



Powerlink Queensland

Western Downs DNA Access Policy

13 November 2024

Version History

Date	Version	Description	Approved By
13/11/24	1.0	DNA Access Policy	EGM NBD

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1. Information Details about the Western Downs DNA

Information about the DNA and the DNA Services (clauses 5.2A.8(b1), (b2), (b4) and (n) of the Rules)		
1	<i>Name/description of the DNA</i>	Western Downs DNA
2	<i>DNA Owner</i>	Queensland Electricity Transmission Corporation Limited ABN 82 078 849 233, trading as Powerlink, in its capacity as owner of the Western Downs DNA.
3	<i>Description of route of Western Downs DNA</i>	See Appendix A
4	<i>Tenure arrangements for Western Downs DNA</i>	See Appendix B
5	<i>Main components of the Western Downs DNA</i>	See Appendix C
6	<i>DNA supporting information (current transmission capacity of the Western Downs DNA, and capacity of generation plants and loads currently connected to the Western Downs DNA)</i>	At the AER Approval Date see Appendix C and otherwise see Powerlink's Western Downs DNA webpage www.powerlink.com.au/dna-westerndowns
7	<i>Limitations to increasing the capacity of the Western Downs DNA</i>	See Appendix D
8	<i>Limitations relating to the development, operation, upgrade to existing assets comprising the Western Downs DNA, including environmental, planning or other similar limitations</i>	See Appendix D
9	<i>Key Terms which are proposed to apply to the provision of DNA Services</i>	See Appendix E
10	<i>Pricing Methodology</i>	See Appendix F
11	<i>DNA Access Process</i>	See Appendix G

12	<i>Availability of commercial arbitration</i>	See clause 6
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2. Background

- 2.1. Clause 5.2A.8(b) of the Rules requires the owner of a *designated network asset* to prepare, maintain and publish an *access policy* on its website to provide a framework for Applicants to obtain *DNA services*.
- 2.2. This Access Policy has been prepared by the DNA Owner in compliance with its obligations under the Rules. The terms of this Access Policy are based on the particular facts and circumstances of the Western Downs DNA (including the commercial arrangements negotiated between the DNA Owner and Foundation Proponents), and should not be taken to be the DNA Owner's position or approach to *DNA services* for any future *designated network asset* which it may own, outside the Western Downs DNA.
- 2.3. This Access Policy was approved by the AER in accordance with clause 5.2A.8(f) of the Rules and is effective on and from the AER Approval Date.
- 2.4. This Access Policy may be varied in accordance with clause 5.2A.8(e) of the Rules.
- 2.5. In this Access Policy, certain information is specified as being maintained on the DNA Owner's website. The DNA Owner may update the website information from time to time (provided any update is consistent with this Access Policy), and will update the website information to be consistent with any variations to the Access Policy from time to time.

3. Application of Access Policy

- 3.1. Where an Applicant wants to establish a connection to that part of the *transmission network* that is the Western Downs DNA either through a *dedicated connection asset* or by way of a new *designated network asset*, then:
 - (a) for the connection, the Applicant must:
 - (i) apply to the Primary TNSP and the connection process in rule 5.3 of the Rules applies; and
 - (ii) obtain any confirmation required to be obtained under clause 5.2A.2(b)(6)(ii) of the Rules; and
 - (b) for access to DNA Services, the Applicant must apply for the provision of DNA Services in accordance with the DNA Access Process.
- 3.2. This Access Policy applies to:
 - (a) the access arrangements referred to in clause 3.1(b); and
 - (b) subject to paragraph E4 of Appendix E, the continued and ongoing provision of DNA Services to persons granted access to, and connected to, the Western Downs DNA and who receive DNA Services in accordance with this Access Policy.
- 3.3. Where Existing Connected Party seeks to make a change to its Facility for which new, additional or changed DNA Services are required from those then existing in its Access

Agreement, the Existing Connected Party is an “Applicant” for the purposes of clause 3.1 and this Access Policy to the extent of that change.

3.4. If there is any inconsistency between:

- (a) this Access Policy and the Rules, then the Rules prevail to the extent of the inconsistency; or
- (b) this Access Policy and the DNA Access Operational Protocol, then this Access Policy prevails to the extent of the inconsistency.

4. Main DNA related obligations

- 4.1. If an Applicant applies to the DNA Owner for DNA Services, the DNA Owner must comply with this Access Policy and the negotiating principles in Schedule 5.12 of the Rules (see Appendix H).
- 4.2. The DNA Owner and the Applicant must negotiate in good faith and comply with the timeframes to negotiate, the pricing for, and terms and conditions, of the requested DNA Services, as set out in this Access Policy.
- 4.3. The price for DNA Services will be determined in accordance with the Pricing Methodology.
- 4.4. The DNA Owner and any Existing Connected Party, must not engage in conduct for the purpose of preventing or hindering access to the DNA Services.
- 4.5. The DNA Owner is not required to (but it may) give access to an Applicant for DNA Services, if doing so would mean the Western Downs DNA would no longer constitute a designated network asset.
- 4.6. In providing DNA Services, the DNA Owner is not required to extend or replicate the Western Downs DNA.
- 4.7. An Applicant may request from the DNA Owner, via the contact details in clause 8 of this Access Policy, sufficient information to enable it to prepare a request for the DNA Services it requires.

5. Matters relating to the provision of the DNA Services

The Applicant acknowledges and agrees that:

- (a) the Limitations;
- (b) the Key Terms;
- (c) the Pricing Methodology; and
- (d) the DNA Access Process,

apply to the provision of DNA Services.

6. Dispute resolution

Rule 5.5 of the Rules applies to any dispute that arises between the DNA Owner and an Applicant about the terms and conditions of access for the provision of DNA Services.

7. Confidential information

7.1. Rule 8.6 of the Rules applies to Western Downs DNA Confidential Information:

- (a) as if a reference in rule 8.6 of the Rules to “*Registered Participant*” were a reference to an Applicant and the DNA Owner, individually and collectively, as applicable;
- (b) as if a reference in rule 8.6 of the Rules to “*confidential information*” were a reference to “Western Downs DNA Confidential Information”;
- (c) with the addition of further exceptions beyond those listed in clause 8.6.2 of the Rules as follows: an Applicant and/or the DNA Owner (as applicable) may disclose Western Downs DNA Confidential Information:
 - (i) to a bona fide intending assignee or novatee (or person seeking to take control via a Change in Control) of the relevant party;
 - (ii) in respect of an Applicant, to a joint venture partner in respect of its Facility;
 - (iii) as permitted or allowed under the Rules or any other applicable law;
 - (iv) to the extent it reasonably believes disclosure is required to enable it to comply with obligations under, or exercise rights under:
 - (A) this Access Policy (including in relation to the Pricing Methodology);
 - (B) the Rules or the *Energy (Renewable Transformation and Jobs) Act 2024* (Qld); or
 - (C) in respect of an Applicant, an Access Agreement to which it will be a party, or otherwise in respect of its Facility;
 - (v) if the relevant information is rightfully known by or in the possession or control of the Applicant or the DNA Owner (as applicable), other than as a result of a breach of confidence;
 - (vi) in the case of the Applicant, to an offtaker or potential offtaker of electricity and/or Green Rights produced by or in respect of its Facility;
 - (vii) where the Applicant or DNA Owner is a Government Owned Corporation, to its Shareholding Ministers.
- (d) with the amendment to clause 8.6.2(b)(1) of the Rules by replacing the words “employee or officer” with the words “director, employee, officer, agent or contractor”;
- (e) with the amendment to clause 8.6.2(b) of the Rules by replacing all the words after “which require the information” with the words “to the extent that the Applicant or DNA Owner (as applicable) reasonably believes the disclosure is necessary or required in relation to or in connection with:
 - (3) the application, implementation, operation, management or administration of:
 - (i) this Access Policy (including in relation to the Pricing Methodology);
 - (ii) the Rules or the *Energy (Renewable Transformation and Jobs) Act 2024* (Qld); or
 - (iii) in respect of an Applicant, an Access Agreement to which it will be a party; or

- (f) with amendment to clause 8.6.2(c) of the Rules to delete the words "under the Rules";
- (g) with amendment to clause 8.6.2(e) of the Rules to delete the words "relating to the Rules" and replacing with "under an Access Agreement or the Rules"; and
- (h) with clause 8.6.2(j) of the Rules deleted.

