

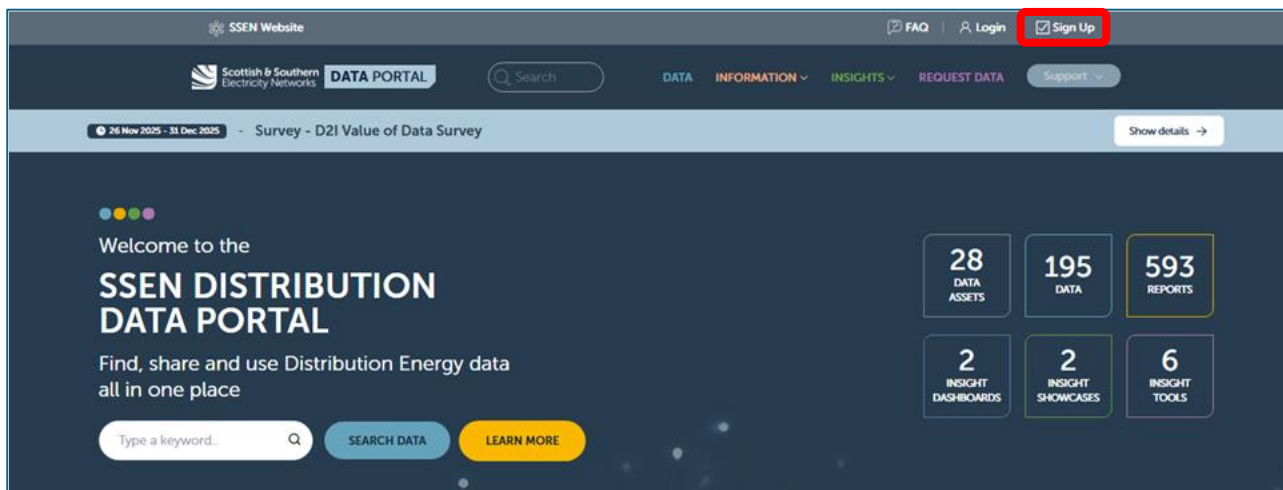


SSEN Distribution Data Portal – NeRDA Opengrid Dashboard – NeRDA Data Extraction Tool

The SSEN Distribution Data Portal is a single point of access for data published by SSEN Distribution.

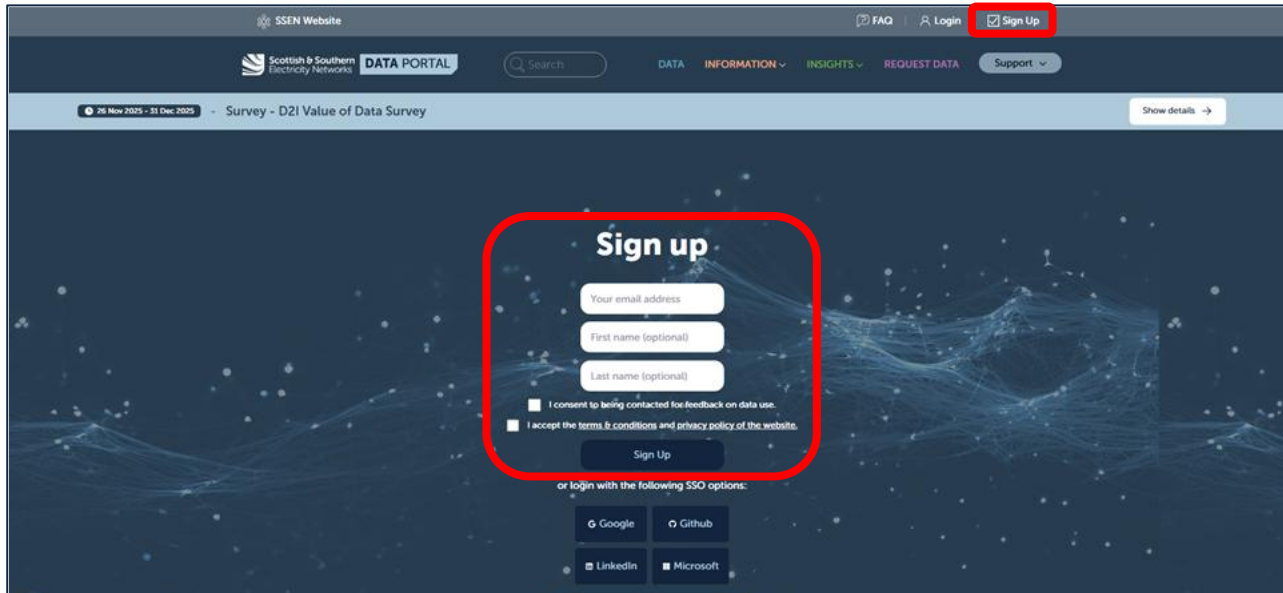
The Near Real-time Data Access (NeRDA) portal makes available power flow information from our Network via an Application Programming Interface (API) or dashboard in near real-time for interested parties.

