

Electricity
Distribution

DSO Electricity Futures Autumn Conference

DSO Data In Focus

22 October 2025

nationalgrid ▶ DSO



Charlotte Pirie

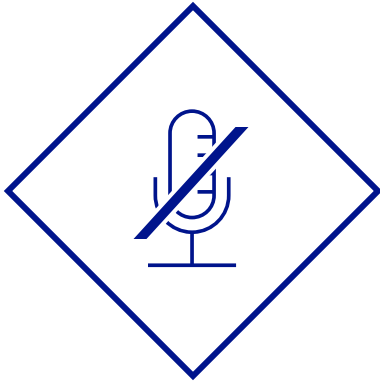
Stakeholder Experience Manager
Distribution System Operator

 **Electricity
Distribution**

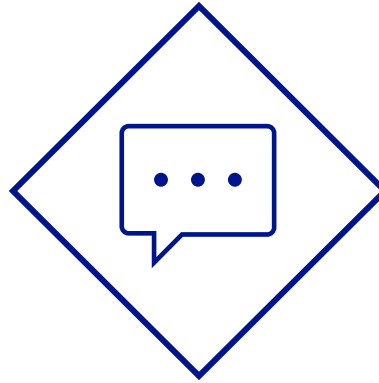
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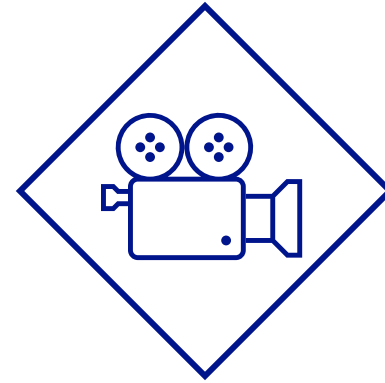
Housekeeping



Please make sure your microphone is muted when not speaking



For questions or feedback, please raise your hand or use the Q&A/chat box



We are recording this session for sharing with our stakeholders

Agenda



11:00 Welcome -

Housekeeping and session outline

Charlotte Pirie
Stakeholder Experience Manager



11:05 Open Data –

Introduction to data, principles and provisions

11:10 Accessing Data –

Connected Data Portal and open data tools

Vaughan Pyne
Stakeholder Engagement Officer

11:20 Uses of our data -

Exploring possible use cases for data sets



11:25 Opportunity Map -

Exploring the functionality of the interactive map

Henry Walker
DSO Models & Data Team Leader



11:35 Evolving Data -

Future data sets and the evolving data interface

Will Topping
Curtailment Team Leader



10:45 Q&A - Share Your Views-

Open Forum and Slido Poll

DSO Data Specialist Panel

Getting to know you

It is important for us to understand your needs and how we support your interaction with our data.

**How familiar are you
with open data tools?**

**How regularly do
you use our data tools
& platforms (eg
Connected Data
Portal)?**



**Electricity
Distribution**

Open Data

Data Principles & Quality



Vaughan Pyne

Strategic Engagement Officer
South West Licence Area

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Data - Our Mission

We aim to empower users with detailed and accurate data on electricity distribution networks across the South-West, South Wales and the Midlands.



Our goal is to enhance understanding and support informed decision-making through the provision of accessible, high-quality data.

Data principles and quality



- Our approach is set out in our [Digitalisation Strategy](#), aligning with:
 - *Energy Data Task Force* recommendations
 - *Ofgem's Data Best Practice Guidance*
- This supports external:
 - challenges to data
 - accuracy of data
 - [data custodian](#) approach to [improving data quality](#)
(as detailed in *Ofgem's Data Best Practice Guidance*)
- Upcoming, industry recognised Data Assurance
 - Submitting data to external, 3rd party -
[Level 1](#) assurance accreditation

Our Data Architecture

Data is a 'golden thread' that runs across all our strategies.

- Network Visibility Strategies
- DSO Strategic Action Plan
- Digitalisation Strategy
 - Improved data management;
 - Increased network insight and operation;
 - Delivering for Stakeholders

Focussing on the foundations for tangible & valuable outcomes for all current and future data and system users.

Electricity
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Accessing our Data

Connected Data Portal

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Connected Data Portal (CDP)

<https://connecteddata.nationalgrid.co.uk>

- Comprehensive source for **real-time** and **historical** data
- **Centralised location** to access all externally available **datasets**
- Data available under **NGED Open Data Licence**
(based on Open Government Licence (OGL) v3.0)

<https://commercial.nationalgrid.co.uk/open-data-licence>

- CDP is built on CKAN



Connected Data Portal (CDP) – <https://connecteddata.nationalgrid.co.uk>

vaughan_pyne

nationalgrid

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Connections

This group includes data relating to connections to the distribution network, such as the Embedded Capacity Register, low carbon technology, new connections and smart metering data.

View



Demand

This data group includes historic data and real time electricity demand

View



Flexibility

Data sets related to network flexibility requirements and zones, trades, procurement and dispatch information.

View



Innovation

Innovation is core to our business strategy. We always seek to find better ways of working. We have adopted many innovative ideas into day to day operations that improve the efficiency and effectiveness of the way we deliver our services to customers.

View



System and Network

Information and data related to network assets and system operation; for example the various Long Term Development Statement tables.

View



System Planning

Looking and planning further ahead, and doing so in a strategic and cost-effective manner, is key to achieving National Grid's vision of being at the heart of a clean, fair and affordable energy future. The data in this section provides insights into assumptions for future demand growth under various scenarios (DFES), network constraints and solutions identified over a 10-year period (NDP), and network investment decisions following cost benefit analysis and flexibility procurement, where applicable (DNOA).

View

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Connected Data Portal (CDP) – <https://connecteddata.nationalgrid.co.uk>

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Search datasets

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90 Datasets found

Order by: Relevance

Live Power Cuts

CSV PDF

You can see a live-map of all power cuts and problems in the National Grid Electricity Distribution area here. You can call 105 to report or get information about power cuts in...

Live GSP Data - South Wales

CSV PDF

This dataset contains live data for the South Wales network listed by Grid Supply Point (GSP). GSPs are the point at which the national transmission network, operated by...

Live GSP Data - South West

CSV PDF

This dataset contains live data for the South West network listed by Grid Supply Point (GSP). GSPs are the point at which the national transmission network, operated by National...

Live GSP Data - East Midlands

CSV PDF

This dataset contains live data for the East Midlands network listed by Grid Supply Point (GSP). GSPs are the point at which the national transmission network, operated by...