7.2. An Applicant consents to the DNA Owner disclosing Western Downs DNA Confidential Information relating to the Applicant or its Facility to:

- (a) an Existing Connected Party to inform an Existing Connected Party when an Applicant makes an application under clause 3 of this Access Policy and the general status of the Applicant's application for the relevant DNA Services;
- (b) an Existing Connected Party and any other Applicant but only to the extent that the DNA Owner reasonably believes the disclosure is necessary or required in relation to or in connection with the application, implementation, operation, management and administration of:
 - (i) this Access Policy (including in relation to the Pricing Methodology); or
 - (ii) the Rules or the *Energy (Renewable Transformation and Jobs) Act 2024* (Qld); or
- (c) the Primary TNSP.

7.3. Nothing in this clause 7 prevents the DNA Owner from measuring data on the Western Downs DNA or from using, adapting or disclosing that data for any purpose. The DNA Owner owns all copyright in that data. This does not prevent an Existing Connecting Party from owning copyright in, or using, adapting or disclosing, data collected by it in relation to its Facility.

7.4. Where an Applicant or the DNA Owner (as applicable):

- (a) has received Western Downs DNA Confidential Information pursuant to this Access Policy; and
- (b) discloses that Western Downs DNA Confidential Information to another party pursuant to this Access Policy,

the relevant Applicant or the DNA Owner (as applicable) must take appropriate precautions (to the extent reasonably practicable) to ensure that the proposed recipient keeps the information confidential in accordance with this clause 7 and does not use the information for any purpose other than that permitted under this clause 7.1.

8. Notices

8.1. Any notice, communication, consent, application, information or request (**Notice**) between the DNA Owner and an Applicant under this Access Policy is only given or made if it is in writing and delivered, posted or emailed to that party at the address set out below. Any Notices between the DNA Owner and an Existing Connected Party under this Access Policy will be governed via the notices provisions in that party's Access Agreement.

DNA Owner

Name

Queensland Electricity Transmission Corporation Limited

<i>Address</i>	33 Harold Street, Virginia Queensland 4014
<i>Email</i>	BusinessDevelopment@powerlink.com.au

Applicant	
<i>Name</i>	Name of Applicant
<i>Address</i>	As nominated in the Applicant's enquiry pursuant to the DNA Access Process
<i>Email</i>	As nominated in the Applicant's enquiry pursuant to the DNA Access Process

- 8.2. For Notices between the DNA Owner and an Applicant, a party may notify the other in writing from time to time of any change to the party's contact details.
- 8.3. For Notices between the DNA Owner and an Applicant, a party is taken to have received a Notice:
- (a) immediately when delivered in person;
 - (b) after three Business Days when sent by prepaid post; and
 - (c) immediately after the sender receives confirmation on its server that the email message has been transmitted (except where the Notice is emailed outside the other party's normal business hours, in which case, it is deemed to be received at 9.00 am on the following Business Day).

9. Defined terms and interpretation

- 9.1. Terms used in this Access Policy which are:
- (a) capitalised but not italicised have the meanings given in the Dictionary below; and
 - (b) *italicised* have the meanings given in the Rules.
- 9.2. In this Access Policy:
- (a) a reference to this Access Policy or another instrument or agreement includes any variation or replacement of any of them;
 - (b) a reference to a party includes (where relevant) the party's officers, employees, agents and contractors;
 - (c) a reference to a statute, ordinance, code or other law includes regulations and other instruments under it and consolidations, amendments, re-enactments or replacements of any of them;
 - (d) the singular includes the plural and vice versa;
 - (e) the word "person" includes a firm, a body corporate, a partnership, a joint venture, an unincorporated body or association, or any Government Agency;

- (f) a reference to a person (including a party) includes a reference to the person's executors, administrators, successors, substitutes (including, persons taking by novation) and assigns;
- (g) if a period of time is specified and dates from a given day or the day of an act or event, it is to be calculated exclusive of that day;
- (h) a reference to a day is to be interpreted as the period of time commencing at midnight and ending 24 hours later;
- (i) an expression of time is to be interpreted as "standard time" as that term is defined in the *Standard Time Act 1894* (QLD);
- (j) if a payment under this Access Policy must be made on a stipulated day that is not a Business Day, then the stipulated day will be taken to be the next Business Day;
- (k) a reference to anything (including, without limitation, any amount) is a reference to the whole and each part of it and a reference to a group of persons is a reference to all of them collectively, to any two or more of them collectively and to each of them individually;
- (l) the verb "include" (in all its parts, tenses and variants) is not used as, nor is it to be interpreted as, a word of limitation; and
- (m) the words "including", "for example" or "such as" do not limit the meaning of the words to which the example relates to that example or examples of a similar kind.

9.3. Headings are inserted for convenience and do not affect the interpretation of this Access Policy.

Dictionary

Term	Meaning
Access Agreement	<p>an access agreement(s) entered into between the DNA Owner and a person, granting a right to receive, whether conditional or unconditional, DNA Services (which, for the avoidance of doubt:</p> <ul style="list-style-type: none"> (a) may be contained in, or be, a person's <i>connection agreement</i>; and (b) may be contained in more than one agreement over time, but is referred to generically as an "Access Agreement").
Access Policy	this document.
AEMC	the Australian Energy Market Commission established under section 5 of the <i>Australian Energy Market Commission Establishment Act 2004</i> (SA).
AER	the Australian Energy Regulator established under section 44AE of the <i>Competition and Consumer Act 2010</i> (Cth).
AER Approval Date	the date on which the AER first approved this Access Policy as shown on Powerlink's Western Downs DNA webpage www.powerlink.com.au/dna-westerndowns .
Agreed DNA Transfer Limit	<p>means:</p> <ul style="list-style-type: none"> (a) (Generator Party) For an Existing Connected Party (or Applicant in respect of its proposed <i>connection</i> to the Western Downs DNA) that is, or will be if its Facility is <i>connected</i> to the Western Downs DNA, a Generator Party, the Agreed DNA Transfer Limit means [insert amount A] (expressed in MVA): <p>A equals B/C</p> <p>Where:</p> <p>B equals [insert MW – being:</p> <ul style="list-style-type: none"> a) Before <i>performance standards</i> for the Generator Party's Facility are accepted pursuant to the PS Approval Rules, the amount specified as "B" for the Agreed DNA Transfer Limit in that party's Access Agreement; or b) on and from the date that <i>performance standards</i> for the Generator Party's Facility are accepted pursuant to the PS Approval Rules, the maximum power that the Generator Party is permitted to transfer as described in those <i>performance standards</i>]. <p>C equals 0.93</p>