[SSEN Distribution Data Portal](#)



CLICK ON THE “**Sign Up**” BUTTON TO CREATE AN ACCOUNT AND THEN COMPLETE THE SIGN UP FIELDS AND CLICK ON THE “**Sign Up**” BUTTON

data.ssen.co.uk/auth/signup



OR

CLICK ON THE “**Login**” BUTTON IF YOU ALREADY HAVE AN ACCOUNT, THEN ENTER YOUR EMAIL ADDRESS, AND THEN CLICK ON THE “**Sign In**” BUTTON

<https://data.ssen.co.uk/auth/signin>



SSEN Website

FAQ Login Sign Up

Scottish & Southern Electricity Networks DATA PORTAL

Search

DATA INFORMATION INSIGHTS REQUEST DATA Support

26 Nov 2025 - 31 Dec 2025 - Survey - D2I Value of Data Survey Show details →

Sign in

Your email address

Sign in

Don't have an account yet? Sign up.

or login with the following SSO options:

Google GitHub LinkedIn Microsoft

THEN COPY AND PASTE THE TOKEN RECEIVED VIA EMAIL (i.e., “**Sign in to data.ssen.co.uk**” email), AND CLICK ON THE “**Verify**” BUTTON

SSEN Website

FAQ Login Sign Up

Scottish & Southern Electricity Networks DATA PORTAL

Search

DATA INFORMATION INSIGHTS REQUEST DATA Support

26 Nov 2025 - 31 Dec 2025 - Survey - D2I Value of Data Survey Show details →

Verify

Please paste the token that we sent to your email:

Your token

Verify

Have not received the e-mail?

ONCE LOGGED IN, CLICK ON THE “**DATA**” TAB

Scottish & Southern Electricity Networks DATA PORTAL

Search

DATA INFORMATION INSIGHTS REQUEST DATA Support

26 Nov 2025 - 31 Dec 2025 - Survey - D2I Value of Data Survey Show details →

Data Assets (28) Data (207) Reports and Documents (593)

Search

Data Assets (28) Reports and Documents

Order By Relevance

DATA



SEARCH FOR THE “NeRDA Opengrid Dashboard” EITHER BY SCROLLING DOWN THE WEBPAGE

DATA PORTAL

Search

DATA

INFORMATION

INSIGHTS

REQUEST DATA

Support

26 Nov 2025 - 31 Dec 2025

Survey - D2I Value of Data Survey

Show details

Data Assets (28) | Data (207) | Reports and Documents (593)

Search

Data Assets (28) | Reports and Documents

Order By Relevance

Refine your search

Clear All

Collections

☐ Reports and Works

☐ Outage Management

☐ Network Flexibility

☐ Network Capacity

☐ Insights

See more...

File Format

☐ link

☐ ZIP

☐ URL

☐ Map

☐ Graph

☐ CSV

☐ API

☐ gpkg

☐ XLSX

☐ PDF

☐ MP4

☐ GeoJSON

☐ Big Data

Tags

☐ Supply Areas

☐ Smart Metering

☐ Roadmap

☐ Outage Management

☐ Network Planning

See more...

