

	A	B	C	D	E	F	G	H	I
1	3.3(a) - STPIS Exclusions								
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3	Date of event	Outage ID	Feeder ID / name	Feeder classification	Cause of event	Number of interruptions	Duration of interruption (mins)	Total unplanned minutes off supply	Exclusion clause
4	24/07/2023	INC 4111013376	CX1232	Short rural	Other	651	227	147,832	7
5	8/08/2023	INC 4111015125	ULJ2	Urban	Third Party Impacts	75	197	14,781	7
6	8/08/2023	INC 4111015229	S788	Short rural	Other	1	89	89	7
7	22/08/2023	INC 1122046423	CX1273	Short rural	Third Party Impacts	459	527	241,879	7
8	30/08/2023	INC 4112010427	S786	Short rural	Third Party Impacts	41	114	4,659	7
9	8/09/2023	INC 4112011633	MVB2	Short rural	Third Party Impacts	1192	138	165,082	7
10	18/09/2023	INC 1115054446	NM1210	Urban	Third Party Impacts	362	55	19,934	7

	A	B	C	D	E	F	G	H	I
11	22/09/2023	INC 1122047114	HKD2	Short rural	Third Party Impacts	18	10	184	7
12	23/10/2023	INC 1122050750	WH1287	Urban	Third Party Impacts	1641	86	140,650	7
13	1/11/2023	INC 1122052189	WP1275	Urban	Third Party Impacts	1513	91	137,374	7
14	10/11/2023	INC 1115056031	PC1222	Short rural	Other	7	232	1,623	7
15	1/12/2023	INC 1122055157	OA1233	Short rural	Third Party Impacts	1	273	273	7
16	1/02/2024	INC 1122064114	68190	Urban	Third Party Impacts	1	38	38	7
17	12/02/2024	INC 1122065456	X870	Urban	Third Party Impacts	19	600	11,398	7
18	18/02/2024	INC 1122066495	APH2	Urban	Other	1	55	55	7

	A	B	C	D	E	F	G	H	I
19	21/02/2024	INC 1122067299	KC1284	Short rural	Third Party Impacts	1898	86	163,840	7
20	2/03/2024	INC 1122068633	RD1299	Urban	Third Party Impacts	1958	68	132,467	7
21	27/03/2024	INC 1115059394	WP1275	Urban	Other	1	424	424	7
22	11/04/2024	INC 1122071169	8615	Urban	Third Party Impacts	28	60	1,674	7
23	19/04/2024	INC 1122072076	C900	Urban	Third Party Impacts	1722	145	250,271	7
24	27/04/2024	INC 1122072880	SN1208	Short rural	Other	444	64	28,396	7
25	27/04/2024	INC 1122072880	SN1271	Short rural	Other	12	8	99	7
26	14/05/2024	INC 1122074592	J459	Urban	Third Party Impacts	1816	209	379,102	7

	A	B	C	D	E	F	G	H	I
27	27/05/2024	INC 4112012136	LL1142	Urban	Third Party Impacts	1	73	73	7
28	2/06/2024	INC 4112013063	48185	Short rural	Third Party Impacts	1663	100	165,912	7
29	6/06/2024	INC 4112013704	PH1297	Urban	Third Party Impacts	13	108	1,400	7
30	24/06/2024	INC 4112016535	MG1219	Short rural	Other	1	381		7
31	25/06/2024	INC 4112016712	BX1352	Urban	Third Party Impacts	19	533	10,120	7
32	28/06/2024	INC 4112017075	MR2205	Urban	Third Party Impacts	2354	86	202,679	7