Term	Meaning
	<p>(b) (Customer Party) For an Existing Connected Party (or Applicant in respect of its proposed connection to the Western Downs DNA) that is, or will be if its Facility is <i>connected</i> to the Western Downs DNA, a Customer Party, the Agreed DNA Transfer Limit means [insert amount A] (expressed in MVA):</p> <p>A equals B/C</p> <p>Where:</p> <p>B equals [insert MW – being:</p> <ul style="list-style-type: none"> a) Before <i>performance standards</i> for the Customer Party's Facility are accepted pursuant to the PS Approval Rules, the amount specified as “B” for the Agreed DNA Transfer Limit in that party's Access Agreement; or b) on and from the date that <i>performance standards</i> for the Customer Party's Facility are accepted pursuant to the PS Approval Rules, the maximum power that the Customer Party is permitted to transfer as described in those <i>performance standards</i>]. <p>C equals:</p> <ul style="list-style-type: none"> a) for the purpose of Appendix F: 0.93 b) for the purpose of use of DNA Service 1: 0.96 or other power factor agreed between Powerlink and the Existing Connected Party (or Applicant). <p>(c) (Bi-Directional Party) For an Existing Connected Party (or Applicant in respect of its proposed <i>connection</i> to the Western Downs DNA) that is, or will be if its Facility is <i>connected</i> to the Western Downs DNA, a Bi-Directional Party, its Agreed DNA Transfer Limit will be calculated as follows:</p> <ul style="list-style-type: none"> a) Discharge: the Agreed DNA Transfer Limit is calculated in accordance with the "Generator Party" formula above, where B equals [insert MW – being: <ul style="list-style-type: none"> a. Before <i>performance standards</i> for the Bi-directional Party's Facility are accepted pursuant to the PS Approval Rules, the amount specified as “B” (for discharge) for the Agreed DNA Transfer Limit in that party's Access Agreement; or b. on and from the date that <i>performance standards</i> for the Bi-directional Party's Facility are accepted pursuant to the PS Approval Rules, the maximum power that the Bi-Directional Party is

Term	Meaning
	<p>permitted to transfer (to discharge) as described in those <i>performance standards</i>]; and</p> <p>b) Charge: the Agreed DNA Transfer Limit is calculated in accordance with the "Customer Party" formula above, where B equals [insert MW – being:</p> <ul style="list-style-type: none"> a. Before <i>performance standards</i> for the Bi-directional Party's Facility are accepted pursuant to the PS Approval Rules, the amount specified as "B" (for charge) for the Agreed DNA Transfer Limit in that party's Access Agreement; or b. on and from the date <i>performance standards</i> for the Bi-directional Party's Facility are accepted pursuant to the PS Approval Rules, the maximum power that the Bi-Directional Party is permitted to transfer (to charge) as described in those <i>performance standards</i>], <p>and for the purpose of Appendix F of this Access Policy, its Agreed DNA Transfer Limit will be the greater of the Agreed DNA Transfer Limits in a) and b) above (where, in respect of calculating the Bi-Directional Party's Agreed DNA Transfer Limit for Charge, C = 0.93).</p>
Applicant	a person who applies to the DNA Owner for the provision of DNA Services in accordance with this Access Policy.
Asset Component	IUSA Component, DNA Component 1 or DNA Component 2, as applicable.
Authority	the Crown, a government minister, a government department, a corporation, or other authority constituted for a public purpose, a holder of an office for a public purpose, a local authority, a court, tribunal, board or any officer or agent of any of these persons (and to avoid doubt, includes the AEMC, the AER and AEMO).
Bi-Directional Party	<p>means:</p> <ul style="list-style-type: none"> (a) a person registered under the Rules as an <i>Integrated Resource Provider</i> for a <i>Bi-Directional Unit</i>; or (b) a person who would have been required under the Rules to be registered as an <i>Integrated Resource Provider</i> for a <i>Bi-Directional Unit</i> if another person had not been appointed (and approved by AEMO) as an <i>intermediary</i> under the Rules for the <i>Bi-Directional Unit</i>.
Boundary Point	see Figure C2 in Appendix C.

Term	Meaning
Business Day	a day, other than a Saturday, Sunday or public holiday, when banks are open for business in Brisbane, Queensland.
Change in Control	in respect of a party, the acquisition by any person or corporation, either alone or together with any associate of a person or corporation, of more than 50% of the issued voting capital of that party or its ultimate holding company.
Charge	the consumption of electricity to convert into stored energy.
Costs	include operating costs, maintenance costs, capital costs (including refurbishments, replacements, renewals and dismantling of assets), and all other costs, charges, expenses and taxes (direct and indirect of whatever kind or character), and including those incurred in connection with advisers and the relevant person's weighted average cost of capital (where applicable).
CPI	means: <ul style="list-style-type: none"> (a) the Quarterly Consumer Price Index: All Groups - Brisbane index number published by the Australian Bureau of Statistics (publication No. 6401.0); or (b) if the index referred to in paragraph (a) ceases to be published, or its basis of assessment is changed such that it no longer accurately reflects changes in the prevailing level of prices substantially in the same manner as it did before the change, the nearest equivalent index as agreed between the parties, or if the parties do not agree, the index nominated by the head of the Australian Bureau of Statistics or its nominee (acting as an expert), whose decision is final and binding.
CPI_{Current}	is the CPI published for the quarter ending immediately prior to the month in which the charge is to be applied.
CPI_{September2024}	is 139.4, being the CPI published for quarter ending September 2024.
Customer Party	means: <ul style="list-style-type: none"> (a) a person registered under the Rules as a <i>Customer</i> and who has classified the relevant <i>connection point</i> as one of its <i>market connection points</i> in accordance with the Rules; or (b) a retail customer of a person referred to in paragraph (a) in respect of the relevant <i>connection point</i>.
Discharge	the conversion of stored energy to produce electricity.

