



REVIEW OF POWER SYSTEM RECLASSIFICATION EVENTS 1 NOVEMBER 2015 TO 30 APRIL 2016

FOR THE NATIONAL ELECTRICITY MARKET

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IMPORTANT NOTICE

Purpose

AEMO has prepared this document to review power system reclassification events in the National Electricity Market for the period 1 November 2015 to 30 April 2016.

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1. INTRODUCTION

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

AEMO is required to issue such a report every six months. This report covers the period from 1 November 2015 to 30 April 2016 (**reporting period**). The report:

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

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

2. OVERVIEW

Apart from one event, AEMO appropriately reclassified *non-credible contingency events* as *credible contingency events* based on the reclassification criteria contained in AEMO's Power System Security Guidelines SO_OP_3715¹ for bushfires, lightning or other reasons. AEMO notified *Market Participants*, via *Market Notices*², of the reasons for reclassifying these *non-credible contingency events*.

The number of reclassification events in this reporting period has increased compared with historical summer trends. AEMO will commence a review into the reclassification criteria to determine if the current methodologies are still appropriate. This review will involve consultation with industry stakeholders and will be completed in 2017.

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

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

3. AEMO'S ROLE

The *power system* is operated such that it will remain in a *satisfactory operating state*³ for the loss of single elements in the *transmission network*. These events are defined as *credible contingency events*⁴ and include:

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

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

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

Examples include:

- Three phase electrical faults.
- 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 (e.g. a *transmission line* that trips at one end only).
- The trip of multiple *generating units*.
- The trip of more than one *load* block in a *region* where the combined *load* lost exceeds what would normally be considered a *credible contingency event* in that *region*.

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

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

4. RECLASSIFICATION CRITERIA

AEMO has developed criteria for determining if a *non-credible contingency event* should be reclassified as a *credible contingency event* (**reclassification criteria**). The reclassification criteria are specified in AEMO's Power System Security Guidelines SO_OP_3715. The reclassification criteria apply to:

- Bushfires.
- Lightning.
- Other events (pollution, protection and control issues, advice from participants).

AEMO recently reviewed the reclassification criteria for bushfires and lightning. For the bushfire reclassification criteria there was no change.

The lightning reclassification criteria were modified, by removing pairs of *transmission lines* from the 'Vulnerable Transmission Lines' list⁶ after three years (where it was five years) if those lines had not tripped again due to lightning in the three years since the initial trip.

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

³ Refer to clause 4.2.2 of the NER.

⁴ Refer to clause 4.2.3 of the NER.

⁵ See clause 4.2.3A(a) of the NER.

⁶ See Table 5 in Section 11.4.2 of SO_OP_3715 Power System Security Guidelines.

5. RECLASSIFICATION EVENTS 1 NOVEMBER 2015 TO 30 APRIL 2016

AEMO reclassified 616 events during the reporting period. Table 1 summarises these events. Refer to Appendix A for a complete list of events. Each relevant contingency did not occur.

Table 1 Reclassification events for period 1 November 2015 to 30 April 2016

Criteria	Number of Reclassification Events	Incidence of contingency occurring during reclassification
Bushfires	6	0
Lightning	594	0
Other	16	0
Total for Period	616	0

AEMO correctly reclassified events due to bushfires using the criteria specified in Section 11.3 of SO_OP3715. There were six reclassifications due to bushfires in this period.

AEMO correctly reclassified events due to lightning using the criteria specified in Section 11.4 of SO_OP3715. There were 594 reclassifications due to lightning in this reporting period, but none of these occurred.

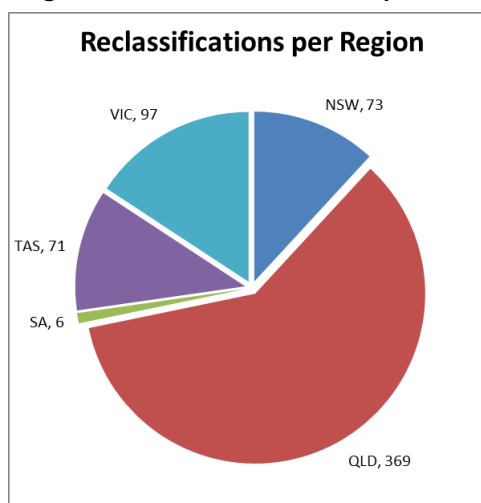
During the reporting period, there were 16 reclassifications for other reasons using the reclassification criteria specified in Section 11.5 and 11.6 of SO_OP_3715. These events were reclassified due to abnormal weather conditions, advice from participants, or that the non-credible contingencies had occurred and AEMO considered there was a risk of reoccurrence.

AEMO incorrectly reclassified one event. On 2 December 2015, both Roma – Coolumboola 7164 and 7174 132 kV lines tripped. AEMO reclassified this as a *credible contingency event* based on advice from Powerlink that the cause was unknown. AEMO cancelled the reclassification eight hours later, because it did not meet the reclassification criteria as lines 7164 and 7174 lines are not classified as *transmission elements*.

5.1 Reclassification trends

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

Figure 1 Reclassifications per region 1 November 2015 to 30 April 2016



The historical trend of reclassification events is shown in Figure 2. The number of reclassification events has increased during this reporting period, compared to the previous summer, due to increased lightning reclassifications.

Three sets of adjacent *transmission lines* tripped due to lightning before being reclassified by AEMO. These lines were not on the Vulnerable Transmission Line list⁷ and, consequently, are not normally reclassified in the presence of lightning. As a result of these lines tripping, AEMO subsequently added them to the lightning Vulnerable Transmission Line list (see Table 2) because they fulfilled the criteria specified in section 11.4.1 of SO_OP_3715. There have been 55 reclassification events on these *transmission lines* since they were added to the Vulnerable Transmission Line list. During these 55 reclassifications, there were no contingency events.

Figure 2 Historical reclassification events

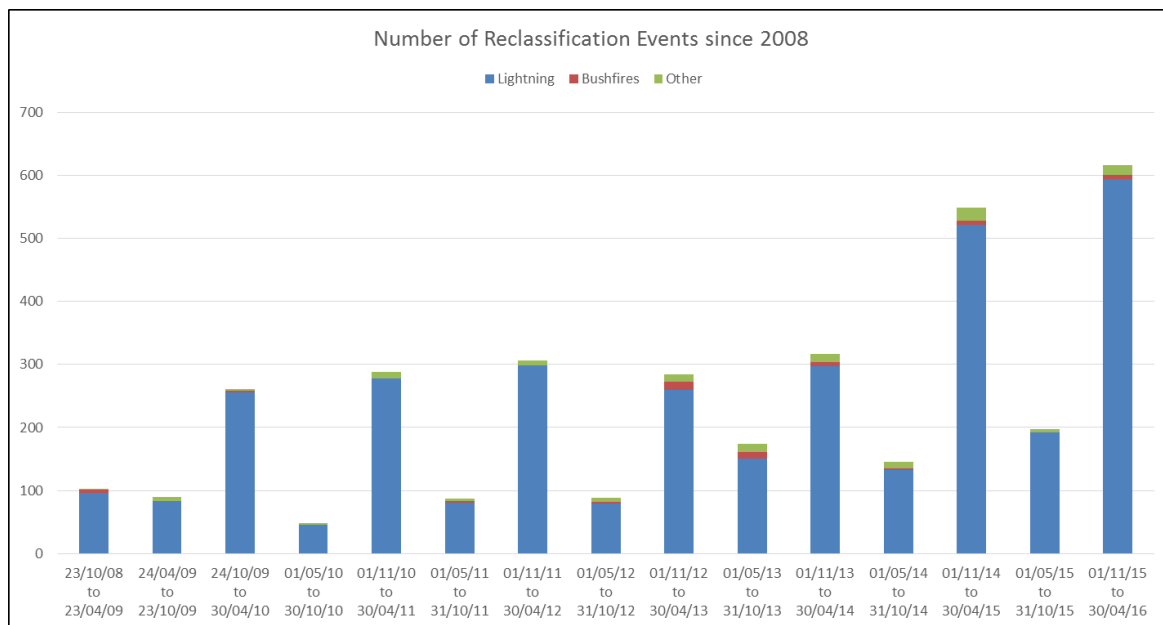


Table 2 Transmission lines added to the lightning vulnerable transmission line list

Transmission line added to the lightning vulnerable transmission line list	Region	Reclassification Events	Contingencies during reclassification
Chinchilla – Columboola 7349 and 7350 132 kV lines	QLD	38	0
Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	8	0
Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV lines	QLD	9	0
Total for period		55	0

6. NON-CREDIBLE CONTINGENCY EVENTS 1 NOVEMBER 2015 TO 30 APRIL 2016

There were 30 *non-credible contingency events* during the reporting period. AEMO subsequently reclassified 14 of these as *credible contingency events* as there was a risk of the event reoccurring.

⁷ See section 11.4.2 of SO_OP_3715.

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

7. EVENTS RECLASSIFIED IN PREVIOUS REPORTING PERIOD

Table 3 shows one *non-credible contingency event* that was reclassified as a *credible contingency event*. AEMO cancelled this reclassification because AEMO’s assessment showed no increased risk of the *non-credible contingency event’s* occurring.

Table 3 Events reclassified in previous reporting period but cancelled in this reporting period

Start MN	Start reclassification	End reclassification	Reclassified equipment	Region	Reason
46661	19/10/2014 23:30	18/01/2016 07:00	Trip of Ballarat – Elaine – Moorabool 220 kV line and Waubra WF	VIC	Other

8. MARKET IMPACT OF RECLASSIFICATION CONSTRAINTS

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

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

There were 14 reclassified events that resulted in binding constraint equations.