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3	Please provide details (outage report/notices) of these outages to verify the exclusion claimed.	Endeavour initial response	Event specific details	
4	Fire	Back burning in the area has caused tree to fall on HV mains. This is excluded under Type 7 exclusions because the network was isolated by network protection schemes to protect the asset, prevent further damage to the surrounding area by live mains falling due to fire and the likely requirement for a member of the public or emergency services to extinguish the fire in the proximity of live electricity. This obligation is covered in as a in the Electricity Supply (Safety and Network Management) Regulation 2014 to have a safety management systems that managed the "protection of property (whether or not belonging to a network operator)" and under the Electricity Supply Act 1995 (NSW) that requires in section 52 for "A network operator or retailer may interrupt the supply of electricity ... for such other purpose as the network operator or retailer considers neccessary for the safe and efficient operation"	BACK BURNING IN AREA HAS CAUSED TREE TO FALL ON HV MAINS AND CAUSE MUTIPLE BAYS OF DAMAGE NORTH OF LBS 95798 - - REPAIRED HV XARMS AND SLEEVED AND RETENSIONED DOWN HV MAINS	
5	Vehicle High Load	When a travelling vehicle comes in contact with overhead cables above the road this brings the mains down, likely making the vehicle be in contact with live electricity. In this circumstance we know that a member of the public driving the vehicle is in contact with or within safe clearances of live electricity. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would typically isolate the network and power would be restored when the site is made safe	Comment from call CALL 5129033814: - CUSTOMER HEARD A LOUD BANG AND SAW A FLASH OF LIGHT NEAR GOLD VIEW RD. VEHICLE ONSITE	
6	Theft of EE Equipment	Endeavour Energy equipment (including earthing apparatus, locks, barriers, etc.) is in place to provide protection to the equipment, public and staff. When these are stolen the network may be isolated in order for repairs to make the situation safe, at times the act of theft can also cause an outage. These incidents are excluded because Endeavour Energy has an obligation under the Electricity Supply Act 1995 (NSW) in section 52 for "A network operator or retailer may interrupt the supply of electricity ... for such other purpose as the network operator or retailer considers neccessary for the safe and efficient operation", in this circumstance the interruption is directly linked to members of the public at risk due to the theft	Service fuses were stolen from a customer switchboard.	
7	Vehicle High Load	When a travelling vehicle comes in contact with overhead cables above the road this brings the mains down, likely making the vehicle be in contact with live electricity. In this circumstance we know that a member of the public driving the vehicle is in contact with or within safe clearances of live electricity. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would typically isolate the network and power would be restored when the site is made safe	Vehicle high load brought down 33kV mains, tripping the feeder. vehicle onsite	
8	Vandalism	Vandalism of Endeavour Energy's equipment causes an interruption when it impacts on the safe operation of the network, in this case a switch was damaged by vandals and left in an unsafe state. These incidents are excluded because Endeavour Energy has an obligation under the Electricity Supply Act 1995 (NSW) in section 52 for "A network operator or retailer may interrupt the supply of electricity ... for such other purpose as the network operator or retailer considers neccessary for the safe and efficient operation", in this circumstance the interruption is directly linked to members of the public at risk due to the impacts to safety mechanisms by vandalism	ABS Midmount Handle Damaged by Vandals left in open position. Outage required to repair and make safe	
9	Vehicle Impact	When a vehicle impacts a pole/column/pillar it compromises the integrity of the structure and the safe clearances it provides to the public. In this scenario protection would typically operate to interrupt the network to maintain the safety of the member of the public driving the vehicle who encroached on safe clearances with the network. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would power would be restored when the site is made safe and any relevant investigations are undertaken	Car hit and badly damaged pole, causing feeder to trip and successfully reclose. Call from police report a fatality, control room intentionally open breaker again for safety of occupants and first responders. Photo to the right	
10	Vehicle High Load	When a travelling vehicle comes in contact with overhead cables above the road this brings the mains down, likely making the vehicle be in contact with live electricity. In this circumstance we know that a member of the public driving the vehicle is in contact with or within safe clearances of live electricity. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would typically isolate the network and power would be restored when the site is made safe	Roadside bond burnt off ABS T257 DUE TO VEHICLE MAINS IMPACT	

