71688	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
71682	06/12/2019 1755 hrs	06/12/2019 1900 hrs	71689	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
71683	06/12/2019 1755 hrs	06/12/2019 1900 hrs	71687	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INDJI
71684	06/12/2019 1755 hrs	06/12/2019 1900 hrs	71690	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
71691	06/12/2019 1915 hrs	06/12/2019 0020 hrs	71702	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
71692	06/12/2019 1930 hrs	06/12/2019 2235 hrs	71700	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
71693	06/12/2019 1955 hrs	06/12/2019 2230 hrs	71699	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
71694	06/12/2019 2020 hrs	06/12/2019 2225 hrs	71697	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
71696	06/12/2019 2145 hrs	06/12/2019 2350 hrs	71701	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	INDJI
71703	07/12/2019 0030 hrs	07/12/2019 1440 hrs	71709	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
71717	07/12/2019 1630 hrs	07/12/2019 1835 hrs	71721	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
71718	07/12/2019 1630 hrs	07/12/2019 1735 hrs	71720	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
71722	07/12/2019 1915 hrs	07/12/2019 2120 hrs	71723	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
71751	09/12/2019 1715 hrs	09/12/2019 2020 hrs	71752	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71756	10/12/2019 0855 hrs	22/12/2019 1300 hrs	72008	Sydney South – Wallerawang 76 330 kV line and Ingleburn – Wallerawang 77 330 kV line	NSW	Bushfires	INDJI
71755	10/12/2019 0855 hrs	14/12/2019 0900 hrs	71811	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Bushfires	INDJI
71758	10/12/2019 1445 hrs	10/12/2019 1950 hrs	71762	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71763	11/12/2019 0235 hrs	11/12/2019 0835 hrs	71764	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71768	11/12/2019 1500 hrs	11/12/2019 2130 hrs	71775	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71776	11/12/2019 2335 hrs	12/12/2019 0035 hrs	71777	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71790	13/12/2019 1330 hrs	13/12/2019 2000 hrs	71808	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71792	13/12/2019 1620 hrs	14/12/2019 1720 hrs	71822	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
71807	13/12/2019 1940 hrs	13/12/2019 2040 hrs	71809	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
71820	14/12/2019 1645 hrs	14/12/2019 2210 hrs	71828	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
71821	14/12/2019 1710 hrs	15/12/2019 0035 hrs	71830	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
71823	14/12/2019 1720 hrs	15/12/2019 0055 hrs	71833	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
71824	14/12/2019 1825 hrs	15/12/2019 0055 hrs	71832	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
71825	14/12/2019 1905 hrs	15/12/2019 0035 hrs	71831	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
71829	15/12/2019 0030 hrs	15/12/2019 0135 hrs	71834	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
71836	15/12/2019 1305 hrs	15/12/2019 2125 hrs	71849	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
71838	15/12/2019 1450 hrs	15/12/2019 2130 hrs	71850	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
71839	15/12/2019 1545 hrs	15/12/2019 1955 hrs	71847	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
71843	15/12/2019 1715 hrs	15/12/2019 1950 hrs	71845	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
71844	15/12/2019 1740 hrs	15/01/2020 1950 hrs	71846	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
71848	15/12/2019 2010 hrs	15/12/2019 2130 hrs	71851	Collinsville North–Clare South Tee King Creek 7128 132 kV line and Strathmore–Clare South 7208 132 kV line	QLD	Lightning	INDJI
71858	16/12/2019 1715 hrs	16/12/2019 1815 hrs	71859	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
71904	19/12/2019 2315 hrs	25/12/2019 1105 hrs	72021	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Bushfires	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
71953	20/12/2019 2040 hrs	20/12/2019 2300 hrs	71962	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71955	20/12/2019 2120 hrs	20/12/2019 2225 hrs	71961	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
71958	20/12/2019 2130 hrs	20/12/2019 2320 hrs	71963	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71967	21/12/2019 0040 hrs	21/12/2019 0240 hrs	71974	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
71966	21/12/2019 0040 hrs	21/12/2019 0130 hrs	71970	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
71969	21/12/2019 0130 hrs	21/12/2019 0230 hrs	71972	Norwood–Scottsdale–Derby 110 kV line and Norwood–Scottsdale 110 kV line	TAS	Lightning	INDJI
71971	21/12/2019 0130 hrs	21/12/2019 0230 hrs	71973	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
71989	21/12/2019 1415 hrs	12/01/2020 1040 hrs	72487	Bayswater – Regentville 31 330 kV line and Bayswater – Sydney West 32 330 kV lines	NSW	Bushfires	INDJI
71991	21/12/2019 1655 hrs	07/01/2020 1315 hrs	72394	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Bushfires	INDJI
72002	22/12/2019 0050 hrs	22/12/2019 0150 hrs	72003	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72010	22/12/2019 1830 hrs	22/12/2019 1935 hrs	72012	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72011	22/12/2019 1855 hrs	14/01/2020 1035 hrs	72525	Sydney South – Wallerawang 76 330 kV line and Ingleburn – Wallerawang 77 330 kV line	NSW	Bushfires	INDJI
72017	24/12/2019 1635 hrs	24/12/2019 1835 hrs	72018	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72019	24/12/2019 2310 hrs	25/12/2019 0015 hrs	72020	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72022	25/12/2019 1150 hrs	25/12/2019 1250 hrs	72024	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72025	25/12/2019 1500 hrs	25/12/2019 2000 hrs	72029	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72026	25/12/2019 1845 hrs	25/12/2019 2150 hrs	72035	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72027	25/12/2019 1845 hrs	25/12/2019 2050 hrs	72032	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72028	25/12/2019 1850 hrs	25/12/2019 2050 hrs	72033	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72031	25/12/2019 2045 hrs	26/12/2019 0045 hrs	72038	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72034	25/12/2019 2125 hrs	25/12/2019 2325 hrs	72036	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72037	26/12/2019 0030 hrs	26/12/2019 0130 hrs	72039	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72040	26/12/2019 0140 hrs	26/12/2019 0540 hrs	72042	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72041	26/12/2019 0150 hrs	26/12/2019 0650 hrs	72043	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72044	26/12/2019 0715 hrs	26/12/2019 1215 hrs	72048	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72046	26/12/2019 0930 hrs	26/12/2019 1130 hrs	72047	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72049	26/12/2019 1240 hrs	27/12/2019 0100 hrs	72079	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72050	26/12/2019 1240 hrs	26/12/2019 1340 hrs	72052	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72051	26/12/2019 1240 hrs	26/12/2019 1340 hrs	72053	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72056	26/12/2019 1355 hrs	27/12/2019 0055 hrs	72078	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72057	26/12/2019 1355 hrs	26/12/2019 1755 hrs	72067	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72054	26/12/2019 1355 hrs	26/12/2019 1655 hrs	72064	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI



Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72055	26/12/2019 1355 hrs	26/12/2019 1655 hrs	72063	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72065	26/12/2019 1730 hrs	26/12/2019 2005 hrs	72072	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72066	26/12/2019 1730 hrs	26/12/2019 2000 hrs	72070	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72068	26/12/2019 1810 hrs	26/12/2019 2005 hrs	72073	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72069	26/12/2019 1835 hrs	26/12/2019 2005 hrs	72071	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
72074	26/12/2019 2025 hrs	26/12/2019 2125 hrs	72075	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
72076	26/12/2019 2340 hrs	27/12/2019 0040 hrs	72077	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
72080	27/12/2019 0145 hrs	27/12/2019 0450 hrs	72082	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72081	27/12/2019 0145 hrs	27/12/2019 0450 hrs	72082	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72084	27/12/2019 0615 hrs	27/12/2019 0720 hrs	72087	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72085	27/12/2019 0615 hrs	27/12/2019 0720 hrs	72086	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72094	27/12/2019 1410 hrs	27/12/2019 1515 hrs	72097	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72095	27/12/2019 1435 hrs	27/12/2019 1540 hrs	72098	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72096	27/12/2019 1455 hrs	27/12/2019 1600 hrs	72099	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72100	27/12/2019 1625 hrs	27/12/2019 1730 hrs	72101	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72116	27/12/2019 2250 hrs	28/12/2019 0140 hrs	72119	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72117	28/12/2019 0040 hrs	28/12/2019 0145 hrs	72118	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72120	28/12/2019 0420 hrs	28/12/2019 0520 hrs	72121	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
72123	28/12/2019 1640 hrs	28/12/2019 1755 hrs	72124	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72131	30/12/2019 1245 hrs	30/12/2019 1350 hrs	72132	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
72136	30/12/2019 1420 hrs	30/12/2019 1825 hrs	72196	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72134	30/12/2019 1420 hrs	30/12/2019 1725 hrs	72191	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72135	30/12/2019 1420 hrs	30/12/2019 1725 hrs	72190	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72192	30/12/2019 1750 hrs	30/12/2019 2350 hrs	72210	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
72194	30/12/2019 1750 hrs	30/12/2019 2350 hrs	72211	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
72193	30/12/2019 1750 hrs	30/12/2019 2335 hrs	72208	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72195	30/12/2019 1810 hrs	30/12/2019 2335 hrs	72209	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72197	30/12/2019 1830 hrs	30/12/2019 2035 hrs	72200	Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line	TAS	Lightning	INDJI
72199	30/12/2019 1845 hrs	30/12/2019 2045 hrs	72203	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72201	30/12/2019 2040 hrs	31/12/2019 0145 hrs	72219	Tungatinah – New Norfolk tee Meadowbank No. 1 and No. 2 110 kV lines	TAS	Lightning	INDJI
72202	30/12/2019 2040 hrs	31/12/2019 0145 hrs	72218	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72205	30/12/2019 2210 hrs	31/12/2019 0110 hrs	72216	Lindisfarne – Sorell 110 kV line and Lindisfarne – Sorell Triabunna Tee 110 kV line	TAS	Lightning	INDJI
72206	30/12/2019 2220 hrs	31/12/2019 0120 hrs	72217	Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line	TAS	Lightning	INDJI
72207	30/12/2019 2315 hrs	31/12/2019 0020 hrs	72215	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72212	30/12/2019 2355 hrs	31/12/2019 0155 hrs	72220	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72213	31/12/2019 0000 hrs	31/12/2019 0155 hrs	72221	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
72222	31/12/2019 0335 hrs	31/12/2019 0735 hrs	72223	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72226	31/12/2019 0815 hrs	31/12/2019 1020 hrs	72229	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72225	31/12/2019 0815 hrs	31/12/2019 0920 hrs	72227	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72228	31/12/2019 0930 hrs	31/12/2019 1035 hrs	72230	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72231	31/12/2019 1100 hrs	31/12/2019 1605 hrs	72242	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72232	31/12/2019 1215 hrs	31/12/2019 1405 hrs	72237	Murray – Lower Tumut 66 330 kV line and Lower Tumut – Upper Tumut 64 330 kV line	NSW	Bushfires	INDJI
72233	31/12/2019 1215 hrs	31/12/2019 1320 hrs	72235	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
72238	31/12/2019 1405 hrs	08/01/2020 1410 hrs	72406	Murray – Upper Tumut 65 330 kV line and Murray – Lower Tumut 66 330 kV line	NSW	Lightning	INDJI
72251	01/01/2020 1545 hrs	01/01/2020 2020 hrs	72252	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72255	02/01/2020 1430 hrs	03/01/2020 0035 hrs	72259	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72258	03/01/2020 0220 hrs	03/01/2020 0300 hrs	72259	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72273	04/01/2020 0935 hrs	04/01/2020 1140 hrs	72275	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72274	04/01/2020 0935 hrs	04/01/2020 1140 hrs	72276	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72278	04/01/2020 1235 hrs	04/01/2020 1540 hrs	72289	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72332	04/01/2020 1310 hrs	04/01/2020 1710 hrs	72332	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72314	04/01/2020 1635 hrs	04/01/2020 1740 hrs	72336	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72337	04/01/2020 1910 hrs	08/01/2020 1410 hrs	72407	Canberra – Upper Tumut 01 and Yass – UpperTumut 02 330 kV line	NSW	Bushfires	INDJI
72342	04/01/2020 2210 hrs	04/01/2020 2315 hrs	72348	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72347	04/01/2020 2300 hrs	04/01/2020 2345 hrs	72350	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72356	05/01/2020 0250 hrs	05/01/2020 0545 hrs	72357	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72358	05/01/2020 0745 hrs	12/01/2020 1040 hrs	72488	Murray Upper Tumut 65 and Lower Tumut – Upper Tumut 64 330 kV line	NSW	Bushfires	INDJI
72360	05/01/2020 1445 hrs	05/01/2020 1640 hrs	72361	Dederang – South Morang No. 1 and No. 2 330 kV lines	VIC	Bushfires	INDJI
72376	07/01/2020 0015 hrs	07/01/2020 0115 hrs	72380	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72377	07/01/2020 0030 hrs	08/01/2020 1410 hrs	72407	Loss of multiple generating units New South Wales region	NSW	Bushfires	INDJI
72379	07/01/2020 0100 hrs	07/01/2020 0200 hrs	72382	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72383	07/01/2020 0220 hrs	07/01/2020 0320 hrs	72384	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72395	07/01/2020 1415 hrs	07/01/2020 1620 hrs	72398	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72396	07/01/2020 1515 hrs	07/01/2020 2150 hrs	72399	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72400	08/01/2020 0305 hrs	08/01/2020 0505 hrs	72401	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72403	08/01/2020 1210 hrs	08/01/2020 1250 hrs	72404	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72405	08/01/2020 1305 hrs	08/01/2020 1605 hrs	72413	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72411	08/01/2020 1510 hrs	08/01/2020 1610 hrs	72414	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	NSW	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72412	08/01/2020 1535 hrs	08/01/2020 2105 hrs	72416	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72417	08/01/2020 2200 hrs	08/01/2020 2340 hrs	72419	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72418	08/01/2020 2210 hrs	14/01/2020 2305 hrs	72537	Dederang – South Morang No. 1 and No. 2 330 kV lines	VIC	Bushfires	INDJI
72420	09/01/2020 0020 hrs	09/01/2020 0120 hrs	72421	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72422	09/01/2020 0405 hrs	09/01/2020 0505 hrs	72424	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72423	09/01/2020 0500 hrs	09/01/2020 0535 hrs	72425	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72426	09/01/2020 0555 hrs	09/01/2020 0655 hrs	72427	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72429	09/01/2020 1635 hrs	10/01/2020 0040 hrs	72437	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72430	09/01/2020 1915 hrs	09/01/2020 2020 hrs	72433	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72431	09/01/2020 1915 hrs	09/01/2020 2020 hrs	72432	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72434	09/01/2020 2300 hrs	10/01/2020 1115 hrs	72439	Eraring – Kemps Creek 5A1 and 5A2 500 kV lines	NSW	Bushfires	INDJI
72438	10/01/2020 0900 hrs	13/01/2020 1125 hrs	72515	Murray – Upper Tumut 65 330 kV line and Murray – Lower Tumut 66 330 kV line	NSW	Bushfires	INDJI
72467	10/01/2020 1125 hrs	11/01/2020 1225 hrs	72468	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72448	10/01/2020 1610 hrs	20/01/2020 1315 hrs	72762	Bannaby – Mt Piper 5A6 and 5A7 500 kV lines	NSW	Bushfires	INDJI
72484	11/01/2020 1640 hrs	14/01/2020 2305 hrs	72538	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Bushfires	INDJI
72490	12/01/2020 1220 hrs	12/01/2020 1525 hrs	72491	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72493	12/01/2020 1535 hrs	12/01/2020 1735 hrs	72500	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72496	12/01/2020 1625 hrs	12/01/2020 1725 hrs	72499	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72495	12/01/2020 1630 hrs	12/01/2020 2015 hrs	72505	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
72501	12/01/2020 1830 hrs	12/01/2020 1930 hrs	72503	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72502	12/01/2020 1840 hrs	12/01/2020 1940 hrs	72504	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72506	12/01/2020 2140 hrs	12/01/2020 2245 hrs	72507	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72508	13/01/2020 0030 hrs	13/01/2020 0135 hrs	72509	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72516	13/01/2020 1300 hrs	13/01/2020 1405 hrs	72517	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
72518	13/01/2020 1600 hrs	13/01/2020 1735 hrs	72522	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72519	13/01/2020 1620 hrs	13/01/2020 1855 hrs	72523	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72520	13/01/2020 1630 hrs	13/01/2020 1730 hrs	72521	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
72526	14/01/2020 1400 hrs	14/01/2020 1805 hrs	72533	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72527	14/01/2020 1430 hrs	14/01/2020 1730 hrs	72531	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72530	14/01/2020 1730 hrs	14/01/2020 1830 hrs	72534	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72535	14/01/2020 1950 hrs	14/01/2020 2055 hrs	72536	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72540	15/01/2020 1025 hrs	15/01/2020 1230 hrs	72545	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
72541	15/01/2020 1030 hrs	15/01/2020 1435 hrs	72553	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72542	15/01/2020 1130 hrs	15/01/2020 1435 hrs	72550	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72543	15/01/2020 1215 hrs	15/01/2020 1515 hrs	72554	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
72547	15/01/2020 1345 hrs	15/01/2020 2150 hrs	72590	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72549	15/01/2020 1350 hrs	15/01/2020 1555 hrs	72555	Tungatinah – New Norfolk tee Meadowbank No. 1 and No. 2 110 kV lines	TAS	Lightning	INDJI
72548	15/01/2020 1350 hrs	15/01/2020 1555 hrs	72556	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72551	15/01/2020 1440 hrs	15/01/2020 1640 hrs	72561	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72558	15/01/2020 1630 hrs	15/01/2020 1730 hrs	72577	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72565	15/01/2020 1650 hrs	15/01/2020 2255 hrs	72591	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72580	15/01/2020 1855 hrs	15/01/2020 2100 hrs	72586	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
72579	15/01/2020 1855 hrs	15/01/2020 2000 hrs	72583	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72581	15/01/2020 1920 hrs	15/01/2020 2125 hrs	72587	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72582	15/01/2020 1935 hrs	15/01/2020 2130 hrs	72588	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72585	15/01/2020 2100 hrs	16/01/2020 0005 hrs	72593	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72589	15/01/2020 2135 hrs	16/01/2020 0140 hrs	72595	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72592	15/01/2020 2320 hrs	16/01/2020 0025 hrs	72594	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
72596	16/01/2020 0305 hrs	16/01/2020 0410 hrs	72597	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
72599	16/01/2020 0420 hrs	16/01/2020 1025 hrs	72612	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72598	16/01/2020 0420 hrs	16/01/2020 1025 hrs	72613	Tungatinah – New Norfolk tee Meadowbank No. 1 and No. 2 110 kV lines	TAS	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72600	16/01/2020 0520 hrs	16/01/2020 0625 hrs	72604	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72602	16/01/2020 0550 hrs	16/01/2020 0655 hrs	72606	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72601	16/01/2020 0550 hrs	16/01/2020 0655 hrs	72607	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
72603	16/01/2020 0615 hrs	16/01/2020 1020 hrs	72611	Lindisfarne – Sorell 110 kV line and Lindisfarne – Sorell Triabunna Tee 110 kV line	TAS	Lightning	INDJI
72605	16/01/2020 0645 hrs	17/01/2020 1900 hrs	72663	Chapel Street Liapootah No. 2 220 kV line and the Chapel Street S752 220 kV circuit breaker tripped	TAS	Other	TNSP
72614	16/01/2020 1025 hrs	16/01/2020 2300 hrs	72631	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72619	16/01/2020 1510 hrs	17/01/2020 0510 hrs	72639	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72618	16/01/2020 1510 hrs	16/01/2020 1810 hrs	72621	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72620	16/01/2020 1800 hrs	17/01/2020 0325 hrs	72633	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72622	16/01/2020 1815 hrs	17/01/2020 0525 hrs	72640	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
72624	16/01/2020 1815 hrs	17/01/2020 0415 hrs	72637	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72623	16/01/2020 1815 hrs	16/01/2020 2220 hrs	72629	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
72625	16/01/2020 1940 hrs	16/01/2020 2215 hrs	72628	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
72627	16/01/2020 2125 hrs	17/01/2020 0500 hrs	72638	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
72630	16/01/2020 2250 hrs	17/01/2020 0410 hrs	72635	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
72632	16/01/2020 2320 hrs	17/01/2020 0355 hrs	72636	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
72641	17/01/2020 0535 hrs	17/01/2020 0640 hrs	72642	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI



Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72643	17/01/2020 0720 hrs	17/01/2020 0925 hrs	72645	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72647	17/01/2020 1110 hrs	17/01/2020 1515 hrs	72654	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72648	17/01/2020 1145 hrs	17/01/2020 1550 hrs	72655	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72649	17/01/2020 1250 hrs	17/01/2020 1855 hrs	72661	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
72652	17/01/2020 1420 hrs	17/01/2020 2020 hrs	72668	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72651	17/01/2020 1420 hrs	17/01/2020 1920 hrs	72664	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72656	17/01/2020 1555 hrs	17/01/2020 1900 hrs	72662	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72657	17/01/2020 1650 hrs	17/01/2020 2155 hrs	72672	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72658	17/01/2020 1650 hrs	17/01/2020 2055 hrs	72670	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72659	17/01/2020 1650 hrs	17/01/2020 1755 hrs	72660	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72665	17/01/2020 1935 hrs	18/01/2020 0405 hrs	72684	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72666	17/01/2020 1950 hrs	17/01/2020 2250 hrs	72675	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
72669	17/01/2020 2040 hrs	17/01/2020 2245 hrs	72674	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72671	17/01/2020 2105 hrs	17/01/2020 2210 hrs	72673	Tarong – Chinchilla 7183 and 7168 132 kV lines	NSW	Lightning	INDJI
72677	17/01/2020 2250 hrs	18/01/2020 0155 hrs	72682	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72678	17/01/2020 2315 hrs	18/01/2020 0120 hrs	72681	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72680	18/01/2020 0110 hrs	18/01/2020 0315 hrs	72683	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72686	18/01/2020 1240 hrs	18/01/2020 1940 hrs	72704	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72689	18/01/2020 1320 hrs	18/01/2020 1825 hrs	72701	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72696	18/01/2020 1455 hrs	18/01/2020 1900 hrs	72703	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72695	18/01/2020 1455 hrs	18/01/2020 1700 hrs	72698	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72697	18/01/2020 1550 hrs	18/01/2020 1855 hrs	72702	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
72699	18/01/2020 1705 hrs	18/01/2020 1810 hrs	72700	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72705	18/01/2020 2135 hrs	18/01/2020 2220 hrs	72706	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72707	18/01/2020 2245 hrs	19/01/2020 0250 hrs	72713	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72708	18/01/2020 2305 hrs	19/01/2020 0210 hrs	72712	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
72709	19/01/2020 0020 hrs	19/01/2020 0125 hrs	72710	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72711	19/01/2020 0200 hrs	19/01/2020 0305 hrs	72714	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72715	19/01/2020 0410 hrs	19/01/2020 0445 hrs	72716	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72717	19/01/2020 0915 hrs	19/01/2020 1120 hrs	72718	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
72719	19/01/2020 1155 hrs	19/01/2020 1800 hrs	72733	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72720	19/01/2020 1225 hrs	19/01/2020 2300 hrs	72742	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72721	19/01/2020 1255 hrs	19/01/2020 2200 hrs	72740	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
72726	19/01/2020 1515 hrs	19/01/2020 1620 hrs	72731	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72727	19/01/2020 1520 hrs	19/01/2020 1820 hrs	72737	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72728	19/01/2020 1540 hrs	20/01/2020 0345 hrs	72745	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72729	19/01/2020 1605 hrs	19/01/2020 1810 hrs	72735	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72730	19/01/2020 1610 hrs	19/01/2020 1815 hrs	72736	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72732	19/01/2020 1705 hrs	19/01/2020 1810 hrs	72734	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72738	19/01/2020 1940 hrs	19/01/2020 2045 hrs	72739	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72741	19/01/2020 2200 hrs	20/01/2020 0535 hrs	72748	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72746	20/01/2020 0435 hrs	20/01/2020 0535 hrs	72749	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72750	20/01/2020 0640 hrs	20/01/2020 1145 hrs	72757	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
72754	20/01/2020 0945 hrs	20/01/2020 1050 hrs	72755	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72756	20/01/2020 1050 hrs	20/01/2020 1800 hrs	72793	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
72760	20/01/2020 1300 hrs	20/01/2020 2200 hrs	72799	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72759	20/01/2020 1300 hrs	20/01/2020 1600 hrs	72785	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72778	20/01/2020 1410 hrs	20/01/2020 1810 hrs	72792	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72780	20/01/2020 1420 hrs	20/01/2020 1925 hrs	72798	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72786	20/01/2020 1600 hrs	20/01/2020 2205 hrs	72800	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72788	20/01/2020 1650 hrs	20/01/2020 1855 hrs	72794	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
72789	20/01/2020 1650 hrs	20/01/2020 1855 hrs	72795	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72790	20/01/2020 1710 hrs	20/01/2020 2215 hrs	72802	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72796	20/01/2020 1900 hrs	20/01/2020 2305 hrs	72803	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72797	20/01/2020 1900 hrs	20/01/2020 2205 hrs	72801	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72804	20/01/2020 2345 hrs	21/01/2020 0250 hrs	72806	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72805	20/01/2020 2355 hrs	21/01/2020 0600 hrs	72807	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72808	21/01/2020 0715 hrs	21/01/2020 1020 hrs	72812	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72809	21/01/2020 0735 hrs	21/01/2020 0840 hrs	72811	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72814	21/01/2020 1035 hrs	21/01/2020 1840 hrs	72831	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72815	21/01/2020 1050 hrs	21/01/2020 1520 hrs	72821	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72817	21/01/2020 1250 hrs	21/01/2020 1825 hrs	72829	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72818	21/01/2020 1305 hrs	21/01/2020 1840 hrs	72830	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
72820	21/01/2020 1510 hrs	21/01/2020 1840 hrs	72832	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	QLD	Lightning	INDJI
72826	21/01/2020 1650 hrs	21/01/2020 2055 hrs	72837	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72827	21/01/2020 1740 hrs	21/01/2020 1850 hrs	72833	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72828	21/01/2020 1820 hrs	21/01/2020 2025 hrs	72835	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
72834	21/01/2020 1925 hrs	21/01/2020 2030 hrs	72836	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72838	22/01/2020 0445 hrs	22/01/2020 1150 hrs	72841	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72840	22/01/2020 1120 hrs	22/01/2020 1425 hrs	72853	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72842	22/01/2020 1200 hrs	22/01/2020 2300 hrs	72873	Davenport–Mt Lock and Davenport–Belalie 275 kV lines	SA	Other	BOM
72844	22/01/2020 1240 hrs	22/01/2020 1840 hrs	72869	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72850	22/01/2020 1350 hrs	22/01/2020 2355 hrs	72875	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72855	22/01/2020 1540 hrs	22/01/2020 2240 hrs	72874	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72856	22/01/2020 1540 hrs	22/01/2020 1745 hrs	72868	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72870	22/01/2020 2035 hrs	23/01/2020 0015 hrs	72877	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
72878	23/01/2020 0100 hrs	23/01/2020 0200 hrs	72879	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72887	23/01/2020 1240 hrs	23/01/2020 1345 hrs	72893	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72888	23/01/2020 1305 hrs	23/01/2020 1350 hrs	72897	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72896	23/01/2020 1350 hrs	23/01/2020 2355 hrs	72959	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72895	23/01/2020 1350 hrs	23/01/2020 1455 hrs	72925	Lindisfarne – Sorell 110 kV line and Lindisfarne – Sorell Triabunna Tee 110 kV line	TAS	Lightning	INDJI
72904	23/01/2020 1425 hrs	23/01/2020 1735 hrs	72939	Lindisfarne – Mornington Tee – Rokeby No. 1 110 kV line and Lindisfarne – Mornington Tee – Rokeby No. 2 110 kV line	TAS	Lightning	INDJI
72913	23/01/2020 1425 hrs	23/01/2020 1625 hrs	72935	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72916	23/01/2020 1435 hrs	23/01/2020 1625 hrs	72937	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
72926	23/01/2020 1500 hrs	23/01/2020 1600 hrs	72929	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
72953	23/01/2020 1910 hrs	23/01/2020 1955 hrs	72954	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
72960	24/01/2020 0030 hrs	24/01/2020 0135 hrs	72961	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
72962	24/01/2020 0310 hrs	24/01/2020 1210 hrs	72966	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
72963	24/01/2020 0720 hrs	24/01/2020 0900 hrs	72964	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72968	24/01/2020 0800 hrs	24/01/2020 0000 hrs	72979	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72978	24/01/2020 0800 hrs	24/01/2020 0000 hrs	72992	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
72983	24/01/2020 0815 hrs	24/01/2020 1115 hrs	72987	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72985	24/01/2020 0945 hrs	25/01/2020 0750 hrs	72998	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72965	24/01/2020 1125 hrs	24/01/2020 1525 hrs	72972	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
72988	24/01/2020 1150 hrs	25/01/2020 0150 hrs	72993	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72967	24/01/2020 1240 hrs	24/01/2020 1345 hrs	72969	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
72980	24/01/2020 1920 hrs	24/01/2020 0225 hrs	72994	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
72981	24/01/2020 1935 hrs	24/01/2020 2040 hrs	72984	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
72982	24/01/2020 2015 hrs	24/01/2020 2315 hrs	72986	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
72989	25/01/2020 0035 hrs	25/01/2020 0435 hrs	72996	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73003	25/01/2020 0220 hrs	25/01/2020 0720 hrs	73016	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
73004	25/01/2020 0220 hrs	25/01/2020 0720 hrs	73015	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
72997	25/01/2020 0735 hrs	25/01/2020 0740 hrs	73017	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
73001	25/01/2020 1140 hrs	25/01/2020 0745 hrs	73019	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73005	25/01/2020 1420 hrs	25/01/2020 1720 hrs	73013	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
73006	25/01/2020 1440 hrs	25/01/2020 1735 hrs	73014	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
73011	25/01/2020 1545 hrs	25/01/2020 1945 hrs	73018	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
73020	25/01/2020 2045 hrs	25/01/2020 2145 hrs	73023	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73021	25/01/2020 2055 hrs	26/01/2020 0005 hrs	73027	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73022	25/01/2020 2130 hrs	26/01/2020 0450 hrs	73035	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
73024	25/01/2020 2150 hrs	26/01/2020 0450 hrs	73033	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73025	25/01/2020 2205 hrs	26/01/2020 0450 hrs	73031	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73026	25/01/2020 2220 hrs	26/01/2020 0450 hrs	73032	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
73028	26/01/2020 0115 hrs	26/01/2020 0450 hrs	73034	Collinsville North–Clare South Tee King Creek 7128 132 kV line and Strathmore–Clare South 7208 132 kV line	QLD	Lightning	INDJI
73029	26/01/2020 0115 hrs	26/01/2020 0450 hrs	73030	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
73037	26/01/2020 1325 hrs	27/01/2020 1555 hrs	73050	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73039	26/01/2020 1345 hrs	27/01/2020 1555 hrs	73048	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73040	26/01/2020 1530 hrs	26/01/2020 1650 hrs	73045	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
73046	26/01/2020 1945 hrs	27/01/2020 0355 hrs	73051	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
73047	27/01/2020 0115 hrs	27/01/2020 1555 hrs	73049	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
73052	27/01/2020 1255 hrs	27/01/2020 1900 hrs	73058	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73053	27/01/2020 1405 hrs	27/01/2020 1015 hrs	73061	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73054	27/01/2020 1410 hrs	27/01/2020 2210 hrs	73060	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73066	28/01/2020 1315 hrs	28/01/2020 1515 hrs	73068	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73076	28/01/2020 2130 hrs	29/01/2020 0135 hrs	73078	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73077	28/01/2020 2140 hrs	29/01/2020 0525 hrs	73079	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73083	29/01/2020 2045 hrs	29/01/2020 2135 hrs	73084	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73085	29/01/2020 2310 hrs	30/01/2020 0010 hrs	73086	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73087	30/01/2020 0230 hrs	30/01/2020 0635 hrs	73090	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73088	30/01/2020 0430 hrs	30/01/2020 0500 hrs	73089	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73095	30/01/2020 1335 hrs	30/01/2020 1440 hrs	73098	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73235	31/01/2020 1955 hrs	31/01/2020 2055 hrs	73237	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
73358	01/02/2020 1610 hrs	01/02/2020 1910 hrs	73373	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
73359	01/02/2020 1610 hrs	01/02/2020 1810 hrs	73372	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
73364	01/02/2020 1630 hrs	01/02/2020 1735 hrs	73370	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
73593	03/02/2020 1300 hrs	03/02/2020 1705 hrs	73605	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73603	03/02/2020 1550 hrs	04/02/2020 0140 hrs	73782	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
73643	03/02/2020 1730 hrs	03/02/2020 2310 hrs	73781	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI



Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
73788	04/02/2020 1145 hrs	04/02/2020 1620 hrs	73825	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
73791	04/02/2020 1345 hrs	04/02/2020 1740 hrs	73828	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
73820	04/02/2020 1555 hrs	04/02/2020 1900 hrs	73829	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
73856	06/02/2020 0930 hrs	06/02/2020 1935 hrs	73876	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
73859	06/02/2020 1300 hrs	06/02/2020 1405 hrs	73860	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
73863	06/02/2020 1455 hrs	06/02/2020 0000 hrs	73887	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
73865	06/02/2020 1630 hrs	06/02/2020 1730 hrs	73867	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
73866	06/02/2020 1705 hrs	06/02/2020 1810 hrs	73869	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
73868	06/02/2020 1745 hrs	06/02/2020 1845 hrs	73871	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
73872	06/02/2020 1855 hrs	06/02/2020 2055 hrs	73878	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73874	06/02/2020 1925 hrs	06/02/2020 2100 hrs	73879	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
73875	06/02/2020 1925 hrs	06/02/2020 2100 hrs	73880	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
73877	06/02/2020 2035 hrs	06/02/2020 2140 hrs	73883	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
73881	06/02/2020 2110 hrs	07/02/2020 0010 hrs	73888	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73882	06/02/2020 2125 hrs	06/02/2020 2225 hrs	73885	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
73884	06/02/2020 2200 hrs	06/02/2020 2305 hrs	73886	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
73889	07/02/2020 0210 hrs	07/02/2020 0410 hrs	73892	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73896	07/02/2020 1320 hrs	07/02/2020 1850 hrs	73910	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73897	07/02/2020 1320 hrs	07/02/2020 1720 hrs	73904	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
73898	07/02/2020 1410 hrs	07/02/2020 1810 hrs	73907	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
73899	07/02/2020 1410 hrs	07/02/2020 1810 hrs	73908	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73901	07/02/2020 1545 hrs	07/02/2020 1950 hrs	73912	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
73902	07/02/2020 1615 hrs	07/02/2020 1720 hrs	73903	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73906	07/02/2020 1735 hrs	07/02/2020 1940 hrs	73911	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
73909	07/02/2020 1840 hrs	07/02/2020 2045 hrs	73926	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73925	07/02/2020 2035 hrs	08/02/2020 0035 hrs	73930	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73927	07/02/2020 2100 hrs	07/02/2020 2305 hrs	73928	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
73929	07/02/2020 2310 hrs	08/02/2020 0140 hrs	73932	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
73931	08/02/2020 0135 hrs	08/02/2020 0240 hrs	73934	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73933	08/02/2020 0205 hrs	08/02/2020 1605 hrs	73941	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73940	08/02/2020 1320 hrs	08/02/2020 1725 hrs	73945	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
73943	08/02/2020 1630 hrs	08/02/2020 1730 hrs	73947	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
73944	08/02/2020 1630 hrs	08/02/2020 1730 hrs	73946	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
73948	08/02/2020 1740 hrs	08/02/2020 2145 hrs	73955	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
73950	08/02/2020 1800 hrs	08/02/2020 1905 hrs	73952	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
73949	08/02/2020 1800 hrs	08/02/2020 1900 hrs	73951	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
73953	08/02/2020 2040 hrs	08/02/2020 2315 hrs	73961	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73954	08/02/2020 2040 hrs	08/02/2020 2315 hrs	73962	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73956	08/02/2020 2155 hrs	08/02/2020 2300 hrs	73960	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
73957	08/02/2020 2155 hrs	08/02/2020 2300 hrs	73959	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
73958	08/02/2020 2230 hrs	08/02/2020 2335 hrs	73963	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73964	08/02/2020 2350 hrs	09/02/2020 0355 hrs	73967	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73965	09/02/2020 0000 hrs	09/02/2020 0105 hrs	73966	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73968	09/02/2020 0355 hrs	09/02/2020 0500 hrs	73971	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
73974	09/02/2020 1315 hrs	10/02/2020 0450 hrs	73995	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
73975	09/02/2020 1340 hrs	09/02/2020 1440 hrs	73978	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
73977	09/02/2020 1420 hrs	09/02/2020 1720 hrs	73985	Collinsville North–Clare South Tee King Creek 7128 132 kV line and Strathmore–Clare South 7208 132 kV line	QLD	Lightning	INDJI
73979	09/02/2020 1445 hrs	09/02/2020 2220 hrs	73990	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
73980	09/02/2020 1515 hrs	09/02/2020 1820 hrs	73987	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	NSW	Lightning	INDJI
73981	09/02/2020 1520 hrs	10/02/2020 0455 hrs	73996	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
73982	09/02/2020 1600 hrs	09/02/2020 1805 hrs	73986	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
73988	09/02/2020 2110 hrs	09/02/2020 2215 hrs	73989	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73991	10/02/2020 0125 hrs	10/02/2020 0630 hrs	73997	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
73998	10/02/2020 0825 hrs	10/02/2020 1830 hrs	74021	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74000	10/02/2020 1220 hrs	10/02/2020 1320 hrs	74002	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74004	10/02/2020 1405 hrs	11/02/2020 0405 hrs	74037	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74006	10/02/2020 1405 hrs	10/02/2020 1510 hrs	74012	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
74003	10/02/2020 1405 hrs	10/02/2020 1505 hrs	74010	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74005	10/02/2020 1405 hrs	10/02/2020 1505 hrs	74011	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74007	10/02/2020 1420 hrs	10/02/2020 2020 hrs	74026	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74009	10/02/2020 1500 hrs	11/02/2020 0655 hrs	74040	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74014	10/02/2020 1550 hrs	10/02/2019 1650 hrs	74016	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74017	10/02/2020 1730 hrs	10/02/2020 1930 hrs	74024	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74018	10/02/2020 1825 hrs	10/02/2020 2125 hrs	74028	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74019	10/02/2020 1825 hrs	10/02/2020 1925 hrs	74022	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74020	10/02/2020 1830 hrs	10/02/2020 2230 hrs	74030	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74023	10/02/2020 1930 hrs	11/02/2020 0330 hrs	74035	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74025	10/02/2020 1940 hrs	11/02/2019 0140 hrs	74033	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74027	10/02/2020 2025 hrs	10/02/2019 2225 hrs	74029	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74031	10/02/2020 2310 hrs	11/02/2020 0655 hrs	74041	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
74032	10/02/2020 2345 hrs	11/02/2020 0655 hrs	74038	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74036	11/02/2020 0355 hrs	11/02/2020 0655 hrs	74039	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74050	11/02/2020 1110 hrs	12/02/2020 0840 hrs	74073	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74051	11/02/2020 1155 hrs	12/02/2020 0200 hrs	74066	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74052	11/02/2020 1340 hrs	11/02/2020 2040 hrs	74063	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74053	11/02/2020 1410 hrs	11/02/2020 1910 hrs	74059	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74054	11/02/2020 1450 hrs	11/02/2020 1555 hrs	74055	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
74056	11/02/2020 1640 hrs	11/02/2020 1840 hrs	74058	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74057	11/02/2020 1645 hrs	11/02/2020 1945 hrs	74060	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74062	11/02/2020 2010 hrs	11/02/2020 2210 hrs	74065	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74061	11/02/2020 2010 hrs	11/02/2020 2110 hrs	74064	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74067	12/02/2020 0210 hrs	12/02/2020 0310 hrs	74068	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74069	12/02/2020 0405 hrs	12/02/2020 0610 hrs	74072	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74070	12/02/2020 0440 hrs	12/02/2020 0545 hrs	74071	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74074	12/02/2020 1155 hrs	12/02/2020 1855 hrs	74083	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74076	12/02/2020 1210 hrs	12/02/2020 1545 hrs	74079	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74078	12/02/2020 1510 hrs	12/02/2020 1730 hrs	74082	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74080	12/02/2020 1630 hrs	12/02/2020 2230 hrs	74086	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74081	12/02/2020 1720 hrs	12/02/2020 2250 hrs	74087	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74084	12/02/2020 1950 hrs	12/02/2020 2250 hrs	74088	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74104	13/02/2020 1250 hrs	13/02/2020 2210 hrs	74110	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74105	13/02/2020 1405 hrs	13/02/2020 1610 hrs	74108	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74107	13/02/2020 1525 hrs	13/02/2020 1925 hrs	74109	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74113	14/02/2020 1255 hrs	14/02/2020 2300 hrs	74124	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74114	14/02/2020 1320 hrs	14/02/2020 1820 hrs	74120	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
74115	14/02/2020 1340 hrs	14/02/2020 1440 hrs	74117	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74118	14/02/2020 1505 hrs	14/02/2020 2205 hrs	74123	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74119	14/02/2020 1805 hrs	14/02/2020 2305 hrs	74125	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74134	15/02/2020 1250 hrs	15/02/2020 1645 hrs	74140	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74133	15/02/2020 1255 hrs	15/02/2020 1650 hrs	74141	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74137	15/02/2020 1310 hrs	15/02/2020 1945 hrs	74146	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74135	15/02/2020 1310 hrs	15/02/2020 1940 hrs	74145	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74136	15/02/2020 1310 hrs	15/02/2020 1840 hrs	74144	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74138	15/02/2020 1435 hrs	15/02/2020 1835 hrs	74143	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74139	15/02/2020 1550 hrs	15/02/2020 1950 hrs	74147	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74142	15/02/2020 1715 hrs	15/02/2020 2015 hrs	74148	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74149	15/02/2020 2210 hrs	15/02/2020 2305 hrs	74150	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74151	16/02/2020 0230 hrs	16/02/2020 0340 hrs	74154	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74152	16/02/2020 0255 hrs	16/02/2020 0340 hrs	74155	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74153	16/02/2020 0340 hrs	16/02/2020 0440 hrs	74156	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74160	16/02/2020 1200 hrs	17/02/2020 0625 hrs	74181	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74163	16/02/2020 1255 hrs	16/02/2020 1855 hrs	74174	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74164	16/02/2020 1305 hrs	16/02/2020 2355 hrs	74178	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74165	16/02/2020 1400 hrs	16/02/2020 1905 hrs	74175	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74167	16/02/2020 1400 hrs	16/02/2020 1905 hrs	74176	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74166	16/02/2020 1400 hrs	16/02/2020 1705 hrs	74173	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74177	16/02/2020 2355 hrs	17/02/2020 0455 hrs	74179	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74184	17/02/2020 0715 hrs	17/02/2020 2140 hrs	74237	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI
74192	17/02/2020 1150 hrs	17/02/2020 1420 hrs	74197	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74193	17/02/2020 1205 hrs	17/02/2020 1645 hrs	74214	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74195	17/02/2020 1330 hrs	17/02/2020 1530 hrs	74207	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74196	17/02/2020 1340 hrs	17/02/2020 1900 hrs	74233	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74199	17/02/2020 1425 hrs	17/02/2020 1900 hrs	74232	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74198	17/02/2020 1425 hrs	17/02/2020 1645 hrs	74213	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74200	17/02/2020 1445 hrs	17/02/2020 1900 hrs	74234	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74231	17/02/2020 1800 hrs	18/02/2020 0130 hrs	74243	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74236	17/02/2020 1955 hrs	17/02/2020 2210 hrs	74238	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74239	17/02/2020 2250 hrs	18/02/2020 0315 hrs	74244	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74240	17/02/2020 2255 hrs	18/02/2020 0315 hrs	74245	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74241	17/02/2020 2345 hrs	18/02/2020 0045 hrs	74242	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74250	18/02/2020 0950 hrs	18/02/2020 2050 hrs	74284	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
74251	18/02/2020 1030 hrs	18/02/2020 1230 hrs	74254	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74253	18/02/2020 1200 hrs	18/02/2020 1900 hrs	74279	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74267	18/02/2020 1315 hrs	18/02/2020 2120 hrs	74288	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74269	18/02/2020 1445 hrs	18/02/2020 1845 hrs	74277	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74270	18/02/2020 1505 hrs	18/02/2020 1905 hrs	74280	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74271	18/02/2020 1510 hrs	19/02/2020 0135 hrs	74305	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI



Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74272	18/02/2020 1515 hrs	18/02/2020 1845 hrs	74276	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74273	18/02/2020 1550 hrs	18/02/2020 1850 hrs	74278	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74281	18/02/2020 1910 hrs	18/02/2020 2210 hrs	74290	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74282	18/02/2020 2000 hrs	18/02/2020 2100 hrs	74287	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74283	18/02/2020 2000 hrs	18/02/2020 2100 hrs	74286	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74285	18/02/2020 2055 hrs	18/02/2020 2155 hrs	74289	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74303	19/02/2020 0030 hrs	19/02/2020 0135 hrs	74306	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74304	19/02/2020 0040 hrs	19/02/2020 0150 hrs	74307	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74308	19/02/2020 0425 hrs	19/02/2020 0525 hrs	74309	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI
74311	19/02/2020 1440 hrs	19/02/2020 1710 hrs	74339	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74313	19/02/2020 1440 hrs	19/02/2020 1710 hrs	74338	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74340	19/02/2020 1730 hrs	19/02/2020 1835 hrs	74341	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74342	19/02/2020 1905 hrs	20/02/2020 0150 hrs	74350	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74343	19/02/2020 1910 hrs	19/02/2020 2230 hrs	74349	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74344	19/02/2020 1915 hrs	19/02/2020 2015 hrs	74346	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74345	19/02/2020 1920 hrs	19/02/2020 2020 hrs	74348	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74355	20/02/2020 1340 hrs	20/02/2020 1745 hrs	74363	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74356	20/02/2020 1445 hrs	20/02/2020 1650 hrs	74361	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74357	20/02/2020 1445 hrs	20/02/2020 1650 hrs	74362	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74358	20/02/2020 1450 hrs	20/02/2020 1850 hrs	74367	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74360	20/02/2020 1630 hrs	21/02/2020 0300 hrs	74380	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74364	20/02/2020 1815 hrs	20/02/2020 2015 hrs	74371	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74365	20/02/2020 1850 hrs	20/02/2020 2250 hrs	74374	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74366	20/02/2020 1850 hrs	20/02/2020 2050 hrs	74372	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74368	20/02/2020 1910 hrs	21/02/2020 0340 hrs	74381	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74369	20/02/2020 1950 hrs	20/02/2020 2250 hrs	74373	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74375	20/02/2020 2255 hrs	21/02/2020 0255 hrs	74378	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74376	20/02/2020 2255 hrs	21/02/2020 0255 hrs	74379	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74377	20/02/2020 2350 hrs	21/02/2020 0345 hrs	74382	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74389	21/02/2020 1640 hrs	21/02/2020 1745 hrs	74390	Strathmore Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74393	21/02/2020 2340 hrs	22/02/2020 0145 hrs	74394	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74395	22/02/2020 1105 hrs	22/02/2020 1735 hrs	74403	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74397	22/02/2020 1455 hrs	22/02/2020 1630 hrs	74401	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74400	22/02/2020 1625 hrs	22/02/2020 1725 hrs	74402	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74406	23/02/2020 1840 hrs	23/02/2020 1945 hrs	74407	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74408	23/02/2020 2100 hrs	23/02/2020 2205 hrs	74409	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74410	23/02/2020 2340 hrs	24/02/2020 0340 hrs	74418	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74411	24/02/2020 0035 hrs	24/02/2020 0335 hrs	74416	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74427	24/02/2020 0720 hrs	24/02/2020 1020 hrs	74428	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74429	24/02/2020 1055 hrs	24/02/2020 1200 hrs	74430	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74431	24/02/2020 1240 hrs	24/02/2020 1345 hrs	74432	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74433	24/02/2020 1415 hrs	24/02/2020 2020 hrs	74438	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74434	24/02/2020 1430 hrs	24/02/2020 1935 hrs	74437	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74435	24/02/2020 1435 hrs	24/02/2020 1935 hrs	74436	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74439	25/02/2020 0025 hrs	25/02/2020 0125 hrs	74440	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74447	25/02/2020 1305 hrs	25/02/2020 1705 hrs	74452	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
74446	25/02/2020 1305 hrs	25/02/2020 1505 hrs	74450	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74448	25/02/2020 1430 hrs	25/02/2020 2230 hrs	74458	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74449	25/02/2020 1430 hrs	25/02/2020 2230 hrs	74459	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74451	25/02/2020 1510 hrs	25/02/2020 1940 hrs	74453	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74454	25/02/2020 1955 hrs	25/02/2020 2200 hrs	74456	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74455	25/02/2020 2015 hrs	26/02/2020 0530 hrs	74466	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74457	25/02/2020 2225 hrs	26/02/2020 0510 hrs	74465	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74460	25/02/2020 2235 hrs	26/02/2020 0535 hrs	74467	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74461	25/02/2020 2305 hrs	26/02/2020 0305 hrs	74462	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74463	26/02/2020 0335 hrs	26/02/2020 0535 hrs	74468	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74464	26/02/2020 0350 hrs	26/02/2020 0550 hrs	74469	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74470	26/02/2020 0635 hrs	26/02/2020 0905 hrs	74471	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74473	26/02/2020 1125 hrs	26/02/2020 1900 hrs	74482	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI
74474	26/02/2020 1230 hrs	26/02/2020 1930 hrs	74483	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74475	26/02/2020 1515 hrs	27/02/2020 0115 hrs	74493	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74476	26/02/2020 1515 hrs	26/02/2020 1715 hrs	74480	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74477	26/02/2020 1540 hrs	27/02/2020 0140 hrs	74495	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74478	26/02/2020 1540 hrs	26/02/2020 2240 hrs	74489	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74479	26/02/2020 1645 hrs	26/02/2020 1935 hrs	74484	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74481	26/02/2020 1735 hrs	26/02/2020 2035 hrs	74485	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74486	26/02/2020 2045 hrs	27/02/2020 0150 hrs	74497	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74487	26/02/2020 2100 hrs	26/02/2020 2200 hrs	74488	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74491	26/02/2020 2255 hrs	27/02/2020 0655 hrs	74505	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74490	26/02/2020 2255 hrs	27/02/2020 0150 hrs	74496	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74492	27/02/2020 0020 hrs	27/02/2020 0540 hrs	74503	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74498	27/02/2020 0215 hrs	27/02/2020 0645 hrs	74504	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74499	27/02/2020 0225 hrs	27/02/2020 0655 hrs	74506	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74501	27/02/2020 0305 hrs	27/02/2020 0710 hrs	74507	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74502	27/02/2020 0515 hrs	27/02/2020 0710 hrs	74508	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74510	27/02/2020 1245 hrs	27/02/2020 2150 hrs	74524	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74512	27/02/2020 1320 hrs	28/02/2020 0120 hrs	74529	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74513	27/02/2020 1320 hrs	27/02/2020 2350 hrs	74526	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74511	27/02/2020 1320 hrs	27/02/2020 2145 hrs	74522	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74514	27/02/2020 1340 hrs	27/02/2020 2140 hrs	74520	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74517	27/02/2020 1500 hrs	27/02/2020 2145 hrs	74521	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74518	27/02/2020 1740 hrs	27/02/2020 2340 hrs	74525	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74519	27/02/2020 1950 hrs	27/02/2020 2145 hrs	74523	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74527	27/02/2020 2355 hrs	28/02/2020 0140 hrs	74530	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74528	28/02/2020 0015 hrs	28/02/2020 0535 hrs	74537	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74531	28/02/2020 0305 hrs	28/02/2020 0530 hrs	74536	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74532	28/02/2020 0345 hrs	28/02/2020 0530 hrs	74535	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74533	28/02/2020 0345 hrs	28/02/2020 0530 hrs	74534	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74538	28/02/2020 1300 hrs	28/02/2020 1700 hrs	74544	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74539	28/02/2020 1315 hrs	29/02/2020 0115 hrs	74548	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74542	28/02/2020 1640 hrs	28/02/2020 1740 hrs	74546	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74543	28/02/2020 1655 hrs	29/02/2020 0120 hrs	74549	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74545	28/02/2020 1725 hrs	28/02/2020 2225 hrs	74547	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74552	29/02/2020 1255 hrs	29/02/2020 1455 hrs	74553	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74555	29/02/2020 1520 hrs	29/02/2020 1925 hrs	74569	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74556	29/02/2020 1520 hrs	29/02/2020 1725 hrs	74563	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74557	29/02/2020 1550 hrs	29/02/2020 1650 hrs	74562	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74564	29/02/2020 1735 hrs	29/02/2020 1925 hrs	74568	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
74565	29/02/2020 1735 hrs	29/02/2020 1925 hrs	74567	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74566	29/02/2020 1735 hrs	29/02/2020 1925 hrs	74570	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74573	01/03/2020 0420 hrs	01/03/2020 0550 hrs	74575	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74572	01/03/2020 0420 hrs	01/03/2020 0545 hrs	74574	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74730	04/03/2020 1520 hrs	04/03/2020 1825 hrs	74732	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74733	04/03/2020 1930 hrs	04/03/2020 2030 hrs	74734	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74735	04/03/2020 2305 hrs	05/03/2020 0005 hrs	74736	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74752	05/03/2020 1345 hrs	05/03/2020 2250 hrs	74765	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74753	05/03/2020 1345 hrs	05/03/2020 2250 hrs	74766	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74754	05/03/2020 1615 hrs	05/03/2020 1820 hrs	74758	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74759	05/03/2020 2015 hrs	05/03/2020 2200 hrs	74762	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
74760	05/03/2020 2110 hrs	06/03/2020 0000 hrs	74768	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
74761	05/03/2020 2150 hrs	06/03/2020 0655 hrs	74772	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74763	05/03/2020 2215 hrs	06/03/2020 0520 hrs	74770	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74764	05/03/2020 2245 hrs	06/03/2020 0945 hrs	74777	Collinsville North–Clare South Tee King Creek 7128 132 kV line and Strathmore–Clare South 7208 132 kV line	QLD	Lightning	INDJI
74767	05/03/2020 2305 hrs	06/03/2020 0705 hrs	74773	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74769	06/03/2020 0120 hrs	06/03/2020 0955 hrs	74778	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74779	06/03/2020 1200 hrs	06/03/2020 2135 hrs	74798	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74780	06/03/2020 1255 hrs	06/03/2020 1955 hrs	74795	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74781	06/03/2020 1300 hrs	06/03/2020 2040 hrs	74797	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74782	06/03/2020 1310 hrs	06/03/2020 1440 hrs	74786	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74784	06/03/2020 1405 hrs	06/03/2020 2135 hrs	74799	Collinsville North–Clare South Tee King Creek 7128 132 kV line and Strathmore–Clare South 7208 132 kV line	QLD	Lightning	INDJI
74785	06/03/2020 1420 hrs	06/03/2020 1655 hrs	74793	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
74787	06/03/2020 1440 hrs	06/03/2020 2040 hrs	74796	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
74800	06/03/2020 2155 hrs	07/03/2020 0625 hrs	74804	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74801	06/03/2020 2310 hrs	07/03/2020 0815 hrs	74805	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74802	07/03/2020 0320 hrs	07/03/2020 0825 hrs	74806	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
74803	07/03/2020 0440 hrs	07/03/2020 0845 hrs	74807	Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	Lightning	INDJI
74809	07/03/2020 1305 hrs	07/03/2020 1805 hrs	74821	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
74811	07/03/2020 1340 hrs	07/03/2020 1940 hrs	74823	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74810	07/03/2020 1340 hrs	07/03/2020 1540 hrs	74819	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74812	07/03/2020 1350 hrs	07/03/2020 2155 hrs	74824	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74817	07/03/2020 1450 hrs	07/03/2020 2255 hrs	74825	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74820	07/03/2020 1600 hrs	07/03/2020 1805 hrs	74822	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74826	08/03/2020 1315 hrs	08/03/2020 1520 hrs	74834	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI



Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74827	08/03/2020 1315 hrs	08/03/2020 1420 hrs	74831	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74829	08/03/2020 1410 hrs	08/03/2020 1715 hrs	74840	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74830	08/03/2020 1410 hrs	08/03/2020 1715 hrs	74841	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74832	08/03/2020 1440 hrs	08/03/2020 1645 hrs	74839	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74833	08/03/2020 1515 hrs	08/03/2020 1620 hrs	74838	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74844	08/03/2020 1840 hrs	08/03/2020 2140 hrs	74847	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74842	08/03/2020 1840 hrs	08/03/2020 2040 hrs	74846	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
74843	08/03/2020 1840 hrs	08/03/2020 2040 hrs	74845	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74848	09/03/2020 1325 hrs	09/03/2020 1830 hrs	74857	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
74849	09/03/2020 1340 hrs	09/03/2020 1840 hrs	74858	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74859	09/03/2020 2115 hrs	09/03/2020 2215 hrs	74860	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74865	10/03/2020 1420 hrs	10/03/2020 1625 hrs	74872	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
74863	10/03/2020 1420 hrs	10/03/2020 1525 hrs	74867	Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	Lightning	INDJI
74864	10/03/2020 1420 hrs	10/03/2020 1525 hrs	74868	Collinsville – Stoney Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	Lightning	INDJI
74866	10/03/2020 1445 hrs	10/03/2020 1920 hrs	74874	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
74873	10/03/2020 1650 hrs	10/03/2020 2155 hrs	74875	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
74878	11/03/2020 2000 hrs	11/03/2020 2100 hrs	74879	Goonyella – North Goonyella Tee – Stoney Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	Lightning	INDJI
74880	11/03/2020 2245 hrs	11/03/2020 2345 hrs	74881	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
74890	13/03/2020 1655 hrs	13/03/2020 1755 hrs	74891	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74893	13/03/2020 2145 hrs	14/03/2020 0540 hrs	74900	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM
74894	13/03/2020 2250 hrs	14/03/2020 0150 hrs	74897	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
74895	14/03/2020 0000 hrs	14/03/2020 0100 hrs	74896	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
74969	17/03/2020 2110 hrs	17/03/2020 2210 hrs	74970	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
74990	19/03/2020 2100 hrs	19/03/2020 2205 hrs	74991	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
74992	20/03/2020 0140 hrs	20/03/2020 0245 hrs	74993	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
75005	23/03/2020 1030 hrs	23/03/2020 1135 hrs	75006	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75003	24/03/2020 0345 hrs	24/03/2020 0645 hrs	75004	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
75010	25/03/2020 0840 hrs	25/03/2020 1345 hrs	75011	Mt Piper – Wollar 5A3 AND 5A5 330 kV lines	NSW	Lightning	INDJI
75013	25/03/2020 1530 hrs	25/03/2020 1935 hrs	75016	Mt Piper – Wollar 5A3 AND 5A5 330 kV lines	NSW	Lightning	INDJI
75015	25/03/2020 1900 hrs	26/03/2020 0400 hrs	75018	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
75039	28/03/2020 1500 hrs	28/03/2020 1700 hrs	75046	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
75047	28/03/2020 1750 hrs	28/03/2020 2055 hrs	75048	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
75050	29/03/2020 1235 hrs	29/03/2020 1340 hrs	75053	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75051	29/03/2020 1250 hrs	29/03/2020 1355 hrs	75057	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
75059	29/03/2020 1355 hrs	29/03/2020 1700 hrs	75073	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75067	29/03/2020 1420 hrs	29/03/2020 1520 hrs	75071	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75070	29/03/2020 1440 hrs	29/03/2020 1840 hrs	75075	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
75072	29/03/2020 1615 hrs	29/03/2020 1820 hrs	75074	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75076	30/03/2020 0140 hrs	30/03/2020 0240 hrs	75078	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI
75082	30/03/2020 1615 hrs	30/03/2020 1920 hrs	75083	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
75084	30/03/2020 2155 hrs	31/03/2020 0000 hrs	75086	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
75096	02/04/2020 0835 hrs	02/04/2020 0855 hrs	75097	Gordon – Chapel Street No. 1 and No. 2 220 kV lines	TAS	Bushfires	INDJI
75102	03/04/2020 1210 hrs	03/04/2020 2230 hrs	75119	Brinkworth–Davenport, Brinkworth–Templers West and Para–Templers West 275 kV lines	SA	Other	BOM
75103	03/04/2020 1210 hrs	03/04/2020 2230 hrs	75118	Para–Templers West and Magill–Torrens Island A 275 kV lines	SA	Other	BOM
75110	03/04/2020 1955 hrs	04/04/2020 0125 hrs	75138	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
75111	03/04/2020 1955 hrs	03/04/2020 2125 hrs	75114	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
75112	03/04/2020 1955 hrs	03/04/2020 2125 hrs	75113	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
75115	03/04/2020 2150 hrs	03/04/2020 2350 hrs	75135	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
75116	03/04/2020 2210 hrs	03/04/2020 2310 hrs	75122	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
75121	03/04/2020 2250 hrs	03/04/2020 2355 hrs	75136	Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	Lightning	INDJI
75137	04/04/2020 0120 hrs	04/04/2020 0320 hrs	75139	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75140	04/04/2020 0355 hrs	04/04/2020 0555 hrs	75143	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
75141	04/04/2020 0450 hrs	04/04/2020 0550 hrs	75142	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
75157	04/04/2020 1155 hrs	04/04/2020 1600 hrs	75170	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
75156	04/04/2020 1155 hrs	04/04/2020 1300 hrs	75159	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75158	04/04/2020 1240 hrs	04/04/2020 1340 hrs	75160	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
75162	04/04/2020 1400 hrs	04/04/2020 1505 hrs	75164	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75163	04/04/2020 1400 hrs	04/04/2020 1505 hrs	75165	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75166	04/04/2020 1520 hrs	04/04/2020 1620 hrs	75171	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
75169	04/04/2020 1540 hrs	04/04/2020 1840 hrs	75190	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75173	04/04/2020 1640 hrs	04/04/2020 1745 hrs	75189	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
75174	04/04/2020 1640 hrs	04/04/2020 1745 hrs	75188	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75191	04/04/2020 1905 hrs	04/04/2020 2005 hrs	75193	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
75192	04/04/2020 1910 hrs	04/04/2020 2015 hrs	75194	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
75220	05/04/2020 1410 hrs	05/04/2020 1515 hrs	75221	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
75222	05/04/2020 1520 hrs	05/04/2020 1900 hrs	75225	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
75228	06/04/2020 1845 hrs	06/04/2020 1945 hrs	75229	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75235	08/04/2020 1615 hrs	08/04/2020 1715 hrs	75237	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75236	08/04/2020 1645 hrs	08/04/2020 1745 hrs	75238	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
75239	08/04/2020 1910 hrs	08/04/2020 2115 hrs	75240	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
75305	11/04/2020 1345 hrs	11/04/2020 1545 hrs	75323	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75336	13/04/2020 2125 hrs	13/04/2020 2225 hrs	75337	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75389	18/04/2020 1440 hrs	18/04/2020 1940 hrs	75398	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
75390	18/04/2020 1440 hrs	18/04/2020 1840 hrs	75396	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
75391	18/04/2020 1500 hrs	18/04/2020 1700 hrs	75395	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
75392	18/04/2020 1605 hrs	18/04/2020 1905 hrs	75397	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
75400	19/04/2020 0050 hrs	19/04/2020 0350 hrs	75403	Ross to Chalumbin 857 & 858 275 kV transmission lines	NSW	Lightning	INDJI
75399	19/04/2020 0050 hrs	19/04/2020 0150 hrs	75401	Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	Lightning	INDJI
75405	19/04/2020 0730 hrs	19/04/2020 1130 hrs	75409	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
75406	19/04/2020 0730 hrs	19/04/2020 0830 hrs	75408	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	INDJI
75413	19/04/2020 1635 hrs	19/04/2020 1835 hrs	75418	Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	Lightning	INDJI
75412	19/04/2020 1635 hrs	19/04/2020 1735 hrs	75414	Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	Lightning	INDJI
75415	19/04/2020 1740 hrs	20/04/2020 0550 hrs	75423	Para–Templers West and Magill–Torrens Island A 275 kV lines	SA	Other	BOM
75417	19/04/2020 1830 hrs	19/04/2020 2100 hrs	75420	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
75416	19/04/2020 1830 hrs	19/04/2020 2055 hrs	75419	7306 Collinsville – Stony Ck and Collinsville – Newlands 132 kV lines	QLD	Lightning	INDJI
75462	23/04/2020 0750 hrs	23/04/2020 0855 hrs	75463	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75497	29/04/2020 1425 hrs	29/04/2020 1930 hrs	75507	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI
75498	29/04/2020 1450 hrs	29/04/2020 1950 hrs	75508	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI

Start MN	Start of Event	End of Event	End MN	Equipment	Region	Reason	Source
75503	29/04/2020 1540 hrs	29/04/2020 1740 hrs	75505	Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	Lightning	INDJI
75504	29/04/2020 1740 hrs	29/04/2020 1840 hrs	75506	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI
75509	29/04/2020 2005 hrs	29/04/2020 2205 hrs	75510	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI
75511	30/04/2020 0430 hrs	30/04/2020 0730 hrs	75512	Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	Lightning	INDJI
75516	30/04/2020 1325 hrs	30/04/2020 2125 hrs	75531	Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	Lightning	INDJI
75522	30/04/2020 1710 hrs	30/04/2020 1810 hrs	75523	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75525	30/04/2020 1830 hrs	01/05/2020 2220 hrs	75542	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Other	BOM
75524	30/04/2020 1830 hrs	01/05/2020 2200 hrs	75543	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Other	BOM
75526	30/04/2020 1830 hrs	30/04/2020 2130 hrs	75532	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
75527	30/04/2020 1925 hrs	30/04/2020 2125 hrs	75530	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
75528	30/04/2020 1925 hrs	30/04/2020 2025 hrs	75529	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	INDJI

# A2. Number of reclassification events on each element, 1 November 2019 to 30 April 2020

**Table 3** Number of times reclassification events occurred on each element, 1 November 2019 to 30 April 2020

Element	Region	Number of times reclassified				
		Bushfires	Lightning	Severe weather	Other	Total
Armidale – Koolkhan 996 132 kV line and Armidale – Coffs Harbour 96C 132 kV line	NSW	2	0	0	0	2
Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire WF 8E 330 kV line	NSW	2	0	0	0	2
Bannaby – Mt Piper 5A6 and 5A7 500 kV lines	NSW	1	0	0	0	1
Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	3	0	0	0	3
Bayswater – Mt Piper No.5A3 and Wollar – Mt Piper No.5A5 500 kV line	NSW	1	9	0	0	10
Bayswater – Regentville 31 330 kV line and Bayswater – Sydney West 32 330 kV lines	NSW	4	0	0	0	4
Canberra – Upper Tumut 01 and Yass – UpperTumut 02 330 kV line	NSW	1	0	0	0	1
Coffs – Lismore (89) 330 kV line and Koolkhan – Lismore (967) 132 kV line	NSW	2	0	0	0	2
Eraring – Kemps Creek 5A1 and 5A2 500 kV lines	NSW	3	0	0	0	3
Loss of multiple generating units NSW region	NSW	1	0	0	0	1

Element	Region	Number of times reclassified				
		Bushfires	Lightning	Severe weather	Other	Total
Mt Piper – Wollar 5A3 AND 5A5 330 kV lines	NSW	0	2	0	0	2
Murray – Lower Tumut 66 330 kV line and Lower Tumut – Upper Tumut 64 330 kV line	NSW	1	0	0	0	1
Murray – Upper Tumut 65 330 kV line and Murray – Lower Tumut 66 330 kV line	NSW	1	1	0	0	2
Murray Upper Tumut 65 and Lower Tumut – Upper Tumut 64 330 kV line	NSW	1	0	0	0	1
Sydney South – Wallerawang 76 330 kV line and Ingleburn – Wallerawang 77 330 kV line	NSW	3	0	0	0	3
Vineyard – Eraring 25 330 kV line and Munmorah – Sydney West 26 330 kV line	NSW	2	0	0	0	2
Collinsville – Stony Creek No. 7306 132 kV line and Collinsville – Newlands No. 7121 132 kV line	QLD	0	53	0	0	53
Bulli Creek – Dumaresq 8L and 8M 330 kV line	QLD	0	75	0	0	75
Chalumbin – Turkinjie No. 7165 and No. 7166 132 kV lines	QLD	0	88	0	0	88
Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	0	46	0	0	46
Collinsville North – Proserpine No. 7125 132 kV line and Collinsville North – Proserpine No. 7126 132 kV line	QLD	0	14	0	0	14
Collinsville North – Clare South Tee King Creek 7128 132 kV line and Strathmore – Clare South 7208 132 kV line	QLD	0	26	0	0	26
Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	0	15	0	0	15
Goonyella – North Goonyella Tee – Stony Creek No. 7122 and the Goonyella – Newlands No. 7155 132 kV lines	QLD	0	47	0	0	47
Moranbah – Goonyella No. 7370 132 kV line and Moranbah – Goonyella No. 7369 132 kV line	QLD	0	1	0	0	1



