



# Major Customer Connections

Insights Data

Project data quarterly update – December 2023



# Summary

For our major customers with large-scale grid connection opportunities, this report will provide information on the following:

- Volume of project work being undertaken
- Average timeframes for each project phase
- Data relating to project type, industry, and region

This data will be updated where appropriate and published each quarter.

The timeframe data set will be a consistent inclusion – however, other insights may be subject to change.

- Inactive projects have been excluded from the report



# Data Definitions

## Project Phases

**Enquiry** - *The Enquiry phase provides guidance on the information required to complete a Connection Application form. An Enquiry Assessment will assist you to identify a suitable network connection point and evaluate the feasibility of your project.*

**Initiation** - *The Project Initiation phase involves identifying network constraints applicable to your application, assessing if your application is competing for network capacity, and identifying viable options to modify the network to meet your requirements.*

**Scoping** - *The Project Scoping phase involves developing a scope of work for each option to modify the network, assessing each option, and selecting the final technical solution to be implemented.*

**Planning** - *The Project Planning phase involves Western Power preparing business cases, contracts, preliminary designs and estimates, and construction plans for the final technical solution to modify the network.*

**Construction & Commissioning** - *The required network modifications are then constructed and commissioned by Western Power under the terms of the Interconnection Works Contract (IWC).*

## Other Definitions

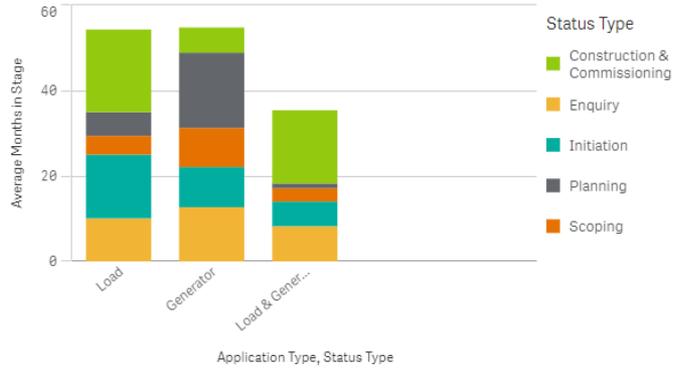
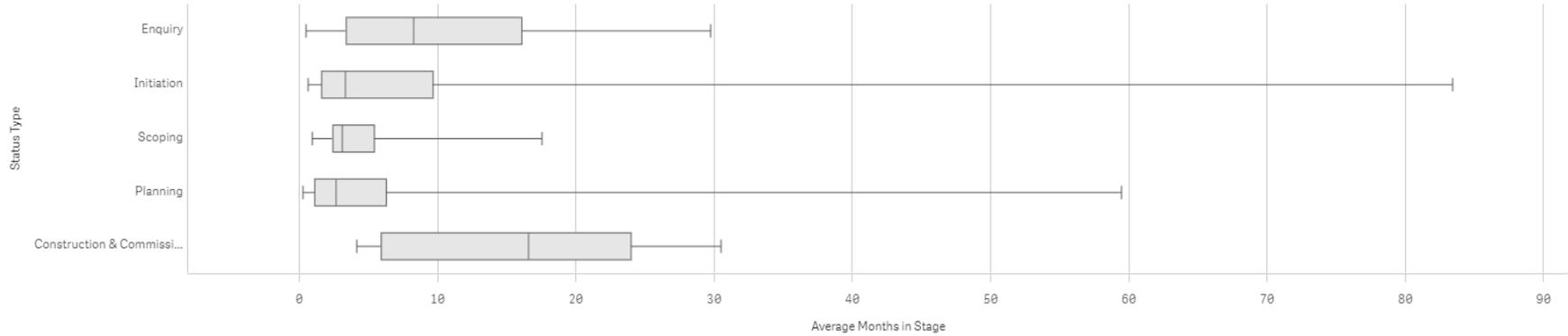
**Days in Stage** – *the number of calendar days in each stage defined as the time between the change from one stage to the next. (This includes days in a stage for a project that has passed that stage i.e. a project in Construction will have a days in stage for all preceding stages.)*

