



# Connection Application Guide

An overview of the connection application stage of connecting to the Queensland transmission network



## About this document

Whether you are a new or existing generator, storage provider, major load, or another Network Service Provider, Powerlink is here to help the market navigate the connection process to the Queensland transmission network.

All proponents and Transmission Network Service Providers (TNSPs) must comply with the relevant Chapter 5 National Electricity Rules (NER) requirements for Connection Enquiry, Connection Application and negotiation of a Connection and Access Agreement (CAA) and an Offer to Connect. We will work with you to specify and comply with the required technical standards, involving the Australian Energy Market Operator (AEMO) as needed. We offer prescribed (regulated), negotiated, and non-regulated transmission services, depending on the project scope and needs.

This document is designed to help customers understand what is involved during the Connection Application stage.

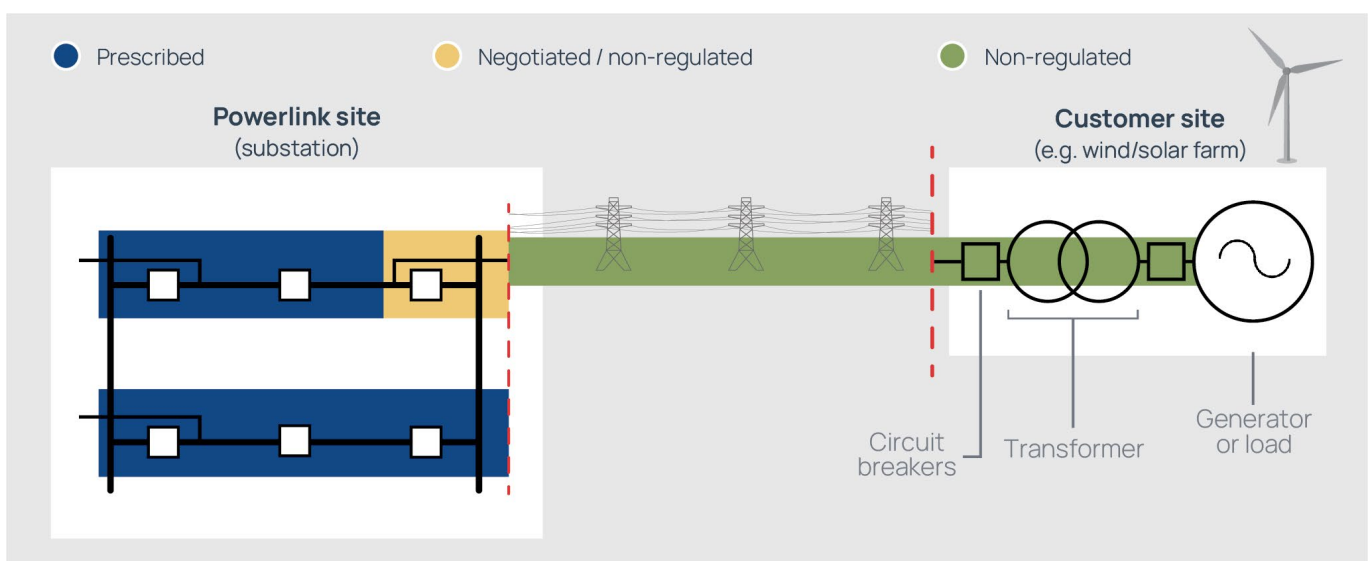
## Connection process responsibilities

### Powerlink

Powerlink is a Government Owned Corporation that owns, develops, operates and maintains the high voltage electricity transmission network in Queensland. Our network extends 1,700 kilometres from Cairns to the New South Wales border. Our purpose is to connect Queenslanders to a world-class energy future.

**Powerlink Queensland performs two primary connection service functions:**

- The TNSP for Queensland
- A service provider of contestable High Voltage (HV) connection works



## AEMO

During Connection Application, AEMO evaluates and negotiates performance standards impacting power system security with TNSP's. AEMO also reviews and assesses simulation models of power plants, systems of control and reviews commissioning and post-commissioning activities (following the deemed completion of construction activities) via R2 model validation, Generator Performance Standard testing and followed by R2 Modelling.

AEMO charges the TNSP fees for their review and evaluation activities, which are passed through to the customer separate to the connection application fee.

## Customer

It is the responsibility of the connection applicant to ensure that the Connection Application adheres to the National Electricity Rules, in particular, Chapter 5, and Powerlink's connection-related fees – terms and conditions (available at [powerlink.com.au/network-connections](https://powerlink.com.au/network-connections)).

## Connection Application Overview

Following our response to your Connection Enquiry, submitting a Connection Application is the next step of the connection journey. We are committed to providing a transparent and efficient connection service and helping you navigate the requirements under the National Electricity Rules.

