

Appendix J Designated Network Assets

This appendix provides information about which parts of Powerlink's transmission network are Designated Network Assets (DNAs) and the owners of DNAs.

J.1 Introduction

In July 2021, the Australian Energy Market Commission (AEMC) made the Connection to Dedicated Network Assets Rule. The rule change introduced the concept of a Designated Network Asset (DNA) into the National Electricity Rules (NER). Under the new rule, new transmission lines with a total route length in excess of 30 kilometres (km) are adopted as part of the shared transmission network and deemed to be a DNA under the NER.

Powerlink has two DNAs:

- MacIntyre DNA
- Western Downs DNA

This appendix includes information about which parts of the network are DNAs and the identities of the owners of those DNAs¹.

J.2 MacIntyre DNA

Powerlink is the owner of the MacIntyre DNA.

Table J.1 identifies the components of the MacIntyre DNA.

Table J.1 Main components of the MacIntyre DNA and tenure arrangements

No	Asset Component	Description	Tenure
1	Network Interface Assets	Cut-in-works and related assets from the Identified User Shared Assets (IUSA) to the existing Shared Transmission Network	Easement
2	IUSA	330kV Tummalville Switching Station	Freehold
3	DNA Component 1	330kV Transmission line between Tummalville Switching Station and MacIntyre Intermediate Switching Station and associated easements	Easement
4	DNA Component 2	330kV MacIntyre Intermediate Switching Station and associated access easement	Freehold (switching station) and easement

More information on the MacIntyre DNA is available on Powerlink's [website](#).

J.3 Western Downs DNA

Powerlink is the owner of the Western Downs DNA.

Table J.2 identifies the components of the Western Downs DNA.

Table J.2 Main components of the Western Downs DNA and tenure arrangements

No	Asset Component	Description	Tenure
1	DNA Component 1	48.5km of 275kV double circuit transmission line between Halys Substation to the Diamondy Switching Station and associated easements.	Easement
2	DNA Component 2	275kV Diamondy Switching Station and associated access easement.	Freehold (switching station) and easement

More information on the Western Downs DNA is available on Powerlink's [website](#).

¹ National Electricity Rules, clause 5.12.2(c)(6B).