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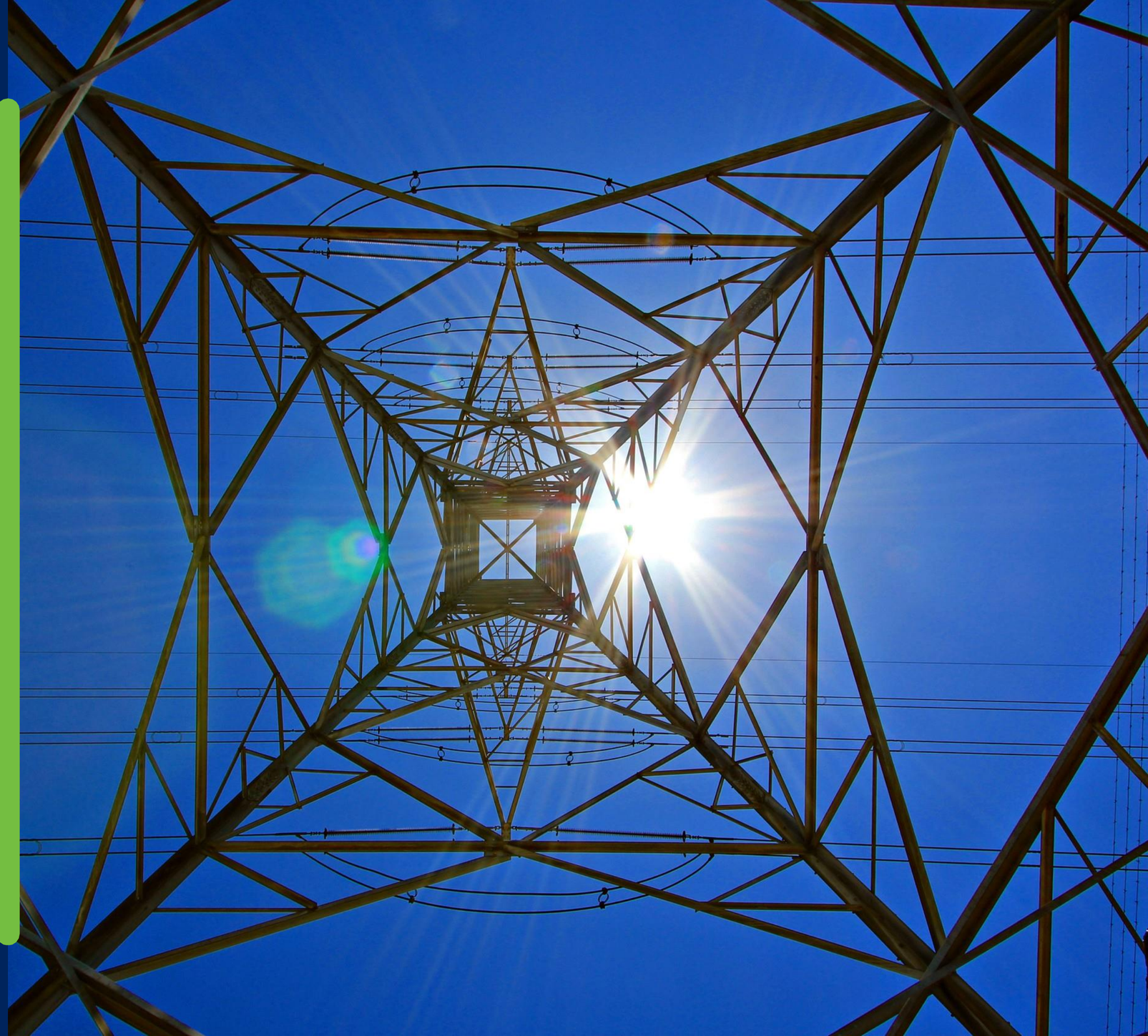
DSO Functions

Distribution Future Electricity Scenarios, Data and Flexible Services

April 2023



Welcome

Please mute your microphones

Please keep your videos switched off

Please type any questions you may have into the chat

This webinar is being recorded

Agenda

01 Distribution Future Electricity Scenarios

Christos Kaloudas
Capacity Strategy Lead

02 Network Development Plan

Gavin Anderson
Network Strategy & Compliance Manager

03 Data Portal

Ian Povey
Head of Data Management

04 Flexible Services

Kate Stewart
Flexible Solutions Analyst

05 Questions & Answers


Have you attended one of our past DSO functions events?

