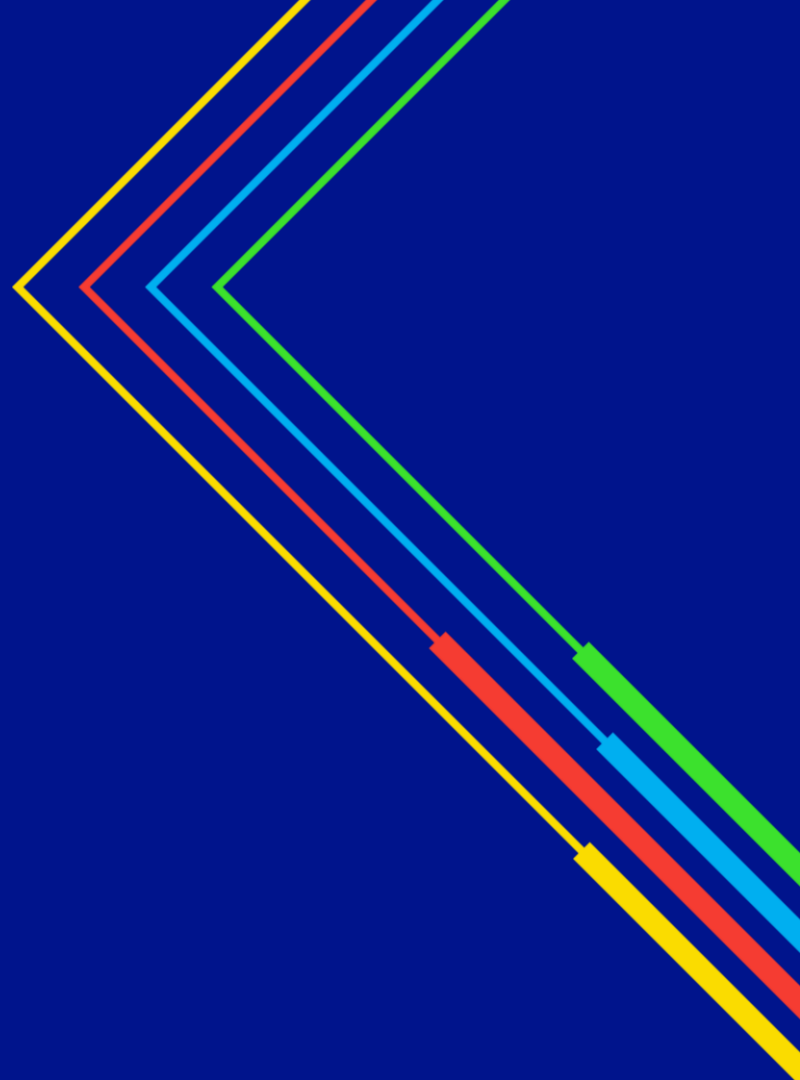


# LEVI Site Pre-Screening Guidance



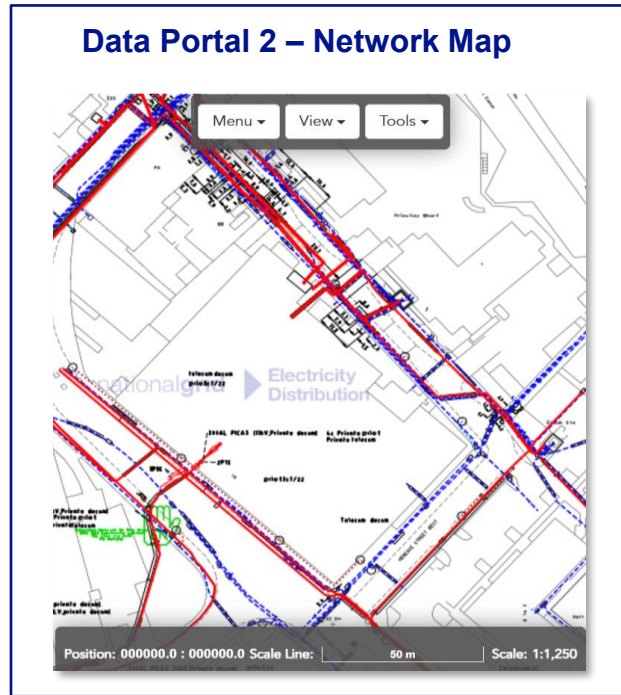
## Pre-screening to enable site prioritisation

**Pre-screening your sites will provide you with an indication of:**

- Network readiness
- Which sites may require more in-depth analysis or additional works

## Pre-screening criteria

- ✓ Continuous underground three phase network
- ✓ Transformer is rated 315kVA or above
- ✓ >373A per phase rating of main (185 Aluminium Waveform Cable or higher)
- ✓ Site  $\leq$  250m of Cable From Feeding Substation
- ✓ Site  $\leq$  25m From LV Main



# Pre-screening resources

Three resources are available to provide the pre-screening data.

