

Date: 17 December 2025

1. Introduction

This DNA Access Operational Protocol must be read in conjunction with the Kidston DNA Access Policy available on Powerlink's website (**Kidston DNA Access Policy**) and the associated contract documents, including the Access Agreement for any specific Existing Connected Party. This document will be updated from time to time with the agreement of Powerlink (in its separate capacities as DNA Owner and Primary TNSP) and the Existing Connected Parties in accordance with the Kidston DNA Access Policy.

This version of the DNA Access Operational Protocol indicates the operational schemes that may be required in the future. The initial *connection* of the Kidston Pumped Hydro Storage only will not require any operational schemes to operate the DNA.

The procedures in this DNA Access Operational Protocol are always subject to the Electricity Laws, including the existence of a court order or any order or direction made by an Authority under the Electricity Laws.

2. Definitions

Capitalised terms in this DNA Access Operational Protocol have the meanings given to them in the Kidston DNA Access Policy, unless the context requires otherwise. Italicised terms have the meanings given to them in the Rules.

3. Operational Responsibilities

Powerlink is the owner of the Kidston DNA, and operator of the Kidston DNA in its capacity as Primary TNSP.

4. Operational Communication

Powerlink (as Primary TNSP) maintains a Network Operations Control Centre staffed 24 hours per day, seven day a week for operational purposes.

Powerlink's contact details are available in the Access Agreement of each Existing Connected Party.

5. Technical Envelope of DNA Component 1

The Kidston DNA is primarily limited by the configuration of DNA Component 1 as a single circuit (the 275kV transmission line between Aurumfield Substation (DNA Component 2) and Guybal Munjan Switching Station (Network Substation)).

DNA Component 1 will be operated within its technical envelope by AEMO consistent with Powerlink's wider *transmission network*. The technical envelope is advised to AEMO by Powerlink (as Primary TNSP) under the following parameters in Table 1. DNA Component 1 is a single circuit and the rating is set out in Table 1.

Table 1 – Kidston DNA Component 1 Thermal Ratings Table

Season	Normal Rating (MVA) per circuit
Summer	576
Shoulder	661
Winter	722

A nominal voltage of 275kV is assumed.

The ratings in the table for each season apply to the periods as note below:

- “Summer” applies from 1 October to 31 March;
- “Shoulder” applies from 1 April to 31 May and from 1 September to 30 September; and
- “Winter” applies from 1 June to 31 August.

Dynamic ratings are not used for this transmission element.

6. DNA Transfer Capacity

DNA Component 1 is a single circuit. The DNA Transfer Capacity is limited to a notional value of 576MVA. The actual transfer capacity may be further limited by:

- The stability limits such as voltage and dynamic in accordance with S5.1.8 of Chapter 5 of the Rules.
- The amount of FCAS that AEMO procures to manage contingencies (AEMO, through its NEM dispatch engine 'NEMDE', co-optimises this value every 5 minutes with the wholesale electricity market).
- If FCAS limits the transfer capacity below the DNA technical envelope, then AEMO will dispatch the Facility of each Existing Connected Party in accordance with the Rules.

7. Priority Order

In operating conditions as defined in the DNA technical envelope (referred to in item 5 & 6 above), Powerlink will provide DNA Service 1 to the Existing Connected Parties in the Priority Order.

As at the date of this Kidston DNA Access Operational Protocol, the Priority Order is as follows:

Table 2 – Kidston DNA Priority Order

Priority Order	DNA Party
1. Foundation Proponent	Kidston Pumped Storage Hydro

8. DNA Contingency Events – Run-back Scheme

A run-back scheme is not required as at the date of this DNA Access Operational Protocol due to DNA Component 1 being a single circuit.

The Priority Order does not apply during DNA Contingency Events.

9. DNA Intact – Congestion Management Scheme

A congestion management scheme is not required as at the date of this DNA Access Operational Protocol.

To the extent the total of the Agreed DNA Transfer Limits allocated to all the Existing Connected Parties exceeds the DNA Transfer Capacity, a congestion management scheme is required to manage the total output from the Existing Connected Parties to within the technical envelope of the DNA (as set out in item 5 and item 6).

Any congestion management scheme must comply with, and be consistent with, clause E3.2(d) of the Kidston DNA Access Policy, including giving effect to the Priority Order of the Existing Connected Parties. The congestion management scheme will give effect to the Priority Order and may be implemented by Powerlink in its role as Primary TNSP or using an alternative mechanism.

Where necessary, Powerlink will take action to ensure that the Kidston DNA lands in a *satisfactory state* should any Existing Connected Party not comply with any congestion management scheme implemented under this item 9.

10. Other Operational Matters

None as at the date of this Kidston DNA Operational Protocol.