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11	Excavation Damage	When a member of the public excavates around or into live cables Endeavour Energy will isolate the network (typically with protections schemes or proactively if notified prior to a cable being compromised) in order to minimise injury to the operator and protect the plant. This isolation is considered to be excluded because a member of the public is directly at risk of electrocution in the event of contacting cables during excavation and Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public" which are directly at risk in this scenario	Suspected abandoned LV cable cut, which turned out to be live. Supply isolated to protect workers	
12	Vehicle High Load	When a travelling vehicle comes in contact with overhead cables above the road this brings the mains down, likely making the vehicle be in contact with live electricity. In this circumstance we know that a member of the public driving the vehicle is in contact with or within safe clearances of live electricity. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would typically isolate the network and power would be restored when the site is made safe	USL 67546 CONTACTS BURNT OUT AFTER VEHICLE IMPACT. OPENED & WT'D AND SUPPLY RESTORED - Comment from call CALL 2133083878: - Arcing from mains at the front of property, smoking from top of pole. Fire Brigade on the way	
13	Vehicle Impact	When a vehicle impacts a pole it compromises the integrity of the structure and the safe clearances it provides to the public. In this scenario protection would typically operate to interrupt the network to maintain the safety of the member of the public driving the vehicle who encroached on safe clearances with the network. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would power would be restored when the site is made safe and any relevant investigations are undertaken	SUSPECT CONDUCTOR CLASH FROM VEHICLE ONSITE	
14	Foreign Matter on System	Foil blown into HV bushings that was at risk of being conductive and energising close to the ground. This interruption is excluded because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public"	Foil blown into HV bushings supply isolated	
15	Overhead Strike	When a member of the public operates equipment or comes within safe clearances of live overhead mains Endeavour Energy will isolate the network (typically with protections schemes or proactively if notified prior to clearances being compromised) in order to minimise injury to the operator and protect the plant. This isolation is considered to be excluded because a member of the public is directly at risk of electrocution in the event of contacting overhead wires and Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public" which are directly at risk in this scenario	(1122055158) Truck hits service mains, bringing them to the ground	
16	Vehicle High Load	When a travelling vehicle comes in contact with overhead cables above the road this brings the mains down, likely making the vehicle be in contact with live electricity. In this circumstance we know that a member of the public driving the vehicle is in contact with or within safe clearances of live electricity. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would typically isolate the network and power would be restored when the site is made safe	(1122064109) Truck hit Telstra mains which flicked up into our LV blowing an LV sub fuse	
17	Excavation Damage	When a member of the public excavates around or into live cables Endeavour Energy will isolate the network (typically with protections schemes or proactively if notified prior to a cable being compromised) in order to minimise injury to the operator and protect the plant. This isolation is considered to be excluded because a member of the public is directly at risk of electrocution in the event of contacting cables during excavation and Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public" which are directly at risk in this scenario	ASP contractor installed an earth stake which hit an underground LV distribution cable.	
18	Foreign Matter on System	Proactive isolation of the network to remove a balloon that was at risk of being conductive and energising close to the ground. This interruption is excluded because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public"	(1122066491) Balloons made contact with HV mains, tripping HV feeder	