9. CONCLUSION

AEMO concluded that, during the reporting period:

1. Apart from one event, AEMO correctly applied the reclassification criteria.
2. AEMO notified *Market Participants* of the reasons for reclassifying *non-credible contingency events*.
3. The number of reclassification events has increased compared with historical summer trends.

APPENDIX A. RECLASSIFICATION EVENTS 1 NOVEMBER 2015 TO 30 APRIL 2016

Please note the below definitions:

GPATS – The Global Positioning and Tracking System (GPATS) is used to provide detection and location of cloud to ground lightning strikes. GPATS delivers 'live' data with a refresh rate of 1 second and provides full coverage of the transmission system.

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.

Table 4 Reclassification events 1 November 2015 to 30 April 2016

Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50241	01/11/2015 06:00	01/11/2015 14:30	50246	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50242	01/11/2015 06:05	01/11/2015 19:10	50250	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
50244	01/11/2015 13:50	01/11/2015 18:00	50249	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
50247	01/11/2015 17:50	01/11/2015 19:45	50252	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50248	01/11/2015 17:50	01/11/2015 19:45	50253	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50274	02/11/2015 13:30	05/11/2015 18:00	50341	Trip of Heywood – South East No.1 275 kV line at the South East end only	SA	Other	Event occurred
50277	02/11/2015 14:55	02/11/2015 17:20	50279	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50278	02/11/2015 14:55	02/11/2015 17:20	50280	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50283	03/11/2015 00:10	03/11/2015 01:10	50285	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50284	03/11/2015 00:10	03/11/2015 01:10	50286	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50291	03/11/2015 11:35	03/11/2015 17:00	50297	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50292	03/11/2015 11:35	03/11/2015 17:00	50298	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS

Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50295	03/11/2015 16:00	03/11/2015 18:15	50299	Trip of Tomago No.1, No.2 and No.3 potlines	NSW	Other	Event occurred
50304	04/11/2015 13:05	04/11/2015 18:55	50319	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50305	04/11/2015 13:05	04/11/2015 18:55	50320	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50318	04/11/2015 18:00	07/12/2015 17:15	50847	Trip of North West Bend – Monash – Berri No.2 132 kV line and North West Bend 132/66 kV No.2 transformer	SA	Other	Event occurred
50321	04/11/2015 19:20	04/11/2015 19:40	50323	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50327	05/11/2015 12:00	05/11/2015 21:00	50346	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
50328	05/11/2015 12:55	05/11/2015 21:00	50347	Eildon – Mt Beauty No. 1 and No. 2 220kV lines	VIC	Lightning	GPATS
50330	05/11/2015 13:35	05/11/2015 20:30	50345	Rowville Yallourn No. 5 and No. 6 220kV lines	VIC	Lightning	GPATS
50333	05/11/2015 15:05	05/11/2015 18:45	50342	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50334	05/11/2015 15:10	05/11/2015 22:05	50355	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50335	05/11/2015 15:45	05/11/2015 23:50	50356	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50336	05/11/2015 16:05	05/11/2015 22:25	50354	Kemmis Moranbah tee Burton Downs 7117 132kV line and Nebo Moranbah tee Coppabella 7118 132kV line	QLD	Lightning	GPATS
50337	05/11/2015 16:05	05/11/2015 22:25	50353	Moranbah Goonyella 7369 and 7370 132kV lines	QLD	Lightning	GPATS
50343	05/11/2015 19:50	05/11/2015 22:00	50355	Chalumbin Woree 876 and 877 275kV lines	QLD	Lightning	GPATS
50344	05/11/2015 19:05	05/11/2015 22:05	50355	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
50359	06/11/2015 08:15	06/11/2015 11:05	50361	Collinsville – Mackay tee Proserpine 7125 and 7126 132kV Lines	QLD	Lightning	GPATS
50362	06/11/2015 12:10	06/11/2015 18:45	50380	Collinsville – Mackay tee Proserpine 7125 and 7126 132kV Lines	QLD	Lightning	GPATS
50365	06/11/2015 14:10	07/11/2015 00:00	50394	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50369	06/11/2015 14:40	06/11/2015 16:25	50375	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
50371	06/11/2015 15:35	06/11/2015 17:35	50378	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
50372	06/11/2015 15:35	06/11/2015 17:35	50379	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50376	06/11/2015 16:55	06/11/2015 21:05	50387	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50377	06/11/2015 16:55	06/11/2015 21:05	50388	Kemmis Moranbah tee Burton Downs 7117 132kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50381	06/11/2015 19:40	06/11/2015 20:30	50383	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
50382	06/11/2015 19:40	06/11/2015 20:30	50384	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50385	06/11/2015 20:35	06/11/2015 22:35	50392	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50386	06/11/2015 21:15	06/11/2015 22:35	50391	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
50389	06/11/2015 21:30	06/11/2015 22:15	50390	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50395	07/11/2015 00:20	07/11/2015 05:10	50399	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50396	07/11/2015 00:45	07/11/2015 05:10	50400	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50402	07/11/2015 12:40	07/11/2015 17:55	50411	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50403	07/11/2015 13:55	07/11/2015 17:55	50412	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50404	07/11/2015 13:55	07/11/2015 17:55	50413	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50406	07/11/2015 15:45	07/11/2015 16:35	50409	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50407	07/11/2015 15:45	07/11/2015 16:35	50410	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
50408	07/11/2015 16:20	08/11/2015 03:35	50421	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50414	07/11/2015 19:30	08/11/2015 04:00	50426	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50415	07/11/2015 19:30	08/11/2015 04:00	50427	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50417	07/11/2015 22:45	08/11/2015 03:35	50419	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50418	07/11/2015 22:45	08/11/2015 03:35	50420	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50428	08/11/2015 04:00	08/11/2015 05:45	50431	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50429	08/11/2015 04:00	08/11/2015 05:45	50432	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50434	08/11/2015 10:35	08/11/2015 17:45	50439	Tarong - Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50437	08/11/2015 15:50	08/11/2015 23:10	50441	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50438	08/11/2015 15:50	08/11/2015 23:10	50442	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50440	08/11/2015 18:50	09/11/2015 00:00	50443	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50450	09/11/2015 10:30	09/11/2015 17:50	50456	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50453	09/11/2015 14:45	09/11/2015 19:55	50459	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50454	09/11/2015 15:00	09/11/2015 17:50	50457	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50455	09/11/2015 15:25	09/11/2015 17:50	50458	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50464	10/11/2015 13:55	10/11/2015 15:45	50470	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
50465	10/11/2015 13:55	10/11/2015 15:45	50469	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
50471	10/11/2015 15:45	10/11/2015 16:25	50473	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50476	11/11/2015 15:00	11/11/2015 20:25	50490	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50477	11/11/2015 15:15	11/11/2015 19:05	50488	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
50478	11/11/2015 15:15	11/11/2015 19:05	50487	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
50479	11/11/2015 15:45	11/11/2015 17:30	50485	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50480	11/11/2015 15:55	11/11/2015 20:25	50489	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50491	11/11/2015 21:00	12/11/2015 06:15	50494	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50492	11/11/2015 21:55	12/11/2015 06:15	50493	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
50495	12/11/2015 08:35	13/11/2015 00:25	50509	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
50502	12/11/2015 09:00	13/11/2015 00:25	50508	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50503	12/11/2015 10:35	15/08/2016 11:00	54738	Trip of Horsham – Red Cliffs 220 kV line and Murraylink	VIC	Other	Event occurred
50504	12/11/2015 13:35	12/11/2015 17:30	50507	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
50510	13/11/2015 12:40	14/11/2015 07:40	50522	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50511	13/11/2015 12:40	14/11/2015 07:40	50521	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50512	13/11/2015 14:05	13/11/2015 15:50	50514	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50513	13/11/2015 14:05	13/11/2015 15:50	50515	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50518	14/11/2015 04:25	14/11/2015 06:00	50520	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50523	14/11/2015 11:20	14/11/2015 23:55	50540	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50524	14/11/2015 12:10	14/11/2015 17:00	50531	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50525	14/11/2015 13:25	14/11/2015 20:25	50535	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50526	14/11/2015 13:25	14/11/2015 20:25	50536	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50527	14/11/2015 13:45	14/11/2015 20:15	50533	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50528	14/11/2015 13:45	14/11/2015 20:15	50534	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50529	14/11/2015 14:20	14/11/2015 21:50	50538	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50530	14/11/2015 14:25	14/11/2015 23:55	50541	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50532	14/11/2015 19:05	14/11/2015 22:30	50539	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50542	15/11/2015 12:55	15/11/2015 23:15	50553	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50543	15/11/2015 13:15	16/11/2015 01:35	50554	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
50544	15/11/2015 13:15	16/11/2015 01:35	50555	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
50545	15/11/2015 14:10	15/11/2015 16:40	50548	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50546	15/11/2015 14:10	15/11/2015 16:40	50547	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50549	15/11/2015 16:40	15/11/2015 19:50	50550	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50551	15/11/2015 20:30	16/11/2015 02:20	50556	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50552	15/11/2015 20:30	16/11/2015 02:20	50557	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50561	16/11/2015 11:25	16/11/2015 19:40	50569	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50562	16/11/2015 13:40	16/11/2015 22:35	50571	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50563	16/11/2015 14:30	16/11/2015 22:35	50570	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50564	16/11/2015 14:30	16/11/2015 19:40	50567	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50565	16/11/2015 14:30	16/11/2015 19:40	50568	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50573	17/11/2015 11:20	17/11/2015 19:10	50586	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50574	17/11/2015 13:00	17/11/2015 19:10	50587	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
50575	17/11/2015 13:20	17/11/2015 19:10	50588	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
50577	17/11/2015 13:40	17/11/2015 18:10	50584	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50578	17/11/2015 13:55	17/11/2015 19:10	50589	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50580	17/11/2015 14:10	17/11/2015 19:10	50590	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50581	17/11/2015 15:40	17/11/2015 18:10	50585	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
50582	17/11/2015 16:40	17/11/2015 19:10	50591	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50595	19/11/2015 02:35	19/11/2015 03:20	50596	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
50636	19/11/2015 22:20	20/11/2015 03:50	50640	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
50639	20/11/2015 01:30	20/11/2015 05:30	50642	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50641	20/11/2015 04:30	20/11/2015 07:30	50644	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
50660	20/11/2015 19:00	20/11/2015 20:45	50663	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50666	22/11/2015 21:15	22/11/2015 22:25	50667	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50669	23/11/2015 16:55	23/11/2015 18:40	50672	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50670	23/11/2015 17:40	23/11/2015 18:40	50671	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50673	23/11/2015 21:00	24/11/2015 00:30	50675	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50678	24/11/2015 13:40	24/11/2015 17:25	50679	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50680	24/11/2015 20:00	24/11/2015 21:25	50681	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50682	24/11/2015 23:25	25/11/2015 00:10	50683	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50695	25/11/2015 16:00	25/11/2015 22:05	50702	Trip of Para – Robertstown and Robertstown – Tungkillio 275 kV lines	SA	Bushfires	INDJI
50700	25/11/2015 19:10	23/12/2015 16:00	51074	Trip of Clare North – Mintaro and Waterloo – Waterloo East 132 kV lines	SA	Other	Event occurred
50703	25/11/2015 23:05	25/11/2015 23:40	50706	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50704	25/11/2015 23:05	25/11/2015 23:40	50705	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
50708	26/11/2015 02:35	26/11/2015 03:35	50709	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
50723	26/11/2015 22:50	27/11/2015 01:30	50725	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50724	26/11/2015 22:45	27/11/2015 02:15	50726	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50727	27/11/2015 13:55	27/11/2015 19:30	50729	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50733	28/11/2015 14:05	28/11/2015 23:20	50736	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS

Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50734	28/11/2015 14:05	28/11/2015 23:20	50735	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50737	29/11/2015 05:50	29/11/2015 21:10	50746	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50739	29/11/2015 05:50	29/11/2015 21:10	50747	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50740	29/11/2015 13:20	29/11/2015 17:35	50743	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50741	29/11/2015 13:45	29/11/2015 18:00	50744	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50742	29/11/2015 15:35	29/11/2015 18:00	50745	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
50752	30/11/2015 12:45	30/11/2015 20:20	50760	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50754	30/11/2015 15:10	30/11/2015 20:20	50761	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50757	30/11/2015 19:35	30/11/2015 22:00	50765	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50758	30/11/2015 19:35	30/11/2015 21:30	50763	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
50759	30/11/2015 19:45	30/11/2015 21:30	50764	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50762	30/11/2015 20:40	30/11/2015 23:15	50767	Burnie Sheffield No. 2 110 kV line and Palooa Sheffield 110 kV line	TAS	Lightning	GPATS
50766	30/11/2015 22:35	30/11/2015 23:30	50768	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
50770	01/12/2015 10:20	01/12/2015 18:30	50798	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50772	01/12/2015 11:05	01/12/2015 18:30	50797	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
50778	01/12/2015 14:00	01/12/2015 21:10	50800	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50779	01/12/2015 14:00	01/12/2015 21:10	50799	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50801	01/12/2015 23:50	02/12/2015 05:50	50807	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50802	02/12/2015 00:05	02/12/2015 05:35	50806	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50804	02/12/2015 01:05	02/12/2015 09:30	50810	Trip of Roma – Columboola 7349 and 7350 132 kV lines	QLD	Other	Event occurred

Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50808	02/12/2015 08:00	02/12/2015 12:15	50812	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50809	02/12/2015 08:00	02/12/2015 12:15	50813	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50816	02/12/2015 16:45	02/12/2015 20:10	50818	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50817	02/12/2015 16:45	02/12/2015 20:10	50819	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50820	02/12/2015 21:35	03/12/2015 00:10	50821	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
50822	03/12/2015 00:45	03/12/2015 02:55	50823	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50849	08/12/2015 07:05	08/12/2015 10:15	50854	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50850	08/12/2015 07:40	08/12/2015 08:45	50853	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
50851	08/12/2015 08:10	08/12/2015 10:15	50856	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
50852	08/12/2015 08:15	08/12/2015 10:00	50855	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
50857	08/12/2015 13:05	08/12/2015 22:35	50861	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
50859	08/12/2015 14:35	08/12/2015 21:05	50860	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
50870	09/12/2015 16:30	09/12/2015 21:00	50872	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50871	09/12/2015 16:30	09/12/2015 21:00	50873	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50880	10/12/2015 12:35	11/12/2015 05:00	50891	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50894	11/12/2015 14:50	11/12/2015 18:45	50898	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50895	11/12/2015 14:50	12/12/2015 00:40	50906	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
50896	11/12/2015 16:15	11/12/2015 18:50	50900	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50897	11/12/2015 16:15	11/12/2015 18:50	50899	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50902	11/12/2015 20:00	11/12/2015 21:15	50904	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
50913	12/12/2015 14:30	12/12/2015 19:45	50917	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50915	12/12/2015 16:50	12/12/2015 19:45	50918	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
50916	12/12/2015 16:50	12/12/2015 19:45	50919	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
50921	13/12/2015 01:25	13/12/2015 02:40	50926	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
50923	13/12/2015 01:10	13/12/2015 02:40	50925	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50924	13/12/2015 01:25	13/12/2015 02:40	50927	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
50931	13/12/2015 19:55	13/12/2015 21:30	50932	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
50943	15/12/2015 12:10	15/12/2015 15:00	50946	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50945	15/12/2015 14:20	15/12/2015 17:55	50955	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50947	15/12/2015 15:10	15/12/2015 17:55	50954	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50950	15/12/2015 16:15	15/12/2015 17:55	50953	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
50952	15/12/2015 17:10	15/12/2015 19:30	50959	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
50956	15/12/2015 18:15	15/12/2015 19:35	50958	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
50967	16/12/2015 14:40	16/12/2015 22:10	50983	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
50968	16/12/2015 14:40	16/12/2015 22:10	50982	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
50991	17/12/2015 15:30	17/12/2015 17:40	51007	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
50992	17/12/2015 15:55	17/12/2015 17:40	51008	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51022	19/12/2015 16:05	19/12/2015 20:45	51028	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51024	19/12/2015 18:25	20/12/2015 12:45	51038	Trip of Moorabool – Ballarat and Moorabool – Ballarat – Elaine 220 kV lines	VIC	Bushfires	INDJI
51033	20/12/2015 10:40	20/12/2015 11:10	51034	Trip of Eraring – Kemps Creek 5A1 and 5A2 500 kV lines	NSW	Bushfires	INDJI
51035	20/12/2015 11:40	20/12/2015 20:00	51054	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51036	20/12/2015 11:55	20/12/2015 20:00	51055	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51037	20/12/2015 12:25	20/12/2015 15:40	51050	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51039	20/12/2015 13:00	20/12/2015 14:50	51047	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
51048	20/12/2015 15:00	20/12/2015 15:45	51051	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51073	23/12/2015 15:00	23/12/2015 19:35	51078	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51075	23/12/2015 17:45	23/12/2015 19:35	51077	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51079	23/12/2015 19:50	23/12/2015 23:50	51082	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51080	23/12/2015 20:20	23/12/2015 23:50	51081	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51087	24/12/2015 19:40	24/12/2015 22:20	51089	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51088	24/12/2015 21:10	24/12/2015 22:20	51090	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51096	25/12/2015 14:50	25/12/2015 16:40	51097	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51103	26/12/2015 13:30	26/12/2015 17:05	51106	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51108	27/12/2015 11:10	27/12/2015 12:00	51109	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51111	27/12/2015 14:00	05/01/2016 09:00	51210	Trip of Ballarat – Moorabool and Moorabool – Terang 220 kV lines	VIC	Other	TNSP
51112	27/12/2015 13:55	27/12/2015 22:05	51120	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51114	27/12/2015 16:40	27/12/2015 23:30	51124	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51115	27/12/2015 16:40	27/12/2015 23:30	51124	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51116	27/12/2015 18:15	27/12/2015 22:05	51119	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51117	27/12/2015 18:35	27/12/2015 22:20	51122	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51118	27/12/2015 19:30	27/12/2015 22:20	51121	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51128	28/12/2015 16:45	28/12/2015 17:50	51129	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51131	29/12/2015 00:45	29/12/2015 01:50	51132	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51138	29/12/2015 15:00	29/12/2015 17:30	51140	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51139	29/12/2015 15:00	29/12/2015 17:30	51141	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51144	29/12/2015 21:15	29/12/2015 22:10	51147	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51145	29/12/2015 21:15	29/12/2015 22:10	51148	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51146	29/12/2015 21:15	29/12/2015 22:10	51149	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51174	01/01/2016 14:10	01/01/2016 19:55	51179	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51175	01/01/2016 14:40	01/01/2016 20:35	51182	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51176	01/01/2016 15:35	01/01/2016 20:35	51180	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51177	01/01/2016 16:55	01/01/2016 19:55	51178	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51184	02/01/2016 12:40	02/01/2016 21:15	51186	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51185	02/01/2016 14:45	02/01/2016 21:15	51187	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51188	03/01/2016 12:05	03/01/2016 16:10	51190	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51189	03/01/2016 12:05	03/01/2016 20:00	51194	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51191	03/01/2016 17:30	03/01/2016 19:45	51193	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51192	03/01/2016 19:00	03/01/2016 20:30	51195	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51196	03/01/2016 20:30	03/01/2016 23:40	51198	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51197	03/01/2016 20:50	03/01/2016 23:40	51199	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51200	04/01/2016 01:10	04/01/2016 04:30	51201	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS

Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51206	04/01/2016 12:40	04/01/2016 17:45	51207	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51208	05/01/2016 04:50	05/01/2016 05:30	51209	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51211	05/01/2016 09:50	11/04/2016 16:10	52772	Trip of Moorabool – Geelong No.2 220 kV line and Moorabool – Terang 220 kV line	VIC	Other	TNSP
51214	05/01/2016 13:50	05/01/2016 15:35	51218	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51219	05/01/2016 16:05	05/01/2016 21:00	51223	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51222	05/01/2016 19:30	05/01/2016 21:00	51224	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51225	06/01/2016 12:50	06/01/2016 18:05	51232	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51226	06/01/2016 12:50	06/01/2016 18:05	51233	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
51227	06/01/2016 13:20	06/01/2016 20:00	51235	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51228	06/01/2016 13:20	06/01/2016 20:00	51236	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51239	08/01/2016 15:30	08/01/2016 17:30	51242	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51240	08/01/2016 15:30	08/01/2016 17:30	51241	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51244	08/01/2016 19:45	08/01/2016 21:00	51246	Trip of Chapel St – Liapootah – Repulse No.1 220 kV line at Chapel St end only	TAS	Other	Event occurred
51247	09/01/2016 10:40	09/01/2016 12:00	51248	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51249	09/01/2016 13:20	09/01/2016 19:40	51263	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51250	09/01/2016 13:30	09/01/2016 19:40	51264	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51251	09/01/2016 14:25	09/01/2016 23:20	51268	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51252	09/01/2016 15:15	09/01/2016 19:40	51267	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51253	09/01/2016 15:15	09/01/2016 19:40	51265	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51254	09/01/2016 15:30	09/01/2016 19:40	51266	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51269	10/01/2016 13:20	10/01/2016 18:55	51273	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS

Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51270	10/01/2016 13:25	10/01/2016 18:55	51272	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51271	10/01/2016 13:25	10/01/2016 18:55	51274	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51276	10/01/2016 20:35	10/01/2016 21:40	51278	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51277	10/01/2016 20:35	10/01/2016 21:40	51279	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51296	12/01/2016 12:55	12/01/2016 19:05	51301	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51297	12/01/2016 12:55	12/01/2016 19:05	51302	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
51316	13/01/2016 15:10	13/01/2016 15:50	51323	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51319	13/01/2016 15:10	13/01/2016 17:45	51330	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51328	13/01/2016 16:40	13/01/2016 18:05	51331	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51329	13/01/2016 16:05	13/01/2016 18:05	51332	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
51334	13/01/2016 18:25	13/01/2016 19:05	51337	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51335	13/01/2016 18:30	13/01/2016 21:25	51346	Burnie Sheffield No. 2 110 kV line and Paloona Sheffield 110 kV line	TAS	Lightning	GPATS
51336	13/01/2016 18:45	13/01/2016 21:25	51347	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
51338	13/01/2016 19:25	13/01/2016 21:35	51345	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51339	13/01/2016 19:40	13/01/2016 22:05	51348	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51340	13/01/2016 19:40	13/01/2016 22:35	51351	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51341	13/01/2016 20:15	13/01/2016 21:30	51344	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51342	13/01/2016 20:45	13/01/2016 22:00	51349	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
51343	13/01/2016 21:00	13/01/2016 22:10	51350	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51352	13/01/2016 23:15	13/01/2016 23:50	51353	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51376	14/01/2016 14:55	14/01/2016 16:00	51377	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51382	15/01/2016 21:10	15/01/2016 22:00	51383	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51409	19/01/2016 10:50	19/01/2016 11:10	51410	Trip of Gordon – Chapel St No.1 and No.2 220 kV lines	TAS	Bushfires	INDJI
51420	20/01/2016 11:00	20/01/2016 14:05	51422	Trip of Gordon – Chapel St No.1 and No.2 220 kV lines	TAS	Bushfires	INDJI
51423	20/01/2016 15:20	20/01/2016 19:30	51424	Trip of Gordon – Chapel St No.1 and No.2 220 kV lines	TAS	Bushfires	INDJI
51432	21/01/2016 11:45	21/01/2016 12:35	51433	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	INDJI
51434	21/01/2016 13:00	21/01/2016 14:05	51438	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51435	21/01/2016 13:15	21/01/2016 14:05	51439	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51443	22/01/2016 09:45	22/01/2016 11:05	51446	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51444	22/01/2016 10:05	22/01/2016 11:05	51445	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51450	23/01/2016 12:20	23/01/2016 16:40	51454	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
51451	23/01/2016 12:20	23/01/2016 16:40	51455	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51452	23/01/2016 14:10	23/01/2016 23:35	51456	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51453	23/01/2016 14:40	23/01/2016 23:35	51457	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51459	24/01/2016 01:00	04/04/2016 13:25	52665	Trip of Bell Bay Three unit 2 and unit 3	TAS	Other	Event occurred
51460	24/01/2016 14:00	25/01/2016 02:55	51464	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51461	24/01/2016 14:00	25/01/2016 02:55	51465	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51462	24/01/2016 16:25	25/01/2016 02:55	51466	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51468	25/01/2016 12:40	25/01/2016 21:15	51488	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51469	25/01/2016 13:35	25/01/2016 20:45	51483	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51470	25/01/2016 14:20	25/01/2016 19:00	51477	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51471	25/01/2016 14:20	25/01/2016 19:00	51476	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51472	25/01/2016 14:40	25/01/2016 20:45	51485	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51473	25/01/2016 14:40	25/01/2016 20:45	51484	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51475	25/01/2016 16:35	25/01/2016 21:15	51489	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51479	25/01/2016 19:20	25/01/2016 20:35	51482	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51480	25/01/2016 19:20	25/01/2016 20:35	51481	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51486	25/01/2016 21:20	26/01/2016 05:10	51499	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51487	25/01/2016 21:20	26/01/2016 05:10	51497	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51490	25/01/2016 22:45	26/01/2016 14:00	51504	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51491	25/01/2016 22:45	26/01/2016 14:00	51505	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
51492	26/01/2016 00:05	26/01/2016 10:55	51502	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51493	26/01/2016 00:40	26/01/2016 08:45	51501	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51494	26/01/2016 02:05	26/01/2016 10:55	51502	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51495	26/01/2016 05:10	26/01/2016 07:20	51499	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51496	26/01/2016 05:10	26/01/2016 07:20	51500	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51506	26/01/2016 14:05	26/01/2016 16:10	51508	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51507	26/01/2016 14:45	26/01/2016 16:10	51509	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51510	26/01/2016 19:50	27/01/2016 05:20	51524	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51511	26/01/2016 19:50	27/01/2016 05:20	51525	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51512	26/01/2016 20:40	26/01/2016 23:30	51518	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51513	26/01/2016 21:05	26/01/2016 23:30	51517	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51514	26/01/2016 21:10	27/01/2016 01:10	51521	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51515	26/01/2016 22:05	27/01/2016 01:10	51522	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51516	26/01/2016 22:55	27/01/2016 05:20	51526	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51519	26/01/2016 23:45	27/01/2016 10:00	51530	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51520	27/01/2016 00:05	27/01/2016 10:00	51529	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51523	27/01/2016 02:40	27/01/2016 07:15	51527	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51531	27/01/2016 14:00	27/01/2016 20:20	51537	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51532	27/01/2016 14:00	27/01/2016 20:20	51538	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51533	27/01/2016 14:55	27/01/2016 20:20	51539	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51534	27/01/2016 15:55	27/01/2016 22:15	51542	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51540	27/01/2016 21:00	28/01/2016 00:35	51544	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51541	27/01/2016 21:00	28/01/2016 00:35	51543	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51545	28/01/2016 09:05	28/01/2016 14:05	51561	Burnie Sheffield No. 2 110 kV line and Palooa Sheffield 110 kV line	TAS	Lightning	GPATS
51546	28/01/2016 09:15	28/01/2016 13:15	51558	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51547	28/01/2016 10:15	28/01/2016 14:35	51563	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51548	28/01/2016 10:35	28/01/2016 13:55	51560	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
51551	28/01/2016 11:50	28/01/2016 20:30	51576	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
51552	28/01/2016 12:00	28/01/2016 22:25	51591	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51553	28/01/2016 12:25	28/01/2016 14:15	51562	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51554	28/01/2016 12:35	28/01/2016 20:30	51577	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51555	28/01/2016 12:25	28/01/2016 20:50	51579	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51556	28/01/2016 12:25	28/01/2016 20:50	51580	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51557	28/01/2016 12:25	28/01/2016 20:50	51581	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51559	28/01/2016 13:50	28/01/2016 16:20	51566	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51564	28/01/2016 15:05	28/01/2016 18:50	51575	Burnie Sheffield No. 2 110 kV line and Paloona Sheffield 110 kV line	TAS	Lightning	GPATS
51565	28/01/2016 15:40	28/01/2016 21:30	51583	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51567	28/01/2016 16:35	28/01/2016 22:25	51589	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51568	28/01/2016 16:35	28/01/2016 22:25	51587	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51569	28/01/2016 17:10	28/01/2016 22:05	51585	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51570	28/01/2016 17:35	28/01/2016 22:05	51584	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51571	28/01/2016 17:35	28/01/2016 21:30	51582	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51572	28/01/2016 17:55	28/01/2016 18:50	51574	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51573	28/01/2016 18:05	28/01/2016 20:30	51578	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51586	28/01/2016 22:05	28/01/2016 23:50	51592	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51593	29/01/2016 00:55	29/01/2016 05:55	51598	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
51595	29/01/2016 02:10	29/01/2016 03:50	51597	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51596	29/01/2016 02:55	22/07/2016 12:40	54593	Trip of Barron Gorge – Kamerunga 7143 and 7184 132 kV lines	QLD	Other	Event occurred
51599	29/01/2016 07:35	29/01/2016 19:30	51629	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
51601	29/01/2016 09:10	29/01/2016 19:30	51630	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51602	29/01/2016 09:15	29/01/2016 19:15	51628	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51603	29/01/2016 10:05	29/01/2016 15:00	51614	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51604	29/01/2016 12:20	29/01/2016 20:10	51633	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51605	29/01/2016 12:20	29/01/2016 20:10	51634	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51606	29/01/2016 12:20	29/01/2016 20:10	51635	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51607	29/01/2016 12:30	29/01/2016 17:00	51620	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51608	29/01/2016 12:30	29/01/2016 17:00	51619	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51609	29/01/2016 13:40	29/01/2016 19:30	51631	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51610	29/01/2016 14:15	29/01/2016 19:30	51632	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51611	29/01/2016 14:20	29/01/2016 19:10	51627	Burnie Sheffield No. 2 110 kV line and Paloona Sheffield 110 kV line	TAS	Lightning	GPATS
51612	29/01/2016 14:45	29/01/2016 18:20	51624	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51613	29/01/2016 14:45	29/01/2016 18:20	51623	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
51615	29/01/2016 15:15	29/01/2016 19:00	51626	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
51617	29/01/2016 16:00	29/01/2016 19:00	51625	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
51622	29/01/2016 17:35	30/01/2016 01:05	51636	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51637	30/01/2016 02:00	30/01/2016 05:35	51645	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51638	30/01/2016 02:00	30/01/2016 05:35	51646	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51640	30/01/2016 01:55	12/02/2016 11:30	51905	Trip of Hummocks – Waterloo 132 kV transmission line at the Waterloo end only	SA	Other	Event occurred
51655	30/01/2016 12:10	30/01/2016 18:40	51674	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51656	30/01/2016 12:10	30/01/2016 20:00	51678	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51657	30/01/2016 12:10	30/01/2016 20:00	51677	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS

Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51658	30/01/2016 13:45	30/01/2016 18:20	51671	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51660	30/01/2016 15:05	30/01/2016 17:00	51667	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
51661	30/01/2016 15:05	30/01/2016 17:00	51668	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51662	30/01/2016 16:15	30/01/2016 18:20	51672	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51663	30/01/2016 16:30	31/01/2016 02:10	51687	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51664	30/01/2016 16:35	30/01/2016 18:40	51676	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51665	30/01/2016 16:35	30/01/2016 18:40	51675	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51666	30/01/2016 16:35	30/01/2016 18:20	51673	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51669	30/01/2016 17:40	30/01/2016 23:20	51684	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51670	30/01/2016 17:05	30/01/2016 22:35	51679	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51690	31/01/2016 09:15	31/01/2016 10:15	51691	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51692	31/01/2016 11:35	31/01/2016 19:35	51708	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51693	31/01/2016 12:00	31/01/2016 16:35	51701	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
51694	31/01/2016 12:00	31/01/2016 17:20	51702	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
51696	31/01/2016 13:15	31/01/2016 17:20	51703	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51697	31/01/2016 13:15	31/01/2016 18:05	51706	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51698	31/01/2016 13:45	31/01/2016 19:35	51709	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51699	31/01/2016 13:45	31/01/2016 19:35	51710	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51700	31/01/2016 15:15	31/01/2016 18:05	51707	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51704	31/01/2016 17:30	31/01/2016 21:40	51711	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51705	31/01/2016 17:30	31/01/2016 21:40	51712	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51713	31/01/2016 22:30	31/01/2016 23:30	51714	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51715	01/02/2016 03:10	01/02/2016 03:45	51716	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51723	01/02/2016 11:35	01/02/2016 14:45	51725	Trip of multiple generating units at Liddell power station	NSW	Other	Generator
51724	01/02/2016 12:55	01/02/2016 17:35	51729	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	QLD	Lightning	GPATS
51726	01/02/2016 15:35	01/02/2016 21:40	51730	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51727	01/02/2016 15:50	01/02/2016 21:40	51731	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51728	01/02/2016 17:15	01/02/2016 21:40	51732	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51736	02/02/2016 14:15	02/02/2016 17:00	51745	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51737	02/02/2016 14:15	02/02/2016 18:05	51748	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51738	02/02/2016 14:40	02/02/2016 21:05	51753	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51739	02/02/2016 14:40	02/02/2016 21:05	51752	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51740	02/02/2016 15:00	02/02/2016 16:50	51744	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51741	02/02/2016 15:20	02/02/2016 21:05	51754	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51742	02/02/2016 15:40	02/02/2016 17:55	51746	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51743	02/02/2016 15:40	02/02/2016 17:55	51747	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51750	02/02/2016 20:40	03/02/2016 00:10	51755	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51751	02/02/2016 20:40	03/02/2016 00:10	51756	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51763	03/02/2016 02:20	03/02/2016 04:40	51764	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51766	03/02/2016 11:25	03/02/2016 17:55	51774	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51767	03/02/2016 11:25	03/02/2016 17:55	51775	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51768	03/02/2016 11:25	03/02/2016 17:55	51776	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51769	03/02/2016 12:20	03/02/2016 19:30	51780	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51770	03/02/2016 12:55	03/02/2016 19:30	51779	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51771	03/02/2016 12:55	03/02/2016 19:30	51781	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51777	03/02/2016 18:15	03/02/2016 23:05	51789	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51778	03/02/2016 18:15	03/02/2016 23:05	51790	Chinchilla – Columboola No. 7349 and No. 7350 132 kV lines	QLD	Lightning	GPATS
51787	03/02/2016 20:30	03/02/2016 23:05	51791	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51793	04/02/2016 02:00	04/02/2016 09:10	51795	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51796	04/02/2016 15:00	04/02/2016 21:40	51805	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51797	04/02/2016 15:00	04/02/2016 21:40	51806	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51798	04/02/2016 15:00	04/02/2016 21:40	51807	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51800	04/02/2016 17:05	04/02/2016 19:55	51804	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51801	04/02/2016 18:00	05/02/2016 02:30	51810	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51802	04/02/2016 19:20	05/02/2016 01:00	51808	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51803	04/02/2016 19:20	05/02/2016 01:00	51809	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51814	05/02/2016 12:45	06/02/2016 02:25	51824	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51815	05/02/2016 13:25	06/02/2016 04:10	51830	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51816	05/02/2016 16:05	06/02/2016 02:25	51825	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51817	05/02/2016 16:05	06/02/2016 02:25	51826	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51818	05/02/2016 16:25	06/02/2016 02:25	51827	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51819	05/02/2016 16:25	06/02/2016 02:25	51828	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51821	05/02/2016 17:30	05/02/2016 17:40	58122	Trip of Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	Event occurred
51822	05/02/2016 17:40	06/02/2016 04:10	51829	Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	GPATS
51831	06/02/2016 12:40	06/02/2016 21:25	51845	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51832	06/02/2016 14:05	06/02/2016 23:50	51848	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
51833	06/02/2016 15:00	06/02/2016 23:50	51847	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51834	06/02/2016 15:35	06/02/2016 17:30	51841	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51835	06/02/2016 15:35	06/02/2016 17:30	51842	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51836	06/02/2016 15:35	06/02/2016 23:50	51846	Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	GPATS
51844	06/02/2016 20:00	06/02/2016 23:50	51849	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
51850	07/02/2016 00:55	07/02/2016 05:20	51851	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51852	07/02/2016 13:05	07/02/2016 21:00	51863	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
51853	07/02/2016 13:40	07/02/2016 18:45	51858	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51854	07/02/2016 15:20	07/02/2016 21:00	51862	Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	GPATS
51855	07/02/2016 15:55	07/02/2016 19:55	51860	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51856	07/02/2016 15:55	07/02/2016 19:25	51859	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51857	07/02/2016 18:35	07/02/2016 20:00	51861	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
51865	08/02/2016 12:30	09/02/2016 01:20	51882	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51866	08/02/2016 13:05	08/02/2016 22:00	51880	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51867	08/02/2016 13:05	08/02/2016 22:00	51881	Chalumbin – Turkinjie 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
51899	09/02/2016 16:20	17/02/2016 11:00	51931	Trip of Gordon – Chapel St No.2 220 kV line, Liapootah – Wayatinah 220 kV line and Wayatinah – Catagunya 220 kV line	TAS	Other	Event occurred
51907	13/02/2016 15:20	13/02/2016 20:45	51909	Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV lines	QLD	Lightning	GPATS
51924	16/02/2016 16:00	16/02/2016 19:00	51926	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
51925	16/02/2016 16:00	16/02/2016 19:00	51927	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51933	17/02/2016 15:00	17/02/2016 21:35	51942	Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV Lines	QLD	Lightning	GPATS
51935	17/02/2016 16:50	17/02/2016 20:40	51941	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
51936	17/02/2016 17:35	17/02/2016 19:55	51939	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
51937	17/02/2016 17:35	17/02/2016 19:55	51940	Chalumbin – Turkinje No.7165 and No.7166 132 kV Lines	QLD	Lightning	GPATS
51938	17/02/2016 19:55	17/02/2016 22:40	51943	Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	GPATS
51945	18/02/2016 03:40	18/02/2016 05:10	51946	Bouldercombe – Rockhampton No.7108 and the Bouldercombe – Egans Hill No.7221 132 kV Lines	QLD	Lightning	GPATS
51949	18/02/2016 14:40	18/02/2016 18:35	51975	Collinsville North – Mackay tee Proserpine No.7125 and No.7126 132 kV Lines	QLD	Lightning	GPATS
51958	18/02/2016 16:50	18/02/2016 19:20	51981	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51982	18/02/2016 17:20	18/02/2016 21:30	51986	Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV Lines	QLD	Lightning	GPATS
51987	18/02/2016 22:05	18/02/2016 23:35	51988	Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV Lines	QLD	Lightning	GPATS
51991	19/02/2016 13:50	19/02/2016 19:25	52016	Collinsville North – Mackay tee Proserpine No.7125 and No.7126 132 kV Lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
51992	19/02/2016 15:40	19/02/2016 20:35	52017	Chinchilla – Columboola 7349 and 7350 132 kV lines	QLD	Lightning	GPATS
51993	19/02/2016 15:55	19/02/2016 19:00	52013	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
51994	19/02/2016 15:55	19/02/2016 19:00	52012	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
51995	19/02/2016 16:10	19/02/2016 23:45	52018	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
51996	19/02/2016 16:55	19/02/2016 18:35	52009	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52021	20/02/2016 15:55	20/02/2016 17:30	52026	Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	GPATS
52022	20/02/2016 15:55	20/02/2016 17:30	52027	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52023	20/02/2016 15:55	20/02/2016 17:30	52028	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52024	20/02/2016 15:55	20/02/2016 17:30	52029	Chalumbin – Turkinje 7165 and 7166 132 kV Lines	QLD	Lightning	GPATS
52025	20/02/2016 16:10	20/02/2016 18:25	52030	Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV Lines	QLD	Lightning	GPATS
52042	22/02/2016 19:55	22/02/2016 21:35	52043	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52050	23/02/2016 16:05	23/02/2016 21:00	52054	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52051	23/02/2016 16:15	23/02/2016 16:55	52052	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
52067	28/02/2016 17:20	28/02/2016 19:20	52070	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52068	28/02/2016 17:20	28/02/2016 19:20	52071	Chalumbin – Turkinje No.7165 and No.7166 132 kV Lines	QLD	Lightning	GPATS
52069	28/02/2016 18:20	28/02/2016 19:20	52072	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52073	28/02/2016 20:30	28/02/2016 23:50	52091	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
52074	28/02/2016 20:30	28/02/2016 23:50	52092	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
52075	28/02/2016 21:50	28/02/2016 23:30	52090	Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	GPATS
52093	28/02/2016 23:50	29/02/2016 01:55	52094	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52105	29/02/2016 14:45	01/03/2016 00:20	52108	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
52106	29/02/2016 14:45	01/03/2016 00:20	52109	Chalumbin – Turkinje No.7165 and No.7166 132 kV Lines	QLD	Lightning	GPATS
52107	29/02/2016 15:25	01/03/2016 06:40	52119	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52114	01/03/2016 05:00	01/03/2016 06:40	52118	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52115	01/03/2016 05:00	01/03/2016 06:40	52117	Chalumbin – Turkinje No.7165 and No.7166 132 kV Lines	QLD	Lightning	GPATS
52127	01/03/2016 20:00	01/03/2016 21:05	52129	Chalumbin – Turkinje No.7165 and No.7166 132 kV Lines	QLD	Lightning	GPATS
52128	01/03/2016 20:00	01/03/2016 21:05	52130	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52131	02/03/2016 01:45	02/03/2016 03:15	52132	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52138	02/03/2016 13:05	02/03/2016 18:55	52146	Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV Lines	QLD	Lightning	GPATS
52140	02/03/2016 14:05	02/03/2016 18:55	52145	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52142	02/03/2016 14:50	03/03/2016 02:30	52157	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52144	02/03/2016 17:00	03/03/2016 01:45	52156	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52155	03/03/2016 01:05	03/03/2016 02:30	52158	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
52159	03/03/2016 04:00	03/03/2016 06:30	52163	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
52162	03/03/2016 06:25	03/03/2016 18:15	52186	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52166	03/03/2016 11:25	03/03/2016 20:15	52190	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52167	03/03/2016 11:25	03/03/2016 20:15	52189	Chalumbin – Turkinje 7165 and 7166 132 kV lines	QLD	Lightning	GPATS
52172	03/03/2016 13:10	03/03/2016 20:15	52191	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52183	03/03/2016 16:50	03/03/2016 18:15	52188	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
52184	03/03/2016 16:50	03/03/2016 18:15	52187	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
52185	03/03/2016 18:00	03/03/2016 21:40	52200	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
52203	03/03/2016 23:40	04/03/2016 03:30	52206	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
52209	04/03/2016 05:05	04/03/2016 07:15	52210	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52215	04/03/2016 15:55	04/03/2016 20:30	52216	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
52221	05/03/2016 18:20	05/03/2016 20:15	52223	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
52224	06/03/2016 13:25	06/03/2016 14:00	52225	Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV Lines	QLD	Lightning	GPATS
52226	06/03/2016 14:00	06/03/2016 22:00	52230	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52227	06/03/2016 14:15	06/03/2016 22:00	52231	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52228	06/03/2016 14:15	06/03/2016 22:00	52232	Chalumbin – Turkinje 7165 and 7166 132 kV Lines	QLD	Lightning	GPATS
52229	06/03/2016 16:00	06/03/2016 22:00	52233	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52234	07/03/2016 01:10	07/03/2016 03:00	52235	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52240	07/03/2016 14:40	07/03/2016 21:30	52243	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52241	07/03/2016 14:40	07/03/2016 21:30	52244	Chalumbin – Turkinje 7165 and 7166 132 kV Lines	QLD	Lightning	GPATS
52242	07/03/2016 17:25	07/03/2016 21:30	52245	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52246	07/03/2016 21:40	07/03/2016 23:00	52247	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
52251	08/03/2016 15:10	08/03/2016 21:30	52281	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52252	08/03/2016 15:10	08/03/2016 21:30	52282	Chalumbin – Turkinje 7165 and 7166 132 kV Lines	QLD	Lightning	GPATS
52253	08/03/2016 15:25	08/03/2016 21:30	52283	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52284	08/03/2016 22:15	08/03/2016 23:50	52285	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
52286	09/03/2016 00:40	09/03/2016 02:15	52292	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
52287	09/03/2016 00:50	09/03/2016 05:30	52300	Chapel St – Liapootah No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
52288	09/03/2016 00:50	09/03/2016 03:05	52294	Norwood–Scottsdale–Derby 110 kV Line and Norwood–Scottsdale 110 kV Line	TAS	Lightning	GPATS
52290	09/03/2016 02:10	09/03/2016 03:55	52296	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
52291	09/03/2016 02:10	09/03/2016 03:55	52297	Farrell – John Butters 220 kV line & Farrell – Rosebery Tee Queenstown – Newton 110 kV line	TAS	Lightning	GPATS
52293	09/03/2016 02:35	09/03/2016 04:45	52299	Farrell – Sheffield No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
52295	09/03/2016 03:25	09/03/2016 04:20	52298	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
52301	09/03/2016 06:35	09/03/2016 07:55	52303	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
52302	09/03/2016 06:45	09/03/2016 09:55	52304	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52309	09/03/2016 18:10	09/03/2016 22:10	52314	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
52316	09/03/2016 20:35	10/03/2016 06:30	52317	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52320	10/03/2016 15:55	10/03/2016 17:50	52324	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52321	10/03/2016 15:55	10/03/2016 17:50	52325	Chalumbin – Turkinje 7165 and 7166 132 kV Lines	QLD	Lightning	GPATS
52323	10/03/2016 18:00	10/03/2016 22:25	52328	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
52326	10/03/2016 18:35	10/03/2016 20:40	52327	Glenrowan – Dederang No. 1 and No. 3 220 kV lines	VIC	Lightning	GPATS
52329	11/03/2016 00:30	11/03/2016 01:25	52330	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
52334	12/03/2016 03:40	12/03/2016 05:00	52336	Dederang–Glenrowan No.1 and No.3 220 kV lines	VIC	Lightning	GPATS
52335	12/03/2016 03:40	12/03/2016 05:00	52337	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	VIC	Lightning	GPATS
52338	12/03/2016 05:45	12/03/2016 09:00	52339	Dederang–Glenrowan No.1 and No.3 220 kV lines	VIC	Lightning	GPATS
52341	12/03/2016 14:40	12/03/2016 16:30	52343	Dederang–Glenrowan No.1 and No.3 220 kV lines	VIC	Lightning	GPATS
52342	12/03/2016 14:40	12/03/2016 16:30	52344	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
52389	16/03/2016 19:40	16/03/2016 23:55	52391	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52390	16/03/2016 19:40	16/03/2016 23:55	52392	Chinchilla – Columboola 7349 and 7350 132 kV lines	QLD	Lightning	GPATS
52412	18/03/2016 02:00	18/03/2016 06:25	52418	Rowville Yallourn No. 5 and No. 6 220 kV lines	VIC	Lightning	GPATS
52413	18/03/2016 02:10	18/03/2016 04:35	52416	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
52414	18/03/2016 02:45	18/03/2016 06:25	52419	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
52415	18/03/2016 03:40	18/03/2016 06:25	52417	Dederang–Glenrowan No.1 and No.3 220 kV lines	VIC	Lightning	GPATS
52420	18/03/2016 08:05	18/03/2016 10:30	52423	Eildon – Mt Beauty No. 1 and No. 2 220 kV lines	VIC	Lightning	GPATS
52421	18/03/2016 08:25	18/03/2016 10:30	52424	Dederang–Glenrowan No.1 and No.3 220 kV lines	VIC	Lightning	GPATS
52425	18/03/2016 16:10	18/03/2016 19:30	52433	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52426	18/03/2016 16:10	18/03/2016 19:30	52434	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52435	18/03/2016 19:35	18/03/2016 23:35	52441	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52436	18/03/2016 19:35	18/03/2016 23:35	52442	Chinchilla – Columboola 7349 and 7350 132 kV Lines	QLD	Lightning	GPATS
52437	18/03/2016 21:35	18/03/2016 23:20	52439	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52438	18/03/2016 21:35	18/03/2016 23:20	52440	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52447	19/03/2016 14:25	19/03/2016 15:40	52448	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52450	19/03/2016 19:55	19/03/2016 22:20	52451	Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV Lines	QLD	Lightning	GPATS
52453	20/03/2016 16:20	20/03/2016 18:10	52458	Tarong – Chinchilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52454	20/03/2016 16:25	20/03/2016 18:50	52459	Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	GPATS
52455	20/03/2016 17:20	20/03/2016 18:50	52460	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52456	20/03/2016 17:50	20/03/2016 21:50	52466	Chalumbin Woree 876 and 877 275 kV lines	QLD	Lightning	GPATS
52457	20/03/2016 17:50	20/03/2016 21:50	52467	Chalumbin – Turkinje 7165 and 7166 132 kV Lines	QLD	Lightning	GPATS
52461	20/03/2016 20:20	20/03/2016 23:00	52470	Moranbah Goonyella 7369 and 7370 132 kV lines	QLD	Lightning	GPATS
52462	20/03/2016 20:20	20/03/2016 23:00	52469	Kemmis Moranbah tee Burton Downs 7117 132 kV line and Nebo Moranbah tee Coppabella 7118 132 kV line	QLD	Lightning	GPATS
52463	20/03/2016 20:20	20/03/2016 23:00	52471	Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	GPATS
52464	20/03/2016 20:20	20/03/2016 21:50	52465	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS

Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
52468	20/03/2016 22:40	20/03/2016 23:40	52472	Ross to Chalumbin 857 & 858 275 kV Transmission Lines	QLD	Lightning	GPATS
52475	21/03/2016 15:10	21/03/2016 19:20	52476	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52477	21/03/2016 20:25	22/03/2016 03:05	52488	Chinchilla – Columboola 7349 and 7350 132 kV Lines	QLD	Lightning	GPATS
52478	21/03/2016 20:25	22/03/2016 03:05	52487	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52495	22/03/2016 14:00	22/03/2016 20:25	52501	Chinchilla – Columboola 7349 and 7350 132 kV lines	QLD	Lightning	GPATS
52496	22/03/2016 14:00	22/03/2016 20:25	52500	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52577	26/03/2016 12:35	26/03/2016 15:05	52579	Chinchilla – Columboola 7349 and 7350 132 kV Lines	QLD	Lightning	GPATS
52578	26/03/2016 13:10	26/03/2016 20:15	52592	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52580	26/03/2016 18:45	26/03/2016 20:15	52591	Chinchilla – Columboola 7349 and 7350 132 kV lines	QLD	Lightning	GPATS
52609	28/03/2016 23:00	28/03/2016 23:30	52610	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52614	29/03/2016 19:25	29/03/2016 21:00	52616	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52615	29/03/2016 19:25	29/03/2016 21:00	52617	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52657	02/04/2016 15:05	02/04/2016 15:40	52658	Farrell Reece No. 1 and No. 2 220 kV lines	TAS	Lightning	GPATS
52710	08/04/2016 20:00	09/04/2016 00:30	52713	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52711	08/04/2016 20:00	09/04/2016 00:30	52712	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52714	09/04/2016 05:00	09/04/2016 08:55	52717	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52715	09/04/2016 05:00	09/04/2016 08:55	52716	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52718	09/04/2016 16:00	09/04/2016 21:00	52720	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52719	09/04/2016 16:00	09/04/2016 21:00	52721	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52744	10/04/2016 13:25	10/04/2016 16:35	52747	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS



Start MN	Start Date	Actual End Date	End MN	Reclassified Equipment	Region	Reason	Source
52745	10/04/2016 13:25	10/04/2016 16:35	52746	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52749	10/04/2016 19:05	10/04/2016 22:10	52752	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52750	10/04/2016 19:05	10/04/2016 22:10	52753	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52766	11/04/2016 11:55	11/04/2016 17:55	52775	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52768	11/04/2016 12:15	11/04/2016 17:55	52776	Chinchilla – Columboola 7349 and 7350 132 kV Lines	QLD	Lightning	GPATS
52770	11/04/2016 13:35	11/04/2016 15:55	52773	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52771	11/04/2016 13:35	11/04/2016 15:55	52774	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52783	12/04/2016 02:10	12/04/2016 03:20	52785	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52784	12/04/2016 02:10	12/04/2016 03:20	52786	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52791	12/04/2016 14:05	12/04/2016 19:00	52794	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52793	12/04/2016 15:15	12/04/2016 19:00	52796	Chinchilla – Columboola 7349 and 7350 132 kV Lines	QLD	Lightning	GPATS
52809	14/04/2016 11:35	14/04/2016 17:10	52812	Collinsville – Mackay tee Proserpine 7125 and 7126 132 kV Lines	QLD	Lightning	GPATS
52811	14/04/2016 15:45	03/06/2016 16:44	53600	Jeeralang B2 and Jeeralang No. 1 220 kV bus	VIC	Other	Event occurred
52826	18/04/2016 21:00	18/04/2016 23:00	52828	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52827	18/04/2016 21:00	18/04/2016 23:00	52829	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52847	22/04/2016 20:05	23/04/2016 02:00	52849	Coffs Harbour to Raleigh (9W3) and Boambee South to Nambucca (9W7) 132 kV lines	NSW	Lightning	GPATS
52848	22/04/2016 20:05	23/04/2016 02:00	52850	Coffs Harbour to Raleigh (9W3) and Coffs Harbour to Boambee Sth (9W8) 132 kV Lines	NSW	Lightning	GPATS
52854	23/04/2016 13:40	23/04/2016 14:50	52855	Tarong – Chincilla 7183 and 7168 132 kV Lines	QLD	Lightning	GPATS
52858	23/04/2016 21:00	23/06/2016 09:27	54078	South East Substation No1 and No2 275 kV SVC	SA	Other	Event occurred



APPENDIX B. NON-CREDIBLE CONTINGENCY EVENTS 1 NOVEMBER 2015 TO 30 APRIL 2016

Table 5 Non-credible contingency events 1 November 2015 to 30 April 2016

Date of contingency	Description	Region	Reason	Was the contingency then reclassified?	Comments
01/11/2015 22:11	Trip of Heywood – South East No.1 275 kV line	SA	Other	Yes	ElectraNet advised that the trip was due to incompatible protection relay setting. AEMO reclassified the event as the cause remained unknown. AEMO cancelled the reclassification on 5/11/2015 when the cause was identified and resolved.
02/11/2015 12:42	Trip of Barron Gorge Power Station – Kamerunga 132 kV lines 7143 and 7184	QLD	Other	No	Barron Gorge Power Station advised that the trip was caused by failure of local supply changeover during the planned maintenance. AEMO did not reclassify the event as the cause was identified and resolved.
03/11/2015 14:27	Trip of three Tomago Potlines	NSW	Other	Yes	TransGrid advised that the trip was caused by a defective power supply rectifier at Tomago. AEMO reclassified the event as the cause was not known. AEMO cancelled the reclassification on the same day after cause was identified and resolved.
04/11/2015 12:32	Trip of 132 kV bus at Uranquinty	NSW	Other	No	TransGrid advised that the trip was due to a human error. AEMO did not reclassified the event because the cause was identified. AEMO considered the event was unlikely to reoccur.
04/11/2015 17:17	Trip of North West Bend – Berri – Monash No. 2 132 kV, and North West Bend Transformer No. 2	SA	Other	Yes	ElectraNet advised that the trip of the transformer was caused by protection operation due to loose terminals. AEMO reclassified the event as the cause was unknown. AEMO cancelled the reclassification on 07/12/2016 when the cause was identified and resolved.
12/11/2015 09:28	Trip of Horsham – Red Cliffs 220 kV line and run back of Murraylink. Following this CB WT_Q1 at the Murraylink Red Cliffs opened.	VIC	Other	Yes	APA Group advised the circuit breaker tripped due to the loss of auxiliary power supplies. AEMO reclassified this event because the cause was not known. AEMO cancelled the reclassification on 15/08/2016 when the cause was identified and resolved.
20/11/2015 13:08	Trip of Wallerawang – Ingleburn 77 330 kV and Ingleburn – Sydney South 78 330 kV line	NSW	Other	No	TransGrid advised that the trip was caused by a failure of a CT associated with a circuit breaker at Ingleburn substation. AEMO did not reclassify the event because the cause was identified. AEMO considered the event was unlikely to reoccur.