Licenses

☐ License Not Specified

☐ Creative Commons Attribution 4.0

Smart Meter LV Feeder Usage

Network Capacity

Metadata updated 1 week ago | Data updated 1 week ago

Smart meter LV feeder half hourly usage data is collected directly from smart meters in homes and businesses and anonymised through aggregation to no less than 5 properties through SSEN's smart meter ...

Big Data

MP4

PDF

CSV

link

URL

XLSX

D1

Flexibility Dispatch Report

This data asset does not belong to any collection.

Metadata updated 1 week ago | Data updated 2 weeks ago

The Flexibility Dispatch report is a weekly ahead flexible services utilisation report which provides a summary of the dispatch instruction for both SEPD and SHEPD licence areas. The data identifies ...

CSV

D1

Flexibility Services Contract Register

This data asset does not belong to any collection.

Metadata updated 2 weeks ago | Data updated 2 weeks ago

Outcomes of procurement activity and list of contracts from various parties to provide flexibility services. ...

XLSX

CSV

PDF

D1

SSEN-D Documents

This data asset does not belong to any collection.

Metadata updated 2 weeks ago | Data updated 5 months ago

Reports, strategies, and roadmaps to help Data Consumers to better understand SSEN processes and decisions....

PDF

XLSX

D1

SSEN Substation Data

Asset Management

Metadata updated 2 weeks ago | Data updated 2 weeks ago

Details of SSEN Substations, their type and identification and location coordinates for both SEPD and SHEPD licence areas. Derived from the Shapefile data and presented separately here for convenience...

PDF

CSV

XLSX

D1

SEPD Long Term Development Statement

Asset Management

Metadata updated 2 weeks ago | Data updated 2 weeks ago

The Long Term Development statements provide information for anyone connecting to our distribution system at extra high voltage (EHV) level (including HV busbar of primary substations). It is designed...

PDF

XLSX

CSV

URL

ZIP

D1

SHEPD Long Term Development Statement

Asset Management

Metadata updated 2 weeks ago | Data updated 2 weeks ago

The Long Term Development statements provide information for anyone connecting to our distribution system at extra high voltage (EHV) level (including HV busbar of primary substations). It is designed...

PDF

XLSX

CSV

URL

ZIP

D1

NeRDA Opengrid Dashboard

Network Flexibility

Metadata updated 3 weeks ago | Data updated 8 months ago

The Near Real-time Data Access (NeRDA) Portal aims to examine how near real-time energy demand and usage data can be best used by stakeholders. The data identifies areas where flexibility could be use...

Map

ZIP

PDF

URL

D1

Embedded Capacity Register

Network Capacity

Metadata updated 1 month ago | Data updated 1 month ago

The Embedded Capacity Register (ECR) has been developed to provide better information to electricity network stakeholders on connected resources and network requirements. Each Distribution Network Ope...

Map

XLSX

CSV

PDF

URL

D1

SEPD Network Development Report

Network Capacity

Metadata updated 1 month ago | Data updated 1 month ago

This is Scottish and Southern Electricity Networks (SSEN) Distribution's first Network Development Report and is part of a suite of new information that sets out our longer-term Network Development PL...