Term	Meaning								
DNA Access Operational Protocol	see Appendix E3.								
DNA Access Process	see item 11 of the Information Details.								
DNA Access Request	a request for DNA Services as set out on Powerlink's webpage Designated Network Assets Powerlink								
DNA Component	either or both of DNA Component 1 and 2 as the context requires.								
DNA Component 1	see Appendix C.								
DNA Component 2	see Appendix C.								
DNA Contingency Event	the loss of the single circuit of DNA Component 1.								
DNA Cut-In Works	has the meaning given in DNA Services under DNA Service 3.								
DNA Owner	see item 2 of the Information Details.								
DNA Services	<p>for the Western Downs DNA, one of more of the following services, but does not include any services in relation to the Shared Transmission Network.</p> <table> <tr> <th>Service</th><th>Description</th></tr> <tr> <td><i>DNA Service 1 (access to DNA)</i></td><td>Providing access to the electrical capability of the Western Downs DNA to transfer <i>active power</i> and <i>reactive power</i> in either direction between a Transmission Network Connection Point and the Boundary Point, up to the Agreed DNA Transfer Limit, in accordance with the DNA Access Operational Protocol (but it does not include the provision of DNA Service 2, DNA Service 3 or DNA Service 4 or a requirement for Powerlink to <i>extend</i> or replicate the Western Downs DNA).</td></tr> <tr> <td><i>DNA Service 2 (DNA Information)</i></td><td>Providing information regarding the Western Downs DNA.</td></tr> <tr> <td><i>DNA Service 3 (DNA Cut-In Works)</i></td><td>Undertaking cut-in-works to the Western Downs DNA being interface works that cut into the Western Downs DNA which may include tower realignment, protection equipment</td></tr> </table>	Service	Description	<i>DNA Service 1 (access to DNA)</i>	Providing access to the electrical capability of the Western Downs DNA to transfer <i>active power</i> and <i>reactive power</i> in either direction between a Transmission Network Connection Point and the Boundary Point, up to the Agreed DNA Transfer Limit, in accordance with the DNA Access Operational Protocol (but it does not include the provision of DNA Service 2, DNA Service 3 or DNA Service 4 or a requirement for Powerlink to <i>extend</i> or replicate the Western Downs DNA).	<i>DNA Service 2 (DNA Information)</i>	Providing information regarding the Western Downs DNA.	<i>DNA Service 3 (DNA Cut-In Works)</i>	Undertaking cut-in-works to the Western Downs DNA being interface works that cut into the Western Downs DNA which may include tower realignment, protection equipment
Service	Description								
<i>DNA Service 1 (access to DNA)</i>	Providing access to the electrical capability of the Western Downs DNA to transfer <i>active power</i> and <i>reactive power</i> in either direction between a Transmission Network Connection Point and the Boundary Point, up to the Agreed DNA Transfer Limit, in accordance with the DNA Access Operational Protocol (but it does not include the provision of DNA Service 2, DNA Service 3 or DNA Service 4 or a requirement for Powerlink to <i>extend</i> or replicate the Western Downs DNA).								
<i>DNA Service 2 (DNA Information)</i>	Providing information regarding the Western Downs DNA.								
<i>DNA Service 3 (DNA Cut-In Works)</i>	Undertaking cut-in-works to the Western Downs DNA being interface works that cut into the Western Downs DNA which may include tower realignment, protection equipment								

Term	Meaning
	<p>requirements and communication requirements.</p> <p>Undertaking upgrades to the existing assets that comprise the Western Downs DNA or increasing the capability of the Western Downs DNA, and:</p> <p>(a) includes all new assets or alterations within DNA Component 1 and DNA Component 2 (other than DNA Cut-In Works) required to be provided by the DNA Owner to connect an Applicant to those Asset Components (existing as at the date the Applicant submits a DNA Access Request to the DNA Owner); and</p> <p>(b) for the avoidance of doubt excludes DNA Cut-In Works.</p>
DNA Transfer Capacity	see Appendix D.
DNA Upgrade or Capacity Increase	the subject matter of DNA Service 4 as described in the definition of DNA Services.
Electricity Laws	the <i>Electricity Act 1994</i> (Qld), the National Electricity Law, the Rules and any other laws and codes that may regulate or govern the generation, transmission, supply or use of electrical energy in Queensland from time to time.
Existing Connected Party	<p>means each of:</p> <p>(a) Foundation Proponent No. 1 and Foundation Proponent No. 2 (for so long as those parties have an Access Agreement); and</p> <p>(b) any other person who has an unconditional contractual commitment under an Access Agreement between that person and Powerlink to pay charges for DNA Services set in accordance with the pricing methodology in this Access Policy. For the purpose of this definition, “pay” includes paying an allocated share in a single payment, via periodic payments or being liable to pay if the Access Agreement terminates (or a combination of any of these).</p>
Facility	the energy generation, load, battery energy storage system or other type of technology for which the Applicant is seeking to obtain connection and access to the Western Downs DNA, or for which an

Term	Meaning
	Existing Connected Party will receive (subject to any relevant conditions of an Access Agreement) or is receiving connection and access to the Western Downs DNA (as applicable).
Foundation Proponent No. 1	means the "Generator" party to the executed Connection and Access Agreement between Powerlink and that Generator for the Wambo Wind Farm Stage 1 dated 22 May 2023.
Foundation Proponent No. 2	means the "Generator" party to the executed Connection and Access Agreement between Powerlink and that Generator for the Wambo Wind Farm Stage 2 dated 9 October 2024.
Foundation Proponents	Foundation Proponent No. 1 and Foundation Proponent No. 2.
Generator Party	means: <ul style="list-style-type: none"> (a) a person registered under the Rules as a <i>Generator</i> for a <i>generating system</i>; or (b) a person who would have been required under the Rules to be registered as a <i>Generator</i> for a <i>generating system</i> if another person had not been appointed (and approved by AEMO) as an <i>intermediary</i> under the Rules for the <i>generating system</i>.
Government Owned Corporation	means: <ul style="list-style-type: none"> (a) an entity meeting the definition given to that term in the <i>Government Owned Corporations Act 1993</i> (Qld); and (b) an entity wholly owned by an entity defined in (a) above.
Green Rights	means each of: <ul style="list-style-type: none"> (a) large scale generation certificates under the <i>Renewable Energy (Electricity) Act 2000</i> (Cth); and (b) any other rights, credits, certificates, incentives, concessions and benefits created, recognised or available by or under any statutes, regulations, by-laws, ordinances, subordinate legislation or voluntary schemes, which relate to wind energy, renewable energy, emissions trading, limiting or reducing greenhouse gas emissions, or promoting energy generation or storage capacity.
Information Details	see the Information Details in clause 1.
IUSA Component	see Appendix C.
Key Terms	see item 9 of the Information Details.
Limitations	see the limitations referred to in items 7 and 8 of the Information Details.

Term	Meaning
National Electricity Law	the National Electricity (Queensland) Law as defined in the <i>Electricity - National Scheme (Queensland) Act 1997</i> (Qld).
Network Limitations	<p>the following limitations:</p> <ul style="list-style-type: none"> (a) the Shared Transmission Network is subject to an ‘open access’ connection and access regime; (b) the behaviour of the Shared Transmission Network is dynamic and real time in function and depends on many matters including: <ul style="list-style-type: none"> i. network state and condition; ii. the types of plant and equipment, and interaction of all plant and equipment, connected (directly or indirectly) to it; and iii. the operation, by other persons, of that plant and equipment connected (directly or indirectly) to it; (c) receipt of a DNA Service does not give an Applicant or Existing Connected Party any property rights or firm access rights, or any entitlement to compensation in relation to any such rights, to any assets, capacity or capability in or over the Shared Transmission Network; (d) the nature of any <i>entry service</i> or <i>exit service</i> agreed by an Existing Connected Party (or Applicant) with the Primary TNSP under a <i>connection agreement</i>, including any limitations on those services; (e) any network operating requirements of the Primary TNSP or AEMO.
Notice	see clause 8.1.
Powerlink	Queensland Electricity Transmission Corporation Limited ABN 82 078 849 233, trading as Powerlink, in its capacity as DNA Owner and Primary TNSP.
Pricing Methodology	see item 10 of the Information Details.
Primary TNSP	Queensland Electricity Transmission Corporation Limited ABN 82 078 849 233, trading as Powerlink, in its capacity as the <i>Primary Transmission Network Service Provider</i> in Queensland.
Priority Order	means, subject to clause 3.3, the Existing Connected Parties listed in time order based on date of their respective executed Access Agreement to the Western Downs DNA (based on the original date of execution of that Access Agreement for the relevant DNA Services), with earlier parties having priority to later parties.
PS Approval Rules	the provisions of the Rules providing for AEMO and/or a <i>Network Service Provider</i> to accept or reject a <i>performance standard</i> .

