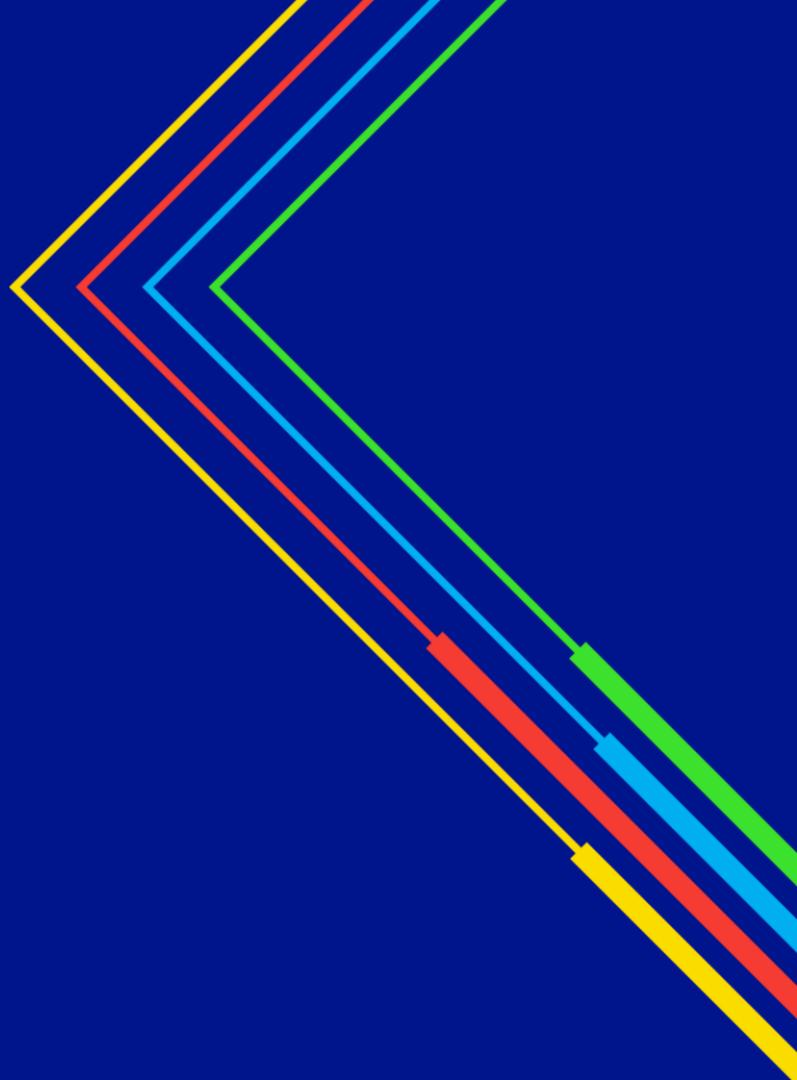


# LEVI Site Pre-Screening Guidance



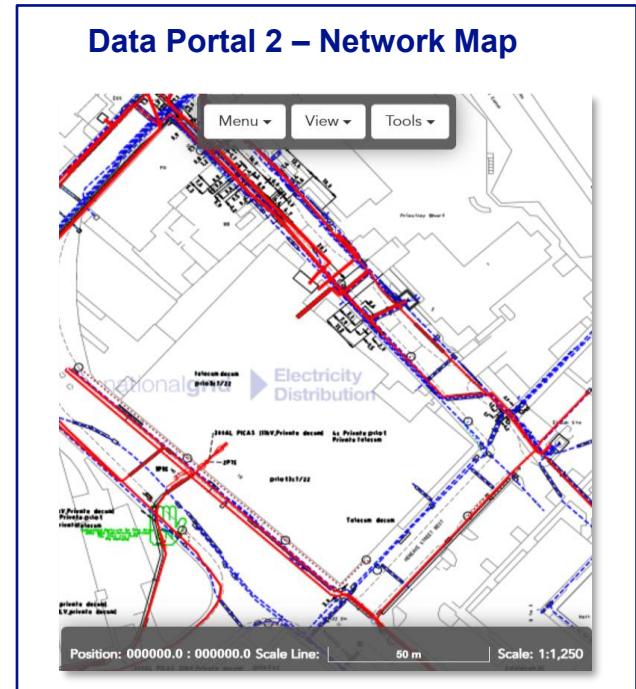
# Pre-screening to enable site prioritisation

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

# 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



**Network Assessment Guide**

Assessments in association with  
NGED Matrix designs

June 2025

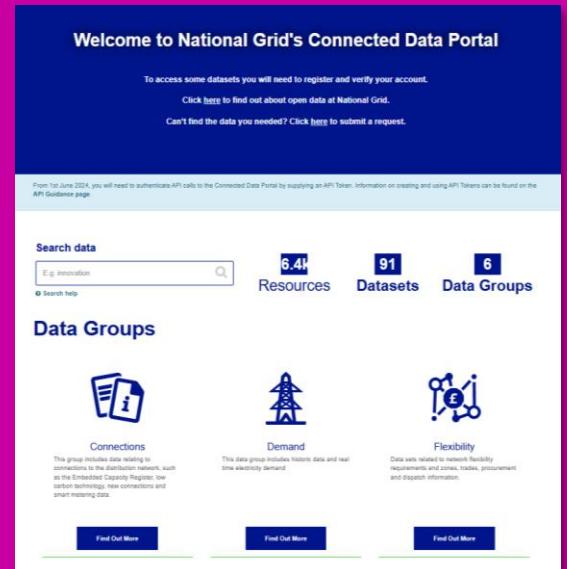
Electricity  
Distribution

nationalgrid

# 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



The screenshot shows the homepage of the National Grid's Connected Data Portal. The top navigation bar is dark blue with the text "Welcome to National Grid's Connected Data Portal". Below this, a message states: "To access some datasets you will need to register and verify your account. Click [here](#) to find out about open data at National Grid. Can't find the data you needed? Click [here](#) to submit a request." A note at the bottom left indicates: "From 1st June 2024, you will need to authenticate API calls to the Connected Data Portal by supplying an API Token. Information on creating and using API Tokens can be found on the API Guidance page." The main content area features a search bar with placeholder text "E.g innovation" and a magnifying glass icon. To the right are three blue boxes: "6.4k Resources", "91 Datasets", and "6 Data Groups". Below this is a section titled "Data Groups" with three items: "Connections" (represented by a document icon), "Demand" (represented by a power line icon), and "Flexibility" (represented by a person icon). Each item has a brief description and a "Find Out More" button.

# 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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