



# Solar Flagships Forum

## Grid Connection Issues

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# About the NEM Transmission Grid



# About Powerlink Queensland

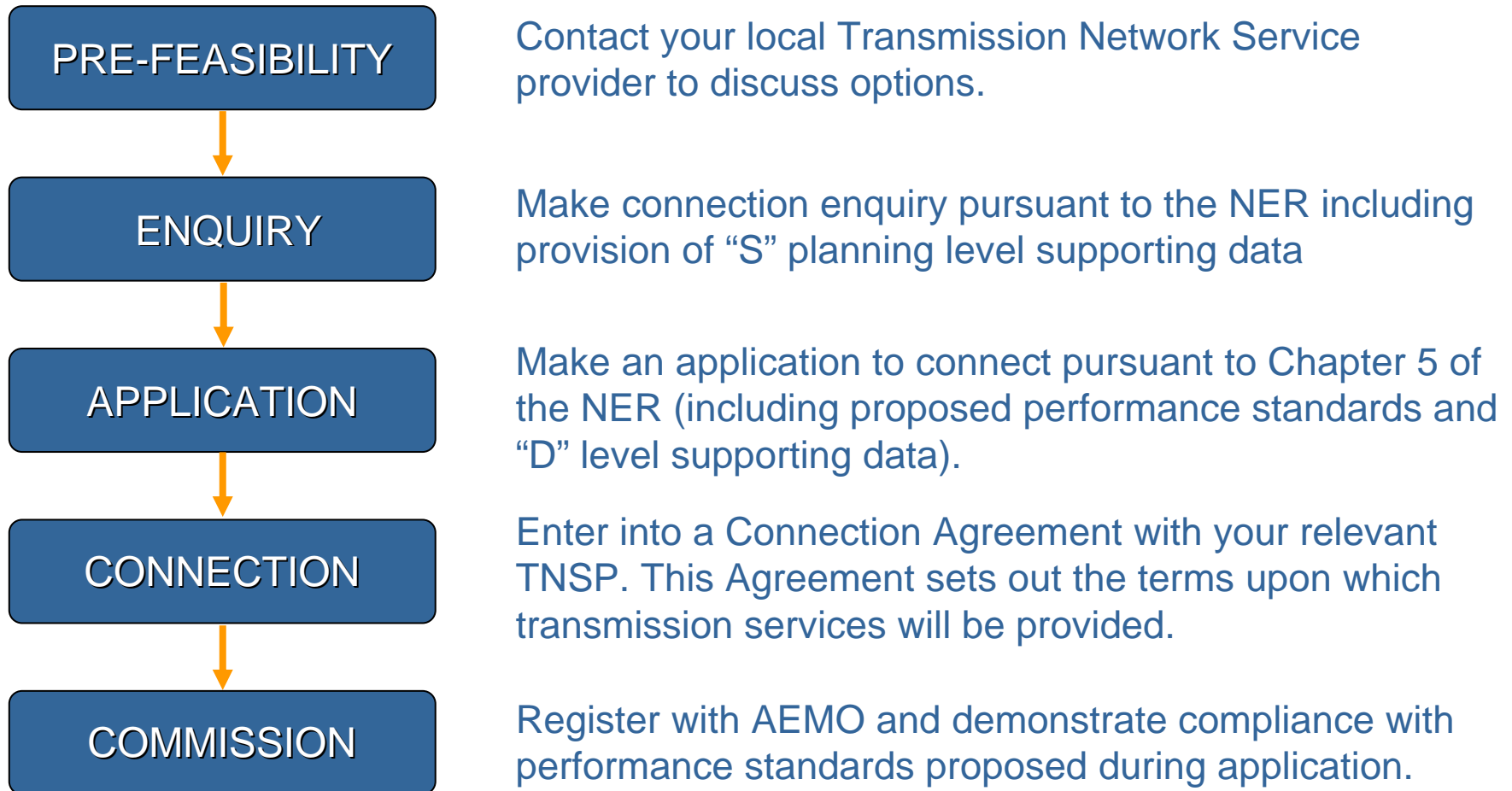


- Powerlink owns, develops, operates and maintains the transmission network in Queensland
- Don't buy or sell electricity: simply transport it – in bulk – from generators to DNSPs (ENERGEX, Ergon Energy and Country Energy) and major load centres
- Transmission network runs 1,700 km from Cairns to NSW – approximately half of Australia's eastern seaboard, with network assets of about \$5.2 billion
- Powerlink is required to provide open and non-discriminatory access to prospective generators requesting to connect to the grid, irrespective of the technology or fuel source of the generators

