

Substation address and location details

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Revision History

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Contact Information

The latest version of this document and other standards, are located on Endeavour Energy's standards website located at:

<http://www.endeavourenergy.com.au/aspPortal/webengine/au/com/ee/asp/Standards/Standards>.

For any enquiries relating to the content of this document please contact the Standards Coordinator on 13 10 81.

Document Control

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1 Scope

To provide the addresses and locations for existing transmission/zone substations and switching stations that either belong to Endeavour Energy or in which Endeavour Energy owns assets.

This instruction shall be read in conjunction with SDI 505.

2 References

External Regulations

Work Health and Safety Amendment Act 2023 (NSW)
ENA National Electricity Network Safety Code (Doc 01-2019)

Company Policies and Procedures

Company Policy 9.2.5 – Network Asset Design
Company Policy 9.7.1 – Network Asset Construction
Company Policy 9.9.1 – Network Asset Maintenance
Company Procedure GSY 1066 – Worksite Hazard and Risk Assessment
Endeavour Energy Electrical Safety Rules

Company Standards

Substation Design Instruction SDI 505 – Minimum design and construction requirements for transmission and zone substations and switching stations

3 Definitions and Abbreviations

Term	Definition
ZS	zone substation
TS	transmission substation
SS	switching station
HVC	high voltage customer substation

4 Actions

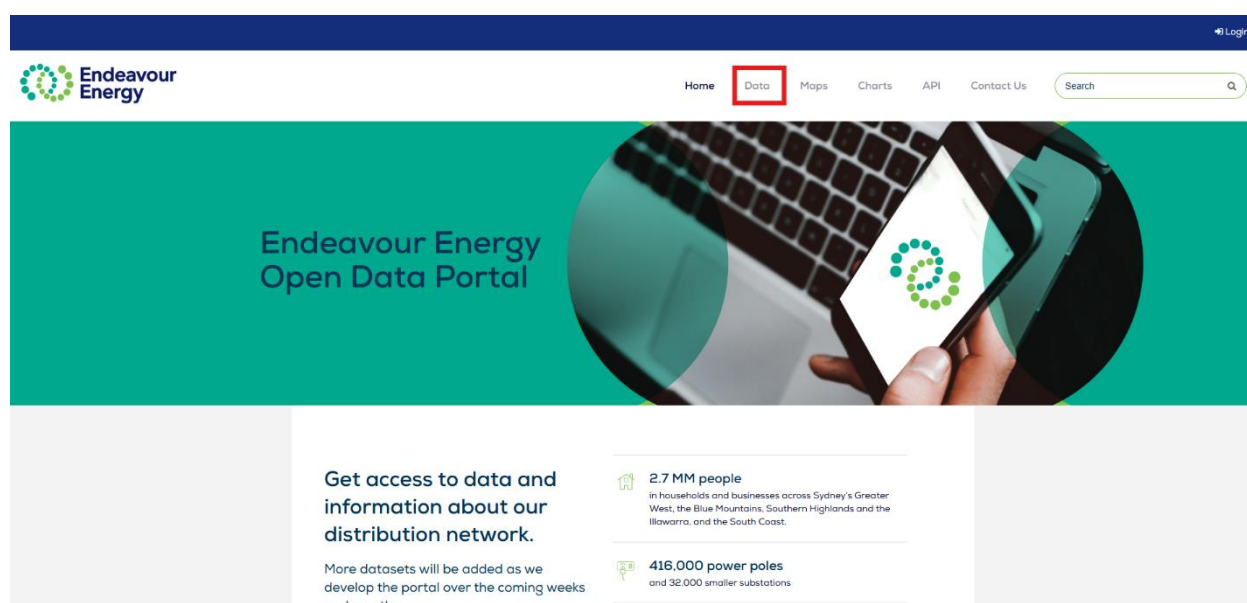
4.1 General

Endeavour Energy provides access to an Open Data Portal that offers dynamically updated information on the addresses and locations of its substations. This ensures users have access to the most current and accurate data available. The substation location data is continuously refreshed to reflect changes within the network, supporting planning, analysis, and integration into other systems.