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DFES 2022 KEY LEARNINGS

PAVING THE WAY TO NET-ZERO IN THE NORTH-WEST

Christos Kaloudas, MEng, PhD, MIEEE
Capacity Strategy Lead (DSO)

What is DFES?

The Distribution Future Electricity Scenario (DFES) is the result of a year-long process that set out our understanding on the future of electricity demand and generation up to 2050. Our scenarios consider the impact of advances in technology, socioeconomics, central & local government policies and stakeholder plans.

We work with our stakeholders to understand where and when capacity is needed and we share our DFES and DFES-driven data (eg Network Development Plans) to inform their decarbonization (eg LAEPs) and other plans.

What can be found in DFES report and workbook?

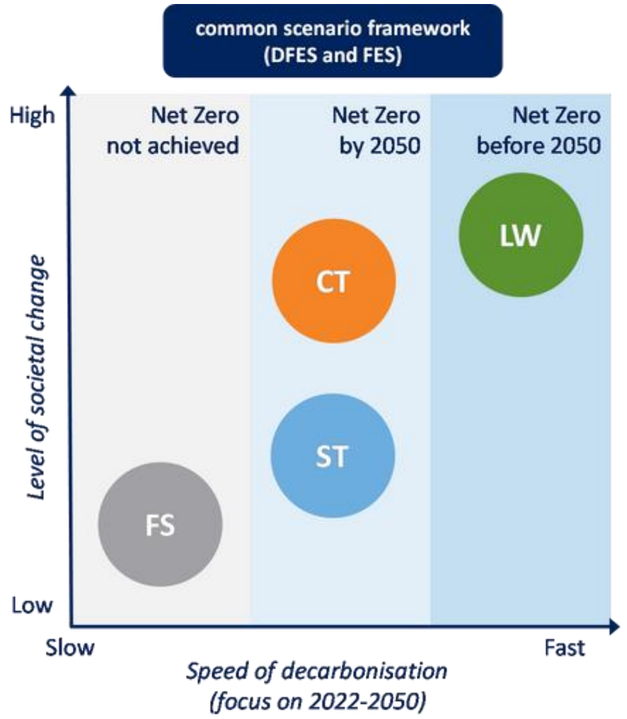
01 Bottom-up forecasts of electricity demand, distributed generation (DG), battery storage and low carbon technology volumes

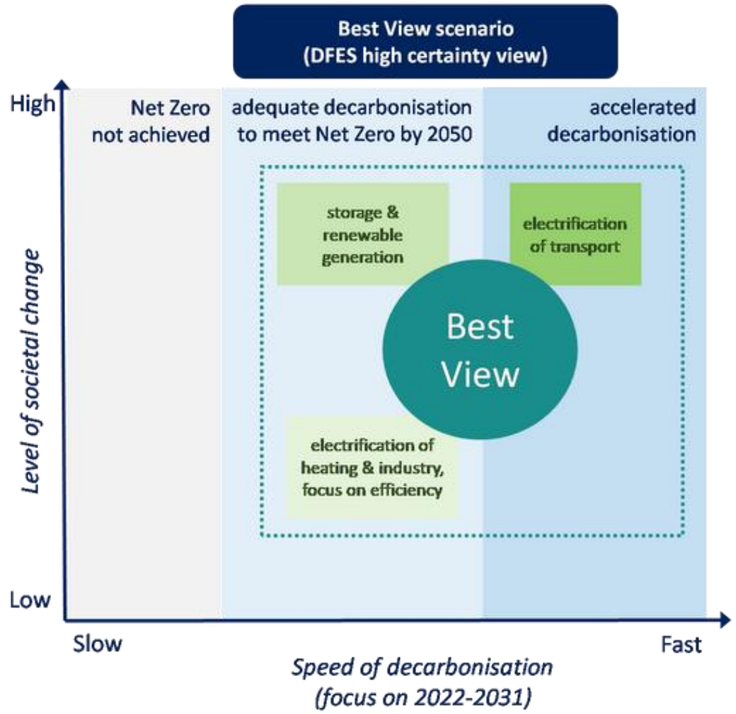
02 Information and data that drive the development of future network and facilitate decarbonization and other plans of our stakeholders