Live Data

CSV PDF

This dataset contains live data for the NGED network listed by Licence Area.

BSP Power Flow Data - West Midlands

CSV PDF

Note: the methodology used to generate these datasets has been updated as of 18/06/2025. The datasets have been extended to include data for the previous week, alongside...

Live Primary Data - South Wales

CSV PDF

This dataset contains live data for the South Wales network listed by Primary substation. This data looks at 5 minute time periods for the previous day.

Live GSP Data - West Midlands

CSV PDF

This dataset contains live data for the West Midlands network listed by Grid Supply Point (GSP). GSPs are the point at which the national transmission network, operated by...

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Accessing our Data sets

- Approximately 1/3 of users access the Connected Data Portal through the **front-end** of the website, navigating **manually** to access & navigate to data sets, & clicking to download.
- The remaining 2/3 of interactions to our open data is through the **back-end** of the portal, via **API Tokens**
- **APIs (Application Programming Interface)** provide stakeholders with the **ability to build custom interfaces** to our published data sets and **consume our data** in an automated & scalable way
- In making 60% of NGED's **network data available** via an **interactive API**:
 - ✓ Meeting a core RIIIO-ED2 Business Plan commitment
 - ✓ Supporting the requirements of Ofgem's *Data Best Practice Guidance*).

APIs

- You need to register to set up an **API Token** in order to set up automated data extraction



API Guidance

Introduction

This page provides guidance on how to code the technical stuff so that you can access the information without having to go to the site. This is a brief overview of the CKAN API, demonstrating some example API calls. To fully utilise the API, some general programming skills are helpful, but not essential.

API Tokens

- **API** extracted data can then be **integrated** into your own systems for analysis
- **Frequency** of data extraction can be set to your own timescales, or automatically extracted whenever data is **updated by NGED**



Data in Focus

Uses of our Data Sets

Uses of our Data – Academic study

- Low Carbon Technologies (LCT)



- Distribution Future Energy Scenarios (DFES)



- Primary / Secondary ESA data (Electricity Supply Area)



LCT Connections

Connections

Subscribe

This dataset contains the number of low carbon technology connections to the National Grid Electricity Distribution network aggregated by primary substation, low carbon technology type and month for the period from April 2017

Data Files

<https://connecteddata.nationalgrid.co.uk/dataset/lct-connections>

Distribution Future Energy Scenarios (DFES)

System Planning

Subscribe

The Distribution Future Energy Scenarios (DFES) outline the range of credible futures for the growth of the distribution network, and represents the first step in the National Grid Electricity Distribution (NGED) investment planning process. More information can be found at [National Grid - Distribution Future Energy Scenarios](#).

The yearly DFES publications can be viewed at [National Grid - Distribution future energy scenarios regional information](#) for each of NGED's licence areas, and include review and methodology documents, as well as stakeholder engagement reports.

A visual representation of the scenarios is available in the form of an interactive map at [National Grid - Distribution Future Energy Scenarios Map](#).

The data files below contain tabular data related to the latest DFES publication, comprising:

- Load profiles for various technology types (DFES Profiles), including, for each year, the proportion of customers projected to be following either flexed or unabated profiles (DFES Profile Splits)
- Annual energy consumption and generation for each Local Authority under each DFES Scenario, detailing the percentage of demand met by renewable distributed generation (DFES Energy Projections)

<https://connecteddata.nationalgrid.co.uk/dataset/dfes>

Spatial Datasets

System and Network

Subscribe

Since 2016, National Grid Electricity Distribution have developed an approach to geographically map areas of our network. These are defined as Electricity Supply Areas (ESA). This dataset contains the ESAs in addition to the process and validation for primary substations, BSP and GSP polygons.

Data Files

Name	Format	Last Changed	Download
East Midlands BSP	pkg	1 year ago	Explore
East Midlands GSP	pkg	1 year ago	Explore
East Midlands Primary	pkg	9 months ago	Explore
South Wales BSP	pkg	1 year ago	Explore
South Wales GSP	pkg	1 year ago	Explore
South Wales Primary	pkg	9 months ago	Explore
South West BSP	pkg	1 year ago	Explore
South West GSP	pkg	1 year ago	Explore
South West Primary	pkg	9 months ago	Explore
West Midlands BSP	pkg	1 year ago	Explore
West Midlands GSP	pkg	1 year ago	Explore
West Midlands Primary	pkg	9 months ago	Explore
West Midlands Distribution	pkg	1 year ago	Explore
South West Distribution	pkg	1 year ago	Explore
East Midlands Distribution	pkg	1 year ago	Explore
South Wales Distribution	pkg	1 year ago	Explore
Data Sharing Assessment	pdf	1 year ago	Explore

Uses of our Data – Flexibility Markets...



- WHERE_ALL_postcodes



- Post code spreadsheet



- LV Long Term Trade Parameters



LV - Long Term Trade Parameters

Download (csv)

Data API

Datasets <https://connecteddata.nationalgrid.co.uk/dataset/lct-connections>

Home / Dataset / Flexibility – Forecasts / WHERE All Postcodes

WHERE All Postcodes

Download (zip) Data API

WHERE_All_Postcodes [Read-Only] - Excel

Pyne, Vaughan

File Home Insert Page Layout Formulas Data Review View Developer Help

Normal Page Break Preview Custom Views Ruler Formula Bar Gridlines Headings Zoom 100% Zoom to Selection

Workbook Views Show Window Macros

Datasets <https://connecteddata.nationalgrid.co.uk/dataset/flexibility-trades-data-and-results/resource/47f87588-f05d-4a44-83ca-c1f90b101cdc>

Home / Dataset / Flexibility – Trades Data and Results / LV - Long Term Trade Parameters

LV - Long Term Trade Parameters

Download (csv) Data API

Dataset description:

Overview This dataset contains information on what we will look to put forward in our upcoming trades, with the aim to provide more visibility ahead of the actual trade opportunities. For...