Term	Meaning
Rules	the rules called the National Electricity Rules made under the National Electricity Law.
Shared Transmission Network	the <i>transmission network</i> in Queensland owned and/or operated by the Primary TNSP, excluding the Western Downs DNA.
Shareholding Ministers	where an Applicant or DNA Owner (as applicable) is a Government Owned Corporation, the shareholding ministers of the that party for the purposes of section 78 of the <i>Government Owned Corporations Act 1993</i> (Qld).
Transfer Limit_{Applicant}	is the Applicant's Agreed DNA Transfer Limit in MVA.
Transmission Network Connection Point (TNCP)	(a) for each Existing Connected Party, see Figure C3 in Appendix C; and (b) for an Applicant, the proposed <i>transmission network connection point</i> for its Facility.
Western Downs DNA	the <i>designated network asset</i> described in items 1, 3, 4, 5 and 6 of the Information Details.
Western Downs DNA Confidential Information	any information, data, documents or other material that is directly supplied or provided to, or acquired or received directly by, an Applicant or DNA Owner (each a Relevant Person) from another Relevant Person (or from the AER or a <i>commercial arbitrator</i> under rule 5.5 of the Rules) pursuant to, under, in relation to or in connection with the application, implementation, operation, management and administration of this Access Policy (including in relation to the performance of a party's obligations under this Access Policy, the condition or operation of the other party's assets, or the resolution of a dispute under clause 6).

APPENDIX A – Description of Route of Western Downs DNA

As at the AER Approval Date – see below – and after that date as updated from time to time and set out on Powerlink’s Western Downs DNA webpage www.powerlink.com.au/dna-westerndowns.

Figure A1 – Halys Substation to Diamondy Switching Station



APPENDIX B –Tenure Arrangements for the Western Downs DNA

Main components of Western Downs DNA and tenure arrangements

Table B1 – Main components of Western Downs DNA and tenure

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

Refer to schematic of the connection configuration for the Western Downs DNA at Appendix C1.1.

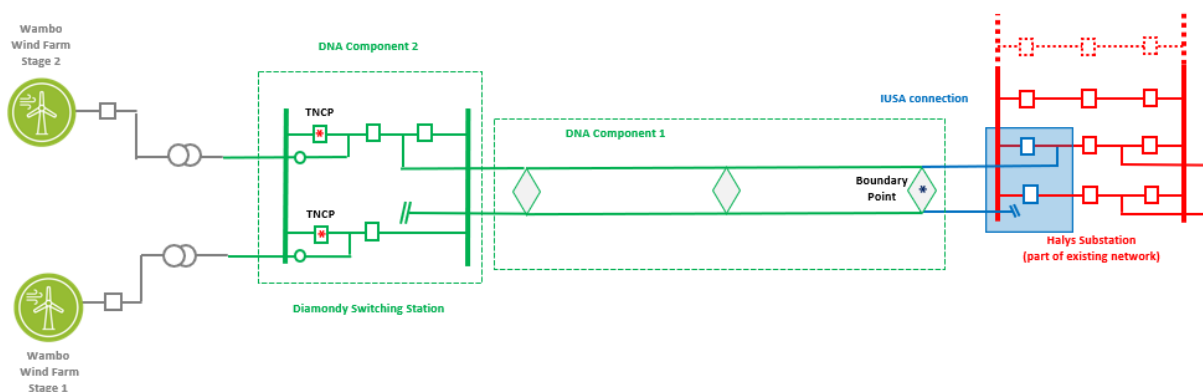
APPENDIX C – Description of main components of Western Downs DNA

As at the AER Approval Date – see below – and after that date as updated from time to time and set out on Powerlink’s Western Downs DNA webpage www.powerlink.com.au/dna-westerndowns.

C1 Details of Western Downs DNA Transfer Capacity for DNA Service 1

- C1.1 Current details of the Western Downs DNA Transfer Capacity is available at Powerlink’s Western Downs DNA webpage www.powerlink.com.au/dna-westerndowns. The webpage also lists the capacity of *generating systems*, *integrated resource systems* and *load* facilities for Existing Connected Parties or parties with a grant of conditional access in relation to the Western Downs DNA.
- C1.2 Note the DNA Transfer Capacity is subject to Network Limitations that will impact and affect the *power transfer capability* of the Western Downs DNA. Refer to Appendix D1.

C2 Schematic of the connection configuration for the Western Downs DNA and associated assets as at AER Approval Date



Note: The blue shaded area represents the IUSA Component at Halys Substation used to provide *negotiated transmission services* and does not form part of the Western Downs DNA, but is inherently required in order to connect the Western Downs DNA to the transmission network and is noted in Appendix F of this Access Policy in order for Applicants to have full transparency on costs of access and connection.

Detailed diagrams of the main components of the Western Downs DNA and associated assets are available at Powerlink’s Western Downs DNA webpage www.powerlink.com.au/dna-westerndowns.

C3 Main components of the Western Downs DNA and associated assets as at AER Approval date

Table C3 – Main components of Western Downs DNA

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

APPENDIX D – Limitations relating to the Western Downs DNA

D1 Network Limitations

- D1.1 The DNA Owner, in its capacity as owner of the Western Downs DNA, has no responsibility and can give no guarantees about *power transfer capability* from the Boundary Point, as these matters are subject to Network Limitations and are beyond the control of the DNA Owner.

D2 Limitations of the Western Downs DNA Transfer Capacity (Component Limitations) – DNA Service 4

- D2.1 This section identifies the key component limitation of the Western Downs DNA that would provide an increase in the DNA Transfer Capacity if upgraded as relates to DNA Service 4, and as at the AER Approval Date.
- D2.2 Table D2 describes the limiting Western Downs DNA component/s constraining the DNA Transfer Capacity. The DNA's capability to transfer electricity will also be subject to the technical envelope of operation of the Western Downs DNA as operated and maintained by the Primary TNSP. The DNA Access Operational Protocol will describe these operational factors including voltage limits, stability limits and other relevant reliability/dynamic limits. Current information is available at Powerlink's Western Downs DNA webpage www.powerlink.com.au/dna-westerndowns.

Table D2 – DNA Component Transfer Limitations

No	Description (collectively "Component Limitations")	DNA Transfer Capacity	DNA Transfer Capacity following upgrade
1	The Western Downs DNA is limited by DNA Component 1 which is configured as a single circuit.	<p>With the single circuit in service: 750 MVA.¹</p> <p>During a DNA Contingency Event, 0 MVA.</p>	<p>Upgrade by cutting in the second circuit of the double circuit feeder. Following this upgrade, the DNA Transfer Capacity with both circuits in service is: 1650 MVA.¹</p> <p>During a DNA Contingency Event 750 MVA.¹</p>

¹ Subject to the operating envelope specified in the Western Downs DNA Access Operational Protocol.

D3 Limitations relating to the future development of the Western Downs DNA, including environmental, planning, tenure or other similar limitations (Other DNA Limitations)

Table D3 describes the general planning and tenure considerations of future development for the Western Downs DNA. The specific circumstances of an Applicant's Facility and proposed connection will govern the applicability of each of these limitations.