03 Data and explanations of how we forecast DSO flexibility service requirements to support local energy markets

04 Information and process diagrams showing how we support and facilitate Local Area Energy Plans LAEPs) and how these plans interact with DFES

The five scenarios





All scenarios are modelled using granular/local data and our unique bottom-up methodology developed as part of our ATLAS project, which makes them representative at local level across the North West

BV

The four scenarios follow the common framework with all DNOs and the ESO. A fifth Best View scenario is also presented focusing on the most likely forecast in our region in the 1 to 10 years horizon

Leading the way achieves Net Zero before 2050 with the highest speed of decarbonization and the highest level of societal change leading to the highest EV and heat pump uptake.

Consumer Transformation underlines a higher level of societal change than System Transformation. In this scenario we have a higher adoption of Low Carbon Technologies such as EV and heat pumps as well as more efficiency measures.

DFES workbook at a glance

Distributed Generation

Generation data with breakdown per technology (including battery storage).

Demand

Peak, minimum, EV and heat pump uptakes, residential and I&C demand growth.

Flexibility

The amount of flexibility required to postpone/avoid expensive conventional network reinforcement

Time horizon

The forecasts extend up to 2050.

Scenarios

The four common DFES-FES scenarios plus our Best View (high certainty scenario)

Granularity of forecasts

Per BSP and primary substation feeding area
Per local authority (councils & county councils)

290,000+ DATA POINTS | 34 EXCEL TABS | FROM 132KV TO LA | 435 NETWORK ASSETS | 30 YEARS HORIZON

Best View scenario

DFES 2021

2030	2040	2050
30 TWh	38 TWh	41 TWh
1.2 mil	2.7 mil	2.9 mil
0.2 mil	0.6 mil	0.8 mil
2.2 GW	2.9 GW	3.7 GW
1.1 GW	1.2 GW	1.5 GW

DFES 2022

2030	2040	2050
33 TWh	41 TWh	42 TWh
1.3 mil	2.7 mil	2.9 mil
0.23 mil	0.6 mil	0.8 mil
2 GW	2.6 GW	3.2 GW
0.9 GW	1.4 GW	1.9 GW