## Network Assessment Guide

### Network Assessment Guide

Assessments in association with  
NGED Matrix designs

June 2025

Electricity  
Distribution

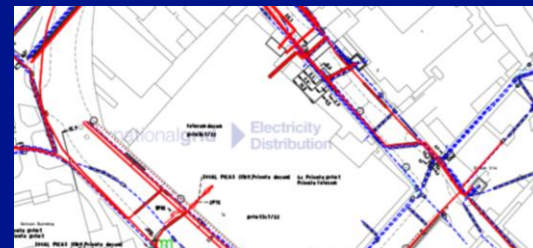
nationalgrid

## Connected Data Portal

### Data Files

Name	Format
Asset Types	CSV
Customers	CSV
IDNO Connections	CSV
Substation Demand	CSV
ERD	png

## Data Portal 2



# Tool 1: Network Assessment Guide

## ✓ Connected Data Portal - How to:

- Set up an account and log in
- Download and sort data

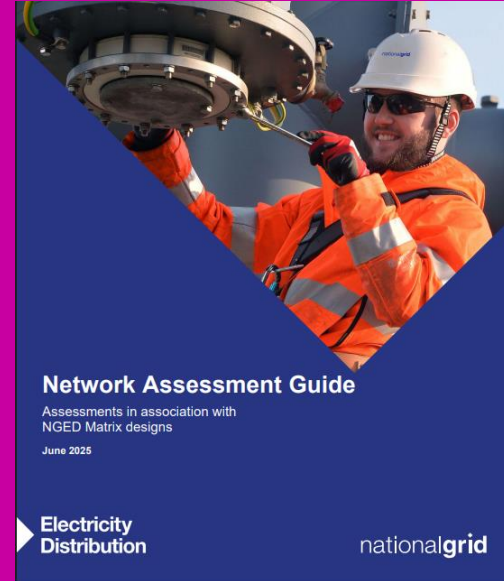
## ✓ Data Portal 2 - How to:

- Create log in
- Navigation
- Network Assessment

## ✓ Guidance on network configuration

## ✓ Conductor guidance and nomenclature

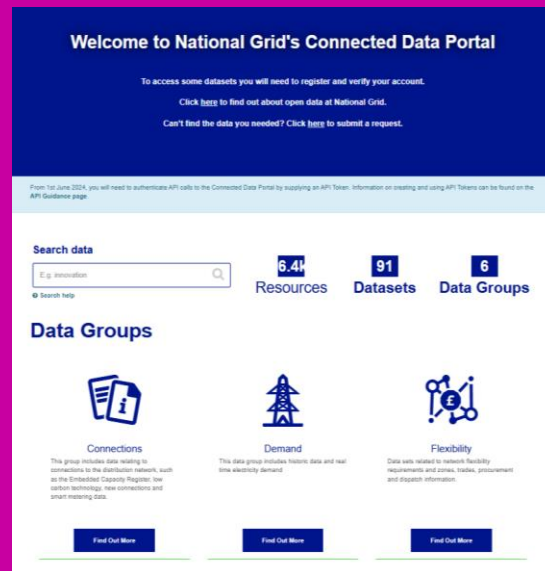
- Acceptable Cables



# Tool 2: Connected Data Portal

Use the datasets below to review:

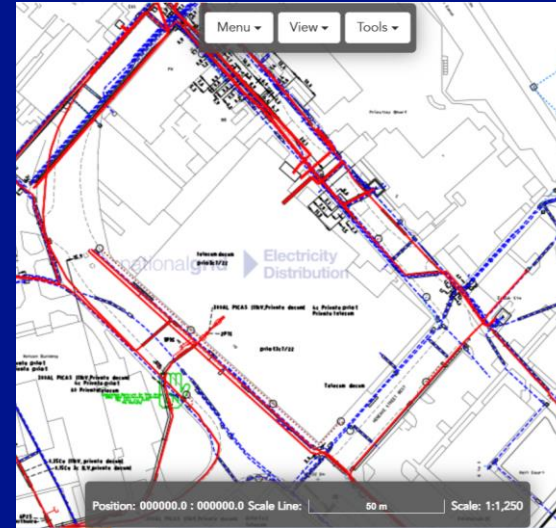
- ✓ **Availability/suitability of 3 phase connections**
  - Dataset: Distribution Transformer Phasing
- ✓ **Transformer size**
  - Dataset: Substation Loading Details



# Tool 3: Data Portal 2

Use an online map of the NGED network to review:

- ✓ Conductor type
- ✓ Site distance
- ✓ Single/Three phase identifiers



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