

Vulnerable Transmission Lines

Updated on: 18/05/2022

Notes:

LTTW: Lightning Trip Time Window

Contact the AEMO Support Hub at supporthub@aemo.com.au or call 1300 236 600 for information on previous changes.

Region	Double Circuit Transmission Lines	LTTW — End date for Probable state	LTTW — End date for Proven state	Reason for Classification	Category (Probable or Proven)
New South Wales	Bayswater – Mt piper No.5A3 and Mt Piper – Wollar No.5A5 500 kV lines	17/02/2023	N/A	Tripped once in past 3 years	Probable
New South Wales	Lismore – Mullumbimby tee Dunoon 9U6 and 9U7 132 kV Lines	25/01/2023	N/A	Tripped once in past 3 years	Probable
Queensland	Collinsville North – Proserpine No.7125 and No.7126 132 kV Lines	N/A	12/11/2026	Tripped in 5-year LTTW	Proven
Queensland	Tarong – Chinchilla No. 7183 and 7168 132 kV lines	N/A	28/10/2025	Tripped in 5-year LTTW	Proven
Queensland	Ross – Chalumbin No.857 and No.858 275 kV lines	25/01/2023	N/A	Tripped once in past 3-years	Probable
Queensland	Condabri North – Condabri Central No. 7400 and No. 7401 132 kV lines	12/01/2023	N/A	Tripped once in past 3 years	Probable
Queensland	Collinsville – Stoney Creek No.7306 and Collinsville – Newlands No.7121 132 kV lines	8/11/2024	N/A	Tripped once in past 3 years	Probable
Tasmania	Lindisfarne - Mornington Tee - Rokeby No 1 and 2 110 kV Lines	16/01/2023	N/A	Tripped once in past 3 years	Probable
Tasmania	Farrell – Reece No.1 and No.2 220 kV lines	N/A	6/11/2024	Tripped in 5-year LTTW	Proven
Tasmania	Farrell - Sheffield No.1 and No.2 220 kV lines	N/A	24/11/2022	Tripped in 5-year LTTW	Proven
Tasmania	Farrell–John Butters 220 kV line and Farrell–Rosebery–Newton–Queenstown 110 kV line	N/A	10/04/2026	Tripped in 5-year LTTW	Proven
Tasmania	Lindisfarne - Sorrell and Lindisfarne - Sorrell - Triabunna_Tee 110kV Lines	6/10/2022	N/A	Tripped once in past 3 years	Probable
Victoria	Eildon PS – Mt Beauty No.1 and No.2 220 kV lines	N/A	01/12/2026	Tripped in 5-year LTTW	Proven

Special Reclassification of Transmission Lines during lightning

Region	Transmission Lines	Notes
Tasmania	Farrell–Rosebery–Newton–Queenstown 110 kV line	Based on advice from the TasNetworks, the Farrell–Rosebery–Newton–Queens Town 110 kV line is considered at risk of a 3 phase fault when lightning is in the vicinity. As such during periods of lightning activity, AEMO will reclassify a 3 phase fault on this line as a credible contingency.