Peak Demand
DFES INSIGHTS

50% increase by 2038

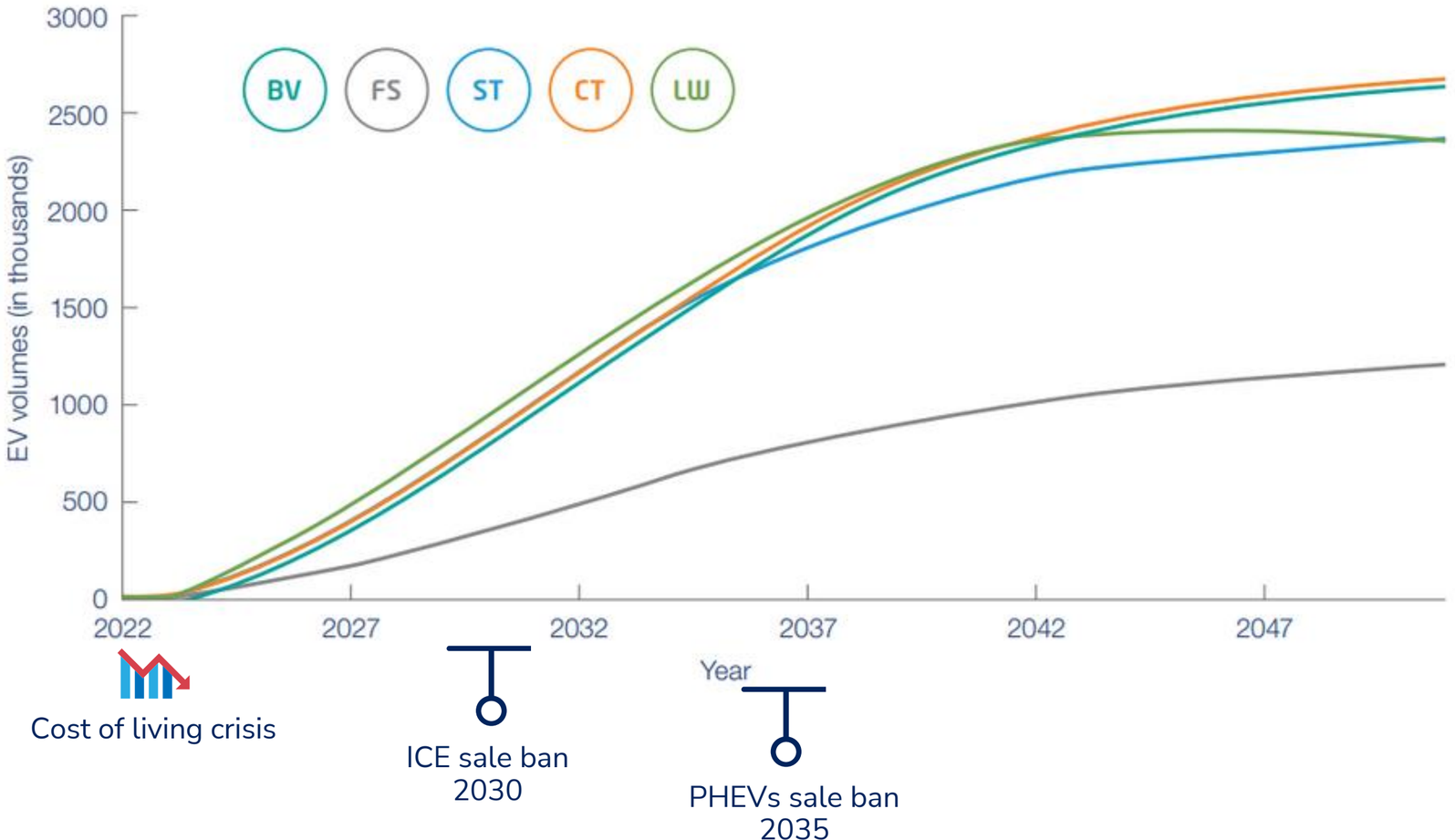
In our BV scenario we envision a 50% increase in peak demand by 2038.

EV, HP and Connection

The top three factors affecting the long term peak demand growth in our area are EVs, heat pumps and demand connection activities.

The sharp increase in LW after 2030 and CT after 2036 is due to increased adoption of heat pumps in a world where hydrogen is not used for widely for domestic heating.
The drop post 2045 is due to efficiency measures.

EV Uptake
DFES INSIGHTS



Slow Start

Due to the current energy and cost of living crisis a slow uptake of Evs expected in 2023-24.