Source: Flexibility – Trades Data and Results

Data Explorer

Add Filter

_id	CMZ Code	CMZ No.	Trade O...	Trade O...	Trade Cl...	Licence	Flexibili...	Service	Minimu...	Maximu...	Ceiling	Ceiling	Capacit...	Capacit...	Night O...	Night O...	Morning...	Morning...	Afterno...	Afterno...	Evening...	Evening...	Monday...	Tuesday...	Wednes...	Thursda...	Friday...	Saturda...	Sunday...
1	CMZ_LV...	870101	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	14.25	119.91	343.85	02/11/2028	20/02/2027							16:00	20:00	1	1	1	1	1	0	0
2	CMZ_LV...	870109	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	47.7	89.85	288.44	02/11/2028	20/02/2027							16:00	20:00	1	1	1	1	1	0	0
3	CMZ_LV...	870599	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	7.5	31.42	92.41	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
4	CMZ_LV...	870683	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	7.05	33.42	98.29	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
5	CMZ_LV...	870685	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	8.85	53.25	150.82	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
6	CMZ_LV...	871249	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	5.55	42.45	124.88	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
7	CMZ_LV...	871626	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	10.5	44.68	132	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
8	CMZ_LV...	871998	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	11.25	20.94	81.59	02/11/2028	20/02/2027	00:00	04:00							1	1	1	1	0	0	
9	CMZ_LV...	871999	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	4.5	28.18	77	02/11/2028	20/02/2027	00:00	04:00							1	1	1	1	0	0	
10	CMZ_LV...	871870	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	119.55	27.87	81.97	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
11	CMZ_LV...	872051	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	9.3	50.86	148.08	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
12	CMZ_LV...	872109	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	47.1	70.74	208.08	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
13	CMZ_LV...	872148	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	21.45	21.97	84.62	02/11/2028	20/02/2027	00:00	04:00							1	1	1	1	0	0	
14	CMZ_LV...	872313	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	10.5	141.4	415.88	02/11/2028	20/02/2027							16:00	20:00	1	1	1	1	0	0	
15	CMZ_LV...	872385	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	7.8	60.42	177.71	02/11/2028	20/02/2027			08:00	12:00					1	1	1	1	0	0	
16	CMZ_LV...	872409	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	5.25	88.77	264.93	02/11/2028	20/02/2027									1	1	1	1	0	0	
17	CMZ_LV...	872688	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	26.25	129.63	373.32	02/11/2028	20/02/2027	00:00	04:00							1	1	1	1	0	0	
18	CMZ_LV...	872892	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	26.4	128.21	371.21	02/11/2028	20/02/2027			16:00	20:00					1	1	1	1	0	0	
19	CMZ_LV...	873142	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	40.55	81.97	241.09	02/11/2028	20/02/2027			16:00	20:00					1	1	1	1	0	0	
20	CMZ_LV...	873181	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	58.3	59.85	159.85	02/11/2028	20/02/2027			16:00	20:00					1	1	1	1	0	0	
21	CMZ_LV...	873318	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	32.1	103.8	300.29	02/11/2028	20/02/2027			16:00	20:00					1	1	1	1	0	0	
22	CMZ_LV...	873362	Winter 2...	2025-09...	2025-11...	East Mid...	Schedul...	Demand...	0	58.5	64.35	165.28	02/11/2028	20/02/2027			16:00	20:00					1	1	1	1	0	0	

Visualising our Data Sets

Our stakeholders tell us of their different needs and expectations in engaging with our data.

In serving the different users of data, we are committed to ensuring we share:

✓ the right data

✓ in the right format

✓ at the right time

Live data viewer

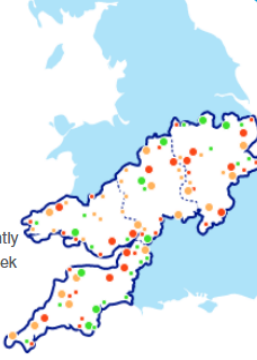
Provides live and historic data for demand, import and generation for each of our four licence areas.



[Find out more](#)

Network flexibility map

Where our network is currently seeking flexibility, or may seek it in the future.



[Network flexibility map](#)

DFES map

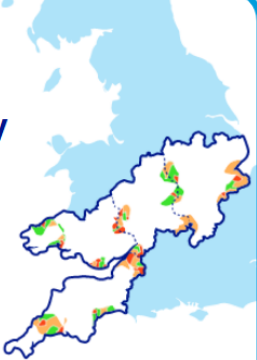
View the range of credible futures for the growth of the distribution network.



[DFES map](#)

Network Opportunity Map

Our network capability to connect large-scale developments and electric vehicles.



[Network Opportunity Map](#)

[National Grid - Maps hub](#)

Data in Focus

Network Opportunity Map (NOM)