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19	Vehicle Impact	Vehicle impact to the pole compromised the integrity of the structure and the safe clearances it provides to the public. In this scenario protection would typically operate to interrupt the network to maintain the safety of the member of the public driving the vehicle who encroached on safe clearances with the network. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would power would be restored when the site is made safe and any relevant investigations are undertaken	Comment from call CALL 2146123235: - EXPLOSION FROM TX AT FRONT OF 300 - CUSTOMER HAS LOST SUPPLY - - ## NO MEDICAL EQUIPMENT ## - HV X-ARM & INSULATORS DAMAGED @ POLE 734178 VEHICLE ONSITE	
20	Vehicle Impact	When a vehicle impacts a pole/column/pillar it compromises the integrity of the structure and the safe clearances it provides to the public. In this scenario protection would typically operate to interrupt the network to maintain the safety of the member of the public driving the vehicle who encroached on safe clearances with the network. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would power would be restored when the site is made safe and any relevant investigations are undertaken	Centre phase conductor has come off the pin and resting on crossarm @ Pole 216276. - - Comment from call CALL 2133120952: - heard loud bang outside property - vehicle onsite	
21	Vandalism	Vandalism of Endeavour Energy's equipment causes an interruption when it impacts on the safe operation of the network or a member of the public is at risk while undertaking vandalism. e incidents are excluded because Endeavour Energy has an obligation under the Electricity Supply Act 1995 (NSW) in section 52 for "A network operator or retailer may interrupt the supply of electricity ... for such other purpose as the network operator or retailer considers necessary for the safe and efficient operation", in this circumstance the interruption is directly linked to members of the public at risk due to the impacts to safety mechanisms by vandalism or because they are on or near the network	Theft of copper consumer mains. Network isolated for customer to perform repairs - see photo	
22	Overhead Strike	When a member of the public operates equipment or comes within safe clearances of live overhead mains Endeavour Energy will isolate the network (typically with protections schemes or proactively if notified prior to clearances being compromised) in order to minimise injury to the operator and protect the plant. This isolation is considered to be excluded because a member of the public is directly at risk of electrocution in the event of contacting overhead wires and Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public" which are directly at risk in this scenario	Mains contacted. No specific information available due to ongoing investigations	
23	Vandalism	Vandalism of Endeavour Energy's equipment causes an interruption when a member of the public is at risk while undertaking vandalism, in this case cutting through a cable guard and starting to cut a live cable. In this case the network was isolated to keep the vandal safe and the incident is excluded because Endeavour Energy has an obligation under the Electricity Supply Act 1995 (NSW) in section 52 for "A network operator or retailer may interrupt the supply of electricity ... for such other purpose as the network operator or retailer considers necessary for the safe and efficient operation", in this circumstance the interruption is directly linked to members of the public at risk due to the impacts to safety mechanisms by vandalism or because they are on or near the network	CABLE GUARD REMOVED AND IT APPEARS SOMEONE MAY HAVE TRIED TO CUT CABLE AT POLE 508168 PARKES AV WERRINGTON	
24	Foreign Matter on System	Proactive isolation of the network to remove a flag that would have otherwise been at risk of causing a fire. This interruption is excluded because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public"	A flag hit a HV switch, causing the HV feeder to trip.	
25	Foreign Matter on System	Proactive isolation of the network to remove a flag that would have otherwise been at risk of causing a fire. This interruption is excluded because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public"	A flag hit a HV switch, causing the HV feeder to trip.	
26	Excavation Damage	Excavation damage caused by third party work resulted in cable strike. The accident was confirmed after investigations. Endeavour Energy will isolated the network (typically with protections schemes or proactively if notified prior to a cable being compromised) in order to minimise injury to the operator and protect the plant. This isolation is considered to be excluded because a member of the public is directly at risk of electrocution in the event of contacting cables during excavation and Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public" which are directly at risk in this scenario	the concrete slurry (biscuit) that protects the cables had been removed as part of an excavation and what appears to be evidence of an impact.	