**CMD** – *Contracted Maximum Demand (Load)*

**DSOC** – *Declared Send Out Capacity (Generation)*



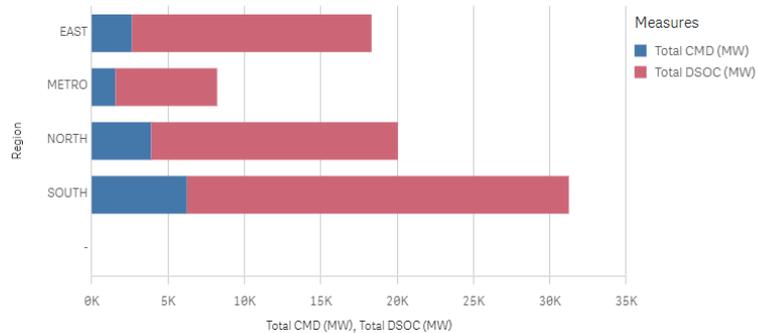
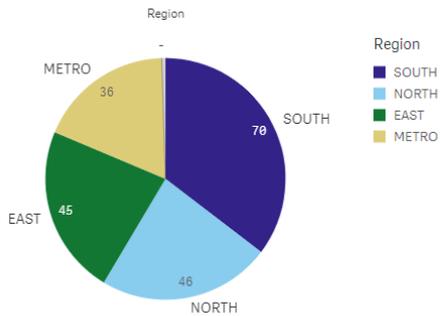
# Time in Each Stage



Status Type <input type="text"/>	Application Type <input type="text"/>		
	Load	Generator	Load & Generation
Enquiry	10.1	12.7	8.2
Initiation	14.9	9.4	5.8
Scoping	4.4	9.2	3.1
Planning	5.6	17.6	1.1
Construction & Commissioning	19.3	5.9	17.1

# Project Distribution (Region)

Active Stage <input type="text"/>	Application Type <input type="text"/>		Values										
	Generator			Load			Load & Generation						
	No. Active Projects	Total DSOC (MW)	Total CMD (MW)	No. Active Projects	Total DSOC (MW)	Total CMD (MW)	No. Active Projects	Total DSOC (MW)	Total CMD (MW)	No. Active Projects	Total DSOC (MW)	Total CMD (MW)	
Enquiry	62	40,873	2,045	15	0	594	39	16,146	6,707				
Initiation	7	1,604	13	13	0	1,800	15	1,076	884				
Scoping	5	918	0	10	0	490	5	809	302				
Planning	10	786	33	2	0	39	3	930	930				
Construction	3	75	0	4	0	82	3	302	301				
Close Out	1	2	0	-	-	-	-	-	-				



# Project Distribution (Industry)

Application Type <input type="text" value="Q"/> Industry_Value <input type="text" value="Q"/>		Values		
		No. Active Projects	Total DSOC (MW)	Total CMD (MW)
Generator	Others	16	2,510	2,069
	Generation - Non-Renewable	26	1,272	0
	Generation - Other Renewable	11	2,377	0
	Generation - Solar Farm	28	2,174	22
	Generation - Wind Farm	67	35,916	0
	Retail	10	8	0
Load	Others	9	0	1,342
	Data Centre	9	0	714
	Government Agency	15	0	79
	Mining	58	0	557
	Processing / Manufacturing	20	0	336
	Transport	8	0	58
Load & Generation	Others	10	742	262
	Battery	47	5,720	4,691
	Generation - Other Renewable	11	620	212
	Generation - Solar Farm	7	1,716	1,013
	Generation - Wind Farm	13	10,430	2,778
	Mining	4	36	169

# Enquiries Over Time

Enquiry volume and project size, over time