Date of contingency	Description	Region	Reason	Was the contingency then reclassified?	Comments
20/11/2015 20:43	Trip of Baralaba – Blackwater 7113 132 kV line at Baralaba end	QLD	Other	No	Powerlink advised the trip was due to faulty protection relay operation. AEMO did not reclassify the event because the cause was identified and resolved.
25/11/2015 09:51	Trip of Clare North – Mintaro and Waterloo – Waterloo East 132 kV lines	SA	Other	Yes	ElectraNet advised the trip of Waterloo – Waterloo East 132 kV line was caused by faulty protection operation. The trip of Clare North – Mintaro 132 kV line was due to bushfires. AEMO reclassified the event as the cause was unknown and considered the event was likely to reoccur. AEMO cancelled the reclassification on 23/12/2015 when the protection was rectified.
01/12/2015 13:47	Trip Lismore 132 kV CB's 9W12, 9U92 and 9U82	NSW	Other	No	TransGrid advised the trip was due to incorrect isolation during planned maintenance. AEMO did not reclassify the event as the cause was identified and corrective actions were taken to ensure the event would not reoccur.
02/12/2015 01:25	Trip of Roma – Coolumboola 7164 and 7174 132 kV lines	QLD	Other	Yes	AEMO reclassified this event as the cause was unknown based on advice from Powerlink. AEMO cancelled the reclassification 8 hours later as this event does not fulfil the criteria specified in SO_OP_3715. See section 5.
06/12/2015 23:08	Trip of Yallourn No. 2 220 kV bus, and two generating units at Yallourn Power Station	VIC	Other	No	Energy Australia advised that the trip was due to incorrect operation of a generator circuit breaker at Yallourn Power Station, resulting in tripping of the bus. AEMO did not reclassify the event because the cause was identified and considered unlikely to reoccur.
16/12/2015 14:13	Trip of Murraylink – Berri 132 kV CB 6077 at Murraylink end	SA	Other	No	ElectraNet advised the trip was caused by a faulty control card. AEMO did not reclassify the event because the cause was identify and considered unlikely to reoccur.
22/12/2015 16:18	Trip of Chalumbin Woree 876 275 kV line at Woree end	QLD	Other	No	Powerlink advised the trip was due to faulty protection relay operation. AEMO did not reclassify the event because the cause was identified and resolved.
05/01/2016 13:43	Trip of Bulli Creek – Millmerran 9904 330 kV line at Bulli Creek end	QLD	Other	No	Powerlink advised the trip was due to human error during planned work. AEMO did not reclassify the event because the cause was identified and considered unlikely to reoccur.
08/01/2016 19:30	Trip of Chapel Street – Liapootah – Repulse 220 kV line at Chapel Street end	TAS	Other	Yes	TasNetworks advised the trip was caused by incorrect protection operation. AEMO reclassified the event as the cause was unknown. On the same day, AEMO cancelled the reclassification after the cause was identified and resolved.
13/01/2016 12:58	Trip of Woolooga 3 transformer 132 kV CB 4432 at 132 kV end	QLD	Other	No	Powerlink advised the trip was caused by incorrect protection operation. AEMO did not reclassify the event because the cause was identified and resolved.

Date of contingency	Description	Region	Reason	Was the contingency then reclassified?	Comments
24/01/2016 00:51	Trip of Bell Bay Three Unit 2 and 3	TAS	Other	Yes	Hydro Tasmania advised that the trip was due to incorrect control setting. AEMO reclassified the event as the cause was unknown and considered the event was likely to reoccur. AEMO cancelled the reclassification on 04/04/2016 when the cause was identified and resolved.
29/01/2016 01:27	Trip of Barron Gorge – Kamerunga 7143 and 7184 132 kV lines	QLD	Other	Yes	Stanwell advised the trip was due to the generator transformer's protection operation. AEMO reclassified this event because the cause was unknown. AEMO cancelled the reclassification on 22/07/2016 when the cause was identified and considered the event was unlikely to reoccur.
30/01/2016 03:01	Trip of Hummocks – Waterloo 132 kV line at Waterloo end	SA	Other	Yes	ElectraNet advised the trip was caused by incorrect protection operation. AEMO reclassified the event because the cause was unknown. AEMO cancelled the reclassification when the cause was identified and resolved on 12/02/2016.
03/02/2016 20:31	Trip of Bouldercombe – Rockhampton 7108 and Bouldercombe – Egans Hill 7221 132 kV lines	QLD	Lightning	No	Powerlink advised the trip was caused by lightning in the area. AEMO did not reclassify the event because lightning activities were no longer observed in the area. AEMO updated SO_OP3715 to include these lines in the vulnerable list.
05/02/2016 18:11	Trip of Collinsville – Stoney Creek 7306 and Collinsville – Newlands 7121 132 kV lines	QLD	Lightning	Yes	Powerlink advised the trip and auto reclosed of the lines was caused by lightning in the area. AEMO reclassified the event because lightning activities were still observed in the area. AEMO updated SO_OP3715 to include these lines in the vulnerable list.
09/02/2016 14:23	Trip of Gordon – Chapel Street No. 2 and Liapootah – Catagunya Tee Wayatinah 220 kV lines	TAS	Lightning and Other	Yes	TasNetworks advised the trip of Gordon – Chapel Street No. 2 was likely due to lightning. Hydro Tasmania advised that the trip of Liapootah – Catagunya Tee Wayatinah was due to incorrect protection operation. AEMO reclassified the event as the cause was unknown and considered the event was likely to reoccur. AEMO cancelled the reclassification on 17/02/2016 when the cause was identified and resolved.
15/03/2016 15:52	Trip of Condabri Central No. 1 132 kV bus	QLD	Other	No	Powerlink advised the trip was caused by human error. AEMO did not reclassify this event as the cause was identified and the event was unlikely to reoccur.
22/03/2016 20:50	Trip of Jeeralang No. 2 220 kV bus	VIC	Other	No	AusNet advised that the trip was caused by a faulty component on the Jeeralang Power Station unit transformer. AEMO did not reclassify this event because the cause was identified and the problem resolved.



Date of contingency	Description	Region	Reason	Was the contingency then reclassified?	Comments
23/03/2016 10:52	Trip of Blackstone substation H72 CB's 88262, 88872, 5422 and 5412	QLD	Other	No	Powerlink advised the trip was caused by human error. AEMO did not reclassify this event as the cause was identified and considered the event was unlikely to reoccur.
07/04/2016 10:09	Trip of B2 generator circuit breaker and Jeeralang No. 1 220 kV bus	VIC	Other	No	Ecogen advised that the trip was due to B2 generator circuit breaker failing to open during shutdown of B2 generator, resulting in tripping of the bus. AEMO did not reclassify the event as advised by Ecogen that the cause was identified and resolved.
10/04/2016 20:59	Trip of B2 generator circuit breaker and Jeeralang No. 1 220 kV bus	VIC	Other	Yes	Ecogen advised that the trip was due to B2 generator circuit breaker failing to open during shutdown of B2 generator, resulting in tripping of the bus. AEMO did not reclassify this event as the circuit breaker was isolated for further investigation. AEMO later reclassified this event when the generator circuit breaker was returned to service on 14/04/2016. AEMO considered the event was likely to reoccur as the cause had not been rectified. AEMO cancelled the reclassification on 03/06/2016 when the cause was resolved.
23/04/2016 20:31	Trip of SESS No. 1 275 kV SVC and No. 2 275 kV SVC	SA	Other	Yes	ElectraNet advised the trip was caused by failure of the 415V auxiliary supply to the SVCs. AEMO reclassified the event as the cause had not been identified. AEMO cancelled the reclassification on 23/06/2016 when the cause was identified and resolved.
28/04/2016 14:44	Trip of Rowville A1 500/220 kV transformer and No. 1 SVC	VIC	Other	No	AusNet advised that the trip was caused by human error. AEMO did not reclassify this event as the cause was identified and considered the event was unlikely to reoccur.



APPENDIX C. MARKET IMPACT OF RECLASSIFICATION CONSTRAINTS

1 NOVEMBER 2015 TO 30 APRIL 2016

Table 6 Reclassification constraints that bound over the reporting period

Reclassification Start time	Reclassification End time	Reclassified Equipment	Constraint	Number of Dispatch Intervals binding
01/11/2015 13:50	01/11/2015 18:00	Rowville Yallourn No. 5 and No. 6 220 kV lines	V>V_NIL_ROYP56_R5_1	13
06/11/2015 21:30	06/11/2015 22:15	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	T>T_NIL_LIPM_N-2_2B	5
25/11/2015 23:05	25/11/2015 23:40	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	T>T_NIL_LIPM_N-2_2B	7
08/12/2015 07:05	08/12/2015 10:15	Farrell Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R6_1	11
			F_T+FARE_N-2_RREG	2
			F_T+FARE_N-2_TG_R60	4
15/12/2015 14:20	15/12/2015 17:55	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	T>T_NIL_LIPM_N-2_2B	18
15/12/2015 18:15	15/12/2015 19:35	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_TG_R6_1	15
			F_T+FASH_N-2_TG_R5	8
			F_T+FASH_N-2_TG_R60	9
20/12/2015 12:25	20/12/2015 15:40	Rowville Yallourn No. 5 and No. 6 220 kV lines	V>V_NIL_ROYP56_R2_3	15
			V>V_NIL_ROYP56_R2_1	10
13/01/2016 16:40	13/01/2016 18:05	Farrell Reece No. 1 and No. 2 220 kV lines	F_T+FARE_N-2_TG_R6_1	17
			F_T+FARE_N-2_RREG	14
13/01/2016 19:25	13/01/2016 21:35	Farrell – Sheffield No. 1 and No. 2 220 kV lines	T>T_FASH_1_N-2	2
			F_T+FASH_N-2_RREG	16
			F_T+FASH_N-2_TG_R60	1
13/01/2016 18:25	13/01/2016 19:05	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	T>T_NIL_LIPM_N-2_2A	2
29/01/2016 13:40	29/01/2016 19:30	Farrell – Sheffield No. 1 and No. 2 220 kV lines	F_T+FASH_N-2_RREG	65
			F_T+FASH_N-2_TG_R60	16
23/02/2016 16:15	23/02/2016 16:55	Rowville Yallourn No. 5 and No. 6 220 kV lines	V>V_NIL_ROYP56_R2_1	8
09/03/2016 00:40	09/03/2016 02:15	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	T>T_NIL_LIPM_N-2_2A	15





Reclassification Start time	Reclassification End time	Reclassified Equipment	Constraint	Number of Dispatch Intervals binding
09/03/2016 03:25	09/03/2016 04:20	Liapootah – Palmerston No. 1 and No. 2 220 kV lines	T>T_NIL_LIPM_N-2_2A	7