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27	Vehicle High Load	When a travelling vehicle comes in contact with overhead cables above the road this brings the mains down, likely making the vehicle be in contact with live electricity. In this circumstance we know that a member of the public driving the vehicle is in contact with or within safe clearances of live electricity. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would typically isolate the network and power would be restored when the site is made safe	Comment from call CALL 54037844: - police en route. Truck has brought mains down. CAD 96124 Alan2048 - Service mains to #33 down.	
28	Vandalism	Vandalism of Endeavour Energy's equipment causes an interruption when it impacts on the safe operation of the network, in this case Lock on HV end of Cubicle has been damaged and left in an unsafe state. These incidents are excluded because Endeavour Energy has an obligation under the Electricity Supply Act 1995 (NSW) in section 52 for "A network operator or retailer may interrupt the supply of electricity ... for such other purpose as the network operator or retailer considers necessary for the safe and efficient operation", in this circumstance the interruption is directly linked to members of the public at risk due to the impacts to safety mechanisms by vandalism	Lock on HV end of Cubicle has been damaged by Phantom Switcher.	
29	Vehicle Impact	When a vehicle impacts a pole/column/pillar it compromises the integrity of the structure and the safe clearances it provides to the public. In this scenario protection would typically operate to interrupt the network to maintain the safety of the member of the public driving the vehicle who encroached on safe clearances with the network. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would power would be restored when the site is made safe and any relevant investigations are undertaken	car impact, snapped air break pole, feeder tripped out. Call from emergency services report mains on ground and heavy traffic in the area.	
30	Vandalism	Vandalism of Endeavour Energy's equipment causes an interruption when it impacts on the safe operation of the network or a member of the public is at risk while undertaking vandalism. e incidents are excluded because Endeavour Energy has an obligation under the Electricity Supply Act 1995 (NSW) in section 52 for "A network operator or retailer may interrupt the supply of electricity ... for such other purpose as the network operator or retailer considers necessary for the safe and efficient operation", in this circumstance the interruption is directly linked to members of the public at risk due to the impacts to safety mechanisms by vandalism or because they are on or near the network	Service fuse was stolen from meter board. This is also not an EE outage as supply was still at the top of the service fuse.	
31	Vehicle Impact	When a vehicle impacts a pole/column/pillar it compromises the integrity of the structure and the safe clearances it provides to the public. In this scenario protection would typically operate to interrupt the network to maintain the safety of the member of the public driving the vehicle who encroached on safe clearances with the network. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would power would be restored when the site is made safe and any relevant investigations are undertaken	(4112016700) Car hits pole which snaps HV and LV crossarms causing damage to HV mains	
32	Excavation Damage	When a member of the public excavates around or into live cables Endeavour Energy will isolate the network (typically with protections schemes or proactively if notified prior to a cable being compromised) in order to minimise injury to the operator and protect the plant. This isolation is considered to be excluded because a member of the public is directly at risk of electrocution in the event of contacting cables during excavation and Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public" which are directly at risk in this scenario	Civil contractors damage HV cable by driving in star stake. See photo on right	

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33	Vehicle Impact	When a vehicle impacts a pole/column/pillar it compromises the integrity of the structure and the safe clearances it provides to the public. In this scenario protection would typically operate to interrupt the network to maintain the safety of the member of the public driving the vehicle who encroached on safe clearances with the network. This is excluded interruption because Endeavour Energy has an obligation under the Electricity Supply (Safety and network Management) regulation which requires Endeavour Energy implement a safety management system with the objective of maintaining "the safety of members of the public". In this scenario protection would power would be restored when the site is made safe and any relevant investigations are undertaken	Car hit and snapped pole, outage required to replace pole. See photo below	
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3.3(a) - STPIS Exclusions

