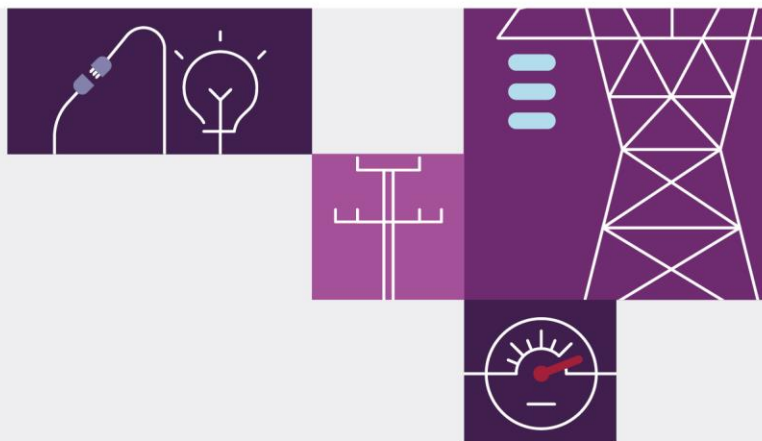


Review of Power System Reclassifications – 1 November 2022 to 30 April 2023

September 2023

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 2022 to 30 April 2023 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 NER 4.2.3A(i) to report on reclassification decisions every six months. This report covers the period from 1 November 2022 to 30 April 2023 (reporting period). The report includes:

1. An explanation of how AEMO applied the reclassification criteria for each reclassification decision;
2. AEMO's appraisal of:
 - (i) the appropriateness and effectiveness of the reclassification criteria and the measures implemented to maintain power system security as a result of reclassification decisions;
 - (ii) any need to review and amend the reclassification criteria before the next review under NER 4.2.3B(b); and
3. AEMO's analysis of reclassification trends during the relevant period.

The reporting period straddles the effective date of the National Electricity Amendment (Enhancing operational resilience in relation to indistinct events) Rule 2022 on 9 March 2023, which resulted in revised reporting requirements and updated reclassification criteria.

This document uses terms defined in the NER, with the same meanings.

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

2 Overview

There was a total of 611 reclassifications in this reporting period, compared to 563 during the previous summer reporting period (1 November 2021 to 30 April 2022), noting that this is the first report since updated reclassification criteria commenced from 9 March 2023.

The total number of reclassifications was higher compared to last summer period, and lower than the historical summer period average observed in recent years (684 since 2018).

AEMO considers that all reclassifications in this reporting period were appropriately determined in accordance with the reclassification criteria in AEMO's Power System Security Guidelines SO_OP_3715¹, for the relevant abnormal conditions. There were two instances when forecast severe wind conditions likely met the reclassification criteria but were not reclassified, instead AEMO declared existence of abnormal conditions. No contingency events occurred as a result of these conditions and no additional constraint equations were invoked during the conditions. Both these instances occurred in the first week following the introduction of the new reclassification criteria, and this is unlikely to occur again.

During the reporting period, there were no days where conditions for protected event were met.

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

AEMO considers the current reclassification criteria, which were reviewed with effect from 9 March 2023, are appropriate and effective to maintain power system security for increased risks resulting from abnormal conditions and has not identified any need to review the reclassification criteria at this stage.

¹ AEMO, Power System Security Guidelines. Power system operating procedures are available at <https://aemo.com.au/energy-systems/electricity/national-electricity-market-nem/system-operations/power-system-operation/power-system-operating-procedures>.

² 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 state³ following the loss of a single major transmission or generation element. These events are defined as credible contingency events⁴, being⁵:

- *the failure or removal from operational service of plant; or*
- *a sudden and unplanned change to the level of output, consumption or power flow of plant,*

the occurrence of which AEMO considers to be reasonably possible in the surrounding circumstances, including the technical envelope of the power system.

A non-credible contingency event is a contingency event other than a credible contingency event. Examples (in normal system conditions) 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 are defined in the NER as *conditions posing added risk to the power system including, without limitation, severe weather conditions, lightning, storms and bush fires*⁶.

³ Refer to NER 4.2.2.

⁴ Refer to NER 4.2.3.

⁵ The definition of *contingency event* in the NER was amended with effect from 9 March 2023.

⁶ Refer to NER 4.2.3A(a).

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 set out in AEMO's Power System Security Guidelines SO_OP_3715⁷ by reference to identified abnormal conditions that may affect the power system:

- Bushfires.
- Lightning.
- Specific risks relating to plant operation.
- Severe wind (including tropical cyclones).
- Geomagnetic disturbances.
- Floods.
- Widespread pollutants.
- Landslides.
- Sudden or unexpected changes to solar generation.
- Earthquakes and tsunamis.
- Large scale social unrest.
- Cyber attack.

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

⁷ AEMO published a new version of Power System Security Guidelines SO_OP_3715, effective 9 March 2023, which introduced more reclassification criteria categories.

5 Reclassification decisions, 1 November 2022 to 30 April 2023

Reclassification decisions in the current reporting period are primarily based on the reclassification criteria effective prior to 9 March 2023. From 9 March 2023, further reclassification categories were included into the reclassification criteria as detailed in Table 1. The comparison to previous reporting periods will focus on standing categories that continue to dominate the reclassification events, for example lightning events. Future reports will examine any emerging trends in the recently added categories.

AEMO reclassified 611 events during the reporting period, an increase of 48 events from the same period in 2022. Table 1 summarises these events. Refer to Appendix A1 for a complete list of events.

Table 1 Reclassification decisions for period 1 November 2022 to 30 April 2023

Criteria	Number of reclassifications	Incidence of contingency occurring during reclassification
Bushfires	6	0
Lightning	581	0
Specific risks relating to plant operation ^A	10	0
Severe wind	13	0
Geomagnetic disturbances	0	0
Floods	0	0
Widespread pollutants	0	0
Landslides	0	0
Sudden or unexpected changes to solar generation	1	0
Earthquakes and tsunamis	0	0
Large scale social unrest	0	0
Cyber attack	0	0
Total for period	611	0

A. Includes reclassifications due to occurrence of non-credible contingency events or other reasons.

Each reclassification decision was made after considering the reclassification criteria for the relevant abnormal conditions, as specified in SO_OP_3715 at the time of the reclassification decision and determining that the criteria had been met.

Most of these events were reclassified due to:

- Lightning,
- Severe wind,
- Specific risk relating to plant operation, and
- Bushfires.

There were no incidents of the reclassified contingency event occurring during the period of reclassification.

Figure 1 shows the number of reclassifications per region for the reporting period. There was one “multiple” region reclassification due to solar eclipse, which impacted Queensland, New South Wales, Victoria and South Australia.

Figure 1 **Reclassifications per region, 1 November 2022 to 30 April 2023**

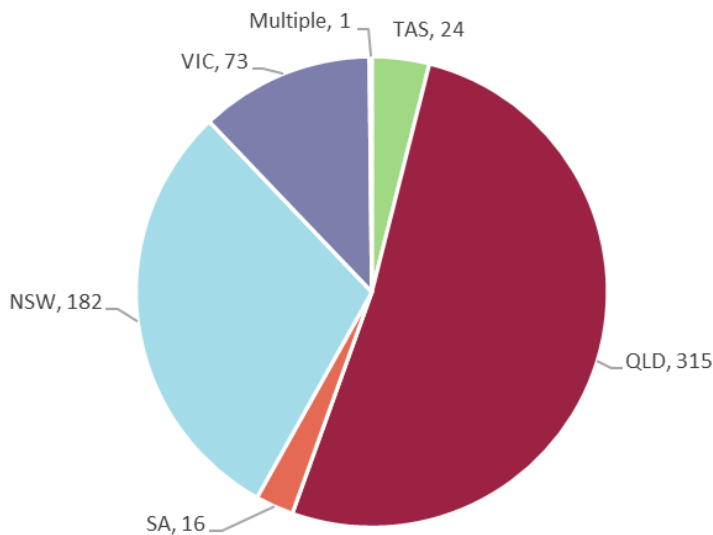
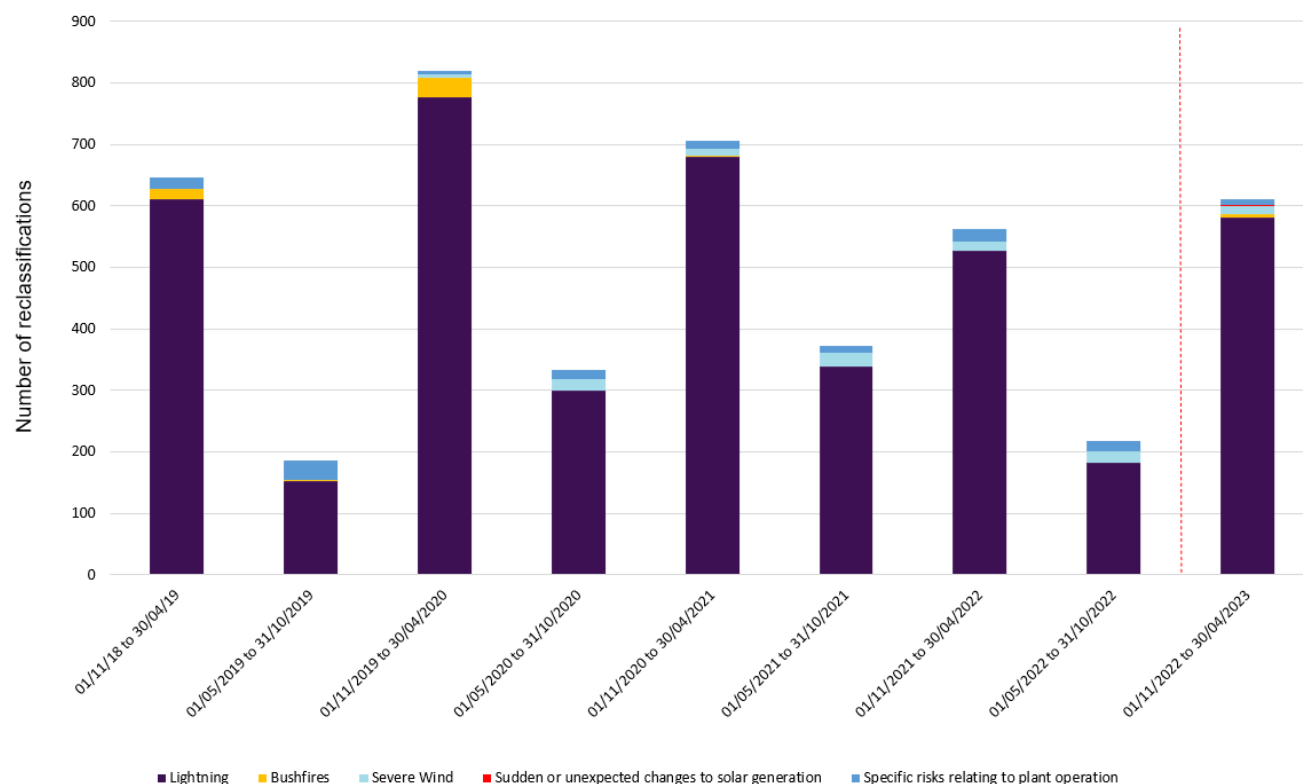


Figure 2 shows the historical trend of reclassifications by reclassification criteria category since 2018. The dotted red line designates the time that reporting commenced under the revised reclassification criteria (effective 9 March 2023).

Figure 2 Historical reclassifications, 2018 to 2023


Note: “Severe weather” category has been renamed to “Severe wind” since reclassification criteria considers added risk to the power system posed by high intensity wind activity during the observed/forecast Severe Weather Conditions. The new category “Specific risks relating to plant operation” includes reclassifications that used to be under the “Other” category in previous reports. Dotted red line marks the commencement of the review of reclassification events under the revised contingency event reclassification criteria (indistinct events rule change).

Appendix A3 lists all the reclassified elements and the number of times they were reclassified during the reporting period.

The total number of reclassifications in this reporting period was lower than the historical summer period average observed in recent years (684 since 2018).

The number of reclassified transmission elements increased in this reporting period compared to the previous reporting period (1 May 2022 to 31 October 2022), from 28 to 30, but decreased compared to last summer period (1 November 2021 to 30 April 2022), from 36 to 30.

The majority of regions experienced a decrease in reclassifications compared to last summer period; only **Queensland** and **New South Wales** recorded an increase. The number of reclassifications increased by 9% overall, from 563 in the previous summer to 611 this reporting period. Compared to the previous summer, the largest increase was observed for reclassifications due to lightning, which increased from 527 to 584.

Queensland experienced the largest increase in reclassifications compared to the previous summer period (230 to 316). The Chalumbin – Turkinje 7165 and 7166 132 kilovolt (kV) lines were reclassified 79 times due to lightning during the reporting period, compared to none during the previous summer period.

New South Wales reclassifications increased to 182, compared to 109 for the previous summer period.

Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines and Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV lines were reclassified 80 times each due to lightning, contributing the most to reclassifications in New South Wales for the reporting period.

Both **Victoria** and **Tasmania** recorded a significant reduction in reclassifications compared to the previous summer period (149 to 73 and 55 to 24 respectively). In Victoria, all reclassifications during the reporting period were for the Eildon – Mt Beauty No. 1 and No. 2 220 kV lines, except one for the Kerang – Wemen – Red Cliffs 220 kV line and Kiamal solar farm transformer. In Tasmania, Farrell – John Butters 220 kV line and Farrell – Rosebery Tee Queenstown – Newton 110 kV lines were reclassified nine times due to lightning during the reporting period, similar to the previous summer period (11 times). Basslink DC link was also reclassified once due to lightning in this reporting period.

The number of reclassifications in **South Australia** during this reporting period was similar to the previous summer period.

Reclassifications due to severe wind (identified through severe weather warnings) reduced slightly compared to the previous summer period, from 15 instances down to 13 instances. All reclassifications due to severe wind during this reporting period were in **South Australia**, for the Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines and Para – Templers West and Magill – Torrens Island A 275 kV lines.

Reclassifications due to specific risks relating to plant operation (previously classified as ‘other’ abnormal conditions) decreased by 11 (from 21 to 10) compared to the previous summer period.

6 Non-credible contingency events, 1 November 2022 to 30 April 2023

During the reporting period, 16 non-credible contingency events occurred. By the end of this reporting period, AEMO had reclassified 11 of these events as credible contingency events, after assessing there was a risk of the event reoccurring.

Appendix A1 lists all reclassifications during the reporting period. Note that the following reclassifications cancelled within this reporting period were initially reclassified before the period and are therefore not listed in Appendix A1:

- Loss of any transmission line in Tasmania and Basslink Interconnector, for Basslink flow in the direction of Victoria to Tasmania only, on 16 December 2014.
- Trip of all the generators at Darling Downs Power Station on 26 October 2022.
- Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines on 30 October 2022.
- Tarong – Chinchilla 7183 and 7168 132 kV lines on 31 October 2022.
- Condabri North – Condabri Central 7400 132 kV line and Condabri North – Condabri Central 7401 132 kV line on 31 October 2022.

Appendix A4 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 teal in Appendix A4 explain the contingency events corresponding to the reclassifications highlighted in teal in Appendix A1.

Reclassifications of non-credible contingency events that occurred in this reporting period and remain reclassified at the time of publishing this report are:

- Trip of Bayswater – Wollar 5A4 500 kV line and Tomago Potline reclassified on 12 November 2022.
- Trip of Palmerston – Sheffield 220 kV line at Palmerston end only reclassified on 27 March 2023.
- Trip of Robertstown – North West Bend No.1 and North West Bend – Monash – Berri No.1 132 kV lines reclassified on 6 April 2023.

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

The following non-credible contingency events were considered as reviewable operating incidents, for further details refer to published incident reports⁸:

- Trip of Bulli Creek – Braemar and Bulli Creek – Dumaresq 330 kV lines on 5 November 2022.
- Trip of South East – Tailem Bend 275 kV No.1 and 2 lines on 12 November 2022.

⁸ At <https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/nem-events-and-reports/power-system-operating-incident-reports>

- Trip of Newport D 220 kV bus and Newport – Brooklyn 220 kV line on 16 November 2022.
- Trip of Kerang – Wemen – Red Cliffs 220 kV line and Kiamal Solar Farm transformer on 11 December 2022.
- Trip of Columboola – Wandoan South 8891 and 8892 275 kV lines on 13 February 2023.
- Trip of South East No. 1 and No. 2 SVC on 23 March 2023.

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 A5 lists the binding constraint equations during reclassifications over the reporting period. It includes the binding duration (Dispatch Intervals/Hours) and total marginal values (binding impact).

There were 73 reclassifications that resulted in binding constraint equations. This means that in the 538 other instances, the reclassification constraints did not affect dispatch outcomes.

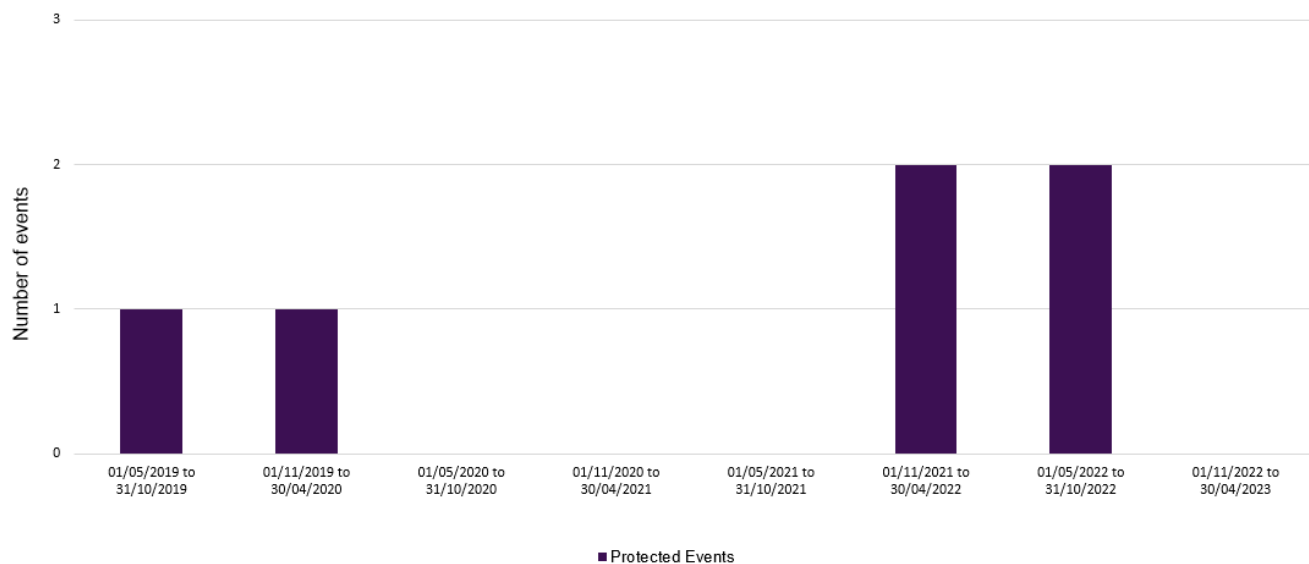
8 Protected events

This section includes analysis of a protected event in South Australia region where AEMO took action to maintain power system security.

Figure 3 shows the historical trend of days when conditions for a protected event were met in South Australia, since June 2019 when the protected event was declared⁹.

In this reporting period, there were no days where conditions of protected event were met and therefore there were no binding constraints associated with the protected event.

Figure 3 Protected events in South Australia where AEMO took action, six-monthly trend, 2019 to 2023



⁹ See <https://www.aemc.gov.au/sites/default/files/2019-06/Information%20Sheet%20-%20final%20determination%20-%20REL0069.pdf>.

9 Appropriateness and effectiveness of the reclassification criteria

AEMO concludes that, during the reporting period 1 November 2022 to 30 April 2023:

1. AEMO's reclassification decisions were appropriate and consistent with the reclassification criteria for the majority of events. However, on two occasions AEMO declared existence of abnormal conditions (via market notices 107330 and 107334) but did not reclassify loss of multiple plant as a credible contingency event due to added risk posed by these forecast severe wind conditions, even though they met the revised reclassification criteria effective from 9 March 2023. No contingency events occurred as a result of these conditions and no additional constraint equations were invoked during the conditions. Both these instances occurred in the first week following the introduction of the new reclassification criteria, and this is unlikely to occur again.
2. AEMO notified Market Participants of the reasons for reclassifying non-credible contingency events through the issue of market notices following each decision.
3. AEMO effectively invoked the reclassification constraints on power system elements under potential risk, or to reflect widespread risks, to maintain system security during the reclassification period.

Having reviewed the reclassification criteria in 2022-23, AEMO has not identified a need for further review at this stage.

A1. Reclassifications, 1 November 2022 to 30 April 2023

- **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 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 reclassifications highlighted in teal in Table 2 below were determined after a non-credible contingency event occurred. Further details on the reclassifications highlighted in teal can be found in Appendix A3.

Table 2 Reclassifications 1 November 2022 to 30 April 2023

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
102768	1/11/2022 0235 hrs	1/11/2022 0335 hrs	102770	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
102774	1/11/2022 1010 hrs	1/11/2022 1210 hrs	102777	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
102775	1/11/2022 1025 hrs	1/11/2022 1325 hrs	102779	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
102780	1/11/2022 1415 hrs	1/11/2022 2140 hrs	102797	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
102781	1/11/2022 1435 hrs	1/11/2022 1805 hrs	102793	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
102782	1/11/2022 1505 hrs	1/11/2022 1605 hrs	102783	Lindisfarne – Mornington Tee – Rokeby No. 1 and No. 2 110 kV lines	TAS	Lightning	INDJI
102790	1/11/2022 1655 hrs	1/11/2022 1755 hrs	102791	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
102792	1/11/2022 1800 hrs	2/11/2022 0510 hrs	102806	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
102794	1/11/2022 1820 hrs	1/11/2022 2140 hrs	102796	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
102798	1/11/2022 2205 hrs	2/11/2022 0125 hrs	102801	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
102799	1/11/2022 2225 hrs	2/11/2022 0125 hrs	102800	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
102802	2/11/2022 0135 hrs	2/11/2022 0510 hrs	102805	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
102803	2/11/2022 0220 hrs	2/11/2022 0510 hrs	102804	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
102842	3/11/2022 0450 hrs	3/11/2022 0550 hrs	102843	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
102856	3/11/2022 0920 hrs	3/11/2022 1020 hrs	102857	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
102928	6/11/2022 1400 hrs	6/11/2022 1700 hrs	102930	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
102937	7/11/2022 1305 hrs	7/11/2022 1610 hrs	102953	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
102938	7/11/2022 1310 hrs	7/11/2022 1510 hrs	102946	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
102940	7/11/2022 1315 hrs	7/11/2022 1815 hrs	102956	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
102952	7/11/2022 1605 hrs	7/11/2022 1805 hrs	102955	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
102957	7/11/2022 1855 hrs	7/11/2022 2000 hrs	102959	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
102958	7/11/2022 1900 hrs	7/11/2022 2000 hrs	102960	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
102965	8/11/2022 1340 hrs	8/11/2022 1840 hrs	102983	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
102966	8/11/2022 1400 hrs	8/11/2022 1500 hrs	102978	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
102981	8/11/2022 1700 hrs	8/11/2022 1800 hrs	102982	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI

Appendix A1. Reclassifications, 1 November 2022 to 30 April 2023

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
103002	9/11/2022 1745 hrs	9/11/2022 1950 hrs	103003	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
103007	10/11/2022 1210 hrs	10/11/2022 1955 hrs	103016	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
103033	11/11/2022 1535 hrs	11/11/2022 2135 hrs	103034	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
103036	12/11/2022 0325 hrs	12/11/2022 0725 hrs	103037	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
103039	12/11/2022 0810 hrs	N/A	N/A	Bayswater – Wollar 5A4 500 kV line and Tomago Poutine No. 3	NSW	Specific risks relating to plant operation	TNSP
103040	12/11/2022 0925 hrs	12/11/2022 2215 hrs	103069	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
103041	12/11/2022 1020 hrs	12/11/2022 1220 hrs	103043	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
103044	12/11/2022 1325 hrs	12/11/2022 1525 hrs	103055	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
103046	12/11/2022 1400 hrs	12/11/2022 2215 hrs	103070	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Severe Wind	BOM
103051	12/11/2022 1430 hrs	12/11/2022 1535 hrs	103057	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
103056	12/11/2022 1530 hrs	12/11/2022 1730 hrs	103065	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
103054	12/11/2022 1530 hrs	7/07/2023 1754 hrs	108828	Bungama – Snowtown – Hummocks and Bungama – Redhill – Brinkworth 132 kV lines	SA	Specific risks relating to plant operation	TNSP
103063	12/11/2022 1635 hrs	12/11/2022 2135 hrs	103068	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
103074	13/11/2022 0020 hrs	13/11/2022 0520 hrs	103084	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
103086	13/11/2022 0735 hrs	13/11/2022 1035 hrs	103088	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
103091	13/11/2022 1105 hrs	13/11/2022 1405 hrs	103096	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
103090	13/11/2022 1105 hrs	13/11/2022 1305 hrs	103094	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
103100	13/11/2022 1440 hrs	13/11/2022 1750 hrs	103108	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
103103	13/11/2022 1545 hrs	13/11/2022 1850 hrs	103109	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
103110	13/11/2022 2000 hrs	13/11/2022 2100 hrs	103111	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
103112	13/11/2022 2145 hrs	13/11/2022 2345 hrs	103115	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
103114	13/11/2022 2250 hrs	13/11/2022 2345 hrs	103116	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
103117	14/11/2022 0030 hrs	14/11/2022 0435 hrs	103120	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
103255	15/11/2022 1655 hrs	15/11/2022 2000 hrs	103260	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
103256	15/11/2022 1725 hrs	15/11/2022 2300 hrs	103263	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103257	15/11/2022 1805 hrs	15/11/2022 2305 hrs	103262	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
103668	19/11/2022 0150 hrs	21/11/2022 1055 hrs	103791	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
103746	19/11/2022 1825 hrs	19/11/2022 2325 hrs	103750	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
103745	19/11/2022 1825 hrs	19/11/2022 2025 hrs	103747	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
103748	19/11/2022 2115 hrs	19/11/2022 2320 hrs	103751	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
103749	19/11/2022 2120 hrs	19/11/2022 2325 hrs	103752	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
103753	20/11/2022 0205 hrs	20/11/2022 0405 hrs	103756	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI

