Powerlink Queensland

Non-network solution pro forma

Addressing system strength requirements in Queensland from December 2025

June 2023

1. Pro forma purpose

The purpose of this pro forma is to assist proponents of non-network solutions in the preparation and development of submission material in response to Powerlink Queensland's (Powerlink) Regulatory Investment Test for Transmission (RIT-T) consultation process.

The pro forma is optional and should be developed based on the information provided in Powerlink's Project Specification Consultation Report (PSCR) – Addressing system strength requirements in Queensland from December 2025, which was published in March 2023.

If parties prefer, they may request to meet with Powerlink ahead of providing a written response to aid in the development of submissions.

2. Non-network solution pro forma

Please note if response to item is unknown or not applicable.

Contact details	
Company	
ABN	
Contact details	Name: Phone: e-mail:
Details of proposed non-network solution	
Proposed plant	
Location	
Non-network solution status (planned/committed/under construction/existing) and project timings (if applicable)	
Technical details	
Type of technology (e.g. existing synchronous machine / hybrid unit conversion / synchronous condenser / grid-forming BESS / other)	
MVAh capability (if applicable)	
Point of connection	
Connection voltage and configuration	
Fault current contribution at point of connection	
Inertia contribution, Inertia constant H	

Inverter size (if applicable)	
Plant overload capability	
Number of units	
MW/MVA capability (if applicable)	
Required minimum MW/MVA output (if applicable)	
Reactive power capability	
Proposed basis of contract[1]	
Annual and daily availability/unavailability	
Start-up time from initiation (if applicable)	
Maintenance periods/durations over contract term	
Service start date	
Contracting term options (e.g. 1/3/5/10years etc)	
Capital cost	
External contributions	
Indicative annual availability charge and hourly run charge	
Response time and duration for grid disturbances (time until response commences, time until response stops)	

[1] In the event that a non-network option appears to be a genuine and practicable alternative that could satisfy the RIT-T, Powerlink will engage with that proponent or proponents to clarify cost inputs and commercial terms.

3. Lodging a submission with Powerlink

Powerlink is seeking written submissions on the PSCR on or before Friday, 21 July 2023.

Please address submissions to:

Nathaniel Dunnett
Manager Portfolio Planning and Optimisation
Powerlink Queensland
PO Box 1193
VIRGINIA QLD 4014

Tel: (07) 3860 2111

Email submissions to: networkassessments@powerlink.com.au

Subsequent to the lodgement of submissions, Powerlink will continue to work with proponents of non-network solutions to further inform the technical and economic analysis required to identify the proposed preferred option that satisfies the requirements of the RIT-T and published in the Project Assessment Draft Report.

Contact us

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Social media	