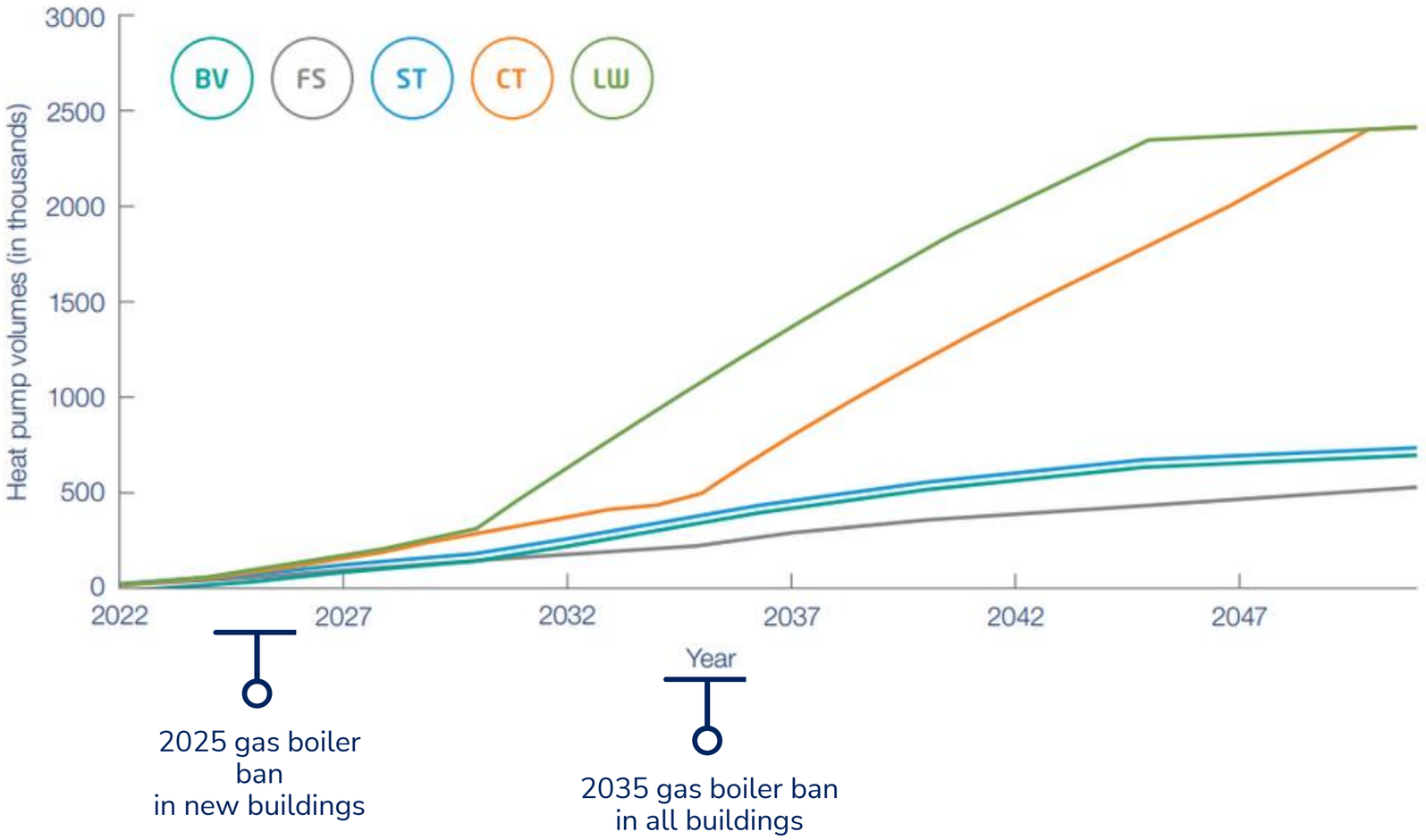
1 million EVs in 7 years

In the ENWL area only, around 1 million EVs expected by 2030 in our BV scenario.

2027 for Buses and HGV

Based on our assessment, the adoption of electric buses and HGVs expected to increase significantly in 4-5 years from now, especially in LW.

Heat Pump (HP) Uptake
DFES INSIGHTS



Hydrogen after 2040

In BV and ST a dominant future role of hydrogen in domestic heating. After 2040 all gas boilers switch to hydrogen.