Appendix A1. Reclassifications, 1 November 2022 to 30 April 2023

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
103757	20/11/2022 1305 hrs	20/11/2022 2225 hrs	103780	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
103760	20/11/2022 1410 hrs	20/11/2022 1810 hrs	103769	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
103762	20/11/2022 1500 hrs	20/11/2022 1705 hrs	103767	Condabri North – Condabri Central 7400 and 7401 132kV lines	QLD	Lightning	INDJI
103763	20/11/2022 1545 hrs	21/11/2022 0205 hrs	103783	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
103770	20/11/2022 1850 hrs	20/11/2022 2105 hrs	103776	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103771	20/11/2022 1900 hrs	20/11/2022 2105 hrs	103775	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
103772	20/11/2022 1910 hrs	20/11/2022 2110 hrs	103778	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
103781	20/11/2022 2355 hrs	21/11/2022 0205 hrs	103782	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103787	21/11/2022 0615 hrs	21/11/2022 0815 hrs	103789	Farrell – John Butters 220kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
103816	21/11/2022 1150 hrs	22/11/2022 0340 hrs	103865	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
103839	21/11/2022 1230 hrs	21/11/2022 1330 hrs	103842	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
103840	21/11/2022 1310 hrs	21/11/2022 2305 hrs	103864	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
103845	21/11/2022 1400 hrs	21/11/2022 2305 hrs	103863	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103851	21/11/2022 1520 hrs	21/11/2022 1620 hrs	103854	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
103853	21/11/2022 1525 hrs	21/11/2022 1625 hrs	103855	Farrell – Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
103895	23/11/2022 0610 hrs	23/11/2022 0810 hrs	103896	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
103897	23/11/2022 1440 hrs	23/11/2022 1640 hrs	103898	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103899	23/11/2022 1645 hrs	23/11/2022 1915 hrs	103901	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
103902	23/11/2022 2100 hrs	23/11/2022 2200 hrs	103903	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103905	23/11/2022 2330 hrs	24/11/2022 0430 hrs	103909	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103906	24/11/2022 0345 hrs	24/11/2022 0450 hrs	103910	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
103915	24/11/2022 1425 hrs	24/11/2022 1640 hrs	103923	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103916	24/11/2022 1430 hrs	24/11/2022 2000 hrs	103927	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
103917	24/11/2022 1450 hrs	24/11/2022 1855 hrs	103925	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
103924	24/11/2022 1735 hrs	24/11/2022 2005 hrs	103928	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103929	24/11/2022 2020 hrs	25/11/2022 0120 hrs	103932	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
103930	24/11/2022 2145 hrs	25/11/2022 0050 hrs	103931	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
103959	25/11/2022 1955 hrs	25/11/2022 2300 hrs	103962	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
103960	25/11/2022 2030 hrs	26/11/2022 0130 hrs	103963	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
103991	26/11/2022 1320 hrs	26/11/2022 2220 hrs	104002	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
103992	26/11/2022 1330 hrs	26/11/2022 2230 hrs	104001	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104006	27/11/2022 1305 hrs	28/11/2022 0440 hrs	104039	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
104008	27/11/2022 1335 hrs	27/11/2022 1715 hrs	104020	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104015	27/11/2022 1620 hrs	27/11/2022 1820 hrs	104024	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104022	27/11/2022 1720 hrs	28/11/2022 0420 hrs	104038	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104025	27/11/2022 1925 hrs	27/11/2022 2025 hrs	104026	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104028	27/11/2022 2110 hrs	28/11/2022 0110 hrs	104034	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104029	27/11/2022 2140 hrs	27/11/2022 2340 hrs	104031	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104030	27/11/2022 2210 hrs	28/11/2022 0210 hrs	104035	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104032	28/11/2022 0020 hrs	28/11/2022 0220 hrs	104036	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104033	28/11/2022 0105 hrs	28/11/2022 0405 hrs	104037	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104040	28/11/2022 0445 hrs	28/11/2022 0650 hrs	104041	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104046	28/11/2022 1115 hrs	29/11/2022 0230 hrs	104071	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104052	28/11/2022 1355 hrs	29/11/2022 0230 hrs	104070	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104055	28/11/2022 1440 hrs	28/11/2022 1545 hrs	104057	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
104056	28/11/2022 1515 hrs	28/11/2022 1615 hrs	104058	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104061	28/11/2022 1635 hrs	29/11/2022 0225 hrs	104069	Condabri North – Condabri Central 7400 and 7401 132kV lines	QLD	Lightning	INDJI
104062	28/11/2022 1650 hrs	29/11/2022 0225 hrs	104068	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
104064	28/11/2022 2005 hrs	29/11/2022 0225 hrs	104067	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104065	28/11/2022 2135 hrs	29/11/2022 0225 hrs	104066	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104078	29/11/2022 1410 hrs	30/11/2022 0510 hrs	104095	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104082	29/11/2022 1540 hrs	30/11/2022 0510 hrs	104094	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104084	29/11/2022 1600 hrs	29/11/2022 1705 hrs	104087	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
104086	29/11/2022 1700 hrs	29/11/2022 2005 hrs	104088	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104089	29/11/2022 2040 hrs	30/11/2022 0440 hrs	104093	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104090	29/11/2022 2045 hrs	29/11/2022 2245 hrs	104091	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104099	30/11/2022 1255 hrs	1/12/2022 0050 hrs	104109	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104100	30/11/2022 1350 hrs	30/11/2022 1550 hrs	104107	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104105	30/11/2022 1515 hrs	30/11/2022 1650 hrs	104108	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104119	2/12/2022 0020 hrs	2/12/2022 0120 hrs	104121	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104124	2/12/2022 0215 hrs	2/12/2022 0520 hrs	104126	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104123	2/12/2022 0215 hrs	2/12/2022 0515 hrs	104125	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104137	2/12/2022 2135 hrs	2/12/2022 2235 hrs	104138	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104160	4/12/2022 1345 hrs	4/12/2022 2015 hrs	104179	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
104174	4/12/2022 1835 hrs	4/12/2022 2040 hrs	104180	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104250	7/12/2022 1510 hrs	7/12/2022 1710 hrs	104252	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
104253	7/12/2022 1750 hrs	7/12/2022 1855 hrs	104257	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
104256	7/12/2022 1820 hrs	7/12/2022 2320 hrs	104259	Condabri North – Condabri Central 7400 and 7401 132 kV lines	QLD	Lightning	INDJI
104258	7/12/2022 1945 hrs	8/12/2022 0345 hrs	104264	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
104263	8/12/2022 0145 hrs	8/12/2022 0450 hrs	104266	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104265	8/12/2022 0450 hrs	8/12/2022 0550 hrs	104267	Condabri North – Condabri Central 7400 and 7401 132kV lines	QLD	Lightning	INDJI
104293	8/12/2022 2035 hrs	8/12/2022 2235 hrs	104294	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
104316	9/12/2022 1615 hrs	9/12/2022 1915 hrs	104319	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104315	9/12/2022 1615 hrs	9/12/2022 1715 hrs	104317	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104321	9/12/2022 2330 hrs	10/12/2022 0130 hrs	104323	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104326	10/12/2022 1240 hrs	10/12/2022 1740 hrs	104336	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104327	10/12/2022 1315 hrs	10/12/2022 1915 hrs	104337	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104370	11/12/2022 1610 hrs	11/12/2022 1710 hrs	104374	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104371	11/12/2022 1610 hrs	11/12/2022 1710 hrs	104375	Farrell – Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
104372	11/12/2022 1615 hrs	11/12/2022 1820 hrs	104376	Farrell – John Butters 220kV 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
104377	11/12/2022 2130 hrs	12/12/2022 0035 hrs	104378	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
104379	12/12/2022 0455 hrs	12/12/2022 0655 hrs	104380	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104381	12/12/2022 0810 hrs	12/12/2022 1210 hrs	104414	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104382	12/12/2022 0830 hrs	12/12/2022 1230 hrs	104415	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104389	12/12/2022 0910 hrs	12/12/2022 0915 hrs	104396	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104410	12/12/2022 1000 hrs	12/12/2022 1900 hrs	104430	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
104411	12/12/2022 1005 hrs	12/12/2022 1005 hrs	104412	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104416	12/12/2022 1305 hrs	12/12/2022 1905 hrs	104431	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104417	12/12/2022 1330 hrs	12/12/2022 1530 hrs	104425	Condabri North – Condabri Central 7400 and 7401 132kV lines	QLD	Lightning	INDJI
104418	12/12/2022 1345 hrs	12/12/2022 1445 hrs	104419	Lindisfarne – Mornington Tee – Rokeby No. 1 and No.2 110 kV lines	TAS	Lightning	INDJI
104426	12/12/2022 1625 hrs	12/12/2022 1725 hrs	104428	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
104432	12/12/2022 2125 hrs	12/12/2022 2225 hrs	104433	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
104434	13/12/2022 1220 hrs	13/12/2022 2150 hrs	104455	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104435	13/12/2022 1255 hrs	13/12/2022 1855 hrs	104441	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104442	13/12/2022 1955 hrs	13/12/2022 2155 hrs	104456	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
104457	13/12/2022 2200 hrs	14/12/2022 0030 hrs	104458	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
104459	14/12/2022 1345 hrs	14/12/2022 1750 hrs	104465	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104460	14/12/2022 1405 hrs	14/12/2022 1805 hrs	104466	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104481	15/12/2022 1310 hrs	15/05/2023 1710 hrs	107915	Kerang – Wemen – Red Cliffs 220 kV line and Kiamal Solar Farm transformer	VIC	Specific risks relating to plant operation	TNSP
104480	15/12/2022 1310 hrs	16/12/2022 0040 hrs	104501	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104490	15/12/2022 1520 hrs	15/12/2022 1620 hrs	104493	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104491	15/12/2022 1600 hrs	15/12/2022 1900 hrs	104499	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104492	15/12/2022 1610 hrs	15/12/2022 1840 hrs	104498	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104496	15/12/2022 1645 hrs	16/12/2022 0050 hrs	104502	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104500	15/12/2022 2335 hrs	16/12/2022 0340 hrs	104503	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104504	16/12/2022 1225 hrs	16/12/2022 2255 hrs	104515	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104505	16/12/2022 1345 hrs	17/12/2022 0115 hrs	104516	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104506	16/12/2022 1425 hrs	16/12/2022 2155 hrs	104514	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104507	16/12/2022 1425 hrs	16/12/2022 1925 hrs	104513	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104511	16/12/2022 1545 hrs	16/12/2022 1845 hrs	104512	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
104517	17/12/2022 0145 hrs	17/12/2022 0345 hrs	104518	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104519	17/12/2022 0530 hrs	17/12/2022 0730 hrs	104520	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
104521	17/12/2022 1245 hrs	17/12/2022 1545 hrs	104526	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104522	17/12/2022 1315 hrs	17/12/2022 1715 hrs	104527	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104528	17/12/2022 1735 hrs	17/12/2022 1835 hrs	104529	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104530	17/12/2022 2040 hrs	17/12/2022 2215 hrs	104533	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
104531	17/12/2022 2055 hrs	18/12/2022 0255 hrs	104535	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104532	17/12/2022 2125 hrs	17/12/2022 2225 hrs	104534	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
104536	18/12/2022 0305 hrs	18/12/2022 0405 hrs	104537	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104591	20/12/2022 1935 hrs	20/12/2022 2205 hrs	104593	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
104599	21/12/2022 1240 hrs	21/12/2022 2115 hrs	104609	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
104600	21/12/2022 1245 hrs	21/12/2022 1630 hrs	104607	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Severe Wind	BOM
104634	22/12/2022 1520 hrs	22/12/2022 2120 hrs	104635	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
104636	23/12/2022 0110 hrs	23/12/2022 0210 hrs	104637	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104638	23/12/2022 0250 hrs	23/12/2022 0350 hrs	104639	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104642	23/12/2022 1340 hrs	23/12/2022 1740 hrs	104654	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
104650	23/12/2022 1500 hrs	23/12/2022 1600 hrs	104651	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104655	23/12/2022 1905 hrs	23/12/2022 2210 hrs	104658	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
104656	23/12/2022 1905 hrs	23/12/2022 2010 hrs	104657	Lindisfarne – Mornington Tee – Rokeby No. 1 and No. 2 110 kV lines	TAS	Lightning	INDJI
104659	23/12/2022 2250 hrs	24/12/2022 0250 hrs	104660	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104675	24/12/2022 1545 hrs	24/12/2022 1650 hrs	104676	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104677	24/12/2022 1800 hrs	24/12/2022 2000 hrs	104680	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104679	24/12/2022 1920 hrs	24/12/2022 2020 hrs	104681	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104682	25/12/2022 1020 hrs	25/12/2022 1120 hrs	104683	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104685	25/12/2022 1135 hrs	25/12/2022 1235 hrs	104687	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104686	25/12/2022 1230 hrs	25/12/2022 1630 hrs	104699	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104689	25/12/2022 1315 hrs	25/12/2022 1515 hrs	104698	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104690	25/12/2022 1355 hrs	25/12/2022 1500 hrs	104697	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104700	25/12/2022 1700 hrs	25/12/2022 1900 hrs	104701	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104704	26/12/2022 1410 hrs	26/12/2022 1610 hrs	104705	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
104706	26/12/2022 1740 hrs	26/12/2022 2140 hrs	104709	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
104715	28/12/2022 0040 hrs	28/12/2022 0140 hrs	104717	Farrell – Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
104716	28/12/2022 0110 hrs	28/12/2022 0210 hrs	104718	Farrell – John Butters 220kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
104724	28/12/2022 2005 hrs	28/12/2022 2110 hrs	104725	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
104729	29/12/2022 1415 hrs	29/12/2022 1720 hrs	104733	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
104735	30/12/2022 1010 hrs	30/12/2022 1115 hrs	104737	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
104738	30/12/2022 1310 hrs	30/12/2022 2210 hrs	104743	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
104745	31/12/2022 1240 hrs	31/12/2022 1340 hrs	104747	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104748	31/12/2022 1345 hrs	31/12/2022 1450 hrs	104756	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104758	31/12/2022 1515 hrs	31/12/2022 1715 hrs	104759	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104760	31/12/2022 1720 hrs	31/12/2022 1920 hrs	104762	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104761	31/12/2022 1730 hrs	31/12/2022 1930 hrs	104763	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
104787	1/01/2023 1420 hrs	1/01/2023 1620 hrs	104789	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104788	1/01/2023 1600 hrs	1/01/2023 2005 hrs	104790	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104791	2/01/2023 0900 hrs	2/01/2023 1200 hrs	104792	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
104796	2/01/2023 1310 hrs	2/01/2023 1410 hrs	104798	Eildon – Mt Beauty No. 1 and No. 2 22 0kV lines	VIC	Lightning	INDJI
104797	2/01/2023 1345 hrs	2/01/2023 1550 hrs	104804	Lindisfarne – Mornington Tee – Rokeby No. 1 and No. 2 110 kV lines	TAS	Lightning	INDJI
104807	2/01/2023 1850 hrs	2/01/2023 1955 hrs	104808	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104811	3/01/2023 1130 hrs	3/01/2023 1235 hrs	104812	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
104814	3/01/2023 1450 hrs	3/01/2023 1650 hrs	104819	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104817	3/01/2023 1610 hrs	3/01/2023 1910 hrs	104823	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
104818	3/01/2023 1630 hrs	3/01/2023 1830 hrs	104822	Condabri North – Condabri Central 7400 and 7401 132kV lines	QLD	Lightning	INDJI
104820	3/01/2023 1715 hrs	4/01/2023 0315 hrs	104825	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104824	4/01/2023 0110 hrs	4/01/2023 0510 hrs	104827	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104826	4/01/2023 0335 hrs	4/01/2023 0540 hrs	104828	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104829	4/01/2023 0845 hrs	4/01/2023 1045 hrs	104831	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104832	4/01/2023 1055 hrs	4/01/2023 1755 hrs	104845	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104836	4/01/2023 1120 hrs	4/01/2023 1220 hrs	104838	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104839	4/01/2023 1325 hrs	4/01/2023 1830 hrs	104847	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104840	4/01/2023 1425 hrs	4/01/2023 1625 hrs	104842	Condabri North – Condabri Central 7400 and 7401 132kV lines	QLD	Lightning	INDJI
104844	4/01/2023 1720 hrs	4/01/2023 1940 hrs	104850	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
104848	4/01/2023 1835 hrs	4/01/2023 2035 hrs	104852	Condabri North – Condabri Central 7400 and 7401 132kV lines	QLD	Lightning	INDJI
104849	4/01/2023 1935 hrs	4/01/2023 2335 hrs	104853	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104854	5/01/2023 0105 hrs	5/01/2023 0205 hrs	104855	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104861	5/01/2023 1430 hrs	5/01/2023 1930 hrs	104865	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104862	5/01/2023 1555 hrs	5/01/2023 1755 hrs	104863	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
104864	5/01/2023 1900 hrs	5/01/2023 2100 hrs	104866	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
104899	9/01/2023 1400 hrs	9/01/2023 1800 hrs	104904	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104929	10/01/2023 1355 hrs	10/01/2023 1455 hrs	104937	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104944	11/01/2023 0835 hrs	11/01/2023 1005 hrs	104946	Condabri North – Condabri Central 7400 and 7401 132kV lines	QLD	Lightning	INDJI
104955	11/01/2023 1940 hrs	11/01/2023 2140 hrs	104956	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104967	12/01/2023 1355 hrs	12/01/2023 2255 hrs	104976	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104968	12/01/2023 1430 hrs	12/01/2023 1630 hrs	104972	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104969	12/01/2023 1435 hrs	12/01/2023 1635 hrs	104973	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
104971	12/01/2023 1615 hrs	12/01/2023 2115 hrs	104975	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
104983	13/01/2023 1420 hrs	13/01/2023 1520 hrs	104985	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
104986	13/01/2023 1540 hrs	13/01/2023 1640 hrs	104987	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104989	13/01/2023 1830 hrs	13/01/2023 1930 hrs	104990	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
104997	14/01/2023 1400 hrs	14/01/2023 1830 hrs	105002	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
105003	14/01/2023 1915 hrs	15/01/2023 0415 hrs	105004	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
105005	15/01/2023 1430 hrs	15/01/2023 1635 hrs	105006	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105007	15/01/2023 1705 hrs	15/01/2023 2030 hrs	105017	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105008	15/01/2023 1725 hrs	15/01/2023 2025 hrs	105016	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105010	15/01/2023 1730 hrs	15/01/2023 2335 hrs	105020	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI

Appendix A1. Reclassifications, 1 November 2022 to 30 April 2023

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105019	15/01/2023 2215 hrs	16/01/2023 0240 hrs	105021	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105022	16/01/2023 1345 hrs	16/01/2023 2145 hrs	105027	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105023	16/01/2023 1345 hrs	16/01/2023 2050 hrs	105026	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105025	16/01/2023 1910 hrs	17/01/2023 0110 hrs	105029	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105028	16/01/2023 2245 hrs	17/01/2023 0430 hrs	105030	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105036	17/01/2023 1420 hrs	17/01/2023 2320 hrs	105051	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105041	17/01/2023 1615 hrs	17/01/2023 1655 hrs	105042	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
105043	17/01/2023 1640 hrs	17/01/2023 1745 hrs	105044	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105046	17/01/2023 1910 hrs	17/01/2023 2110 hrs	105048	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105047	17/01/2023 2020 hrs	17/01/2023 2220 hrs	105050	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105049	17/01/2023 2130 hrs	17/01/2023 2330 hrs	105053	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105054	18/01/2023 0115 hrs	18/01/2023 0220 hrs	105055	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105057	18/01/2023 0810 hrs	18/01/2023 0910 hrs	105058	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105086	19/01/2023 1400 hrs	19/01/2023 1800 hrs	105092	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105093	19/01/2023 2155 hrs	19/01/2023 2255 hrs	105094	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105095	20/01/2023 1145 hrs	20/01/2023 1545 hrs	105102	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105104	21/01/2023 1335 hrs	21/01/2023 1540 hrs	105120	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105123	21/01/2023 1550 hrs	21/01/2023 1650 hrs	105133	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105135	21/01/2023 1705 hrs	21/01/2023 2105 hrs	105136	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105137	22/01/2023 0135 hrs	22/01/2023 0335 hrs	105138	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105139	22/01/2023 1000 hrs	22/01/2023 1800 hrs	105150	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105148	22/01/2023 1540 hrs	22/01/2023 1640 hrs	105149	Farrell – John Butters 220kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
105151	23/01/2023 0900 hrs	23/01/2023 1105 hrs	105153	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105154	23/01/2023 1110 hrs	23/01/2023 1210 hrs	105158	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105157	23/01/2023 1150 hrs	23/01/2023 1250 hrs	105160	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105162	23/01/2023 1350 hrs	23/01/2023 1455 hrs	105169	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105171	23/01/2023 1505 hrs	23/01/2023 1905 hrs	105174	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105172	23/01/2023 1550 hrs	23/01/2023 1925 hrs	105175	Farrell – John Butters 220kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
105173	23/01/2023 1750 hrs	23/01/2023 1950 hrs	105176	Lindisfarne – Mornington Tee – Rokeby No. 1 and No. 2 110 kV lines	TAS	Lightning	INDJI
105183	24/01/2023 1200 hrs	24/01/2023 1300 hrs	105185	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105197	24/01/2023 1505 hrs	24/01/2023 1605 hrs	105200	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105198	24/01/2023 1535 hrs	24/01/2023 1935 hrs	105221	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105201	24/01/2023 1620 hrs	24/01/2023 1920 hrs	105220	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105203	24/01/2023 1625 hrs	24/01/2023 1825 hrs	105218	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105240	25/01/2023 1620 hrs	25/01/2023 1920 hrs	105245	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105251	26/01/2023 1405 hrs	26/01/2023 1605 hrs	105258	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105257	26/01/2023 1605 hrs	26/01/2023 1905 hrs	105268	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105263	26/01/2023 1655 hrs	26/01/2023 2100 hrs	105271	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105266	26/01/2023 1810 hrs	26/01/2023 2010 hrs	105270	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105275	26/01/2023 2255 hrs	27/01/2023 0155 hrs	105279	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105277	27/01/2023 0035 hrs	27/01/2023 0135 hrs	105278	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105287	27/01/2023 1250 hrs	27/01/2023 1455 hrs	105302	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105291	27/01/2023 1315 hrs	27/01/2023 2015 hrs	105310	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105290	27/01/2023 1315 hrs	27/01/2023 1415 hrs	105296	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105301	27/01/2023 1430 hrs	27/01/2023 1930 hrs	105308	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105300	27/01/2023 1430 hrs	27/01/2023 1730 hrs	105307	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105303	27/01/2023 1510 hrs	27/01/2023 2210 hrs	105312	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105306	27/01/2023 1610 hrs	27/01/2023 2110 hrs	105311	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105305	27/01/2023 1610 hrs	27/01/2023 2010 hrs	105309	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
105314	27/01/2023 2225 hrs	27/01/2023 2330 hrs	105316	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105313	27/01/2023 2225 hrs	27/01/2023 2325 hrs	105315	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105317	28/01/2023 0200 hrs	28/01/2023 0400 hrs	105319	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
105318	28/01/2023 0215 hrs	28/01/2023 0415 hrs	105320	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105324	28/01/2023 1125 hrs	28/01/2023 1225 hrs	105327	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105328	28/01/2023 1310 hrs	28/01/2023 1610 hrs	105330	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105329	28/01/2023 1530 hrs	28/01/2023 1930 hrs	105336	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
105331	28/01/2023 1615 hrs	28/01/2023 1820 hrs	105333	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105332	28/01/2023 1745 hrs	28/01/2023 1945 hrs	105339	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105335	28/01/2023 1840 hrs	28/01/2023 1940 hrs	105338	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105340	29/01/2023 0120 hrs	29/01/2023 0500 hrs	105341	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105342	29/01/2023 1220 hrs	29/01/2023 1420 hrs	105346	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105350	29/01/2023 1450 hrs	29/01/2023 1550 hrs	105358	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105360	29/01/2023 1610 hrs	29/01/2023 1815 hrs	105365	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105362	29/01/2023 1705 hrs	29/01/2023 2105 hrs	105372	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105371	29/01/2023 2055 hrs	30/01/2023 0240 hrs	105376	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105370	29/01/2023 2055 hrs	29/01/2023 2155 hrs	105373	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105374	29/01/2023 2210 hrs	30/01/2023 0240 hrs	105375	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105385	30/01/2023 1420 hrs	30/01/2023 1820 hrs	105395	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105388	30/01/2023 1555 hrs	30/01/2023 1800 hrs	105394	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105393	30/01/2023 1720 hrs	30/01/2023 1920 hrs	105396	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105400	31/01/2023 1255 hrs	1/02/2023 0555 hrs	105432	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105411	31/01/2023 1505 hrs	31/01/2023 2305 hrs	105429	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105412	31/01/2023 1505 hrs	31/01/2023 1905 hrs	105420	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105419	31/01/2023 1840 hrs	31/01/2023 1940 hrs	105422	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
105425	31/01/2023 1950 hrs	31/01/2023 2155 hrs	105427	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
105430	1/02/2023 0225 hrs	1/02/2023 0325 hrs	105431	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105444	1/02/2023 1310 hrs	2/02/2023 0210 hrs	105479	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105445	1/02/2023 1335 hrs	1/02/2023 1435 hrs	105450	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105456	1/02/2023 1650 hrs	1/02/2023 2150 hrs	105468	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
105455	1/02/2023 1650 hrs	1/02/2023 1950 hrs	105462	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105469	1/02/2023 2245 hrs	2/02/2023 0050 hrs	105474	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105483	2/02/2023 1215 hrs	2/02/2023 1615 hrs	105513	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
105491	2/02/2023 1400 hrs	2/02/2023 1600 hrs	105511	Brinkworth – Davenport, Brinkworth – Templers West and Para – Templers West 275 kV lines	SA	Severe Wind	BOM
105493	2/02/2023 1400 hrs	2/02/2023 1600 hrs	105512	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Severe Wind	BOM
105507	2/02/2023 1520 hrs	2/02/2023 1620 hrs	105514	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105508	2/02/2023 1525 hrs	3/02/2023 0025 hrs	105546	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105534	2/02/2023 1755 hrs	2/02/2023 2200 hrs	105541	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105542	2/02/2023 2315 hrs	3/02/2023 0120 hrs	105548	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
105543	2/02/2023 2315 hrs	3/02/2023 0120 hrs	105549	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
105547	3/02/2023 0030 hrs	3/02/2023 0130 hrs	105550	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
105551	3/02/2023 0205 hrs	3/02/2023 0305 hrs	105552	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
105578	3/02/2023 1435 hrs	3/02/2023 1735 hrs	105598	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
105582	3/02/2023 1450 hrs	3/02/2023 1555 hrs	105590	Farrell – Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	INDJI
105581	3/02/2023 1450 hrs	3/02/2023 1550 hrs	105589	Farrell – John Butters 220kV line and Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
105583	3/02/2023 1455 hrs	3/02/2023 1700 hrs	105595	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105594	3/02/2023 1700 hrs	3/02/2023 1900 hrs	105605	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
105597	3/02/2023 1730 hrs	4/02/2023 0130 hrs	105615	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105600	3/02/2023 1805 hrs	3/02/2023 2310 hrs	105612	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105606	3/02/2023 1905 hrs	4/02/2023 0005 hrs	105613	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105609	3/02/2023 2100 hrs	3/02/2023 2300 hrs	105611	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
105610	3/02/2023 2120 hrs	4/02/2023 0325 hrs	105616	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
105614	4/02/2023 0115 hrs	4/02/2023 0520 hrs	105617	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
105620	4/02/2023 1250 hrs	4/02/2023 2150 hrs	105631	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105623	4/02/2023 1405 hrs	4/02/2023 2005 hrs	105630	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105632	5/02/2023 0015 hrs	5/02/2023 0715 hrs	105633	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105643	5/02/2023 1450 hrs	5/02/2023 1655 hrs	105646	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
105644	5/02/2023 1450 hrs	5/02/2023 1650 hrs	105645	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
105647	5/02/2023 2000 hrs	5/02/2023 2105 hrs	105648	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105649	5/02/2023 2230 hrs	6/02/2023 0630 hrs	105652	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105650	5/02/2023 2325 hrs	6/02/2023 0025 hrs	105651	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105666	6/02/2023 1430 hrs	6/02/2023 1535 hrs	105671	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105673	6/02/2023 1550 hrs	6/02/2023 1750 hrs	105675	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105687	7/02/2023 1400 hrs	7/02/2023 1630 hrs	105699	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105686	7/02/2023 1400 hrs	7/02/2023 1605 hrs	105697	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
105685	7/02/2023 1400 hrs	7/02/2023 1600 hrs	105696	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
105700	8/02/2023 0755 hrs	8/02/2023 1000 hrs	105701	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105712	8/02/2023 1415 hrs	8/02/2023 1535 hrs	105715	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105714	8/02/2023 1445 hrs	8/02/2023 1545 hrs	105717	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105718	8/02/2023 1920 hrs	8/02/2023 2025 hrs	105719	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105720	8/02/2023 2035 hrs	8/02/2023 2135 hrs	105721	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105722	8/02/2023 2140 hrs	8/02/2023 2245 hrs	105724	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105723	8/02/2023 2215 hrs	8/02/2023 2315 hrs	105725	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105726	8/02/2023 2325 hrs	9/02/2023 0725 hrs	105728	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105729	9/02/2023 0745 hrs	9/02/2023 1030 hrs	105733	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105730	9/02/2023 0910 hrs	9/02/2023 1035 hrs	105734	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105731	9/02/2023 0945 hrs	9/02/2023 1445 hrs	105739	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105736	9/02/2023 1340 hrs	9/02/2023 1545 hrs	105742	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105737	9/02/2023 1400 hrs	9/02/2023 1705 hrs	105748	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105741	9/02/2023 1500 hrs	9/02/2023 1705 hrs	105749	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105740	9/02/2023 1500 hrs	9/02/2023 1700 hrs	105747	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105746	9/02/2023 1650 hrs	9/02/2023 2250 hrs	105755	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105753	9/02/2023 2050 hrs	9/02/2023 2150 hrs	105754	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105763	10/02/2023 1415 hrs	10/02/2023 1920 hrs	105771	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105823	13/02/2023 1450 hrs	14/02/2023 1120 hrs	105842	Columboola – Wandoan South 8891 and 8892 275 kV lines	QLD	Bushfire	TNSP
105831	13/02/2023 2135 hrs	13/02/2023 2335 hrs	105832	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105833	14/02/2023 0455 hrs	14/02/2023 0600 hrs	105834	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105836	14/02/2023 0835 hrs	14/02/2023 2035 hrs	105855	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105841	14/02/2023 1055 hrs	14/02/2023 1155 hrs	105843	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105845	14/02/2023 1345 hrs	14/02/2023 1750 hrs	105854	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
105853	14/02/2023 1640 hrs	14/02/2023 2040 hrs	105856	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
105857	14/02/2023 2110 hrs	14/02/2023 2210 hrs	105858	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105867	15/02/2023 1440 hrs	16/02/2023 1315 hrs	105885	Columboola – Wandoan South 8891 and 8892 275 kV lines	QLD	Bushfires	TNSP
105882	16/02/2023 0145 hrs	16/02/2023 0245 hrs	105883	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105933	17/02/2023 1530 hrs	17/02/2023 2230 hrs	105941	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
105942	17/02/2023 2305 hrs	18/02/2023 0110 hrs	105943	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
105951	18/02/2023 1325 hrs	18/02/2023 1525 hrs	105970	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105987	18/02/2023 1640 hrs	18/02/2023 2045 hrs	105994	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
105986	18/02/2023 1640 hrs	18/02/2023 2040 hrs	105993	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
105991	18/02/2023 1710 hrs	18/02/2023 2210 hrs	105995	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
105996	18/02/2023 2345 hrs	19/02/2023 0450 hrs	105999	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