Date of event	Outage ID	Feeder ID / name	Feeder classification (drop down)	Cause of event (drop down)	Number of interruptions	Duration of interruption (mins)	Total unplanned minutes off supply	Event category	Please provide separate explanation to confirm the outage was not due to Inadequate transmission connection planning	AER Information request
22/12/2023	F-1436-i	CMN002	Rural Long	Equipment failure	1761		138.9136854	244627 3.3 a) (7)	Outage due to REFCL Bushfire Mit Plan setting requirement	Powercor operates it network in accordance with the <i>Electrical Safety Act 1998</i>. The <i>Electricity Safety Act 1998</i> requires Powercor to prepare and submit to Energy Safe Victoria (ESV) a plan every 5 years for the mitigation of bushfires. To minimise the risk of the electrical network starting fires, Powercor has installed REFCL's as defined in regulation 7(1)(j)of the <i>Electrical Safety (Bushfire Mitigation) Regulations 2023</i> . Powercor operates the REFCL to the required capacity as defined in regulation 7(1)(k) of the regulations. The introduction of REFCL technology has disrupted the traditional means of maintaining reliability of supply during network earth fault events due to the rapid reduction in fault currents resulting from REFCL operation. Traditional methods utilised the passage of these fault currents and time-based coordination to provide grading. In this case, the operation of the REFCL interrupted an additional 1,761 customers over what would have been the unplanned outage impact without the REFCL. The outage is therefore caused by Powercor complying with it's obligations under jurisdiction electricity legislation. <i>Electrical safety Act 1998</i>, <i>Electrical Safety (Bushfire Mitigation) Regulation 2023</i> and the <i>Powercor Bushfire Mitigation Plan</i> .
11/07/2023	F-40644-b	CLC013	Rural Long	Equipment failure	3072		75.32617188	231402 3.3 a) (7)	Outage due to REFCL Bushfire Mit Plan setting requirement	Powercor operates it network in accordance with the <i>Electrical Safety Act 1998</i>. The <i>Electricity Safety Act 1998</i> requires Powercor to prepare and submit to Energy Safe Victoria (ESV) a plan every 5 years for the mitigation of bushfires. To minimise the risk of the electrical network starting fires, Powercor has installed REFCL's as defined in regulation 7(1)(j)of the <i>Electrical Safety (Bushfire Mitigation) Regulations 2023</i> . Powercor operates the REFCL to the required capacity as defined in regulation 7(1)(k) of the regulations. The introduction of REFCL technology has disrupted the traditional means of maintaining reliability of supply during network earth fault events due to the rapid reduction in fault currents resulting from REFCL operation. Traditional methods utilised the passage of these fault currents and time-based coordination to provide grading. In this case, the operation of the REFCL interrupted an additional 3,072 customers over what would have been the unplanned outage impact without the REFCL. The outage is therefore caused by Powercor complying with it's obligations under jurisdiction electricity legislation. <i>Electrical safety Act 1998</i>, <i>Electrical Safety (Bushfire Mitigation) Regulation 2023</i> and the <i>Powercor Bushfire Mitigation Plan</i>.
30/04/2024	F-126-t	CTN002	Rural Long	Equipment failure	1157		198.0250648	229115 3.3 a) (7)	Outage due to REFCL compliance tests	Powercor operates it network in accordance with the <i>Electrical Safety Act 1998</i>. The <i>Electricity Safety Act 1998</i> requires Powercor to prepare and submit to Energy Safe Victoria (ESV) a plan every 5 years for the mitigation of bushfires. To minimise the risk of the electrical network starting fires, Powercor has installed REFCL's as defined in regulation 7(1)(j)of the <i>Electrical Safety (Bushfire Mitigation) Regulations 2023</i> . Powercor operates the REFCL to the required capacity as defined in regulation 7(1)(k) of the regulations. To demonstrate compliance with the legislated performance standard, Powercor conducts Annual Capacity Tests (ACT). During Annual Capacity Testing of it's REFCL's, unplanned outage may occur due to the increased voltage levels on the network. Powercor are unable to prevent these outages from occurring. In this case, the compliance testing caused the failure of an underground cable, with the resultant outage affecting 1,157 customers. The outage is therefore caused by Powercor complying with it's obligations under jurisdiction electricity legislation. <i>Electrical safety Act 1998</i>, <i>Electrical Safety (Bushfire Mitigation) Regulation 2023</i> and the <i>Powercor Bushfire Mitigation Plan</i> .
08/12/2023	F-993-i	CTN006	Rural Long	Other	1037		154	159698 3.3 a) (7)	Outage due to TFB Day Protection Setting Alteration	Powercor operates its network in accordance with the <i>Electrical Safety Act 1998</i>. The <i>Electricity Safety Act 1998</i> requires Powercor to prepare and submit to Energy Safe Victoria (ESV) a plan every 5 years for the mitigation of bushfires. The Bushfire Mitigation Plan requires Powercor to use enhanced protection and suppression settings on Days of Total Fire Ban to minimise the risk of a ire ignition caused by Power's electrcity network. In this case a transient fault on the network resulted in 1,037 customers expereincing a sustained outage instead of a momentary outage. The outage is therefore caused by Powercor complying with it's obligations under jurisdiction electricity legislationn. <i>Electrical safety Act 1998</i> and the <i>Powercor Bushfire Mitigation Plan</i>.
14/06/2024	F-4718-i	BAS024	Rural Short	Third party impacts	4691		27.08484332	127055 3.3 a) (7)	Outage due to REFCL Bushfire Mit Plan setting requirement	Powercor operates it network in accordance with the <i>Electrical Safety Act 1998</i>. The <i>Electricity Safety Act 1998</i> requires Powercor to prepare and submit to Energy Safe Victoria (ESV) a plan every 5 years for the mitigation of bushfires. To minimise the risk of the electrical network starting fires, Powercor has installed REFCL's as defined in regulation 7(1)(j)of the <i>Electrical Safety (Bushfire Mitigation) Regulations 2023</i> . Powercor operates the REFCL to the required capacity as defined in regulation 7(1)(k) of the regulations. The introduction of REFCL technology has disrupted the traditional means of maintaining reliability of supply during network earth fault events due to the rapid reduction in fault currents resulting from REFCL operation. Traditional methods utilised the passage of these fault currents and time-based coordination to provide grading. In this case, the operation of the REFCL interrupted an additional 4,691 customers over what would have been the unplanned outage impact without the REFCL. The outage is therefore caused by Powercor complying with it's obligations under jurisdiction electricity legislation. <i>Electrical safety Act 1998</i>, <i>Electrical Safety (Bushfire Mitigation) Regulation 2023</i> and the <i>Powercor Bushfire Mitigation Plan</i> .