UK Ambitions

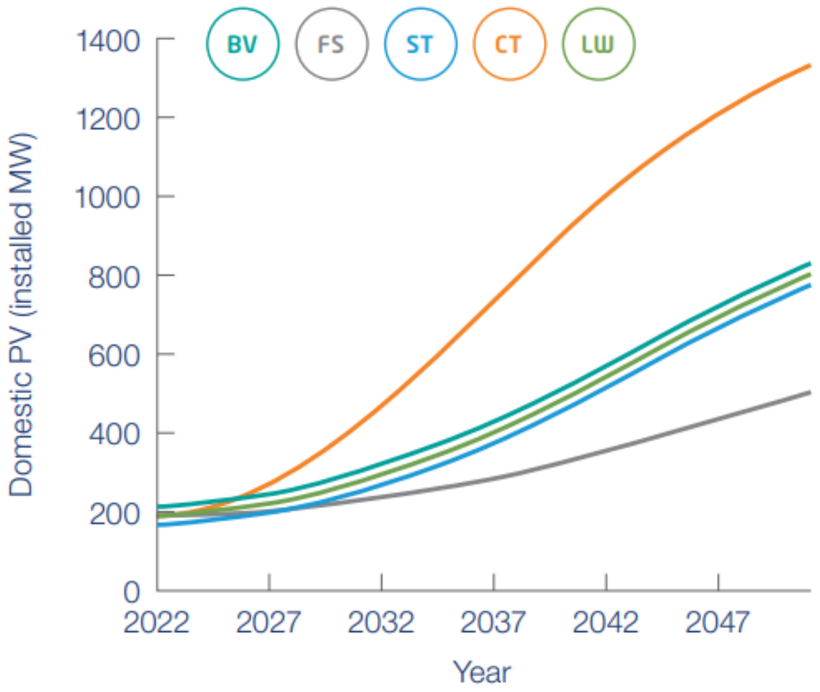
The UK government's ambition for 600,000 heat pump installations per year considered in CT.

2 out of 3 by 2040

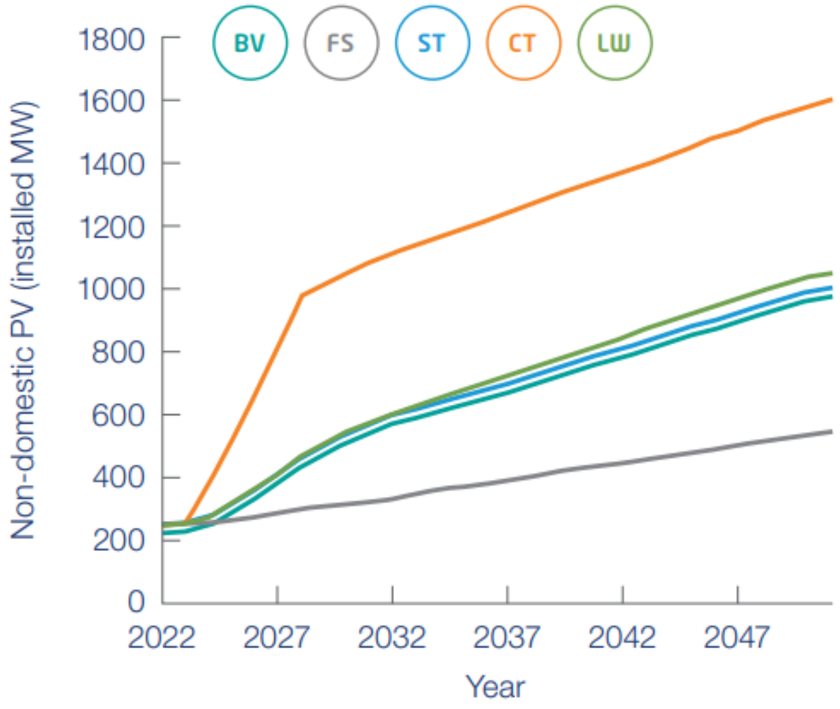
In LW and CT the electrification of heating accelerated by banning gas boilers in buildings after 2030. Over two thirds of domestic customers adopt a heat pump before 2040.