105997	18/02/2023 2355 hrs	19/02/2023 0100 hrs	105998	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106002	19/02/2023 1130 hrs	19/02/2023 1630 hrs	106016	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106023	20/02/2023 1245 hrs	20/02/2023 1850 hrs	106040	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106047	21/02/2023 1320 hrs	21/02/2023 2025 hrs	106064	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106086	23/02/2023 1830 hrs	23/02/2023 1935 hrs	106088	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106090	24/02/2023 0010 hrs	24/02/2023 0110 hrs	106091	Lismore – Dunoon 9U6 132 kV line and Lismore – Dunoon 9U7 132 kV line	NSW	Lightning	INDJI
106125	27/02/2023 1355 hrs	28/02/2023 0010 hrs	106157	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106126	27/02/2023 1355 hrs	27/02/2023 1815 hrs	106153	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106151	27/02/2023 1715 hrs	27/02/2023 1915 hrs	106154	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106158	28/02/2023 0200 hrs	28/02/2023 0300 hrs	106159	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106163	28/02/2023 1345 hrs	28/02/2023 1845 hrs	106170	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
106164	28/02/2023 1430 hrs	28/02/2023 1520 hrs	106166	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Bushfires	INDJI
106171	1/03/2023 0035 hrs	1/03/2023 0135 hrs	106172	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106180	1/03/2023 1355 hrs	1/03/2023 1755 hrs	106194	Bulli Creek to Braemar 9901 and 9902 330 kV lines	QLD	Bushfires	INDJI
106191	1/03/2023 1610 hrs	1/03/2023 1715 hrs	106192	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106195	1/03/2023 1820 hrs	1/03/2023 2020 hrs	106197	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106196	1/03/2023 1825 hrs	1/03/2023 2025 hrs	106198	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106200	1/03/2023 2035 hrs	1/03/2023 2235 hrs	106201	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106202	2/03/2023 0140 hrs	2/03/2023 0240 hrs	106203	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106218	2/03/2023 1325 hrs	2/03/2023 1845 hrs	106229	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106226	2/03/2023 1640 hrs	2/03/2023 1740 hrs	106227	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106230	2/03/2023 2055 hrs	2/03/2023 2230 hrs	106231	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106242	3/03/2023 1630 hrs	3/03/2023 1730 hrs	106243	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106244	3/03/2023 1830 hrs	3/03/2023 2230 hrs	106246	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106255	4/03/2023 1450 hrs	4/03/2023 1850 hrs	106257	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106256	4/03/2023 1725 hrs	5/03/2023 0225 hrs	106266	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
106258	4/03/2023 2125 hrs	5/03/2023 0130 hrs	106260	Basslink DC Link	TAS	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
106274	5/03/2023 0335 hrs	5/03/2023 0435 hrs	106275	Lindisfarne – Mornington Tee – Rokeby No. 1 and No. 2 110 kV lines	TAS	Lightning	INDJI
106276	5/03/2023 0605 hrs	5/03/2023 0705 hrs	106278	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
106291	6/03/2023 0300 hrs	6/03/2023 0600 hrs	106295	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
106290	6/03/2023 0300 hrs	6/03/2023 0500 hrs	106292	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106325	7/03/2023 0115 hrs	7/03/2023 0415 hrs	106326	Farrell – John Butters 220kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
106336	7/03/2023 1305 hrs	7/03/2023 1405 hrs	106347	Farrell – John Butters 220kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
106339	7/03/2023 1320 hrs	7/03/2023 1940 hrs	106357	Bulli Creek to Braemar 9901 and 9902 330 kV lines	QLD	Bushfires	INDJI
106351	7/03/2023 1620 hrs	7/03/2023 1720 hrs	106353	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106354	7/03/2023 1835 hrs	7/03/2023 2035 hrs	106358	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
106359	8/03/2023 0120 hrs	8/03/2023 0220 hrs	106360	Farrell – John Butters 220kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	INDJI
106363	8/03/2023 1230 hrs	8/03/2023 1330 hrs	106366	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106364	8/03/2023 1230 hrs	8/03/2023 1330 hrs	106365	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
106367	8/03/2023 1350 hrs	8/03/2023 1715 hrs	106384	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106382	8/03/2023 1710 hrs	8/03/2023 1805 hrs	106391	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
106392	9/03/2023 0455 hrs	9/03/2023 0755 hrs	106393	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106399	9/03/2023 1440 hrs	9/03/2023 1740 hrs	106409	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
106404	9/03/2023 1455 hrs	9/03/2023 1640 hrs	106408	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106444	11/03/2023 1555 hrs	11/03/2023 1755 hrs	106450	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106443	11/03/2023 1555 hrs	11/03/2023 1655 hrs	106448	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
106451	11/03/2023 1815 hrs	12/03/2023 0020 hrs	106460	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106452	11/03/2023 1820 hrs	11/03/2023 1920 hrs	106455	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106456	11/03/2023 2225 hrs	11/03/2023 2325 hrs	106457	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106469	12/03/2023 1215 hrs	12/03/2023 1915 hrs	106492	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106468	12/03/2023 1215 hrs	12/03/2023 1815 hrs	106488	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
106470	12/03/2023 1230 hrs	12/03/2023 1905 hrs	106490	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106473	12/03/2023 1240 hrs	12/03/2023 1740 hrs	106487	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106474	12/03/2023 1410 hrs	12/03/2023 2010 hrs	106493	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
106494	13/03/2023 0015 hrs	13/03/2023 0615 hrs	106499	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
106495	13/03/2023 0015 hrs	13/03/2023 0615 hrs	106500	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106519	13/03/2023 1155 hrs	14/03/2023 0000 hrs	106573	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106539	13/03/2023 1255 hrs	13/03/2023 1355 hrs	106544	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106543	13/03/2023 1340 hrs	13/03/2023 1940 hrs	106567	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
106561	13/03/2023 1650 hrs	13/03/2023 1855 hrs	106566	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106564	13/03/2023 1755 hrs	13/03/2023 2000 hrs	106569	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
106565	13/03/2023 1755 hrs	13/03/2023 1955 hrs	106568	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106572	13/03/2023 2255 hrs	14/03/2023 0155 hrs	106574	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106599	14/03/2023 1350 hrs	14/03/2023 1850 hrs	106631	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106600	14/03/2023 1400 hrs	14/03/2023 1705 hrs	106628	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106601	14/03/2023 1435 hrs	14/03/2023 1640 hrs	106626	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
106625	14/03/2023 1625 hrs	14/03/2023 2125 hrs	106634	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106624	14/03/2023 1625 hrs	14/03/2023 1725 hrs	106629	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
106627	14/03/2023 1655 hrs	14/03/2023 2155 hrs	106636	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
106633	14/03/2023 2055 hrs	14/03/2023 2200 hrs	106637	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106656	15/03/2023 1455 hrs	15/03/2023 1755 hrs	106665	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
106662	15/03/2023 1525 hrs	15/03/2023 2025 hrs	106669	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106660	15/03/2023 1525 hrs	15/03/2023 1925 hrs	106668	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106661	15/03/2023 1525 hrs	15/03/2023 1725 hrs	106664	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106663	15/03/2023 1545 hrs	15/03/2023 1845 hrs	106667	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
106670	16/03/2023 0100 hrs	16/03/2023 0200 hrs	106671	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106696	16/03/2023 1525 hrs	16/03/2023 1735 hrs	106715	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
106691	16/03/2023 1310 hrs	16/03/2023 1830 hrs	106722	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106697	16/03/2023 1530 hrs	16/03/2023 1730 hrs	106714	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106699	16/03/2023 1605 hrs	16/03/2023 1705 hrs	106707	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
106705	16/03/2023 1705 hrs	16/03/2023 2000 hrs	106730	Mt Piper – Bannaby 5A6 and 5A7 500 kV lines	NSW	Bushfires	INDJI
106731	17/03/2023 0235 hrs	17/03/2023 0335 hrs	106732	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
106833	19/03/2023 1810 hrs	19/03/2023 1910 hrs	106835	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
106837	19/03/2023 2130 hrs	19/03/2023 2235 hrs	106838	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
106839	19/03/2023 2305 hrs	20/03/2023 0005 hrs	106840	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
106849	20/03/2023 2140 hrs	20/03/2023 2340 hrs	106852	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
106850	20/03/2023 2215 hrs	20/03/2023 2320 hrs	106851	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106853	21/03/2023 0050 hrs	21/03/2023 0155 hrs	106854	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
106861	21/03/2023 1345 hrs	21/03/2023 1645 hrs	106864	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
106867	21/03/2023 2245 hrs	22/03/2023 0245 hrs	106868	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
106869	22/03/2023 0410 hrs	22/03/2023 0510 hrs	106870	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
106873	22/03/2023 0715 hrs	22/03/2023 0915 hrs	106875	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106877	22/03/2023 1440 hrs	22/03/2023 1940 hrs	106882	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106883	22/03/2023 1955 hrs	22/03/2023 2055 hrs	106884	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106885	22/03/2023 2345 hrs	23/03/2023 0045 hrs	106886	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106887	23/03/2023 0330 hrs	23/03/2023 0435 hrs	106888	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106889	23/03/2023 0615 hrs	23/03/2023 0715 hrs	106892	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
106893	23/03/2023 1005 hrs	23/03/2023 1605 hrs	106909	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
106895	23/03/2023 1110 hrs	23/03/2023 2215 hrs	106929	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106899	23/03/2023 1205 hrs	19/04/2023 1210 hrs	107528	South East No. 1 and No. 2 SVCs	SA	Specific risks relating to plant operation	TNSP
106926	23/03/2023 1955 hrs	23/03/2023 2055 hrs	106928	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106930	23/03/2023 2240 hrs	23/03/2023 2340 hrs	106932	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106933	23/03/2023 2350 hrs	24/03/2023 0050 hrs	106936	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106934	24/03/2023 0025 hrs	24/03/2023 0125 hrs	106937	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
106935	24/03/2023 0030 hrs	24/03/2023 0430 hrs	106938	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106939	24/03/2023 0850 hrs	24/03/2023 0950 hrs	106940	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
106946	24/03/2023 1340 hrs	24/03/2023 1740 hrs	106959	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106957	24/03/2023 1515 hrs	24/03/2023 2115 hrs	106962	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106958	24/03/2023 1725 hrs	24/03/2023 2325 hrs	106964	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106960	24/03/2023 1815 hrs	24/03/2023 2315 hrs	106963	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106965	25/03/2023 0240 hrs	25/03/2023 0440 hrs	106967	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106966	25/03/2023 0250 hrs	25/03/2023 0750 hrs	106969	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106970	25/03/2023 0935 hrs	25/03/2023 1040 hrs	106971	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106973	25/03/2023 1340 hrs	25/03/2023 1640 hrs	106982	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
106975	25/03/2023 1400 hrs	25/03/2023 1700 hrs	106983	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106984	25/03/2023 1705 hrs	25/03/2023 2005 hrs	106990	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
106985	25/03/2023 1705 hrs	25/03/2023 1905 hrs	106988	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106989	25/03/2023 2000 hrs	26/03/2023 0100 hrs	106991	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106994	26/03/2023 1830 hrs	26/03/2023 1930 hrs	106995	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
106996	27/03/2023 0420 hrs	27/03/2023 1420 hrs	107027	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
107032	27/03/2023 1620 hrs	N/A	N/A	Palmerston – Sheffield 220 kV line at the Palmerston end only	TAS	Specific risks relating to plant operation	TNSP
107033	27/03/2023 1705 hrs	27/03/2023 2205 hrs	107039	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
107047	28/03/2023 1240 hrs	28/03/2023 1740 hrs	107054	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
107049	28/03/2023 1415 hrs	28/03/2023 2220 hrs	107057	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
107052	28/03/2023 1545 hrs	29/03/2023 0150 hrs	107059	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
107058	29/03/2023 0055 hrs	29/03/2023 0655 hrs	107066	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
107060	29/03/2023 0330 hrs	29/03/2023 0535 hrs	107064	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
107065	29/03/2023 0610 hrs	29/03/2023 0715 hrs	107067	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
107080	29/03/2023 1810 hrs	29/03/2023 2110 hrs	107081	Armidale – Dumaresq 8C 330 kV line and Armidale – Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
107082	30/03/2023 0205 hrs	30/03/2023 0610 hrs	107085	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
107083	30/03/2023 0545 hrs	30/03/2023 0645 hrs	107086	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107087	30/03/2023 0650 hrs	30/03/2023 0750 hrs	107089	Tarong – Chinchilla 7183 and 7168 132 kV lines	QLD	Lightning	INDJI
107116	31/03/2023 1335 hrs	31/03/2023 1935 hrs	107130	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107123	31/03/2023 1415 hrs	31/03/2023 2015 hrs	107132	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107128	31/03/2023 1515 hrs	31/03/2023 2020 hrs	107133	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
107129	31/03/2023 1610 hrs	31/03/2023 1940 hrs	107131	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
107136	1/04/2023 0335 hrs	1/04/2023 0540 hrs	107138	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107135	1/04/2023 0335 hrs	1/04/2023 0535 hrs	107137	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
107150	1/04/2023 1410 hrs	1/04/2023 2215 hrs	107154	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107151	1/04/2023 1705 hrs	1/04/2023 2310 hrs	107155	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107153	1/04/2023 2235 hrs	2/04/2023 0955 hrs	107159	Woree – Tumoulin No.877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107158	2/04/2023 0925 hrs	2/04/2023 0955 hrs	107159	Woree – Tumoulin No.877 275 kV, Chalumbin – Turkinje 7166 132 kV and Kamerunga – Barron Gorge 7143 132 kV lines	QLD	Lightning	INDJI
107168	2/04/2023 1410 hrs	2/04/2023 2010 hrs	107183	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
107169	2/04/2023 1435 hrs	1/05/2023 1315 hrs	107679	Braemar 2 Power Station Unit 5, Unit 6 & Unit 7	QLD	Specific risks relating to plant operation	Generator
107171	2/04/2023 1505 hrs	2/04/2023 1605 hrs	107174	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
107172	2/04/2023 1545 hrs	2/04/2023 2050 hrs	107186	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107173	2/04/2023 1600 hrs	2/04/2023 2105 hrs	107188	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107177	2/04/2023 1615 hrs	2/04/2023 2015 hrs	107185	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
107178	2/04/2023 1625 hrs	2/04/2023 1825 hrs	107179	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
107181	2/04/2023 1855 hrs	2/04/2023 2055 hrs	107187	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
107182	2/04/2023 1910 hrs	2/04/2023 2015 hrs	107184	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107191	3/04/2023 0225 hrs	3/04/2023 0425 hrs	107194	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107198	3/04/2023 1110 hrs	1/05/2023 1315 hrs	107679	Braemar 2 Power Station Unit 5, 6 & 7	QLD	Specific risks relating to plant operation	Generator