OM0015 - Order Details - Order Details

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Information

Table

▼ Plant	▼ Order	▼ Feeder	▼ Order Location	▼ Cause	▼ Order Start Time	▼ Restoration Time	▼ ESC Exemption	▼ ESC Exempt Status	▼ Order Count	▼ Customers Connected	▼ Customers Affected	▼ Avg Cust Int Duration	▼ CMOS
Powercor's Distribution Centre	F-40644-b	CLC013	CLC013 fdr CB	Equip Fail	11.07.2023 04:23	11.07.2023 10:52	AER: REFCL Bushfire Mitigation July 2023	Submitted	1	3,072	3,072	75	231,402
Powercor's Distribution Centre	F-993-i	CTN006	37320-56 22kV ACR DONALD P241 ACR	Unknown	08.12.2023 20:01	08.12.2023 22:35	AER: TFB Day Setting Outage 8th December 2023	Submitted	1	1,037	1,037	154	159,698
Powercor's Distribution Centre	F-1436-i	CMN002	CMN002 fdr CB	Equip Fail	22.12.2023 17:36	22.12.2023 23:55	AER: REFCL Bushfire Mitigation Dec 2023	Submitted	1	1,761	1,761	139	244,627
Powercor's Distribution Centre	F-126-t	CTN002	CTN002 fdr CB	Equip Fail	30.04.2024 12:30	01.05.2024 20:52	AER: REFCL Compliance Testing April 2024	Submitted	1	1,157	1,157	198	229,115
Powercor's Distribution Centre	F-4718-i	BAS024	BAS024 fdr CB	Third Party	14.06.2024 13:55	14.06.2024 15:48	AER: REFCL Bushfire Mitigation June 2024	Submitted	1	4,691	4,691	27	127,055