PV Uptake
DFES INSIGHTS

Domestic



Non-Domestic



5-year Pipeline

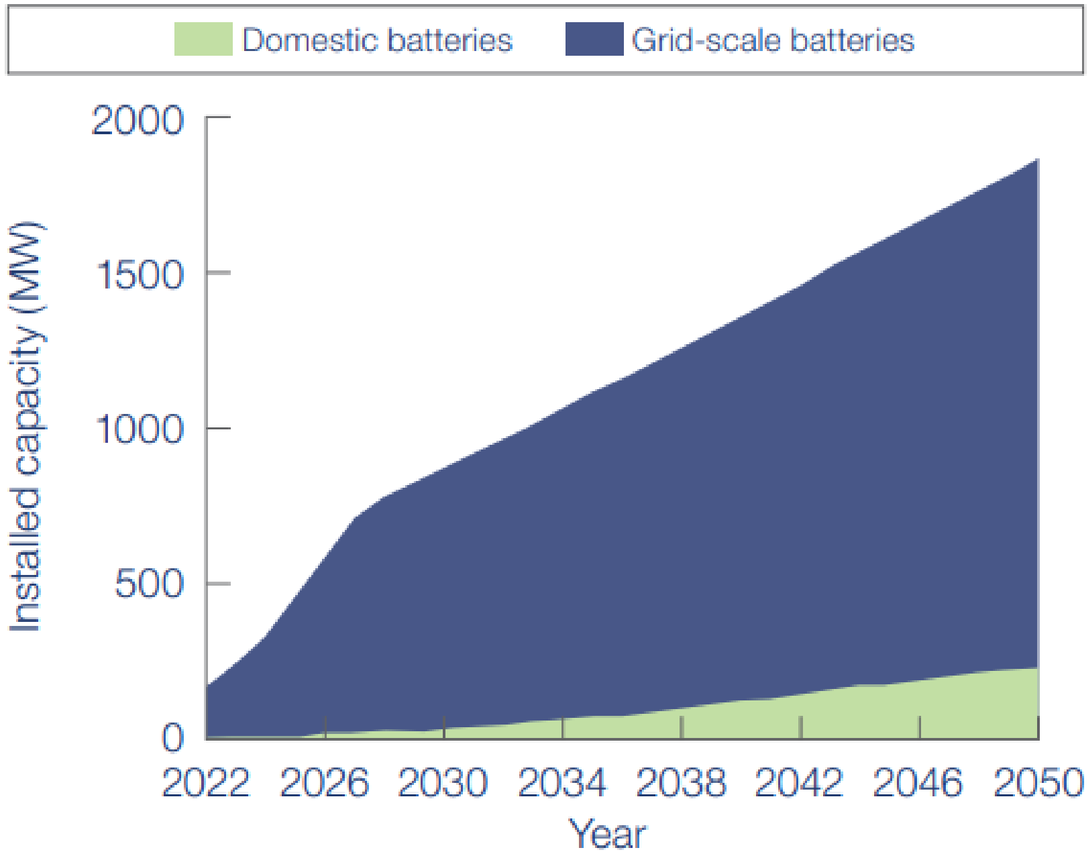
In short-term DG uptake driven by the connections pipeline.

1.8GW in CT

In CT over 1,800 MW of additional PV before 2040, fastest decarbonisation among our scenarios.

CT showing highest societal change and willingness from our customers/stakeholders to embrace new technologies