Henry Walker,
DSO Models & Data Team Leader

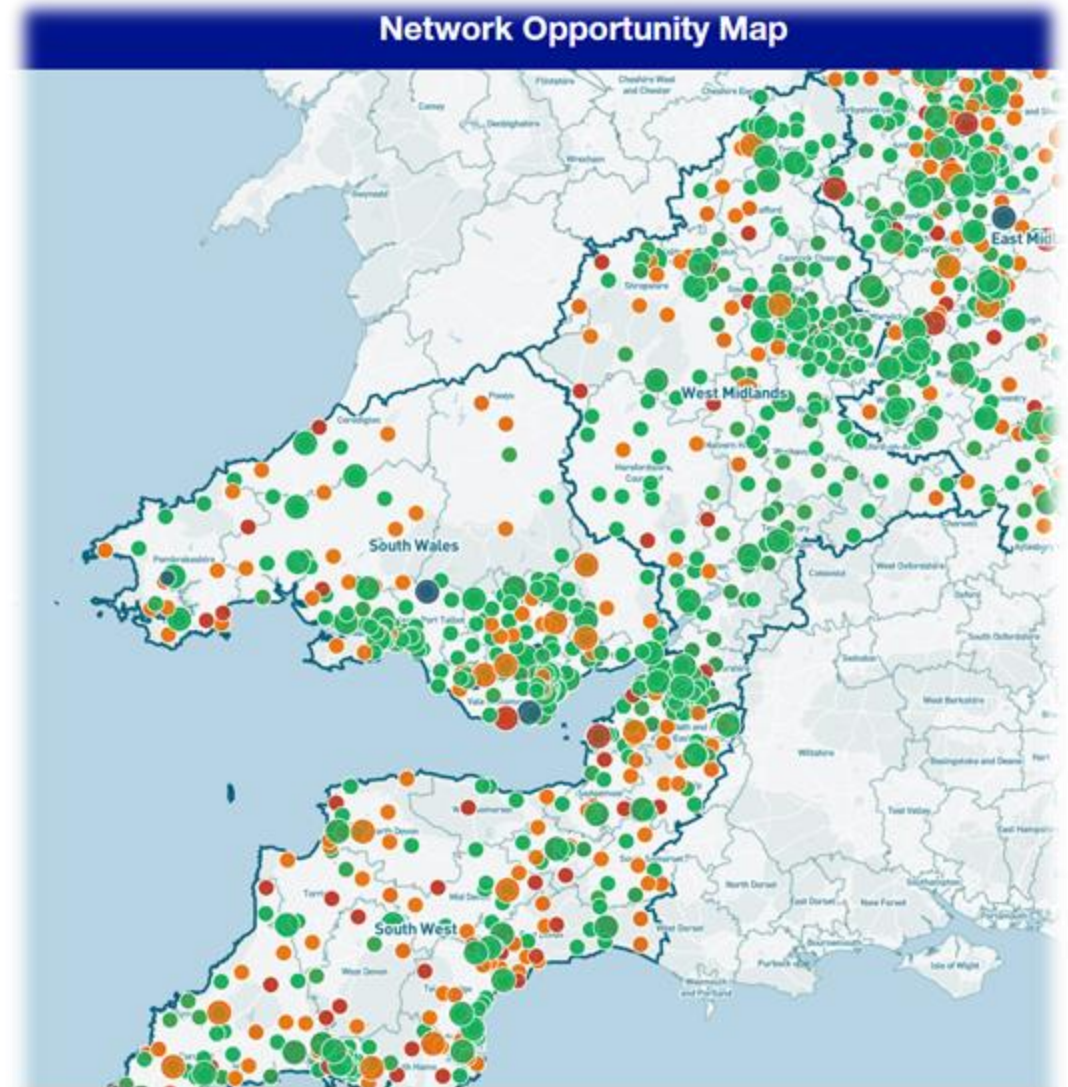


Network Opportunity Map – Introduction

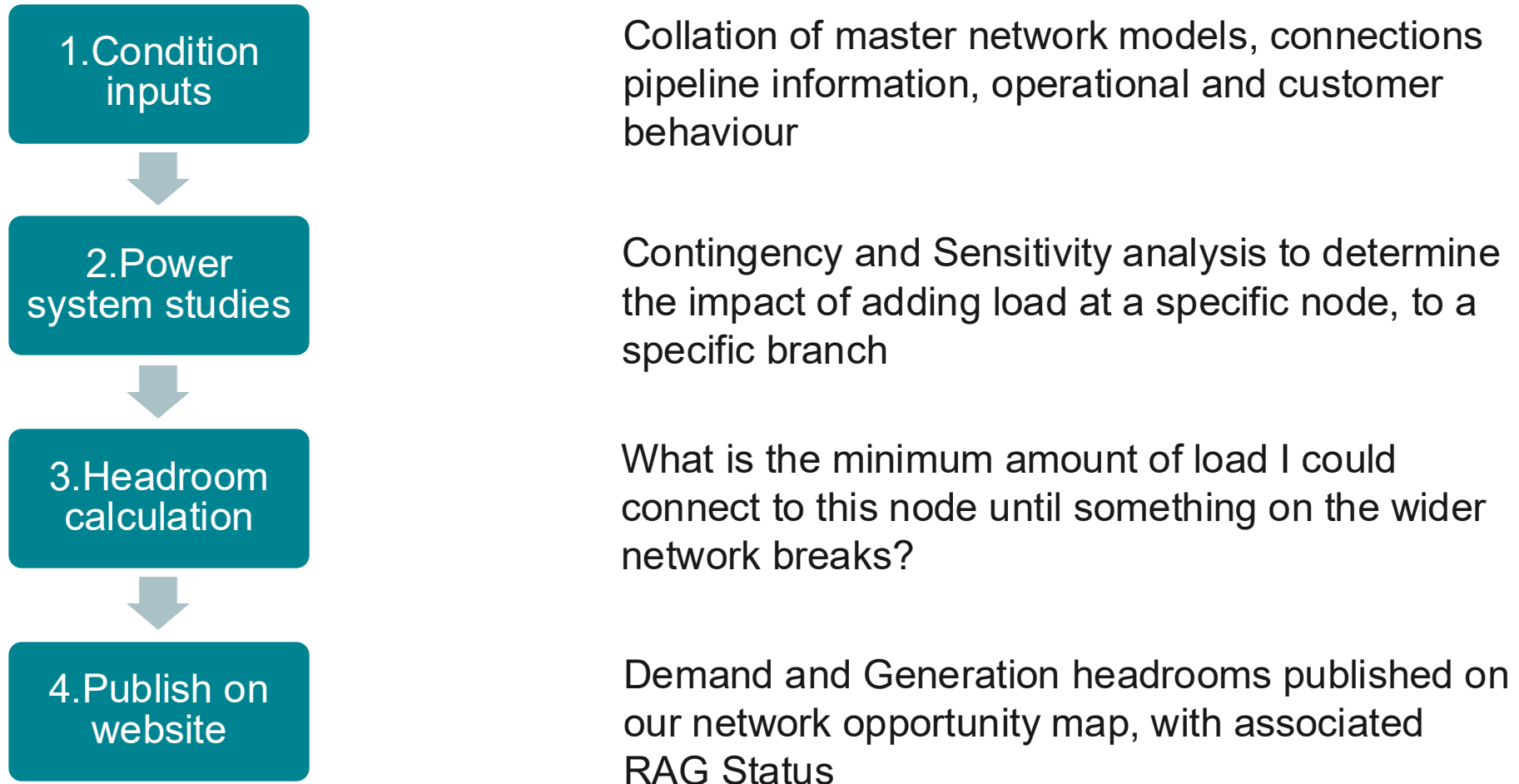
Inaugural map published in February 2025 to provide an indicative view of headroom available for additional demand and generation on our network.

Supersedes the former previous Network Capacity and EV Maps with improved network analysis algorithm

We have completed an incremental data refresh this September (2025).



