

Generator Registration and Connection in the NEM A TNSP Perspective

<https://www.electranet.com.au/what-we-do/solutions/connection-services/>

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Purpose

- To understand and appreciate:
 - Some key considerations for the connection process
 - We are here to help guide you through the connection process



Roadmap

- Pre-feasibility phase
- Connection Enquiry phase
- Connection Application (Connection Agreement) phase
- Questions



Pre-feasibility Phase

Project understanding and pre-feasibility

Working with you to explore your options

It is **CRITICAL** you talk to us early

- To avoid pitfalls such as.....
 - 10%/50% rule
 - Too much focus on land
- We will help determine viable connection options before going too far

Connection Enquiry Phase

Project understanding and pre-feasibility

Working with you to explore your options

Connection Enquiry

Getting started with your chosen solution

The MOST important factor here is to talk to us before lodging CE form

- To avoid rework and unnecessary costs
- We can help map out the broader connection process
- Filling out the form doesn't guarantee anything
- We will respond under 5.3.3 of the NER

Connection Application (Connection Agreement) Phase

Project understanding and pre-feasibility

Working with you to explore your options

Connection Enquiry

Getting started with your chosen solution

Application to Connect

Refining the details

Start negotiating Connection Agreement EARLY

- 3 major work streams during this phase
 1. TCA negotiation
 2. GPS
 3. Specifications/tender for connection solution – this will get you a connection tariff
- Approved GPS and FIA required before a TCA can be executed

Processing Connection Application

- Due diligence on the proposed generator performance standards (GPS)
 - Check completeness and validity of the submitted application
 - AEMO's published connection checklist & other helpful documents
 - ElectraNet to work with the proponent and AEMO

- In accordance with NER 5.3.4
 - To establish highest performance standards for the proposed plant
 - System strength assessment included
 - NER 5.3.4 letter to confirm agreed GPS

Tips for a smoother application process

- ❑ Know the connection process
 - Plan project schedule in accordance with the connection process map

- ❑ Know the requirements
 - Regulatory (NER, ESCOSA)
 - Technical (Model acceptance, voltage control, national grid metering etc)

- ❑ Keep good communication
 - Keep all parties on the same page - Clarification and Explanation
 - Monitoring progress

Thank you

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The logo for ElectraNet, featuring a stylized 'E' icon followed by the text 'ElectraNet' in a bold, sans-serif font.

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