Table D3 – Other potential planning and tenure Limitations

Limitation	Description
Upgrade to existing Western Downs DNA assets subject to being able to obtain planning and environmental approvals	<p>Including without limitation:</p> <ul style="list-style-type: none"> • Development permit – MCU and Operational Works (Clearing Native Vegetation) under the <i>Planning Act 2016</i> (Qld) (Development Permit); • Minor change to Development Permit associated with updated design post issuing of the Development Permit (may include new relevant purpose determination); • <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth) (EPBC Act) Approval; • Approved Offset Management Plan (for all significant residual impacts) under EPBC Act and Queensland Environmental Offsets Policy; • Protected Plants Permit and/or Flora Survey Report and Exempt Clearing Notification; • Approved High-Risk Species Management Programs for all relevant species under the <i>Nature Conservation Act 1992</i> (Qld); • Development Permit Condition Requirements: <ul style="list-style-type: none"> ○ Bushfire Management Plan (for Wind Farms, Halys Substation and Diamondy Switching Station); ○ Vegetation and Fauna Management Plan (submitted to SARA); ○ Safety and Emergency Management Plan (Construction and Operation) (submitted to SARA); ○ Construction Environmental Management Plan (submitted to SARA); ○ Complaint Investigation and Response Plan (submitted to SARA); and ○ Complaint Summary Report (submitted to SARA); • Permit to occupy or use state land (e.g. unallocated state land, road, reserves, etc); • Approval/permit for crossing easements such as Ergon Energy, Essential Energy, Telstra, NBN Co., water pipelines, etc.; • Wayleave approval from Queensland Rail for interface with railway land; • Any approvals that may arise under the <i>Energy (Renewable Transformation and Jobs) Act 2024</i> (Qld); and • Any requirement to negotiate new easements or amendments to existing easements.

Limitation	Description
<p>Upgrade to existing Western Downs DNA assets subject to satisfying design requirements as identified on Powerlink's website: www.powerlink.com.au/dna-westerndowns</p>	<p>Including without limitation:</p> <ul style="list-style-type: none"> • Substation Asset Methodology; • Substation Ratings – Specification; • Network Configuration document – Selection for New Substations; • Substation High Level Design Criteria; • Equipment Strategy for Auxiliary Transformers – Strategy; • Equipment Strategy for Post Type High Voltage Current Transformers and Metering Units; • Equipment Strategy For High Voltage Disconnectors and Earthing Switches; • Equipment Strategy for High Voltage Circuit Breakers; • Equipment Strategy for Stand By Diesel Generators – Strategy; • Equipment Strategy For Earthing Transformers – Strategy; • Equipment Strategy for DC Power Supplies – Strategy; • Equipment Strategy For Substation High Voltage Surge Arresters; • Equipment Strategy for Voltage Transformers – Strategy; • Transmission Line Asset Methodology Framework; • HV Underground Cable Asset Methodology – Framework; • Transmission Lines High Level Structural Design Criteria Guideline; and • Transmission Lines High Level Electrical Design Criteria Guideline.

APPENDIX E – Key terms which apply to the provision of DNA Services

E1 No firm or financial access rights

The Applicant acknowledges and agrees that:

- E1.1 subject to the application of clause 5.2A.8 and Schedule 5.12 of the Rules (and any other express provision in this Access Policy), this Access Policy does not give the Applicant any firm or financial access rights of any kind (or any entitlement to compensation in relation to any such rights) to any assets, capacity or capability in or over the Western Downs DNA;
- E1.2 the operation of the Western Downs DNA depends on the interaction of all plant and equipment connected (directly or indirectly) to it; and
- E1.3 other persons whose plant and equipment is connected (directly or indirectly) to the Western Downs DNA can impact the operation, performance and outcomes of the Western Downs DNA and the provision of DNA Services in relation to the Western Downs DNA.

E2 Access Agreement

- E2.1 The Applicant acknowledges and agrees that the provision of DNA Services is subject to:
 - (a) the Applicant and the DNA Owner negotiating and agreeing the terms of an Access Agreement;
 - (b) the Applicant and the DNA Owner executing the agreed form of Access Agreement; and
 - (c) any relevant conditions in the Access Agreement required to be met prior to the provision of DNA Services, being met or waived in accordance with the Access Agreement.
- E2.2 Where an Existing Connecting Party's rights (which must include its rights to receive DNA Services) and obligations under the Existing Connecting Party's Access Agreement are assigned, novated or transferred to another person, the Existing Connecting Party's right to its position in the Priority Order to receive those DNA Services is also transferred to the other person, with effect on and from the same time.

E3 DNA Access Operational Protocol

- E3.1 The DNA Owner will maintain a separate DNA Access Operational Protocol for the life of the DNA, which may be implemented and updated from time to time by the DNA Owner, in each case with the consent of the Existing Connected Parties (not to be unreasonably withheld), and will be published on the DNA Owner's website.
- E3.2 The DNA Access Operational Protocol will:
 - (a) (**agreement**) be in a form agreed between the DNA Owner, Primary TNSP and all Existing Connected Parties (from time to time), acting reasonably, and provided that nothing in this paragraph E3 requires the Foundation Proponents to agree to the initial DNA Access Operational Protocol or any changes to the DNA Access Operational Protocol which they consider would adversely affect

- their rights or obligations under, or which would be inconsistent with, the arrangements described in their Access Agreement (including any *performance standards*);
- (b) **(operation)** provide the technical envelope of operation of the Western Downs DNA to be operated and maintained by the Primary TNSP;
 - (c) **(priority)** in normal operating conditions, provide for Existing Connected Parties to utilise DNA Service 1 in the Priority Order (including, where necessary, to reduce the use of DNA Service 1 by those Existing Connected Parties who are lower in the Priority Order);
 - (d) **(contingency events)** in a DNA Contingency Event, provide for Existing Connected Parties to have their use of DNA Service 1 suspended or reduced;
 - (e) **(operational schemes)** provide for the Primary TNSP to implement a run-back scheme and congestion management scheme to give effect to E3.2(b) to E3.2(d) above;
 - (f) **(Electricity Laws)** be 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; and
 - (g) **(other)** provide for other operational matters relating to the Western Downs DNA as required from time to time.

E4 Other key terms

The connection of the Applicant to the Western Downs DNA and access to DNA Services must not:

- E4.1 adversely affect contractual rights and obligations of an Existing Connected Party to the Western Downs DNA with the DNA Owner;
- E4.2 result in the Applicant becoming the owner of any part of the Western Downs DNA asset or upgrade of that asset without the consent of the DNA Owner;
- E4.3 require an Existing Connected Party or the DNA Owner to bear all or some of the Costs of an upgrade of the Western Downs DNA or maintaining an upgrade;
- E4.4 require an Existing Connected Party to the Western Downs DNA to bear all or some of the Costs of a *connection* to the Western Downs DNA or maintaining a *connection*; or
- E4.5 require the DNA Owner to extend or replicate the Western Downs DNA.

APPENDIX F – Pricing Methodology

F1 Price for DNA Services to Foundation Proponents

F1.1 The price for all DNA Services provided to the Foundation Proponents has been calculated and determined by negotiation and agreement between the Foundation Proponents and the DNA Owner. The price for each Foundation Proponent is set out in the Access Agreement between the relevant Foundation Proponent and the DNA Owner.

F2 IUSA Component 1 and DNA Service 1 (access to the DNA)

F2.1 The pricing methodology for provision of DNA Service 1 for Applicants is specified by the Asset Components forming the Western Downs DNA as set out in Table F1.1, below, and further described in this Appendix F.