Element	Region	Number of times reclassified				
		Bushfires	Lightning	Severe weather	Other	Total
Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	0	2	0	0	2
Ross to Chalumbin 857 & 858 275 kV transmission lines	QLD	0	100	0	0	100
Strathmore – Clare South 7208 132 kV line and Collinsville North – Tee King Creek – Clare South 7128 132 kV line	QLD	0	42	0	0	42
Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	0	42	0	0	42
Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	0	0	4	0	4
Davenport – Mt Lock and Davenport – Belalie 275 kV lines	SA	0	0	1	0	1
Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	0	0	6	0	6
Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	0	4	0	0	4
Chapel Street Liapootah No. 2 220 kV line and the Chapel Street S752 220 kV circuit breaker tripped	TAS	0	0	0	1	1
Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	0	20	0	0	20
Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	0	17	0	0	17
Farrell Reece No. 1 and No. 2 220 kV lines	TAS	0	14	0	0	14
Gordon – Chapel Street No. 1 and No. 2 220 kV lines	TAS	1	0	0	0	1
Lindisfarne – Mornington Tee – Rokeby No. 1 110 kV line and Lindisfarne – Mornington Tee – Rokeby No. 2 110 kV line	TAS	0	1	0	0	1
Lindisfarne – Sorell 110 kV line and Lindisfarne – Sorell Triabunna Tee 110 kV line	TAS	0	3	0	0	3

Element	Region	Number of times reclassified				
		Bushfires	Lightning	Severe weather	Other	Total
Norwood – Scottsdale – Derby 110 kV line and Norwood – Scottsdale 110 kV line	TAS	0	8	0	0	8
Sheffield – Wesley Vale 110 kV line and Sheffield – Devonport 110 kV line	TAS	0	10	0	0	10
Tungatinah – New Norfolk tee Meadowbank No. 1 and No. 2 110 kV lines	TAS	0	3	0	0	3
Bendigo – Kerang 220 kV line	VIC	0	1	0	0	1
Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	0	41	0	0	41
Dederang – South Morang No. 1 and No. 2 330 kV lines	VIC	2	0	0	0	2
Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	1	47	0	0	48
Hazelwood PS – Rowville No. 1 and 2 220 kV lines	VIC	0	44	0	0	44

# A3. Non-credible contingency events, 1 November 2019 to 30 April 2020

Table 4 lists all *non-credible contingency events* that occurred during the reporting period, and AEMO's assessment of whether to reclassify each event as credible. The rows highlighted in blue in Table 4 explain the contingency events corresponding to the reclassifications highlighted in blue in Appendix A1.

**Table 4 Non-credible contingency events, 1 November 2019 to 30 April 2020**

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
<b>06/11/2019 1852 hrs</b>	Trip of Farrell – Reece 1 and 2 220 kV lines	TAS	Lightning	Yes	This incident resulted in the disconnection of 111 MW of generation at Reece Power Station. TasNetworks advised that the cause was likely to be lightning. AEMO reclassified the simultaneous trip of both Farrell – Reece 1 and 2 220 kV lines as a credible contingency event due to the lightning activity in the vicinity of the lines. The reclassification was cancelled at 2059 hrs on 06/11/2019 after the lightning activity had moved away from the lines.
<b>16/11/2019 1806 hrs</b>	Trip of Heywood – APD – Mortlake and Heywood – APD – Tarrone 500 kV lines	VIC	Protection and Control	No	The trip resulted in South Australia separating from the rest of the NEM and 467 MW of APD load being interrupted. AusNet advise that the suspect cause of trip was communications/protection related. At 1905 hrs, the cause of trip was identified as a faulty multiplexer at APD. AEMO did not reclassify this event as credible since the cause has been identified and the faulty multiplexer has been isolated.
<b>26/11/2019 1214 hrs</b>	Trip of South Pine No. 1 275 kV bus and South Pine No.5 275/110 kV transformer	QLD	Faulty Equipment	No	The incident involved a high voltage fault internal to a 275 kV current transformer (CT) associated with circuit breaker (CB) 5452 at South Pine Substation. All protection systems at South Pine Substation operated correctly as designed and the high voltage fault was isolated. AEMO did not reclassify this event as credible as the cause has been identified and the faulty CT has been isolated.

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
20/12/2019 2040 hrs	Trip of Angas Ck – Para 132 kV line and the Angas Ck – Mannum 132 kV line (the second line tripped at the Angas Ck end only)	SA	Protection and Control	No	ElectraNet informed AEMO that when they returned the Angas Ck – Para line to service, the trip of Angas Ck – Mannum 132 kV line at the Angas Ck end only was due to the protection mal-operation on the Angas Ck – Mannum line. AEMO did not reclassify this event as credible as the cause has been identified and rectified.
21/12/2019 1958 hrs	Trip of the Bayswater– Mt Piper 5A3 and Mt Piper – Wollar 5A5 500 kV lines and the Mt Piper No. 1 generator	NSW	Bushfires (for the trip of lines)  Protection and Control (for the trip of generator)	No	AEMO has already reclassified the trip of 5A3 and 5A5 500 kV lines as credible due to bushfires when this event occurred. Energy Australia (EA) advised that Mt Piper No. 1 generator tripped due to the loss of transformer cooling fans during the trip of 5A3 and 5A5 500 kV lines. EA has done some modifications to the relays to allow the generator to ride through for future events.
21/12/2019 1631 hrs	Trip of Mt Piper–Wollar 5A5 500 kV line and Muswellbrook No. 1 330/132 kV transformer	NSW	Bushfires (for the trip of line)  Faulty Equipment (for the trip of transformer)	No	TransGrid advised that the protection and control schemes all operated as designed during this event. The primary cause for the 5A5 line trip is attributed to the bushfires. The primary cause for the Muswellbrook No. 1 330 kV transformer trip is attributed to an oil surge into the transformer. AEMO did not reclassify this event as credible as the cause has been identified.
30/12/2019 1923 hrs	Trip of the No. 1 220 kV busbar at Jeeralang Terminal Station (JLTS)	VIC	Faulty Equipment	No	Jeeralang No. 1 220 kV bus tripped while the Jeeralang Gas Station (JLGS) B1 and B2 units were ramping down. AusNet advised that the incident was due to the failure of the JLGS B3 transformer CB. The backup protection operated as expected to trip the busbar. AEMO did not reclassify this event as credible since the cause has been identified and the faulty CB has been isolated.

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
04/01/2020 1512 hrs	Trip of 970, 990 and 991 132 kV lines between Wagga and Yass	NSW	Power Swing	No	On 04/01/2020, severe bushfire activity in the Snowy Mountains area resulted in a series of outages of multiple 330 kV transmission lines in the Snowy Mountains area. Approximately two seconds after the trip of the Murray - Tumut 66 330 kV line, the 990 line tripped at both Yass and Wagga 132, the 970 line tripped at Yass and the 991 line tripped at Wagga North. These trips split the 132 kV network between Wagga and Yass, resulting in the separation of the Victoria and New South Wales regions. AEMO considers this event as non-credible since the trips were not related to operation of the Yass Overload control scheme. AEMO did not reclassify this event as credible since protection systems operated as expected under the presence of a power swing passing through 970, 990 and 991 lines.
06/01/2020 2207 hrs	Trip of Vales Point generator 330 kV bus and Vales Point No. 1 330/132 kV transformer	NSW	Faulty Equipment	No	TransGrid identified the cause as a flash over of the insulator on Vales Point generator 330 kV Bus. Due to the loss of redundancy of station auxiliary supplies, AEMO reclassified the simultaneous loss of multiple generating units at Vales Point Power Station as a credible contingency event.
09/01/2020 2348 hrs	Trip and reclose of Munmorah – Tuggerah 2M and Munmorah – Sydney West 26 330 kV lines (the second line tripped at the Sydney West end only)	NSW	Faulty Equipment	Yes	The event was reclassified as credible and the cause was initially unknown. TransGrid later advised that a faulty relay at Munmorah has been replaced and the non-credible contingency is unlikely to re-occur. The reclassification was cancelled at 2010 hrs on 10/01/2020.
10/01/2020 1526 hrs	Trip of Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Bushfire	Yes	AusNet advised that the likely cause was a bushfire within the vicinity of the lines. AusNet later confirmed that the bushfire that caused the non-credible contingency remained a probable threat to the transmission lines. AEMO reclassified this event as credible at 1640 hrs on 11/01/2020. The reclassification was cancelled at 2305 hrs on 14/01/2020.
12/01/2020 1529 hrs	Trip and auto-reclose of Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	QLD	Lightning	Yes	Powerlink advised that the simultaneous trip of both lines was due to lightning. AEMO reclassified this event as credible due to lightning. The reclassification was cancelled at 2015 hrs on 12/01/2020 since there was no longer any lightning activity in the vicinity of these lines.
13/01/2020 0149 hrs	Trip of Waterloo 132 kV South bus, Waterloo No.5 132/33 kV transformer and Waterloo – Hummocks 132 kV line	SA	Faulty Equipment	No	ElectraNet advised that the Waterloo 132 kV South bus CB 7022 failed to open initiating a trip of CB 7021 which tripped the Waterloo to Hummocks 132 kV line. The protection operated as intended for a CB failure. There was a fault on Waterloo No.5 132/33 kV transformer. The transformer remains out of service for repairs. AEMO did not reclassify this event as credible since the cause has been identified.