PDF

XLSX

CSV

D1

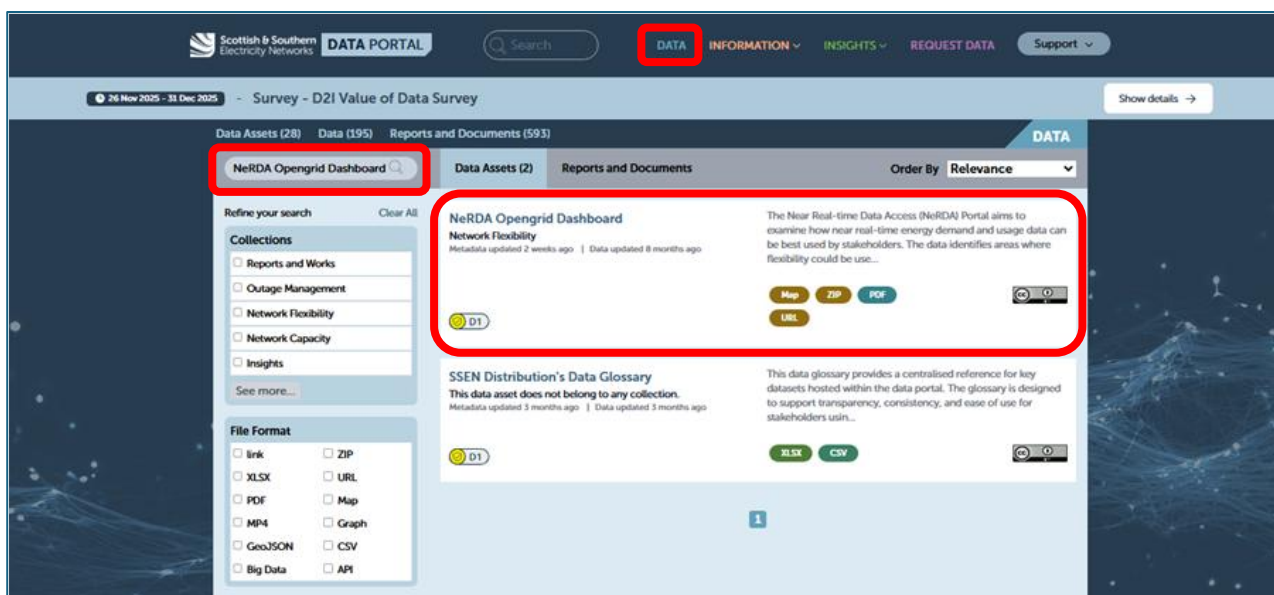
1 | 2 | 3 | Next

3

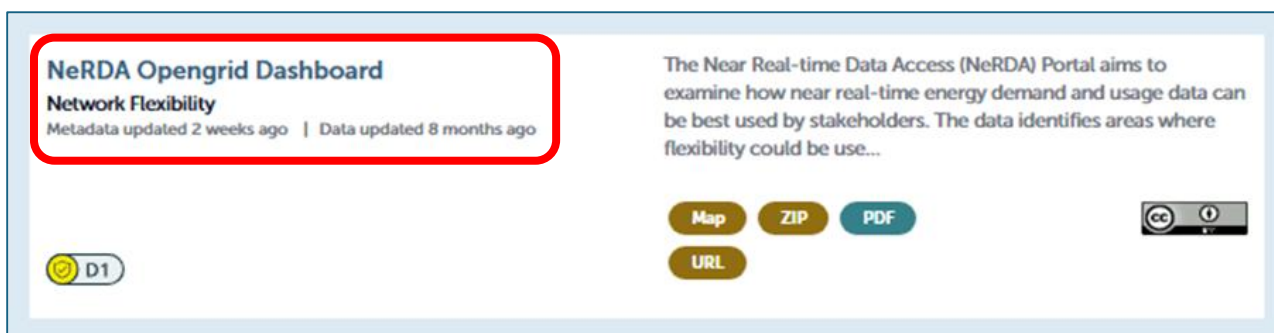
Scottish & Southern Electricity Networks



OR BY USING THE SEARCH TOOL



CLICK ON THE “NeRDA Opengrid Dashboard” SECTION



NeRDA Opengrid Dashboard

The Near Real-time Data Access (NeRDA) Portal aims to examine how near real-time energy demand and usage data can be best used by stakeholders. The data identifies areas where flexibility could be used or where network reinforcement will be needed. NeRDA is intended to provide open data and share electricity demand estimates with stakeholders. The Portal currently contains EHV/HV datasets from SCADA, LV datasets from LV Monitoring devices, and Load modelling data. There are two ways to access the data using the NeRDA Portal: navigating to and around substations within the Portal itself or via API Access.