Network Opportunity Map - Methodology



Network Opportunity Map - Future Development

We are looking to expand our methodology further alongside the upcoming Network Development Plan, subject to feedback. This could include:

- Making more data available for:
 - Consideration of certain outage conditions for headroom calculation
 - Consideration of upstream network constraints
 - Assumptions on behaviour for future connections
- Integration with curtailment data, where appropriate, to indicate possible curtailment at sites with low headroom

Primary (Demand)

Hide ←

Choose map type: [Help me](#)

Primary (Demand) ▼

Filter by:

Connected **Contracted**

Supply type

Show all ▼

Demand constraint

Show all ▼

Licence area

Show all ▼

Local authority area

Show all ▼

Location / Substation number

Search... 🔍

Reset map

Substation details

Hide



Substation name ×
Mitcheldean 33/11Kv
Substation type
Primary
Substation number
790014

Demand Connected Headroom (MW)	6.4
Demand Connected RAG	green
Demand Contracted Headroom (MW)	4.6
Demand Contracted RAG	amber
Generation Connected Headroom (MW)	8.7
Generation Connected RAG	green
Generation Contracted Headroom (MW)	5
Generation Contracted RAG	amber
GSP	Port Ham 132Kv S Stn
BSP	Lydney 33Kv S Stn
Description	Primary Substation
Area	West Midlands

Network Opportunity Map - Future Development

- We acknowledge the wide stakeholder base who are utilising the NOM
- Our initial suggestions based on your feedback:
 - A further presentation on our website as to how a typical user would interact with the map
 - Streamlining the interface to DNO and DSO colleagues to help progress further conversations
- We want to hear from you
 - Feedback to: nged.netopmapfeedback@nationalgrid.co.uk

Tell us your views

It is important for us to understand your needs and how we support your interaction with our data.

**Have you used our
Network Opportunity
Map?**

**Do you have any
feedback on our
Network Opportunity
Map?**



Future Data

Curtailment Data

**Will Topping,
DSO Curtailment Team Leader**



Future Data Sets – Curtailment Data

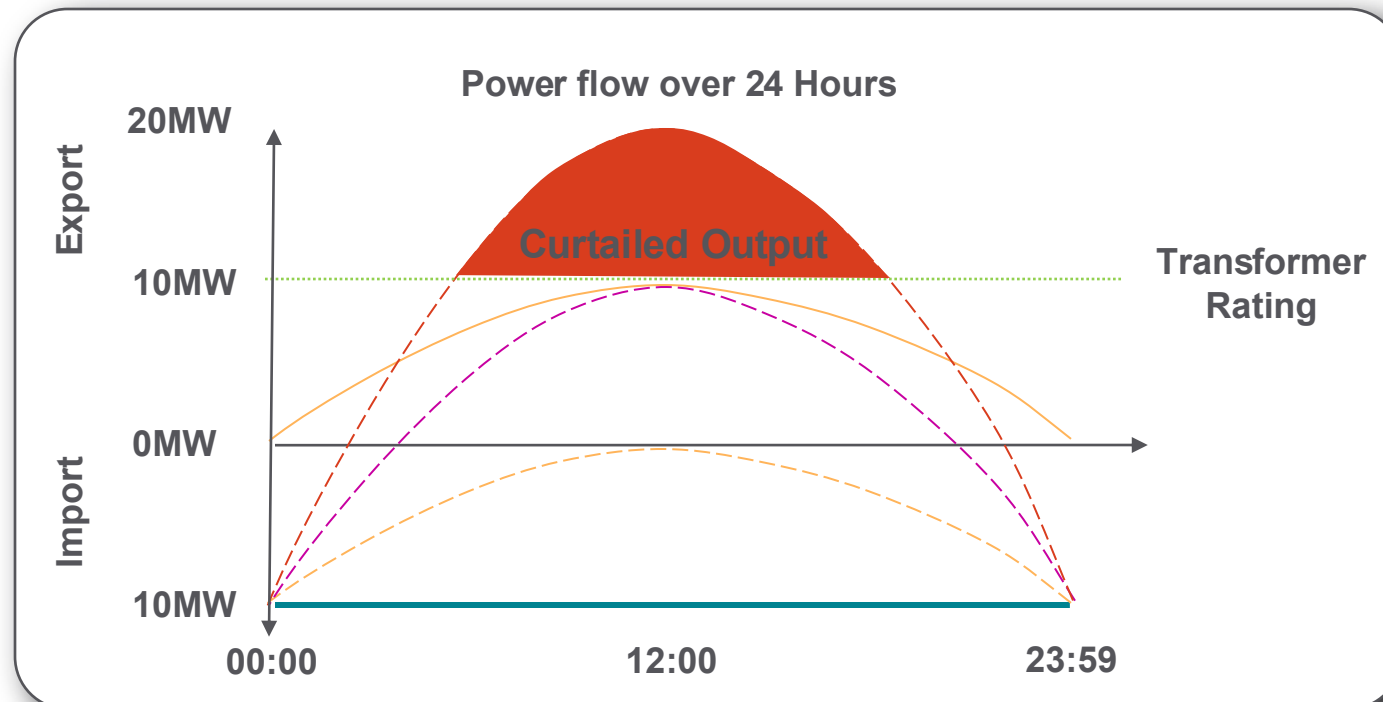
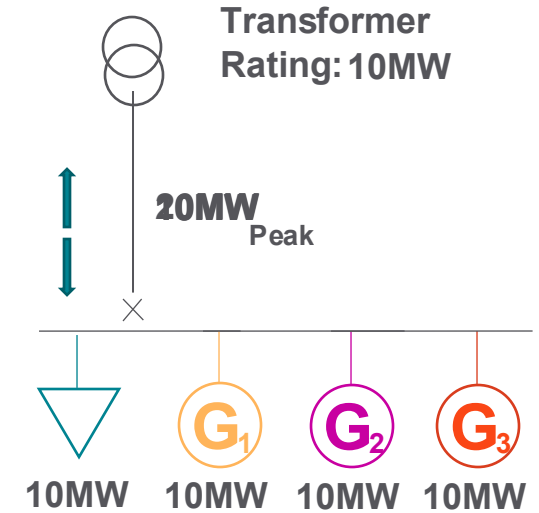
- Curtailment analysis goes hand in hand with the [Connections Queue](#).
- We will be providing:
 - Raw [curtailment](#) data,
 - [Methodology](#) of NGEDs curtailment analysis
- Allowing [clearer insight](#) into the [curtailment associated](#) with the [amended connections queue](#).

NGED provides a [curtailment report](#) in support to a Connection offer, to give an indication of the level of curtailment a connection may experience. By [providing raw curtailment data](#), stakeholders will be able to [self-assesses](#) the [likelihood](#) and the [scale](#) of potential curtailment that a [prospective site](#) may* expect.

*insights are intended to be used as an [indicative](#) tool to assist early stage site assessments, and [not as a replacement](#) to the detailed curtailment report that would be issued as part of an NGED Connection Offer.

