

## Appendix K 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.*

### K.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 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 three DNAs:

- MacIntyre DNA
- Western Downs DNA
- Kidston DNA.

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

### K.2 MacIntyre DNA

Powerlink is the owner of the MacIntyre DNA.

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

**Table K.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](#).

### K.3 Western Downs DNA

Powerlink is the owner of the Western Downs DNA.

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

**Table K.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 and 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](#).

## K.4 Kidston DNA

Powerlink is the owner of the Kidston DNA.

Table K.3 identifies the components of the Kidston DNA.

**Table K.3:** Main components of the Kidston DNA and tenure arrangements

| No | Asset Component                                                                                         | Description                                                                                                                       | Tenure                                    |
|----|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 1  | DNA Component 1                                                                                         | 275kV single circuit transmission line between Guybal Munjan Substation and Aurumfield Switching Station and associated easements | Easement                                  |
| 2  | DNA Component 2<br>Made up of: DNA Component 2 (Shared) and DNA Component 2 (Dedicated Connection Bays) | 275kV Aurumfield Switching Station and associated access easement                                                                 | Freehold (switching station) and easement |

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