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
107204	3/04/2023 1335 hrs	3/04/2023 2205 hrs	107219	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107206	3/04/2023 1410 hrs	3/04/2023 2010 hrs	107214	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
107207	3/04/2023 1415 hrs	3/04/2023 2210 hrs	107218	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107208	3/04/2023 1415 hrs	3/04/2023 2150 hrs	107217	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107211	3/04/2023 1625 hrs	3/04/2023 2130 hrs	107216	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
107228	4/04/2023 1545 hrs	4/04/2023 2050 hrs	107237	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107227	4/04/2023 1545 hrs	4/04/2023 1845 hrs	107233	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107229	4/04/2023 1555 hrs	4/04/2023 2120 hrs	107238	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107231	4/04/2023 1705 hrs	4/04/2023 1905 hrs	107234	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
107232	4/04/2023 1735 hrs	4/04/2023 1935 hrs	107235	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
107239	5/04/2023 1040 hrs	5/04/2023 1140 hrs	107241	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107240	5/04/2023 1045 hrs	5/04/2023 1155 hrs	107242	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107257	5/04/2023 1820 hrs	5/04/2023 2040 hrs	107287	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107255	5/04/2023 1820 hrs	5/04/2023 2035 hrs	107285	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107256	5/04/2023 1820 hrs	5/04/2023 2035 hrs	107286	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107289	5/04/2023 2055 hrs	6/04/2023 0100 hrs	107290	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
107288	5/04/2023 2100 hrs	6/04/2023 0520 hrs	107291	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107303	6/04/2023 1645 hrs	6/04/2023 1945 hrs	107307	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107304	6/04/2023 1655 hrs	6/04/2023 2225 hrs	107308	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107306	6/04/2023 1940 hrs	N/A	N/A	Robertstown – North West Bend No. 1 and North West Bend – Monash – Berri No. 1 132 kV lines	SA	Specific risks relating to plant operation	TNSP
107310	7/04/2023 0455 hrs	7/04/2023 0755 hrs	107311	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	INDJI
107317	7/04/2023 0905 hrs	7/04/2023 2005 hrs	107339	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
107321	7/04/2023 1250 hrs	7/04/2023 1350 hrs	107323	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
107322	7/04/2023 1300 hrs	7/04/2023 2000 hrs	107338	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
107324	7/04/2023 1410 hrs	7/04/2023 2110 hrs	107342	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
107328	7/04/2023 1540 hrs	7/04/2023 2100 hrs	107341	Collinsville – Stoney Creek 7306 132 kV line and Collinsville – Newlands 7121 132 kV line	QLD	Lightning	INDJI
107329	7/04/2023 1615 hrs	7/04/2023 2045 hrs	107340	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI
107331	7/04/2023 1730 hrs	7/04/2023 2225 hrs	107347	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107332	7/04/2023 1735 hrs	7/04/2023 2225 hrs	107346	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107336	7/04/2023 1930 hrs	7/04/2023 2305 hrs	107345	Bannaby – Mt Piper 5A6 and 5A7 500 kV lines	NSW	Lightning	INDJI
107337	7/04/2023 1955 hrs	7/04/2023 2225 hrs	107348	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107357	8/04/2023 1530 hrs	8/04/2023 1735 hrs	107360	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
107358	8/04/2023 1715 hrs	8/04/2023 2115 hrs	107362	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107359	8/04/2023 1725 hrs	8/04/2023 2135 hrs	107361	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107371	9/04/2023 1820 hrs	9/04/2023 1925 hrs	107373	Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	INDJI
107370	9/04/2023 1820 hrs	9/04/2023 1920 hrs	107372	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107384	10/04/2023 1650 hrs	10/04/2023 1820 hrs	107387	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107385	10/04/2023 1655 hrs	10/04/2023 1835 hrs	107388	Woree – Tumoulin No.877 275 kV and Chalumbin – Turkinje No.7166 132 kV lines	QLD	Lightning	INDJI
107393	11/04/2023 0700 hrs	12/04/2023 0450 hrs	107412	Para – Templers West and Magill – Torrens Island A 275 kV lines	SA	Severe Wind	BOM
107396	11/04/2023 1450 hrs	11/04/2023 1650 hrs	107403	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107397	11/04/2023 1500 hrs	11/04/2023 1800 hrs	107407	Woree – Tumoulin No.877 275 kV and Chalumbin – Turkinje No.7166 132 kV lines	QLD	Lightning	INDJI
107428	12/04/2023 1745 hrs	12/04/2023 2215 hrs	107432	Bannaby – Mt Piper 5A6 and 5A7 500 kV lines	NSW	Lightning	INDJI
107430	12/04/2023 1850 hrs	12/04/2023 2155 hrs	107435	Bayswater – Mt Piper 5A3 and Bayswater – Wollar 5A4 500 kV lines	NSW	Lightning	INDJI
107433	12/04/2023 2155 hrs	13/04/2023 0055 hrs	107436	Armidale – Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	NSW	Lightning	INDJI
107448	13/04/2023 1645 hrs	13/04/2023 1850 hrs	107463	Woree – Tumoulin No.877 275 kV and Chalumbin – Turkinje No.7166 132 kV lines	QLD	Lightning	INDJI
107447	13/04/2023 1645 hrs	13/04/2023 1845 hrs	107462	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107489	16/04/2023 1425 hrs	16/04/2023 1825 hrs	107498	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107492	16/04/2023 1555 hrs	16/04/2023 1805 hrs	107497	Woree – Tumoulin No.877 275 kV and Chalumbin – Turkinje No.7166 132 kV lines	QLD	Lightning	INDJI