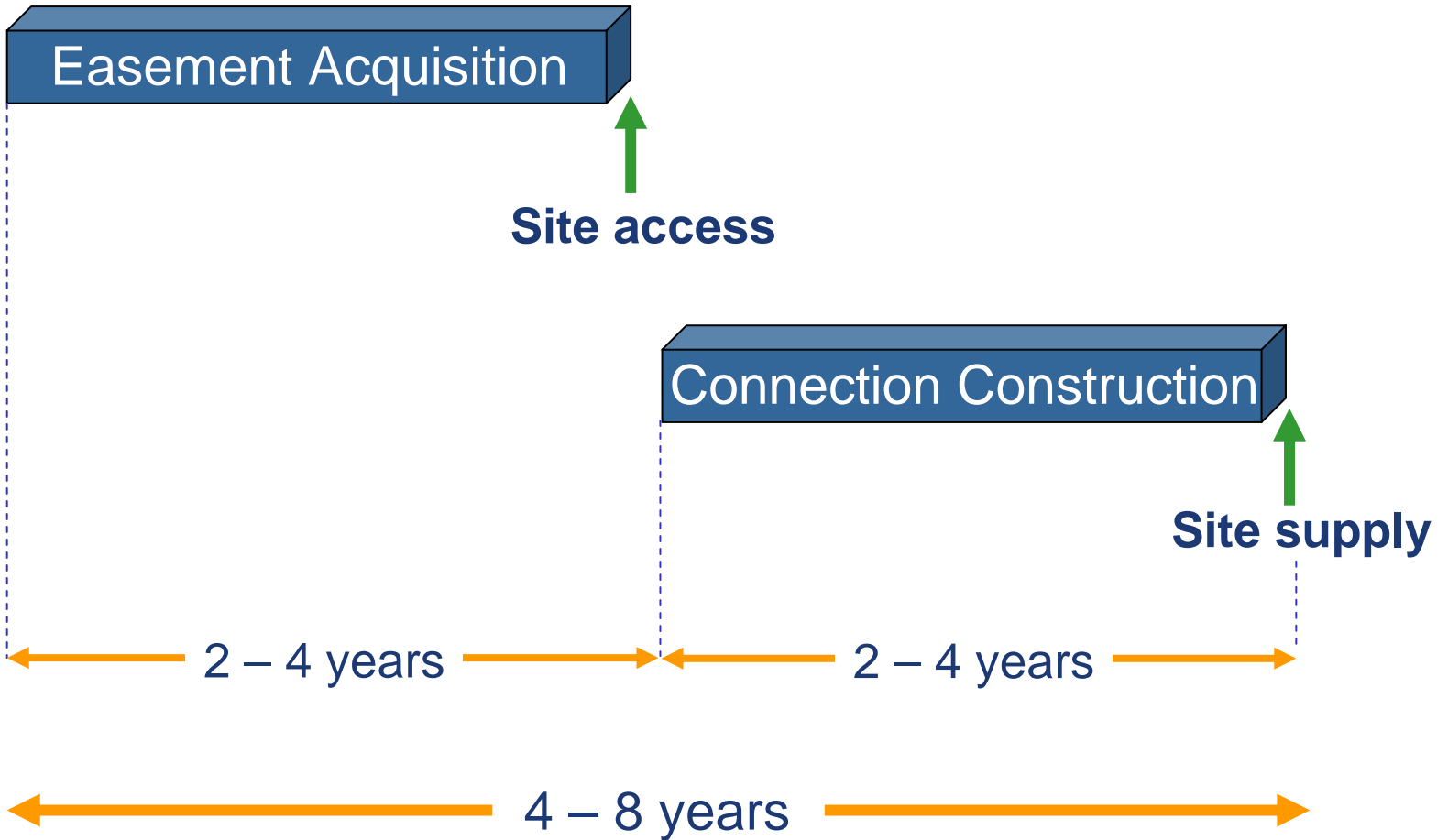
# Transmission Network Connection Overview



## Stage



# Typical Connection Timelines



# Conclusions

- Important for Solar Flagship proponents to engage with the relevant network service provider as early as possible in the process
- Proponents need to recognise the delivery timeframes for connection assets, particularly where new lines or substations are required.
- There may be merit in initiating property (line or site) acquisition ahead of project financial closure



**The End**

**Thank you**