NeRDA Opengrid Dashboard - Data Asset - SSEN Distribution Data Portal

Scottish & Southern Electricity Networks DATA PORTAL

26 Nov 2025 - 31 Dec 2025 - Survey - D2I Value of Data Survey

DATA ASSETS / NERDA OPENGRIID DASHBOARD

NeRDA Opengrid Dashboard

This Data Asset is published by SSEN Distribution.

The Near Real-time Data Access (NeRDA) Portal aims to examine how near real-time energy demand and usage data can be best used by stakeholders. The data identifies areas where flexibility could be used or where network reinforcement will be needed. NeRDA is intended to provide open data and share electricity demand estimates with stakeholders. The Portal currently contains EHV/HV datasets from SCADA, LV datasets from LV Monitoring devices, and Load modelling data. There are two ways to access the data using the NeRDA Portal: navigating to and around substations within the Portal itself or via API Access.

Resources: 7 | Metadata Updated: 2 weeks ago | Data Updated: 8 months ago | D1

SHARE IDEAS AND EXAMPLES
UNFOLLOW
FEEDBACK
Contact | Share

SHOWCASES
Near Real-time Data Access Portal

METADATA | DATA **REPORTS & DOCUMENTS** M-API

Export Metadata
Title
Subject
Creator
Description
Publisher
Contributor
Date
Type
Identifier
Source
Language
Coverage
Rights
IB1 Sensitivity Class
IB1 Dataset Assurance
Data update frequency

RDF TTL JSON-LD
NeRDA Opengrid Dashboard
Energy Data
SSEN Distribution
The Near Real-time Data Access (NeRDA) Portal aims to examine how near real-time energy demand and usage data can be best used by stakeholders. The data identifies areas where flexibility could be used or where network reinforcement will be needed. NeRDA is intended to provide open data and share electricity demand estimates with stakeholders. The Portal currently contains EHV/HV datasets from SCADA, LV datasets from LV Monitoring devices, and Load modelling data. There are two ways to access the data using the NeRDA Portal: navigating to and around substations within the Portal itself or via API Access.
SSEN Distribution
29 Sept 2023
Network Flexibility
https://data.ssen.co.uk/@ssen-distribution/nerda_opengrid_dashboard
EN
SEPD and SHEPD Licence Areas
[Creative Commons Attribution 4.0](#)
IB1-O
IcebreakerOne.DatasetLevel1

SELECT THE “REPORTS & DOCUMENTS” TAB

SHOWCASES
Near Real-time Data Access Portal

METADATA | DATA **REPORTS & DOCUMENTS** M-API

Current Historical

ZIP
No description
ACCESS

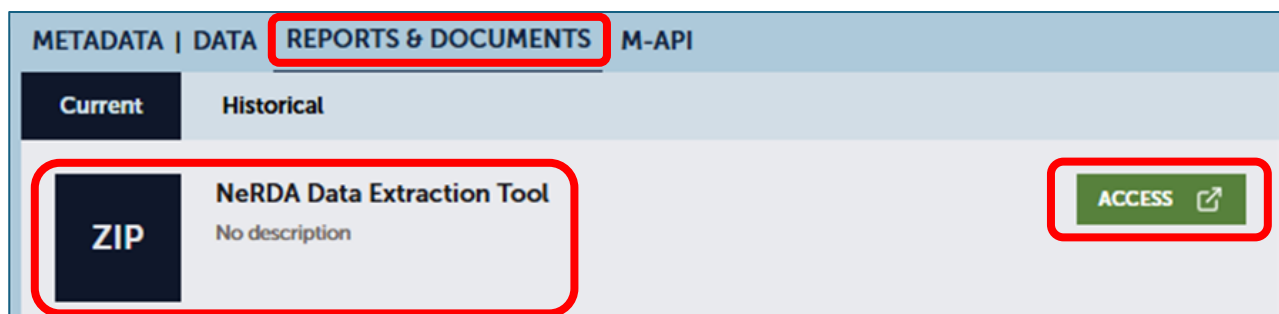
PDF
NeRDA Portal Overview Guide
Portal Overview guide for the NeRDA Data Portal, May 2023.
ACCESS