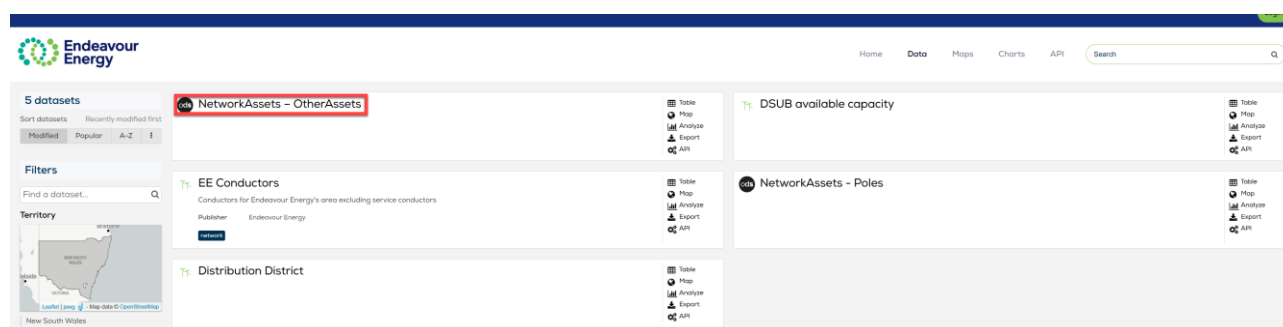
You can access this information by following the steps shown in clause 4.2.

4.2 Process for find substation addresses and locations

Go to: <https://data.endeavourenergy.com.au/explore/dataset/network-zone-substationpages/home/> and select “Data” from the top Ribbon.



Go to the “Network Assets – Other Assets” tile



To find a zone or transmission address:

1. Search for the name:

Substation address and location details

The screenshot shows the Endeavour Energy web application. The top navigation bar includes Home, Data, Maps, Charts, API, and Contact Us, along with a search bar. The main content area is titled "Network Assets" and shows "1 record". On the left, there are "Active filters" and a "Filters" sidebar. The "Filters" sidebar has a search bar with "jasper rd" entered and a magnifying glass icon. Below the search bar, there are two filter categories: "STATE" with "Inservice" (1) and "Feature_Type" with "ZoneSubstation" (1). The main table displays the following data:

UNUM	OPERATING_VOLTAGE	NO_PHASES	PHASE	OBJECTID	Location	Postcode	City	Street Address	Asset Name	geo_shape	geo_point_2d
	33kV	3		707.737	Kings Park Field Service Centre	2153	Boulham Hills	5 Jasper Road	JASPER RD	{coordinates} [[50.9817984576...	-33.7597876142

2. Look at a map to find geospatial location

The screenshot shows the Endeavour Energy web application with the "NetworkAssets - OtherAssets" page. The top navigation bar includes Home, Data, Maps, Charts, API, and a search bar. The main content area is titled "NetworkAssets - OtherAssets" and shows "1 record". On the left, there are "Active filters" and a "Filters" sidebar. The "Filters" sidebar has a search bar with "jasper" entered and a magnifying glass icon. The main content area is a map view showing the location of the asset. A red pin is placed on the map, indicating the location of the asset. The map shows a street labeled "jasper rd" and a large building.

2. To search for another site, select "Data" and start process again

The screenshot shows the Endeavour Energy web application with the "NetworkAssets - OtherAssets" page. The top navigation bar includes Home, Data, Maps, Charts, API, and a search bar. The "Data" link in the top navigation bar is highlighted with a red box. The main content area is titled "NetworkAssets - OtherAssets" and shows "1 record". On the left, there are "Active filters" and a "Filters" sidebar. The "Filters" sidebar has a search bar with "jasper" entered and a magnifying glass icon. The main content area is a map view showing the location of the asset. A red pin is placed on the map, indicating the location of the asset. The map shows a street labeled "jasper rd" and a large building.

5 Authorities and Responsibilities

Listed below are the positions or groups of positions that have specific authorities and responsibilities associated with this policy/procedure.

General Manager Future Grid & Asset Management has the authority and responsibility for:

- approving major changes to this instruction in accordance with Table 4 of GAM 0001;
- making all decisions concerning compliance with this instruction;
- delegating any of these authorities and responsibilities to the Head of Engineering Design.

Head of Engineering Design has the authority and responsibility for:

- approving minor changes to this instruction in accordance with Table 4 of GAM 0001;
- making recommendations to the General Manager Future Grid & Asset Management for major changes in respect to this instruction.

Design Manager – (Front End Engineering Design) has the authority and responsibility for:

- reviewing this technical specification for suitability in Endeavour Energy's network;
- making recommendations to the Head of Asset Management and Digital based on industry best practice; and
- managing dispensation requests for variations to requirements of this instruction.

Endeavour Energy employee and/or contractors have the responsibility for:

- ensuring that the requirements of this instruction are met;
- working in accordance with local and statutory requirements;
- ensuring that public safety is not compromised; and
- working in accordance with Endeavour Energy's Electrical Safety Rules.