Concept of Curtailment

- Existing 10MW demand
- New 10MW PV site connects
- Second 10MW PV site connects
- Third 10MW PV site connects

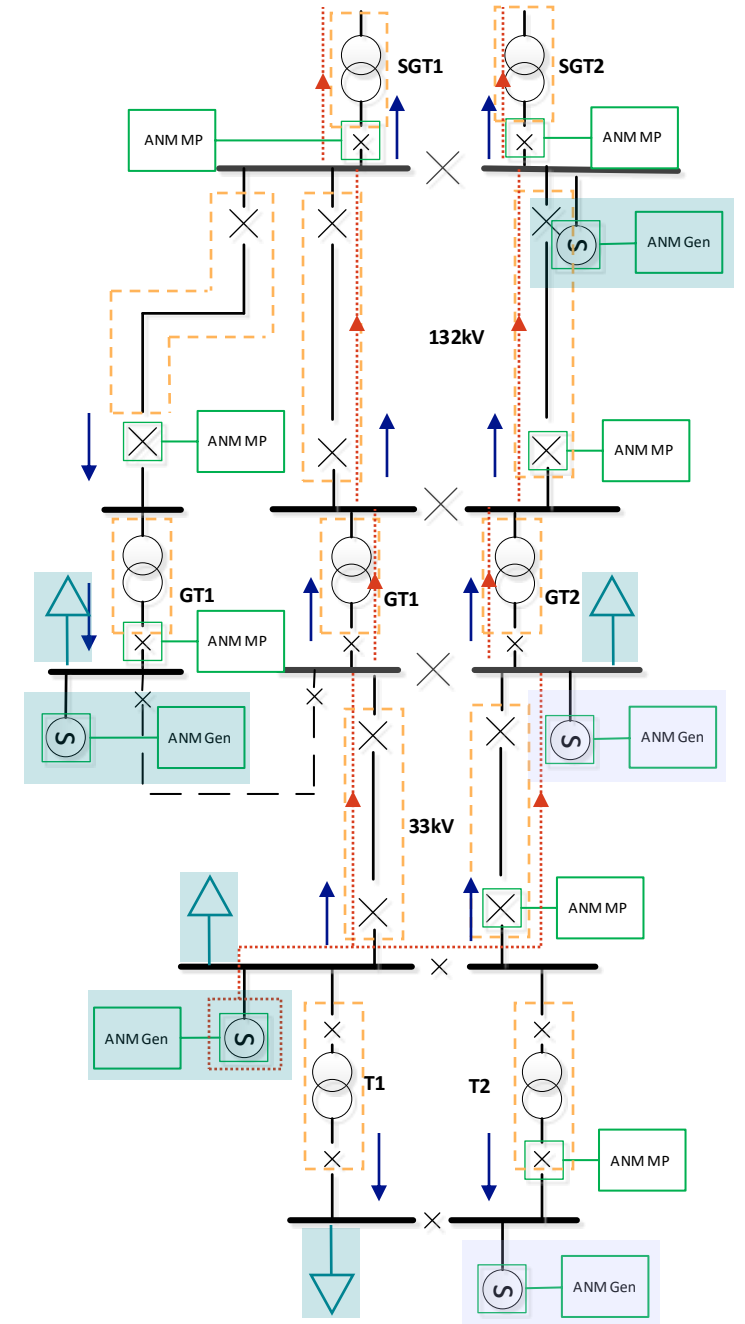


Curtailment Analysis - Input Data

1. Substation Load
2. Generic Generator Profiles
3. Sensitivity Factors
4. Branch Load
5. Asset Ratings (pre-event limits)
6. Connection Queue

ANM – Active Network Management
 DANM – Distribution ANM
 SGT ANM – Super Grid Transformer ANM
 TL ANM – Technical Limit ANM

GSP 1	DANM 33/11kV Tx	DANM 33kV Circuit	DANM 132/33kV Tx	DANM 132kV Circuit 1	DANM 132kV Circuit 2	SGT ANM	TL ANM
1			✓				
2			✓				
3	✓						
4	✓						
5			✓	✓			✓
6							✓
7	✓	✓					✓
8			✓	✓		✓	✓
9			✓	✓		✓	✓
10					✓	✓	✓
11					✓	✓	✓
12		✓			✓	✓	✓



Curtailment Data Sets - (data to be published)

1. Substation Load

Power	MW	MVAr	MW	MVAr	MW	MVAr
Unique ID	AARO3_MAIN1		ASHW5		BARQ5	
01/01/2024 00:00	0.937	0.308	0.124	0.041	4.66	-0.54
01/01/2024 00:30	0.931	0.306	0.124	0.041	5.79	-0.4
01/01/2024 01:00	0.928	0.305	0.162	0.053	6.03	-0.4
01/01/2024 01:30	0.93	0.306	0.19	0.062	5.89	-0.43
01/01/2024 02:00	0.933	0.307	0.256	0.084	5.67	-0.43

4. Branch Load

From bus number	To bus number	Ckt id	Half hour	Load mw
7001	735905	L1	01/01/2024 00:00	-2.679
7001	735905	L1	01/01/2024 00:30	-2.955
7001	735905	L1	01/01/2024 01:00	-2.934
7001	735905	L1	01/01/2024 01:30	-2.76

Historic Load

2. Generic Generator Profiles

TimeStamp CE	Wind	PV	Other
01/01/2024 00:00	0.8458	0	1
01/01/2024 00:30	0.8458	0	1
01/01/2024 01:00	0.8615	0	1
01/01/2024 01:30	0.8503	0	1
01/01/2024 02:00	0.8186	0	1

Generator Profiles

5. Asset Ratings (pre-event limits)

From bus number	To bus number	Ckt id	Rating	PEL_raw
7001	735905	L1	16.2	6.7
7001	735905	L1	14.4	5.9
7001	766403	L1	16.2	7
7001	766403	L1	14.4	6.2

Asset Rating

3. Sensitivity Factors

From bus number	To bus number	Ckt id	Bus number	Sensitivity factor mw
7000	7001	L1	7000	-1
7000	7001	L1	700001	-1
7001	735905	L1	7000	-0.5148
7001	735905	L1	7001	-0.5142