Date of Outage event	ID	Feeder ID / name	Feeder classification	Cause of event	Number of interruptions	Duration of interruption (mins)	Total unplanned minutes off supply	Exclusion clause	Effect on unplanned MAIFI	Please provide details (outage report/notices) of these outages to verify the exclusion claimed.	Flag	Staff comments/assessment
24/07/2023	INC 4111013376	CX1232	Short rural	Other	651	227.0847206	147,832	7	Fire		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.4
8/08/2023	INC 4111015125	ULJ2	Urban	Third Party Impacts	75	197.0833282	14,781	7	Vehicle High Load		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.9
22/08/2023	INC 1122046423	CX1273	Short rural	Third Party Impacts	459	526.96925	241,879	7	Vehicle High Load		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.11
30/08/2023	INC 4112010427	S786	Short rural	Third Party Impacts	41	113.6353648	4,659	7	Vandalism		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.14
8/09/2023	INC 4112011633	MVB2	Short rural	Third Party Impacts	1192	138.4914157	165,082	7	Vehicle Impact		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.16
18/09/2023	INC 1115054446	NM1210	Urban	Third Party Impacts	362	55.0666682	19,934	7	Vehicle High Load		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.18
23/10/2023	INC 1122050750	WH1287	Urban	Third Party Impacts	1641	85.71009346	140,650	7	Vehicle High Load		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.28
1/11/2023	INC 1122052189	WP1275	Urban	Third Party Impacts	1513	90.79592456	137,374	7	Vehicle Impact		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.30
10/11/2023	INC 1115056031	PC1222	Short rural	Other	7	231.8833313	1,623	7	Foreign Matter on System		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.33
12/02/2024	INC 1122065456	X870	Urban	Third Party Impacts	19	599.9157699	11,398	7	Excavation Damage		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.42
21/02/2024	INC 1122067299	KC1284	Short rural	Third Party Impacts	1898	86.32260473	163,840	7	Vehicle Impact		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.43
2/03/2024	INC 1122068633	RD1299	Urban	Third Party Impacts	1958	67.65412949	132,467	7	Vehicle Impact		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.44
11/04/2024	INC 1122071169	8615	Urban	Third Party Impacts	28	59.79999924	1,674	7	Overhead Strike		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.47
19/04/2024	INC 1122072076	C900	Urban	Third Party Impacts	1722	145.3375201	250,271	7	Vandalism		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.49
27/04/2024	INC 1122072880	SN1208	Short rural	Other	444	63.9555546	28,396	7	Foreign Matter on System		y	Compliant see imanage link https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.50

14/05/2024	INC 1122074592	J459	Urban	Third Party Impacts	1816	208.7567503	379,102	7	Excavation Damage	y	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.53
2/06/2024	INC 4112013063	48185	Short rural	Third Party Impacts	1663	99.76667023	165,912	7	Vandalism	y	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.54
6/06/2024	INC 4112013704	PH1297	Urban	Third Party Impacts	13	107.6999969	1,400	7	Vehicle Impact	y	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.56
25/06/2024	INC 4112016712	BX1352	Urban	Third Party Impacts	19	532.6166382	10,120	7	Vehicle Impact	y	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.59
28/06/2024	INC 4112017075	MR2205	Urban	Third Party Impacts	2354	86.10000102	202,679	7	Excavation Damage	y	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.60
30/06/2024	INC 4112017298	7977	Urban	Third Party Impacts	36	344.493532	12,402	7	Vehicle Impact	y	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.61
27/04/2024	INC 1122072880	SN1271	Short rural	Other	12	8.216667116	99	7	Foreign Matter on System	same	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.63
8/08/2023	INC 4111015229	S788	Short rural	Other	1	88.6166687	89	7	Theft of EE Equipment	N too	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.64
22/09/2023	INC 1122047114	HKD2	Short rural	Third Party Impacts	18	10.19999981	184	7	Excavation Damage	N too	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.66
1/12/2023	INC 1122055157	OA1233	Short rural	Third Party Impacts	1	272.75	273	7	Overhead Strike	N too	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.71
1/02/2024	INC 1122064114	68190	Urban	Third Party Impacts	1	38.40000153	38	7	Vehicle High Load	N too	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.74
18/02/2024	INC 1122066495	APH2	Urban	Other	1	54.98333359	55	7	Foreign Matter on System	N too	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.76
27/03/2024	INC 1115059394	WP1275	Urban	Other	1	424.2833252	424	7	Vandalism	N too	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.78
27/05/2024	INC 4112012136	LL1142	Urban	Third Party Impacts	1	72.83333588	73	7	Vehicle High Load	N too	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.79
24/06/2024	INC 4112016535	MG1219	Short rural	Other	1	380.8500061		7	Vandalism	N too	Compliant see imanage link	https://imanage.accc.gov.au/work/link/d/ACCCANDAER!17958292.80

3.3(a) - STPIIS Exclusions

[illegible]



14/06/2024	F-4718-i	BAS024	Rural Short	Third party	4691	27.08484	127055 3.3 a) (7)	0 Outage due to REFCL Bushfire Mit Plan setting requirement	Supporting information (explanation from the DNSP and report generated from OMS) agrees to Powercor's RIN Responses https://imanager.accc.gov.au/work/link/d/ACCCANDAERI17902992.1
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Staff requested further information from DNSP