F2.2 The IUSA Component, while not a part of the Western Downs DNA and required to be included in this Access Policy, is inherently required in order to connect the Western Downs DNA to the *transmission network*. This paragraph F2.2 and reference to the IUSA Component is included in order for Applicants to have full transparency on costs of access and connection. An Applicant for DNA Service 1 will be required to also pay for the IUSA Component in accordance with Schedule 5.11 of the Rules (administered by the Primary TNSP separate to this Access Policy).

Table F1.1 – DNA Basis of Calculation Method by Asset Component

Asset Component	Paid for by	Basis of Calculation Method	See Further
DNA Component 1 and DNA Component 2	All Applicants	\$/MVA of Agreed DNA Transfer Limit	F2.5

Access to DNA Service 1 relating to DNA Transfer Capacity to Applicants

F2.3 If the Applicant's Facility connects to:

- (a) *DNA Component 2* – then the applicable Asset Components are the whole of the following – DNA Component 2, DNA Component 1 and IUSA Component, and those assets are the subject of DNA Services (in the case of DNA Component 1 and 2) and prices in accordance with this Access Policy and the Rules (for the IUSA Component); and
- (b) *DNA Component 1* – then the applicable Asset Components are the whole of the following – DNA Component 1 and the IUSA Component, and those assets are the subject of DNA Services (in the case of DNA Component 1) and prices in accordance with this Access Policy and the Rules (for the IUSA Component).

F2.4 The price for the provision of DNA Service 1 relating to DNA Transfer Capacity to an Applicant is determined as the applicable amount calculated in accordance with paragraph F2.5.

DNA Component 1 and DNA Component 2

F2.5 The monthly price for DNA Services relating to all or any part of DNA Component 1 and DNA Component 2 (in aggregate) for an Applicant is calculated as follows:

$$\frac{\text{DNA Rate}_{\text{September_2024}}}{12} \times \text{Transfer Limit}_{\text{Applicant}} \times \left(\frac{\text{CPI}_{\text{Current}}}{\text{CPI}_{\text{September_2024}}} \right),$$

where:

DNA Rate_{September_2024} is the annual price \$20,500²/MVA as at September 2024

Pricing approach based on term of access

F2.6 Where the term of provision of DNA Service 1 sought by an Applicant ends:

- (a) on or before 35 years from the AER Approval Date – the price for access to DNA Service 1 will be determined in accordance with paragraphs F2.3 to F2.5; or
- (b) after 35 years from the AER Approval Date – the DNA Owner will determine the price for access to DNA Service 1 applicable to the Applicant, in accordance with all applicable laws, and having regard to:
 - (i) costs that have been incurred, including any costs previously incurred by the DNA Owner in respect of the provision of DNA Services and not otherwise recovered from other Existing Connected Parties, and costs which the DNA owner expects it will need to incur to continue to provide DNA services over the relevant period, and
 - (ii) the expected level of utilisation of DNA Service 1 by the Applicant and all other Existing Connected Parties over the relevant period.

F2.7 The DNA Owner may in its discretion discount the price that it charges an Applicant for access to DNA Service 1.

F3 DNA Service 2 (DNA Information)

F3.1 The Applicant making a DNA Access Request must pay to the DNA Owner the DNA Access Request Fee in accordance with the DNA-related fees, terms and conditions on Powerlink's webpage [Designated Network Assets | Powerlink](#). In this paragraph F3, the following capitalised terms have the meanings given to them on such webpage: "DNA Access Request", "DNA Access Request Fee", "DNA Services Application Fee" and "DNA Access Application to Connect".

F3.2 The Applicant making a DNA Access Application to Connect must pay to the DNA Owner the DNA Services Application Fee in accordance with the Western Downs DNA-related fees, terms and conditions on Powerlink's webpage [Designated Network Assets | Powerlink](#).

F3.3 The applicable amounts for the DNA Access Request Fee and DNA Services Application Fee are provided Powerlink's webpage [Designated Network Assets | Powerlink](#).

² This price includes the capital costs and operational and maintenance costs of the Western Downs DNA. Operations and maintenance is provided by the Primary TNSP as a *negotiated transmission service*.

F4 DNA Service 3 (DNA Cut-In Works)

- F4.1 Where DNA Cut-In Works are required to the existing Western Downs DNA for an Applicant seeking connection to and access to the DNA Services, the price for DNA Service 3 will be determined applying:
- (a) the full amount of the Cost of those works, plus
 - (b) the DNA Owner's reasonable estimate of:
 - (i) any lost revenue incurred by the DNA Owner or any Existing Connected Party during any outage or service disruption that is necessary for the upgrade of, or alteration to the existing Western Downs DNA, including the moving of metering and other related equipment, related to the DNA Cut-In Works; plus
 - (ii) any increase in Costs incurred by the DNA Owner as caused by the Applicant's connection to the Western Downs DNA.
- F4.2 The DNA Owner will determine an Applicant-specific price (in the form of an annual charge, unless otherwise agreed between the Applicant and the DNA Owner) for the provision of DNA Service 3 to recover the Costs and other amounts determined according to paragraphs F4.1(a) and F4.1(b). For paragraph F4.1(b)(i), subsequent to the Applicant connecting to the Western Downs DNA, the DNA Owner will determine a reasonable estimate of the actual amount of lost revenue, for each affected Existing Connected Party, having regard to the actual quantity and value of dispatched energy, energy storage, ancillary services or Green Rights foregone during the upgrade or alteration period of any outage or disruption to the provision of DNA Services caused by the DNA Cut-In Works. This reasonable estimate will become the amount payable under the Applicant's Access Agreement.
- F4.3 An indication of the likely price for the provision of DNA Service 3 cannot reliably be estimated as it depends on the type of works, Costs and revenues which are specific to each Applicant and to any affected Existing Connected Party.
- (a) These matters will be negotiated and agreed between the DNA Owner and any affected Existing Connected Party and the DNA Owner and the Applicant during the DNA Access Process.
 - (b) If requested by the DNA Owner, an affected Existing Connected Party must:
 - (i) provide reasonable co-operation and assistance to the DNA Owner to calculate and determine any such costs and revenues affecting that Existing Connected Party;
 - (ii) provide reasonable information, details and substantiation of any such cost and revenue impacts; and
 - (iii) act reasonably and in good faith in relation to paragraphs (i) and (ii) above.

F5 DNA Service 4 (DNA Upgrades or Capacity Increases)

- F5.1 For a DNA Upgrade or Capacity Increase required by an Applicant seeking connection to and access to the services of the Western Downs DNA, the price for DNA Service 4 will be determined applying:

- (a) the full amount of the Costs incurred by the DNA Owner for any expansion, alteration, upgrade or increase in capacity or enhancement to the capacity of the Western Downs DNA plus
- (b) the DNA Owner's reasonable estimate of:
 - (i) any lost revenue incurred by the DNA Owner or any Existing Connected Party during any outage or service disruption that is necessary for the upgrade of, or alteration to the existing Western Downs DNA, including the moving of metering and other related equipment, related to the DNA Upgrade or Capacity Increase; plus
 - (ii) any increase in Costs incurred by the DNA Owner as caused by the Applicant's connection to the Western Downs DNA.