We support you with:

- **A Connection and Development Manager**
  - The primary role of our Connection and Development Managers is to help you with the development of your connection project, assist you through the regulatory process and provide regular updates on your Connection Application
  - It is important to discuss and agree with your assigned Connection and Development Manager:
    1. HV contestable project scope
    2. Property/approvals division of responsibility
    3. Key project expectations, including timings that may impact Powerlink's resource demands
- **An Account Manager** who provides an escalation point throughout your connection project
- **Experts** across:
  - Access policy and regulation
  - Design, network planning and system performance
  - Property, easements and engagement
  - Construction and infrastructure delivery
  - Network operations and energy management
  - Commercial and finance solutions for connection projects

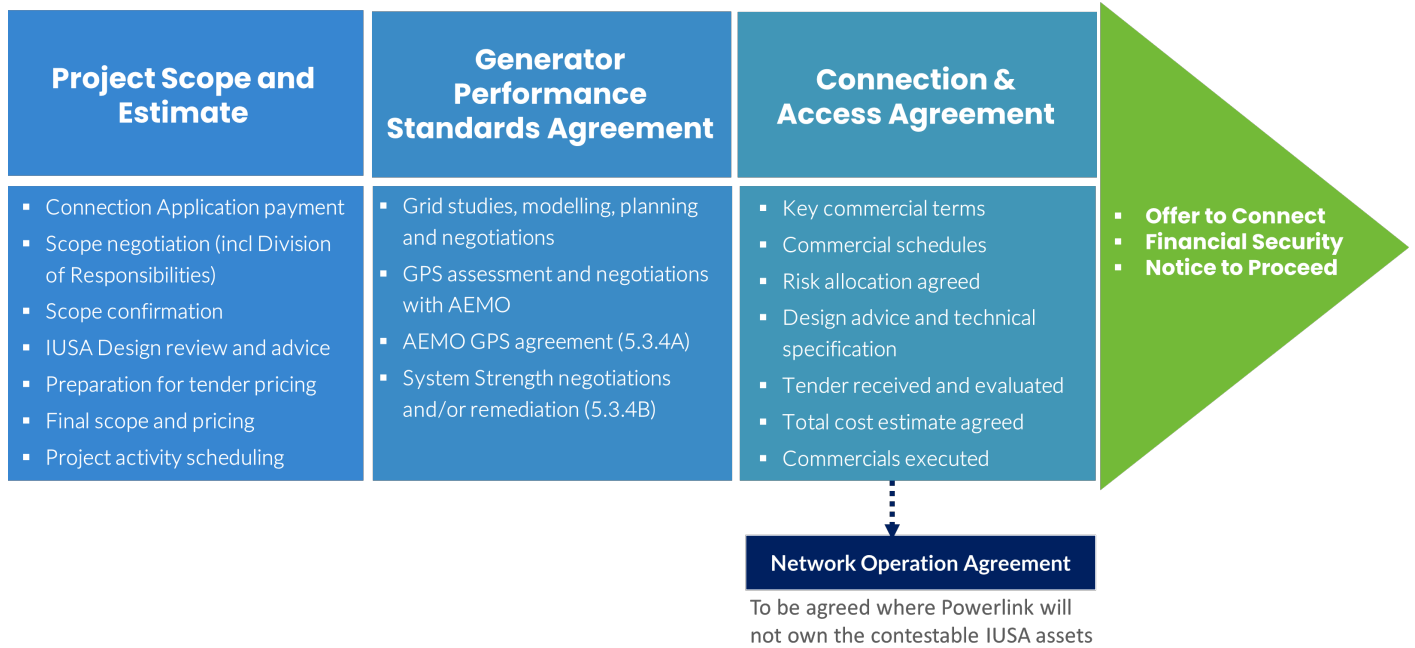
**Connection Application fee:** Connection-related fees – terms and conditions available at: [powerlink.com.au/network-connections](https://powerlink.com.au/network-connections)

**Approximate timeframe for completion\*\*:** Notionally 12-18 months

Determined by scope, complexity, quality of technical submissions and acceptance of Powerlink’s standard commercial terms in negotiation of the C&AA.

**\*\*Completion being negotiation of Connection and Access Agreement and Offer to Connect.**

Key milestones across the Connection Application stage



### Designated Network Asset

Designated Network Asset (DNA) Process activities and fees are additional to the Chapter 5 connections process. Additional fees apply where Powerlink is the DNA Owner for Powerlink to prepare a response to a DNA Access Request, respond to a DNA Services Application or for a DCA to DNA Conversion assessment and implementation fee.

For more information, please refer to [powerlink.com.au/designated-network-assets](http://powerlink.com.au/designated-network-assets).

### Supplemental information

- [Powerlink’s Transmission Easement and Engagement Process](#)
- Connection-related fees – terms and conditions – available at: [powerlink.com.au/network-connections](http://powerlink.com.au/network-connections)

## Contact us

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