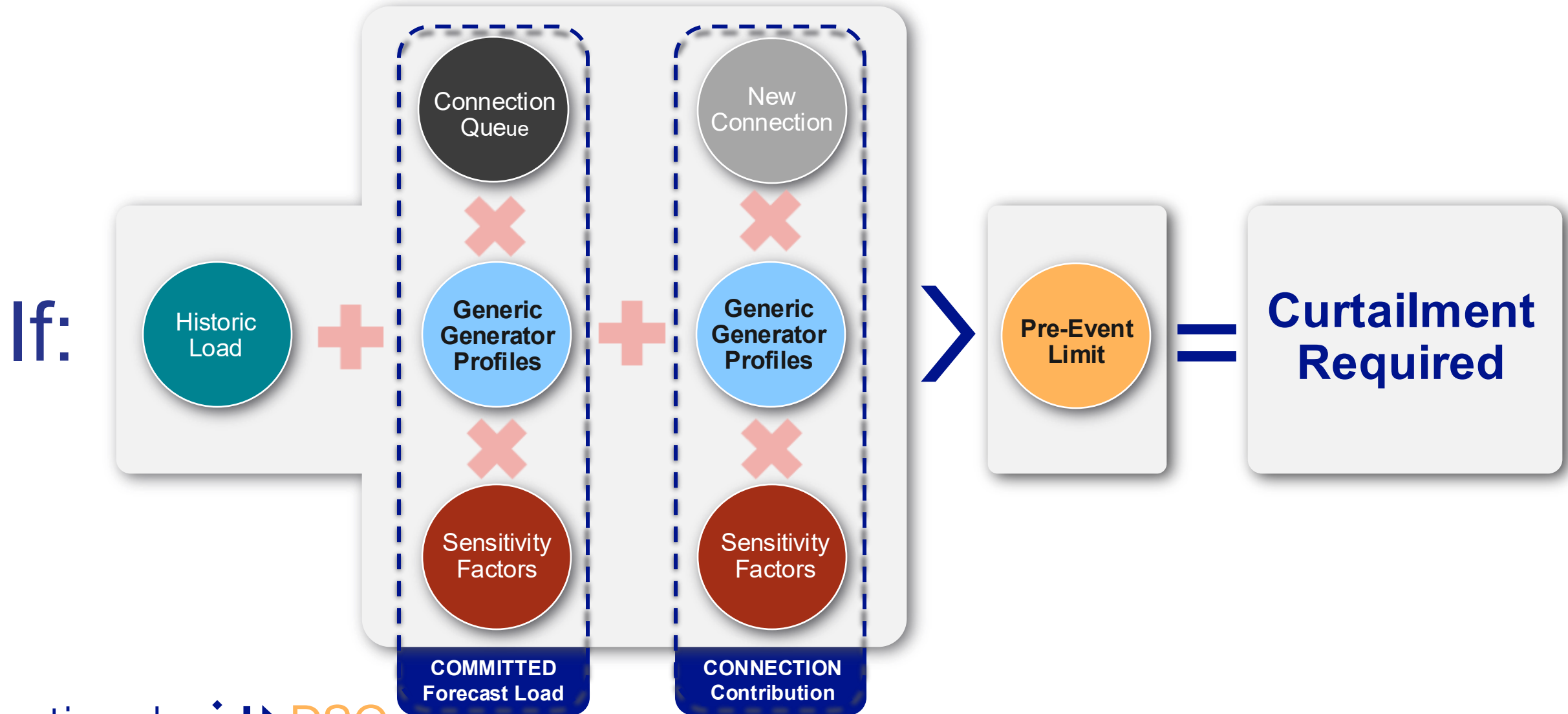
Sensitivity Factors

6. Connection Queue

TANM	Technical Limits	SGT RPF	DANM	Export Capacity (MW)	Import Capacity (MW)	Scheme Status	Fuel Type	Node Name
Yes	No	Yes	Yes	2.3	0.024	Connected	Wind	VTNG3_MAIN1
Yes	No	Yes		30	0	Accepted	PV	TRNW3
Yes	No	Yes	Yes	44	25	Accepted	PV, BESS	TRSC3
Yes	No	Yes	No	15	5	Accepted	PV, BESS	MENR3_MAIN1

Connection Queue

Curtailment Methodology – (using Curtailment Data)



Roadmap to accessing curtailment data

Availability	
NGED Curtailment Report	• Based on the network at the time of the application • Calculated by NGED to inform the decision of whether to accept
Provision of Curtailment Data	• Internet based data, made available on NGED's online Connected Data Portal • Enables customer's own analysis
Self-serve Tool	• Internet based tool to provide estimate of analysis at any point on our network • Simplified version of the report that is provided with a Connection Offer

Future Data

Evolving Data Portal

**Vaughan Pyne,
Strategic Engagement Officer**

nationalgrid ▶ **DSO**



Evolving Data Portal

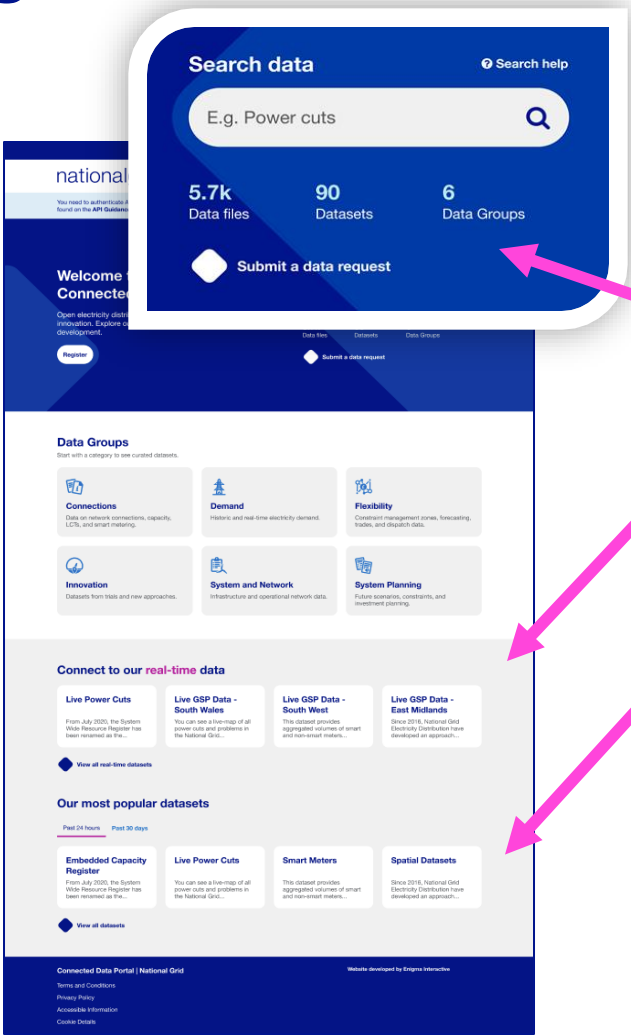
In response to stakeholder feedback the CPD:

- Introduced **Live Data sets**
 - providing **real-time insights** into transformer flows & live power cuts
- Increased the **frequency** of dates on some of our key datasets, i.e.:
 - **flexibility market**
 - underlying data of **Network Opportunity Map**.
- Evolving from **Connected Data Portal** ➔ **Rebranded Data Portal**
 - improve presentation,
 - visibility,
 - user interfaces
 - additional dashboards

Rebranded Data Portal – Homepage Screen



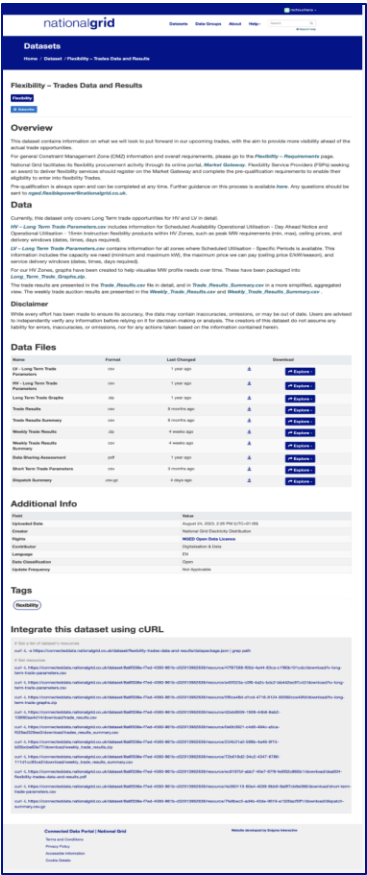
Today's design



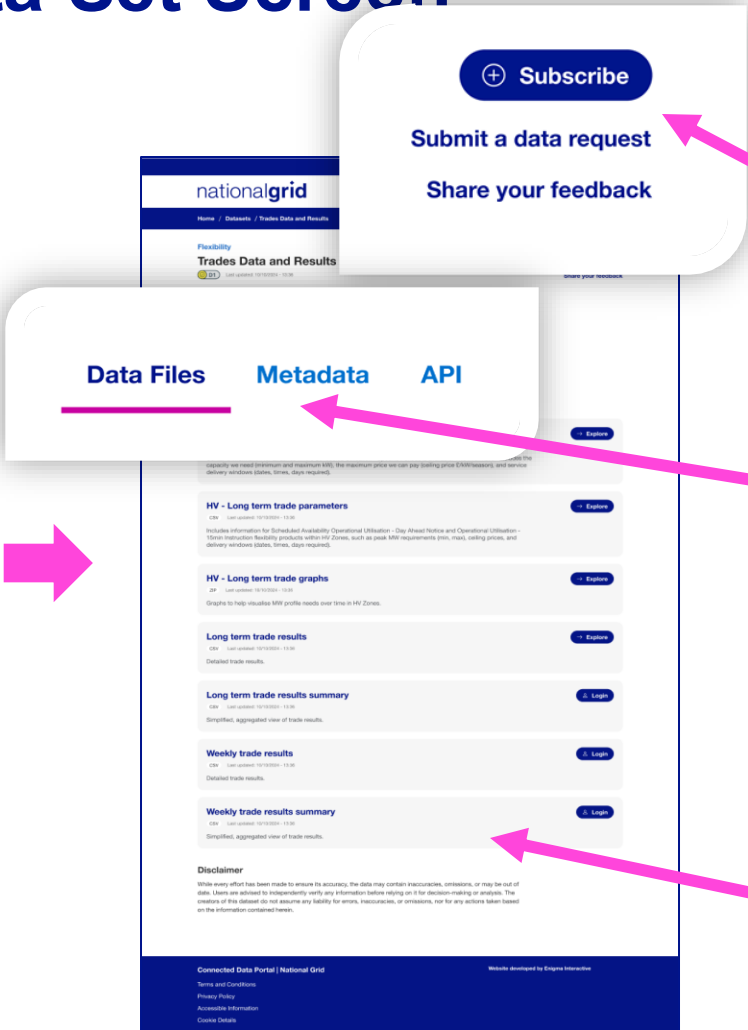
Proposed design

- Clearer layout
- Improved search visibility
- Easier to explore real time data
- Better visibility of most popular datasets

Rebranded Data Portal – Data Set Screen



Today's design



Proposed design

- Clearer layout
- Improved visibility of option to subscribe to a dataset
- Tabs for files, metadata and API information so you only see what you need, when you need it
- Visible file descriptions so you know what each file is

Rebranded Data Portal – shaped for YOU

Rebranded Data Portal re-vamp



Longer-term improvements & portal functionality

What improvements would you like to see?

- Useability?
- Insight mechanisms?
- Dashboards?

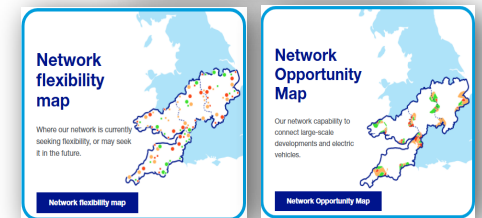
Help **NGED** to keep delivering:

- ✓ the **right data**
- ✓ in the **right format**
- ✓ at the **right time**

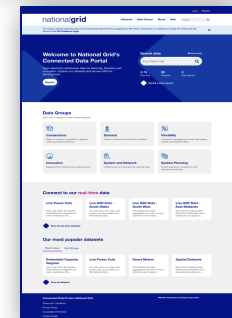
Summary

Summary

- The **Connected Data Portal** is the gateway to our open data
- Access data via either **front-end manual engagement** or **back-end API endpoint**
- Utilise our visual dashboards for **data insights**, such as our **Network Flexibility** and **Network Opportunity Maps**
- Upcoming **new data sets**: include **Self-Serve Curtailment Portal**, **raw Curtailment data**, **Connections Queue** & **Secondary transformer Phasing Data**
- Be involved in the conversation: for our **Rebranded Data Portal** **New data sets**, **improved data accessibility** or **meta data descriptions**



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7001	735805	L1	7000	-0.5148
7001	735805	L1	7001	-0.5142



We want to hear your views

It's important to us to make sure we are delivering what you need.

Has today improved your understanding of our data tools?

After today, how much do you think you'll use our data tools and platforms?



Data Experts

Panel Q&A



Phil Moseley
Head of System
Models and Data



Phil Lawson
Data Engineering
and Process
Manager



Malachi Moses-Gair
DSO Data Engineer



Rebecca Harris
Rebrand Data
Portal Product Owner



Will Topping
DSO Curtailment
Team Leader



Henry Walker
DSO Models and
Data Team Leader

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