F5.2 The DNA Owner will determine an Applicant-specific price (in the form of an annual charge, unless otherwise agreed with the DNA Owner) for the provision of DNA Service 4 to recover the Costs and other amounts determined according to paragraphs F5.1(a) and F5.1(b). For paragraph F5.1(b)(i), subsequent to the Applicant connecting to the Western Downs DNA, the DNA Owner will determine a reasonable estimate of the actual amount of lost revenue, for each affected Existing Connected Party, having regard to the actual quantity and value of dispatched energy, energy storage, ancillary services or Green Rights foregone during the period of any outage or disruption to the provision of DNA Services caused by the DNA Upgrade or Capacity Increase. This reasonable estimate will become the amount payable under the Applicant's Access Agreement.

F5.3 An indication of the likely price for the provision of DNA Service 4 cannot reliably be estimated as it depends on type of works, Costs and revenues which are specific to each Applicant and to any affected Existing Connected Party.

- (a) These matters will be negotiated and agreed between the DNA Owner and any affected Existing Connected Party and the DNA Owner and the Applicant during the DNA Access Process.
- (b) If requested by the DNA Owner, an affected Existing Connected Party must:
 - (i) provide reasonable co-operation and assistance to the DNA Owner to calculate and determine any such costs and revenues affecting that Existing Connected Party;
 - (ii) provide reasonable information, details and substantiation of any such cost and revenue impacts; and
 - (iii) act reasonably and in good faith in relation to paragraphs (i) and (ii) above.

F6 DNA Owner to consider Standalone and Avoidable Cost

F6.1 If the DNA Owner determines that the price for the provision of DNA Services over the term of the proposed Access Agreement, as calculated in accordance with paragraphs F1 to F5, is greater than the DNA Owner's reasonable estimate of the stand-alone cost of providing the DNA Services to the Applicant, then the DNA Owner must determine a price for the provision of the DNA Services that is not more than the DNA Owner's reasonable estimate of avoided cost, where:

- (a) avoided cost is determined according to Schedule 5.12, paragraph (1) of the Rules; and

- (b) the stand-alone cost is the DNA Owner's reasonable estimate of Costs that would be incurred to replicate or bypass the infrastructure used to provide the DNA Service sought by the Applicant, connecting to the Shared Transmission Network at a DNA standard of service.

F6.2 If, prior to the date of an Access Agreement, the DNA Owner determines that the price for the provision of access to DNA Services over the term of the proposed Access Agreement, as calculated in accordance with paragraphs F1 to F5, is less than the DNA Owner's reasonable estimate of the avoided cost of providing access to the Applicant, as determined in accordance with paragraph F6.1(a), then the DNA Owner must determine a price for the provision of this access that is not less than that estimate of avoided cost.

APPENDIX G – DNA Access Process

Note: this access process is specific to the Western Downs DNA and does not encompass requirements under the parallel Chapter 5 of the Rules process for an Applicant to *connect*.

Table G1 – DNA Access Process

Step No.	Description	Applicant Document	Indicative Timeframe
1.	Initial DNA Owner discussion – Applicant advises desired plant capacity, location and timing.		X
2.	DNA Owner undertakes fatal flaws assessment and reviews hosting capacity (excludes upstream network constraints), then advises Applicant.		X + 2 weeks
3.	Applicant submits DNA Access Request to DNA Owner – includes nominating Agreed DNA Transfer Limit in request.	DNA Access Request Form	Y
4.	DNA Owner notifies Existing Connected Parties of DNA Access Request.		
5.	DNA Owner provides Applicant with Access Request Report, providing a range of access fees, including estimates of avoided cost, standalone cost of alternative connection, and indicative range of pricing based on requested access parameters.		Y + 12 weeks
6.	Applicant submits DNA Services Application.	DNA Services Application	Z
7.	DNA Owner notifies Existing Connected Parties of DNA Services Application.		
8.	DNA Owner develops final pricing for Applicant's DNA Services.		
9.	DNA Owner and Applicant negotiate Access Agreement (with terms sufficient for the Applicant to become an Existing Connected Party), and any works agreement (if separate to the Access Agreement) (Applicant Contract Documents).		
10.	DNA Owner prepares any relevant updates required to the Access Policy.		

Step No.	Description	Applicant Document	Indicative Timeframe
11.	DNA Owner provides offer to Applicant for DNA Services.		Z + 20 weeks
12.	If Applicant accepts the DNA access offer, the Applicant Contract Documents are executed. Other than for the relevant works, the Applicant Contract Documents are conditional on the works being completed.		
13.	DNA Owner progresses AER approval (if required) of any required updates to the Access Policy.		
14.	DNA Owner conducts relevant works to give access to the Applicant, and coordinates with Existing Connected Parties via their Access Agreements, including in respect of any required outages.		
15.	Applicant is given access to the Western Downs DNA and the Applicant Contract Documents become effective (to the extent they were conditional).		

APPENDIX H – Negotiating Principles for DNA Services

Note: This Appendix H sets out the principles in Schedule 5.12 of the Rules as at the AER Approval Date.

References to 'existing connecting party' in this Appendix H means a person who has a *connection agreement* in respect of a *designated network asset* and who may also be the owner of the *designated network asset*.

1. Subject to principle 2, the price for a *DNA service* should be at least equal to the reasonable estimate of avoided cost of providing it but no more than the reasonable estimate of cost of providing it on a stand-alone basis. Avoided costs may include, without limitation, the following costs that would be incurred by the existing *connected party* and the owner of the *designated network asset*:
 - a. capital costs incurred by the owner of the *designated network asset* for the increase in the capacity or alteration to, that existing *designated network asset* including the moving of metering and other related equipment, to provide the *DNA service*;
 - b. any lost revenue incurred by the owner of the *designated network asset* or existing connected party during an upgrade of, or alteration to the existing *designated network asset*;
 - c. any changes in revenue incurred by the existing connected party resulting from changes to its *marginal loss factor* caused by the subsequent *connection* to the *designated network asset*;
 - d. any increase in operation and maintenance costs incurred by the owner of the *designated network asset* caused by the subsequent *connection* to the *designated network asset*; and
 - e. increase in the costs of any charges for *use of system services* incurred by the existing connected party caused by the subsequent *connection* to the *designated network asset*.
2. If the avoided cost of providing a *DNA service* is greater than the cost of providing that service on a stand-alone basis, the price for the *DNA service* may be less, but must be no more, than the avoided cost.

Note:

As avoided costs includes revenue losses, there may be scenarios where the avoided cost of providing the *DNA service* is higher than the stand-alone costs of constructing new assets to provide that *DNA service*.

3. The price for a *DNA service* should be such as to enable the owner of the *designated network asset* to recover the efficient costs of complying with all *regulatory obligations or requirements* associated with the provision of the *DNA service*.
4. The *connection* of an applicant to an existing *designated network asset* and access to *DNA services* must not adversely affect contractual rights and obligations of an existing connected party to the *designated network asset* with the relevant owner of a *designated network asset*.
5. The *connection* of an applicant to a *designated network asset* and access to *DNA services*

must not:

- a. result in the applicant becoming the owner of any part of the existing *designated network asset* or upgrade of that asset without the consent of the existing owner;
- b. require an existing connected party or the owner of the *designated network asset* to bear all or some of the costs of an upgrade of the *designated network asset* or maintaining an upgrade;
- c. require an existing connected party to the *designated network asset* to bear all or some of the costs of a *connection* to the *designated network asset* or maintaining a *connection*; or
- d. require the owner of a *designated network asset* to extend or replicate the *designated network asset*.