PDF
NeRDA Data Definitions
Data Definitions for the NeRDA Data Portal, May 2023.
ACCESS

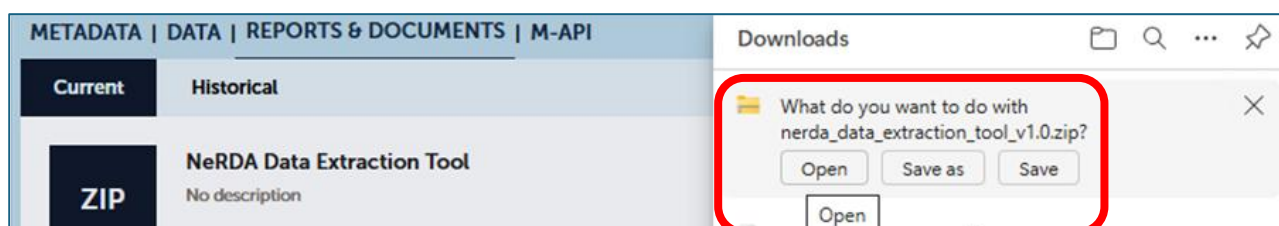
PDF
NeRDA API Guide
Guide for how to access and use the API functionality for the NeRDA Data Portal, May 2023.
ACCESS



CLICK ON THE “**ACCESS**” BUTTON TO DOWNLOAD THE “**NeRDA Data Extraction Tool**” ZIP FILE



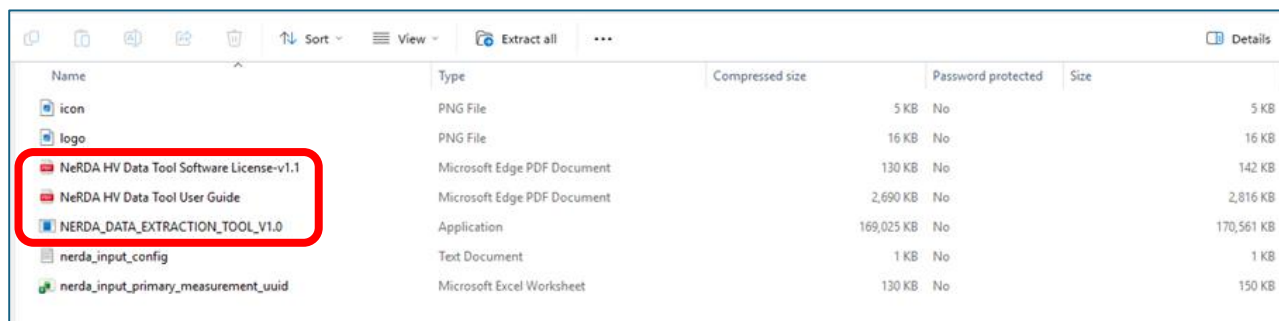
OPEN THE “**NeRDA Data Extraction Tool**” ZIP FILE



OPEN THE “**NERDA_DATA_EXTRACTION_TOOL**” FILE FOLDER



YOU CAN EXTRACT ALL FILES AND SAVE THEM IN YOUR OWN FOLDER



RUN THE “**NERDA_DATA_EXTRACTION_TOOL**” APPLICATION

Note: This application may depend on other compressed files in this folder. For the application to run properly, it is recommended that you first extract all files.

REFER TO THE “**NeRDA HV Data Tool Software License**” AGREEMENT

Note: By installing or using the Software, the User acknowledges that they have read, understood, and agree to be bound by this Agreement.

REFER TO THE “**NeRDA HV Data Tool User Guide**” FOR INFORMATION ON HOW TO USE THE TOOL

REFER TO THE “**NeRDA HV Data Tool Terms and Conditions of Use**” – LINK PROVIDED IN BOTH THE SOFTWARE LICENSE AGREEMENT AND USER GUIDE DOCUMENTS – SEE LINK BELOW

<https://www.ssen.co.uk/globalassets/our-services/tools-and-maps/nerda/nerda-hv-data-tool-terms-and-conditions-of-use.pdf>