Start MN	Start of event	End of event	End MN	Equipment	Region	Reason	Source
107491	16/04/2023 1555 hrs	16/04/2023 1755 hrs	107496	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	INDJI
107500	17/04/2023 0000 hrs	17/04/2023 0600 hrs	107502	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107514	17/04/2023 2110 hrs	18/04/2023 0510 hrs	107517	Ross – Chalumbin 857 and 858 275 kV lines	QLD	Lightning	INDJI
107531	20/04/2023 0830 hrs	20/04/2023 1710 hrs	107532	Multiple generating plants in QLD, NSW, VIC and SA regions	QLD/NSW VIC/SA	Sudden or unexpected changes to solar generation	BOM
107581	26/04/2023 1005 hrs	26/04/2023 1705 hrs	107588	Farrell 220 kV A bus	TAS	Specific risks relating to plant operation	TNSP
107611	27/04/2023 0950 hrs	27/04/2023 1255 hrs	107614	Farrell 220 kV A bus	TAS	Specific risks relating to plant operation	TNSP
107631	28/04/2023 0825 hrs	28/04/2023 1025 hrs	107634	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	INDJI
107646	29/04/2023 0815 hrs	29/04/2023 1130 hrs	107647	Mt Piper – Bannaby 5A6 and 5A7 500 kV lines	NSW	Lightning	INDJI
107653	30/04/2023 1720 hrs	30/04/2023 2120 hrs	107654	Collinsville – Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	Lightning	INDJI

A2. Number of reclassifications on each element, 1 November 2022 to 30 April 2023

Table 3 Number of times reclassification occurred on each element, 1 November 2022 to 30 April 2023

Element	Region	Number of times reclassified					Total
		Bushfires	Lightning	Severe wind	Sudden or unexpected changes to solar generation	Specific risks relating to plant operation	
Multiple generating plant in QLD, NSW, VIC and SA regions	Multiple	0	0	0	1	0	1
Armidale - Dumaresq 8C 330 kV line and Armidale - Sapphire Wind Farm 8E 330 kV line	NSW	1	80	0	0	0	81
Bayswater - Mt Piper 5A3 and Bayswater - Wollar 5A4 500 kV lines	NSW	0	81	0	0	0	81
Lismore - Dunoon 9U6 132 kV line and Lismore - Dunoon 9U7 132 kV line	NSW	0	15	0	0	0	15
Bannaby - Mt Piper 5A6 and 5A7 500 kV lines	NSW	0	2	0	0	0	2
Mt Piper - Bannaby 5A6 and 5A7 500 kV lines	NSW	1	1	0	0	0	2
Bayswater - Wollar 5A4 500 kV line and Tomago Potline No. 3	NSW	0	0	0	0	1	1
Ross - Chalumbin 857 and 858 275 kV lines	QLD	0	81	0	0	0	81
Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	0	79	0	0	0	79
Collinsville - Mackay Tee Proserpine 7125 and 7126 132 kV lines	QLD	0	48	0	0	0	48
Collinsville - Stoney Creek 7306 132 kV line and Collinsville - Newlands 7121 132 kV line	QLD	0	47	0	0	0	47
Tarong - Chinchilla 7183 and 7168 132 kV lines	QLD	0	29	0	0	0	29
Woree - Tumoulin No.877 275 kV and Chalumbin - Turkinje No.7166 132 kV lines	QLD	0	15	0	0	0	15
Condabri North - Condabri Central 7400 and 7401 132kV lines	QLD	0	9	0	0	0	9

Element	Region	Number of times reclassified					Total
		Bushfires	Lightning	Severe wind	Sudden or unexpected changes to solar generation	Specific risks relating to plant operation	
Braemar 2 Power Station Unit 5, 6 & 7	QLD	0	0	0	0	2	2
Bulli Creek to Braemar 9901 and 9902 330 kV lines	QLD	2	0	0	0	0	2
Columboola - Wandoan South No. 8891 and No. 8892 275 kV lines	QLD	2	0	0	0	0	2
Woree - Tumoulin No.877 275 kV, Chalumbin - Turkinje No.7166 132 kV and Kamerunga - Barron Gorge No.7143 132 kV lines	QLD	0	1	0	0	0	1
Brinkworth - Davenport, Brinkworth - Templers West and Para - Templers West 275 kV lines	SA	0	0	9	0	0	9
Para - Templers West and Magill - Torrens Island A 275 kV lines	SA	0	0	4	0	0	4
Bungama-Snowtown-Hummocks and Bungama-Redhill-Brinkworth 132 kV lines	SA	0	0	0	0	1	1
Robertstown - North West Bend No 1 and North West Bend - Monash - Berri No 1 132 kV lines	SA	0	0	0	0	1	1
South East No. 1 and No. 2 SVCs	SA	0	0	0	0	1	1
Farrell - John Butters 220kV line & Farrell - Rosebery Tee Queenstown - Newton 110 kV line	TAS	0	9	0	0	0	9
Lindisfarne - Mornington Tee - Rokeby No. 1 110 kV line and Lindisfarne - Mornington Tee - Rokeby No. 2 110 kV line	TAS	0	6	0	0	0	6
Farrell - Reece No. 1 and No. 2 220 kV lines	TAS	0	4	0	0	0	4
Farrell 220 kV A bus	TAS	0	0	0	0	2	2
Basslink DC Link	TAS	0	1	0	0	0	1
Farrell - Sheffield No. 1 and No. 2 220 kV lines	TAS	0	1	0	0	0	1
Sheffield - Palmerston 220kV line at the Palmerston end only	TAS	0	0	0	0	1	1
Eildon - Mt Beauty No. 1 and No. 2 220kV lines	VIC	0	72	0	0	0	72

Element	Region	Number of times reclassified					Specific risks relating to plant operation	Total
		Bushfires	Lightning	Severe wind	Sudden or unexpected changes to solar generation			
Kerang - Wemen - Red Cliffs 220 kV line and Kiamal solar farm transformer	VIC	0	0	0	0		1	1

A3. Non-credible contingency events, 1 November 2022 to 30 April 2023

Table 4 Non-credible contingency events, 1 November 2022 to 30 April 2023

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 teal in Table 4 explain the non-credible contingency events corresponding to the reclassifications highlighted in teal in Appendix A1.

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
05/11/2022 0700 hrs	Trip of Bulli Creek – Braemar and Bulli Creek – Dumaresq 330 kV lines	QLD	Protection and Control	No	Refer to published incident report at: https://www.aemo.com.au/-/media/files/electricity/nem/market_notices_and_events/power_system_incident_reports/2022/trip-of-bulli-creek-braemar-9902-line-followed-by-trip-of-bulli-creek-dumaresq-8m-line.pdf?la=en
12/11/2022 0730 hrs	Trip of Bayswater – Wollar 5A4 500 kV line and Tomago Portline 3	NSW	Unknown	Yes	The cause of this incident could not be identified and AEMO reclassified this event as a credible contingency event until further notice. Transgrid advised that line 5A4 tripped due to bird nesting activity. Tomago advised that Potline 3 rectifier group was operating in temporary arrangement due to maintenance on the day. During the line trip and auto-reclose disturbance, Group 34 Rectifier spuriously tripped subsequently losing Potline 3. The reclassification remains in place whilst investigation is continuing, and rectifier control systems are being upgraded.
12/11/2022 1445 hrs	Trip of Bungama – Snowtown – Hummocks and Bungama – Redhill - Brinkworth 132 kV lines	SA	Other	Yes	The cause of this non-credible contingency event was initially unknown and AEMO reclassified the event as a credible contingency event until further notice. ElectraNet advised that the trip of Bungama - Snowtown - Hummocks and Bungama - Redhill - Brinkworth 132 kV lines wasn't simultaneous but two independent faults in the same geographical area, and the protection system functioned as per design. The reclassification was cancelled as AEMO no longer considered the trip of both lines as reasonably possible based on advice received from the TNSP.
12/11/2022 1640 hrs	Trip of South East – Taillem Bend 275 kV No.1 and 2 lines	SA	Other - Tower Failure	No	Refer to published incident report at: https://www.aemo.com.au/-/media/files/electricity/nem/market_notices_and_events/power_system_incident_reports/2022/trip-of-south-east-taillem-bend-275-kv-lines-november-2022.pdf?la=en

Appendix A3. Non-credible contingency events, 1 November 2022 to 30 April 2023

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
16/11/2022 1050 hrs	Trip of Newport D 220 kV bus and Newport - Brooklyn 220 kV line	VIC	Human Error	No	Refer to published incident report at: https://www.aemo.com.au/-/media/files/electricity/nem/market_notices_and_events/power_system_incident_reports/2022/trip-of-npsd-220-kv-no-1-bus.pdf?la=en
25/11/2022 1915 hrs	Trip of Chalumbin-Turkinje 7165 and 7166 lines	QLD	Lightning	Yes	The cause of this non-credible contingency event was initially unknown and AEMO reclassified the event as a credible contingency event until further notice. Powerlink later advised that the cause was identified as lightning. AEMO then declared Chalumbin –Turkinje 7165 and 7166 lines to be vulnerable with a category of probable due to lightning and cancelled the reclassification.
11/12/2022 1200 hrs	Trip of Kerang – Wemen – Red Cliffs 220 kV line and Kiamal Solar Farm transformer	VIC	Human Error	Yes	Refer to published incident report at: https://www.aemo.com.au/-/media/files/electricity/nem/market_notices_and_events/power_system_incident_reports/2022/trip-of-kerang--wemen-red-cliffs-220-kv-line.pdf?la=en
03/02/2023 1720 hrs	Trip of Kareeya Power Station Unit 1, Unit 2 and Unit 4	QLD	Protection and Control	No	Clean Co advised that the cause was identified as mal operation of the flood switch and the faulty switch has been repaired. AEMO was satisfied that another occurrence of this event was unlikely under the circumstances. AEMO did not reclassify this event as a credible contingency event as the cause had been identified and rectified.
13/02/2023 1405 hrs	Trip of Columboola – Wandoan South 8891 and 8892 275 kV lines	QLD	Bushfire	Yes	Refer to published incident report at: https://www.aemo.com.au/-/media/files/electricity/nem/market_notices_and_events/power_system_incident_reports/2023/trip-of-columboola---wandoan-south-275-kv-lines-8891-and-8892.pdf?la=en
23/03/2023 1115 hrs	Trip of South East No. 1 and No. 2 SVC	SA	Protection and Control	Yes	Refer to published incident report at: https://www.aemo.com.au/-/media/files/electricity/nem/market_notices_and_events/power_system_incident_reports/2023/trip-of-south-east-svc-no-1-and-2-on-23-march-2023.pdf?la=en
27/03/2023 1040 hrs	Trip of Palmerston – Sheffield 220 kV line at Palmerston end only	TAS	Unknown	Yes	The cause of this incident could not be identified and AEMO reclassified this event as a credible contingency event until further notice.
01/04/2023 1950 hrs	Unplanned outage of Braemar 2 Power Station Unit 5, Unit 6 and Unit 7	QLD	Protection and Control	Yes	The cause of this non-credible contingency event was initially unknown and AEMO reclassified the event as a credible contingency event until further notice. Arrow Energy later advised that the cause was identified as no power supply to Braemar 2 power station gas equipment due to depletion of Uninterruptible Power Supply (UPS) battery. Arrow Energy completed a range of remediation actions, including setting up an alarm for the event of a main power outage, installing communication infrastructure to monitor valve and UPS operation, installing a temporary petrol generator on site and mobilising operators to be on site when required. Capacity upgrade on UPS battery and installation of permanent diesel generator were also planned to be actioned in the future. The reclassification was cancelled as AEMO no

