

# NOTICE OF CONSULTATION

## AUGMENTING THE TRANSMISSION NETWORK TO ENABLE RENEWABLE HYDROGEN PRODUCTION AT GIBSON ISLAND

### 1 Purpose of Notice

In accordance with the requirements of the criteria and procedures set out in Sections 5.18 and 8.9 of the National Electricity Rules (the Rules), this Notice is to inform the Australian Energy Market Operator (AEMO), Registered Participants and interested parties (Consulted Persons) that Powerlink Queensland (Powerlink) is requesting submissions on the proposed augmentation works to enable the anticipated production of renewable hydrogen at Gibson Island. As the proposed augmentation works are funded by the project proponent, Fortescue Future Industries, this project is classified as a funded augmentation under the Rules<sup>1</sup>.

### 2 Description and technical details of the proposed funded augmentation

Connection to Powerlink's transmission network by means of a network augmentation is required to allow electricity produced by renewable generation to power a proposed project at Gibson Island. The proposed project may include a new approximately 500MW hydrogen electrolysis facility to produce renewable hydrogen.

The proposed scope of works for the augmentation to enable renewable hydrogen production at Gibson Island includes:

- construction of approximately 3km of double circuit 275kV overhead transmission line
- 2 x 275kV bay works at Powerlink's Murarrie Substation
- establishment of a two-breaker switchyard at Gibson Island
- associated protection, control and communication works at Gibson Island Substation including remote ends.

The proposed augmentation maintains Powerlink's existing compliance obligations under the Rules in relation to other Transmission Network Users and will not result in a material inter-network impact.

Works are expected to commence in Quarter 3 2023 with completion by February 2025.

### 3 Matter for consultation

The matter for consultation is to call for submissions in relation to the scope of works for the proposed funded augmentation of Powerlink's transmission network.

Further project details, including a discussion on the range of benefits anticipated as a result of the development of Gibson Island, are provided in the Consultation Paper published with this Notice and also made available on [Powerlink's website](#).

### 4 Invitation to make submissions

Submissions should be presented in a written form and clearly identify the author of the submission, including contact details for subsequent follow up.

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<sup>1</sup> As defined in Chapter 10 of the Rules.

As submissions will be made public and published on Powerlink’s website, any commercially sensitive material, or material that the party making the submission does not want to be made public, should be clearly identified.

Consulted persons, as part of their submissions, may also request a meeting with Powerlink to discuss the matter under consultation. Powerlink may also publish details of the matters discussed as a result of meeting with Consulted Persons.

Submissions close at 5pm on Friday, 10 March 2023.

Please address submissions to:

Nathaniel Dunnett  
Manager Portfolio Planning and Optimisation  
Powerlink Queensland  
PO Box 1193  
VIRGINIA QLD 4014  
Tel: (07) 3860 2111

Submissions can be emailed to: [networkassessments@powerlink.com.au](mailto:networkassessments@powerlink.com.au)

Please note that Powerlink is not obliged to consider submissions received after the closing date.

#### 4.1 Consultation process

The consultation process and anticipated timeframes are outlined in Table 1.

Table 1: Consultation process and timeframe

Consultation process	Date
Publication of notice of consultation	6 February 2023
Closing date for submissions in response to this notice and consultation paper	10 March 2023
Publication of draft report	April 2023
Publication of final report	June 2023

Powerlink reserves the right to amend the timetable at any time.