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
16/01/2020 0531 hrs	Trip of Chapel St – Liapootah No. 2 line and Chapel St CB S752	TAS	Protection and Control	Yes	The Chapel Street Liapootah No. 2 220 kV line successfully auto reclosed but Chapel Street 220 kV CB S752 remained out of service until manually closed. AEMO reclassified the simultaneous trip of Chapel St – Liapootah No. 2 220 kV line and Chapel St S752 220 kV CB as credible. TasNetworks later advised that incorrect trip settings were previously applied. The reclassification was cancelled at 1900 hrs on 17/01/2020 as the cause has been identified and rectified.
16/01/2020 0732 hrs	Trip of Lindisfarne – Mornington Tee – Rokeby No. 1 and No. 2 110 kV lines	TAS	Lightning	Yes	TasNetworks confirmed that event was a simultaneous 3 phase trip due to lightning. The lines were subsequently declared vulnerable and will be reclassified as credible when lightning presents in the vicinity.
17/01/2020 0802 hrs	Trip of Nebo – Wotonga 7118 132 kV line and Wotonga No. 1 SVC	QLD	Protection and Control	Yes	The cause of event was initially unknown and AEMO reclassified this event as credible. On 23/01/2020, Powerlink advised that the trip was caused by malgrade in the SVC protection settings. Powerlink indicated that the settings change is likely to be delayed until July 2020. The reclassification remains in place pending further information from Powerlink.
20/01/2020 0004 hrs	Trip of Torrens Island A 275 kV West bus	SA	Faulty Equipment	No	Electranet advised indication of a heavy fault at a number of sites. At 0150 hrs on 20/01/2020 ElectraNet advised that cause of trip was due to CT failure on the 275 kV CB of the West tie transformer. The protection operated as per design. AEMO did not reclassify this event as credible since the cause has been identified and isolated.
24/01/2020 1546 hrs	Trip of Nebo – Strathmore 8845 275 kV line at Strathmore end only	QLD	Human Error	No	Staff working at the Nebo end inadvertently sent an inter-trip to the Strathmore end. line was manually reclosed at 1548 hrs. AEMO did not reclassify this event as credible since the cause has been identified and the event is unlikely to re-occur.
25/01/2020 0020 hrs	Trip of Chalumbin – Ross 857 and 858 275 kV line, Edmonton – Innisfail 7139 132 kV line, Tully – Woree 7301 132 kV line and Mt Emerald – Walkamin 8903 275 kV line	QLD	Lightning	Yes	At 0245 hrs Powerlink advised of a lightning strike on the Chalumbin – Ross 857 and 858 275 kV lines. Due to the simultaneous trip of lines 857 and 858, the 132 kV lines 7139 and 7301 tripped due to overloading. The lines 7139 and 7301 opened by Y protection and reclosed as per design, 8903 opened by X and Y protection and manually reclosed. AEMO reclassified the trip of Ross – Chalumbin 857 and 858 275 kV lines as credible due to lightning. The reclassification was cancelled at 0434 hrs on 25/01/2020 since there was no longer any lightning activity in the vicinity of the lines.
25/01/2020 1248 hrs	Trip of Lismore – Mullumbimby tee Dunoon 9U6 and 9U7 132 kV lines	NSW	Unknown (Likely to be lightning)	Yes	With both 9U6 and 9U7 lines opened at Mullumbimby this caused all legs of Directlink to trip by design. Lightning storms were present in the area at the time. AEMO reclassified this event as credible due to insufficient information provided to determine the exact cause of event. The reclassification remains in place until the cause is determined.

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
27/01/2020 1738 hrs	Trip of Kemps Creek A 330 kV busbar	NSW	Faulty Equipment	No	The No. 2 330 kV capacitor was being switched out of service at the time of trip. The root cause was an internal flashover of the red phase CT on the No. 2 capacitor. AEMO did not reclassify this event as credible since the cause has been identified and the capacitor was isolated.
31/01/2020 1324 hrs	Trip of Moorabool – Mortlake 500 kV line, Moorabool – Haunted Gully 500 kV line and APD Potlines	VIC	Severe Weather	No	Moorabool – Mortlake 500 kV line and the Moorabool – Haunted Gully 500 kV line tripped resulting in South Australia separating from Victoria and at APD, Potline 1 and Potline 2 tripped. At 1500 hrs AEMO was advised that the 2 transmission lines had suffered tower damage and would be on an extended outage. AEMO did not reclassify this event as credible since the two circuits remained out of service until temporary circuits were commissioned.
01/02/2020 0637 hrs	Trip of Braemar – Kumbarilla Park 275 kV 8883 line opened at the Kumbarilla Park end only	QLD	Faulty Equipment	No	Isolator 5411 inadvertently opened due to a fault on the RTU (remote terminal unit) backplane. The RTU backplane was replaced and all original cards were re-installed and tested. The incident was not reclassified as credible as the cause was identified, rectified and unlikely to re-occur.
01/02/2020 1307 hrs	Trip of Munmorah Main 330 kV bus	NSW	Protection and Control	No	There was planned maintenance work on 232M 330 kV CB. TransGrid advised that during the planned work, current in the earth loop triggered the bus to trip. AEMO did not reclassify the event as credible since the cause has been identified and the event is unlikely to re-occur.
07/02/2020 0411 hrs	Trip of Liddell No. 1 generator unit and Liddell – Muswellbrook 83 line	NSW	Faulty Equipment	No	TransGrid advised that unit 1 at Liddell tripped on pole discrepancy on CB 5212 failed to open on white phase. Liddell – Muswellbrook 83 line tripped at Muswellbrook due to the disturbance. AEMO did not reclassify this event as credible since the cause has been identified and the faulty CB was isolated.
10/02/2020 1243 hrs	Trip of Sydney South – Beaconsfield 330 kV 41 cable at Beaconsfield end, then at Sydney South end	NSW	Human Error	No	This event was determined to be a fault in the Set 1 protection due to human error. The protection was isolated, and the feeder was returned to service. AEMO did not reclassify this event as credible since the cause has been identified.
12/02/2020 2124 hrs	Trip of Braemar – Kumbarilla Park 275 kV 8883 line at Kumbarilla Park end only	QLD	Faulty Equipment	No	The trip was due to an issue with the the isolator 5411 RTU. AEMO did not reclassify this event as credible since the cause has been identified and the event is unlikely to re-occur.

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
17/02/2020 0519 hrs	Trip and auto-reclose of Bayswater – Mt Piper 5A3 and Wollar – Mt Piper 5A5 500 kV lines	NSW	Lightning	Yes	At 0602 TransGrid advised that both lines tripped due to lightning. AEMO considered both 5A3 and 5A5 lines to be vulnerable with a category of probable due to lightning. AEMO then reclassified this event as credible due to lightning. The reclassification was cancelled at 2140 hrs on 17/02/2020 as there was no longer lightning in the vicinity.
21/02/2020 1418 hrs	Trip of Eraring Power Station and substation	NSW	Human Error	No	At 1607 hrs 21/02/2020, TransGrid advised that an inadvertent operation of the unit 3 generator auxiliary 11 kV/415 V transformer by Eraring Power Station operator caused unit 3 generator to trip and a delayed trip of 3A and 3B generator transformers. AEMO did not reclassify this event as credible since the cause has been identified.
26/02/2020 2350 hrs	Trip and auto-reclose of Calvale – Stanwell 8873 and 8874 lines	QLD	Lightning	No	Bay coupler CB opened at both Stanwell and Calvale. Powerlink confirmed that the single pole trip and reclose on both lines was due to lightning. AEMO did not reclassify this event as credible as the cause has been identified.
06/03/2020 0503 hrs	Trip of Bouldercombe 275 kV CB 5022	QLD	Protection and Control	No	The cause of the trip was identified as a faulty control card which was replaced prior to returning CB 5022 to service. AEMO did not reclassify this event as credible since the cause has been identified and the faulty card was replaced.
01/04/2020 1541 hrs	Trip of Snuggery 132 kV generator bus	SA	Faulty Equipment	No	ElectraNet confirmed that the trip was caused by an issue with the No.3 generator 11 kV CB during test runs. AEMO did not reclassify this event as credible since the CB has been isolated and the event is unlikely to re-occur.
11/04/2020 1326 hrs	Trip of Yallourn W1, W3 and W4 units and MacArthur Wind Farm (WF) 4 collector groups	VIC	Protection and Control	Yes	Yallourn Power Station "A" auxiliary transformer tripped due to a fault on the overhead line section of the auxiliary transformer causing the trip of W3 unit. Failure of internal change-over between auxiliary transformers caused the trip of W1 and W4 units. As per design only one unit is to trip for the trip of one auxiliary transformer and the other two units are to change over to the standby auxiliary transformer, which failed in this case. AGL advised that MacArthur WF collector groups tripped due to unexpected operation of Rate of Change of Frequency (ROCOF) protection. AEMO did not reclassify this event as credible at that time since the cause has been identified and rectified.  Update (03/07/2020):  Following further investigation with EnergyAustralia (EA), AEMO identified a credible risk of losing three Yallourn units (1, 3 and 4) simultaneously for a phase to earth fault close to the station auxiliary transformer. AEMO has reclassified the simultaneous loss of Yallourn W1, W3 and W4 generating units as credible at 1900 hrs on 03/07/2020. The reclassification will stay in place until it can be assured that a



Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
					single fault will not result in the tripping of multiple generating units. This reclassification will be captured in the next reclassification report.

# A4. Binding reclassification constraints, 1 November 2019 to 30 April 2020

**Table 5** Reclassification constraints that bound, 1 November 2019 to 30 April 2020

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of Dispatch Intervals binding
02/11/2019 0025 hrs	02/11/2019 0130 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_TG_R5	5
			F_T+FASH_N-2_TG_R6_2	13
06/11/2019 1620 hrs	06/11/2019 1720 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_T_FASH_7_N-2	12
06/11/2019 1920 hrs	06/11/2019 2050 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_T_FASH_1_N-2	19
			T_T_FASH_3_N-2	3
			F_T+FASH_N-2_TG_R5	4
			F_T+FASH_N-2_TG_R60	2
			F_T+FASH_N-2_TG_R6_1	8
			F_T+FASH_N-2_TG_R6_2	14
07/11/2019 0740 hrs	07/11/2019 1040 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_T_FASH_7_N-2	36
07/11/2019 1405 hrs	07/11/2019 1500 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_T_FASH_7_N-2	11

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of Dispatch Intervals binding
26/11/2019 0240 hrs	26/11/2019 0345 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_RREG	3
			F_T+FASH_N-2_TG_R6_2	5
			F_T+FASH_N-2_TG_R5	8
			T_T_FASH_1_N-2	12
			F_T+FASH_N-2_TG_R60	11
			T_T_FASH_10_N-2	5
			F_T+FASH_N-2_TG_R6_1	7
30/11/2019 1300 hrs	30/11/2019 1400 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_T_FASH_1_N-2	11
			T_T_FASH_10_N-2	3
20/12/2019 2130 hrs	20/12/2019 2320 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_FASH_MAXGEN_1	22
			F_T++FASH_N-2_TG_R60	2
			F_T+FASH_N-2_RREG	2
20/12/2019 2040 hrs	20/12/2019 2300 hrs	Farrell Reece No. 1 and No. 2 220 kV lines	F_T++FARE_N-2_TG_R6	10
21/12/2019 0040 hrs	21/12/2019 0130 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T++FASH_N-2_TG_R5	1
			F_T++FASH_N-2_TG_R6	10
			T_FASH_MAXGEN_1	10
			F_T++FASH_N-2_TG_R60	6
30/12/2019 1750 hrs	30/12/2019 2335 hrs		F_T++FARE_N-2_TG_R6	13

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of Dispatch Intervals binding
		Farrell Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R5	6
			F_T+FARE_N-2_TG_R60	4
			F_T+FARE_N-2_TG_R6_2	6
30/12/2019 1810 hrs	30/12/2019 2335 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T>T_FASH_1_N-2	8
			F_T++FASH_N-2_TG_R60	4
			F_T+FASH_N-2_RREG	4
			F_T++FASH_N-2_TG_R5	1
			F_T+FASH_N-2_TG_R6_2	3
			F_T+FASH_N-2_TG_R60	5
			T_FASH_MAXGEN_1	3
			F_T+FASH_N-2_TG_R5	3
30/12/2019 2355 hrs	31/12/2019 0155 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_RREG	1
15/01/2020 1030 hrs	15/01/2020 1435 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_RREG	2
			T>T_FASH_1_N-2	12
15/01/2020 1130 hrs	15/01/2020 1435 hrs	Farrell Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R6_1	1
15/01/2020 1440 hrs	15/01/2020 1640 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T>T_FASH_1_N-2	24

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of Dispatch Intervals binding
23/01/2020 1500 hrs	23/01/2020 1600 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_T_FASH_2_N-2	12
20/03/2020 0140 hrs	20/03/2020 0245 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_T_FASH_2_N-2	12
03/04/2020 1955 hrs	04/04/2020 0125 hrs	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T_T_FASH_10_N-2	65
			F_T++FASH_N-2_TG_R6	4
			T_T_FASH_1_N-2	64
			F_T+FASH_N-2_RREG	1
			F_T++FASH_N-2_TG_R60	13
			T_T_FASH_2_N-2	1