Date of contingency	Description	Region	Primary cause	Was the contingency then reclassified?	Comments
					longer considered the event as reasonably possible based on advice received from the participant.
01/04/2023 2105 hrs	Trip of Woree – Tumoulin 877 275 kV and Chalumbin – Turkinje 7166 132 kV lines	QLD	Lightning	Yes	The cause of this non-credible contingency event was initially unknown and AEMO reclassified the event as a credible contingency event until further notice. Powerlink later advised that the cause was identified as lightning. The Woree - Tumoulin 877 275 kV and Chalumbin - Turkinje 7166 132 kV lines were not considered to be vulnerable lines as they were not on the same tower but shared the same easement, which didn't satisfy the criteria to be declared as vulnerable. The reclassification was then cancelled as there was no longer any lightning activity in the vicinity of the lines.
06/04/2023 1815 hrs	Trip of Robertstown – North West Bend No. 1 and North West Bend – Monash – Berri No. 1 132 kV lines	SA	Unknown	Yes	The cause of this incident could not be identified and AEMO reclassified this event as a credible contingency event until further notice. The reclassification remains in place as the root cause has not yet been identified and is still being investigated by the TNSP.
07/04/2023 1830 hrs	Trip of Bannaby – Mt Piper 5A6 and 5A7 500 kV lines	NSW	Lightning	Yes	The cause of this non-credible contingency event was initially unknown and AEMO reclassified the event as a credible contingency event until further notice. TransGrid later advised that the cause was identified as lightning. AEMO then declared Mt Piper - Bannaby 5A6 and 5A7 500 kV lines to be vulnerable with a category of probable due to lightning, and cancelled the reclassification as there was no longer any lightning activity in the vicinity of the lines.
07/04/2023 2300 hrs	Trip of Liddell – Tomago 82 330 kV line and the Tamworth No. 1 330 kV SVC	NSW	Protection and Control	Yes	TransGrid advised that Tamworth No. 1 330 kV SVC tripped due to incorrect control system action in response to the trip of the Liddell – Tomago 82 330 kV line. The SVC control system had been rectified and the trip was not expected to happen again. TransGrid also advised that the cause of the line 82 tripping was identified as failure of the "Centre" phase insulator string breaking. The failed insulator string was replaced and other insulators on the tower were inspected and found to be intact and in good condition. AEMO was satisfied that another occurrence of this event was unlikely under the circumstances. AEMO did not reclassify this event as a credible contingency event as the cause had been identified and rectified. On 17 August 2023 at 1727 hrs, the Tamworth 1 330 kV SVC tripped unexpectedly, with Transgrid confirming the trip was most likely due to a thyristor card error. In light of this trip (while Transgrid controls were in place), Transgrid's ongoing investigation and after further discussion with Transgrid, on 23 August 2023 AEMO correctly reclassified the trip of the Liddell – Tomago 330 kV No. 82 line and the Tamworth 1 330 kV SVC as a credible contingency event until further notice.



A4. Binding reclassification constraints, 1 November 2022 to 30 April 2023

Table 5 Reclassification constraints binding impact, 1 November 2022 to 30 April 2023

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of binding Dispatch Intervals / Hours	Total Marginal Values ¹⁰
7/11/2022 1330 hrs	7/11/2022 1510 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	1 (0.08)	1
13/11/2022 2250 hrs	13/11/2022 2345 hrs	Farrell - Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_RREG	22 (1.83)	216
			F_T+FASH_N-2_TG_R6_1	1 (0.08)	10
21/11/2022 1525 hrs	21/11/2022 1625 hrs	Farrell - Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_RREG	8 (0.67)	20
			F_T+FARE_N-2_TG_R5	13 (1.08)	30
			F_T+FARE_N-2_TG_R6_2	8 (0.67)	21
			F_T+FARE_N-2_TG_R60	4 (0.33)	2
23/11/2022 0610 hrs	23/11/2022 0810 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	10 (0.83)	1075
09/12/2022 1615 hrs	09/12/2022 1715 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	2 (0.17)	3358
10/12/2022 1315 hrs	10/12/2022 1915 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	10 (0.83)	10133
11/12/2022 1610 hrs	11/12/2022 1710 hrs	Farrell - Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_RREG	4 (0.33)	52
			F_T+FARE_N-2_TG_R5	11 (0.92)	65
			F_T+FARE_N-2_TG_R6_2	5 (0.42)	250

¹⁰ Binding constraint equations affect electricity market pricing. The binding impact is used to distinguish the severity of different binding constraint equations. The marginal value is a mathematical term for the binding impact arising from relaxing the RHS of a binding constraint by one MW. As the market clears each DI, the binding impact is measured in \$/MW/DI. See “Constraint Frequently Asked Questions” for further information: <https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/system-operations/congestion-information-resource/constraint-faq#:~:text=What%20is%20the%20marginal%20value,cost%20to%20the%20objective%20function.>

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of binding Dispatch Intervals / Hours	Total Marginal Values ¹⁰
12/12/2022 0830 hrs	12/12/2022 1230 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	23 (1.92)	22244
13/12/2022 1220 hrs	13/12/2022 2150 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	16 (1.33)	18102
15/12/2022 1610 hrs	15/12/2022 1840 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	4 (0.33)	4494
16/12/2022 1345 hrs	17/12/2022 0115 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	128 (10.67)	147419
17/12/2022 0145 hrs	17/12/2022 0345 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	20 (1.67)	22241
17/12/2022 0530 hrs	17/12/2022 0730 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	24 (2)	24285
17/12/2022 1315 hrs	17/12/2022 1715 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	47 (3.92)	46720
17/12/2022 2055 hrs	18/12/2022 0255 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	69 (5.75)	76604
18/12/2022 0305 hrs	18/12/2022 0405 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	6 (0.5)	6605
31/12/2022 1345 hrs	31/12/2022 1450 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	24 (2)	1
31/12/2022 1515 hrs	31/12/2022 1715 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	1 (0.08)	255
03/01/2023 1610 hrs	03/01/2023 1910 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	10 (0.83)	833
04/01/2023 1325 hrs	04/01/2023 1830 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	12 (1)	2208
04/01/2023 1935 hrs	04/01/2023 2335 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	31 (2.58)	619
05/01/2023 1430 hrs	05/01/2023 1930 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	17 (1.42)	65978

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of binding Dispatch Intervals / Hours	Total Marginal Values ¹⁰
12/01/2023 1435 hrs	12/01/2023 1635 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	61 (5.08)	27071
15/01/2023 1430 hrs	15/01/2023 1635 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	25 (2.08)	24888
15/01/2023 1705 hrs	15/01/2023 2030 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	23 (1.92)	29575
15/01/2023 2215 hrs	16/01/2023 0240 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	26 (2.17)	51973
16/01/2023 1345 hrs	16/01/2023 2145 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	48 (4)	93389
16/01/2023 2245 hrs	17/01/2023 0430 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	83 (6.92)	74531
17/01/2023 1420 hrs	17/01/2023 2320 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	69 (5.75)	77287
20/01/2023 1145 hrs	20/01/2023 1545 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	67 (5.58)	3
23/01/2023 0900 hrs	23/01/2023 1105 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	5 (0.42)	70
26/01/2023 1810 hrs	26/01/2023 2010 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	7 (0.58)	4111
26/01/2023 2255 hrs	27/01/2023 0155 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	18 (1.5)	164
27/01/2023 1315 hrs	27/01/2023 2015 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	9 (0.75)	2212
27/01/2023 1510 hrs	27/01/2023 2210 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	2 (0.17)	875
28/01/2023 1615 hrs	28/01/2023 1820 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	18 (1.5)	18
29/01/2023 1450 hrs	29/01/2023 1550 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	2 (0.17)	109

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of binding Dispatch Intervals / Hours	Total Marginal Values ¹⁰
29/01/2023 1705 hrs	29/01/2023 2105 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	2 (0.17)	7556
30/01/2023 1420 hrs	30/01/2023 1820 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	27 (2.25)	1522
01/02/2023 1310 hrs	02/02/2023 0210 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	18 (1.5)	2376
02/02/2023 1525 hrs	03/02/2023 0025 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	2 (0.17)	5958
03/02/2023 1730 hrs	04/02/2023 0130 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	3 (0.25)	101589
04/02/2023 1250 hrs	04/02/2023 2150 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	96 (8)	7618
05/02/2023 0015 hrs	05/02/2023 0715 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	18 (1.5)	8799
05/02/2023 2230 hrs	06/02/2023 0630 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	8 (0.67)	3291
07/02/2023 1400 hrs	07/02/2023 1630 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	3 (0.25)	26517
14/02/2023 0835 hrs	14/02/2023 2035 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	24 (2)	2686
19/02/2023 1130 hrs	19/02/2023 1630 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	13 (1.08)	78
27/02/2023 1355 hrs	28/02/2023 0010 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	1 (0.08)	240
28/02/2023 1345 hrs	28/02/2023 1845 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	9 (0.75)	4
01/03/2023 1610 hrs	01/03/2023 1715 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	4 (0.33)	1097
01/03/2023 1825 hrs	01/03/2023 2025 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	10 (0.83)	301

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of binding Dispatch Intervals / Hours	Total Marginal Values ¹⁰
02/03/2023 1325 hrs	02/03/2023 1845 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	4 (0.33)	118
13/03/2023 1650 hrs	13/03/2023 1855 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	4 (0.33)	1161
15/03/2023 1525 hrs	15/03/2023 1725 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	18 (1.5)	26556
16/03/2023 1310 hrs	16/03/2023 1830 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	23 (1.92)	129321
17/03/2023 0235 hrs	17/03/2023 0335 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	58 (4.83)	13123
24/03/2023 0850 hrs	24/03/2023 0950 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	12 (1)	885
24/03/2023 1340 hrs	24/03/2023 1740 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	12 (1)	770
25/03/2023 0935 hrs	25/03/2023 1040 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	8 (0.67)	39
25/03/2023 1340 hrs	25/03/2023 1640 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	Q::N_8C8J_AR_2LG_N-2	7 (0.58)	72
27/03/2023 1705 hrs	27/03/2023 2205 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	6 (0.5)	2688
28/03/2023 1415 hrs	28/03/2023 2220 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	19 (1.58)	13075
29/03/2023 1810 hrs	29/03/2023 2110 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	35 (2.92)	1087
01/04/2023 0335 hrs	01/04/2023 0540 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	18 (1.5)	3557
01/04/2023 1410 hrs	01/04/2023 2215 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	3 (0.25)	2388
02/04/2023 1855 hrs	02/04/2023 2055 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	2 (0.17)	411

Reclassification start time	Reclassification end time	Reclassified equipment	Constraint	Number of binding Dispatch Intervals / Hours	Total Marginal Values ¹⁰
03/04/2023 1335 hrs	03/04/2023 2205 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	8 (0.67)	3701
07/04/2023 0905 hrs	07/04/2023 2005 hrs	Armidale - Dumaresq 8C 330 kV line and Armidale-Sapphire Wind Farm 8E 330 kV line	N::Q_8C8J_KC_N-2	3 (0.25)	526
17/04/2023 2110 hrs	18/04/2023 0510 hrs	Ross - Chalumbin 857 and 858 275 kV lines	Q_STR_KBWF_N-2	18 (1.5)	11059
26/04/2023 1005 hrs	26/04/2023 1705 hrs	Farrell 220 kV A bus	F_T++FA_B_N-2_TG_R6	10 (0.83)	210
			F_T+FA_B_N-2_RREG	16 (1.33)	498
			F_T++FA_B_N-2_TG_R60	79 (6.58)	69
			T>T_FASH_3_N-2	23 (1.92)	719
			F_T++FA_B_N-2_TG_R5	29 (2.42)	1
			T_FASH_MAXG_SB3	6 (0.5)	54
27/04/2023 0950 hrs	27/04/2023 1255 hrs	Farrell 220 kV A bus	F_T++FA_B_N-2_TG_R6	4 (0.33)	1195