Battery Uptake
DFES INSIGHTS



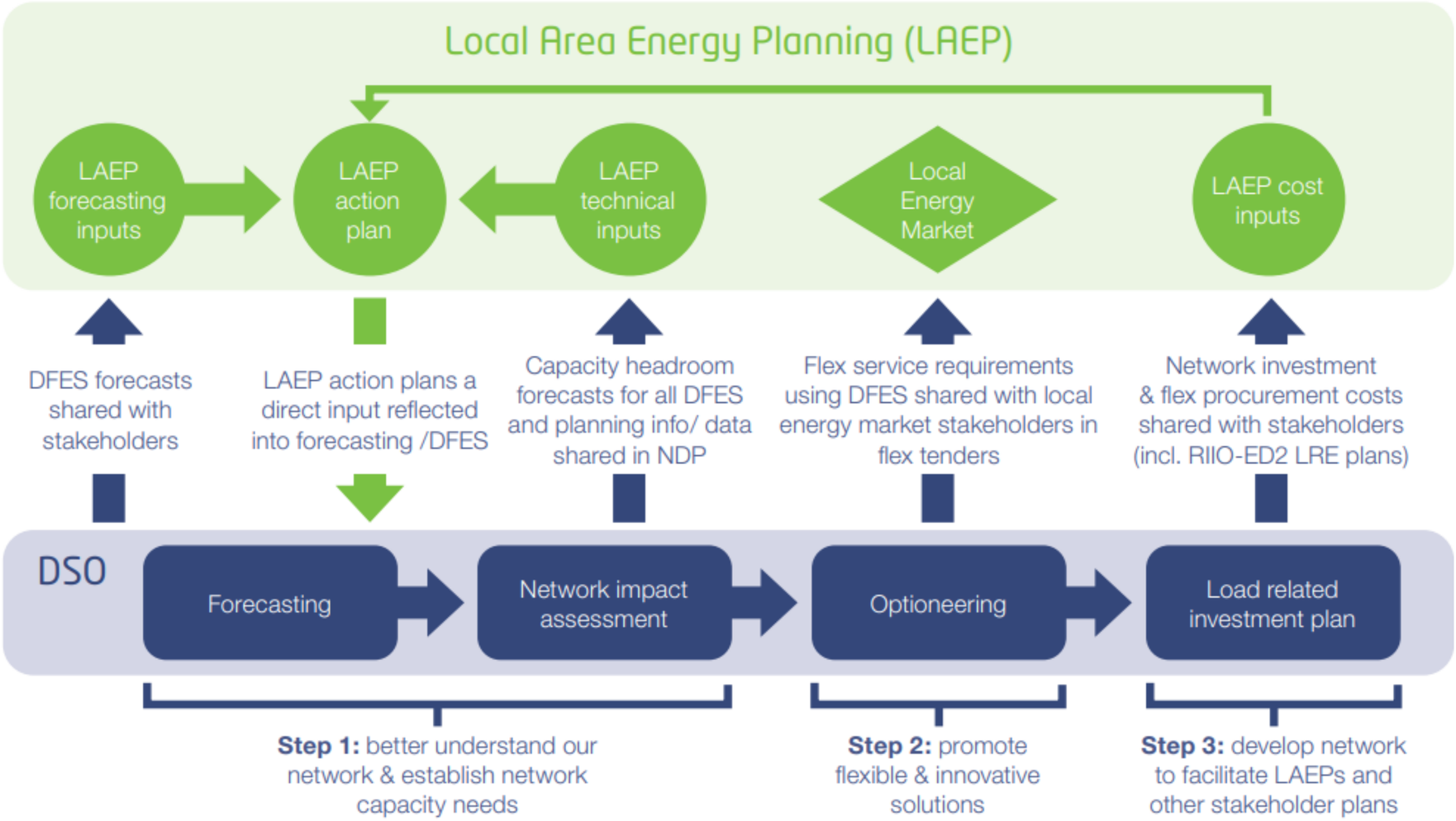
PV and Battery Combo

More domestic customers choose to buy PV with a battery. These customers can benefit from smart consumption of electricity from the network when it is cheaper and exporting back to network when prices are higher.

Grid-Scale and a Strong Business Model

Currently, most large size batteries installed to provide balancing services to the ESO or behind-the-meter services to I&C customers. In many cases they can also provide DSO flexible services. Moving forward batteries expected to benefit more from price arbitrage.

Local Area Energy Planning (LAEP)
DFES INSIGHTS



The Future Ahead

An amazing start of the ED2 Price Control

ENWL's role as a Net Zero facilitator in the North West is critical in a world that is expected to decarbonize through electrification at a pace never experienced before. Understanding timing and location of LCTs, renewable DG and battery storage adoption is paramount for a smooth transition to Net Zero.

Policy on ZEV

From 1 January 2024, ZEV targets will require an increasing percentage of a manufacturer's annual new car and van sales in the UK to be zero emission until reaching 100% in 2035

30 March 2023

GOV.UK

Powering Up Britain

The Government has already committed to supporting the automotive sector in its transition to electric vehicles with over £800m capital funding made available at the last spending review

30 March 2023

HP Investment Accelerator

£30 million to incentivize UK based companies in producing HP locally to push down prices.

30 March 2023

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Network Development Plan

How we intend to create capacity over the next ten years.

Gavin Anderson

Network Strategy & Compliance Manager

NDP Form of Statement - Network Headroom Reporting

Scope of Network Headroom Reporting	Deliverable
Date range	Every year to be covered individually between 1-10 years
	After the 10th year, this requirement moves to every five years up to 2051 aligning with DFES timescales;
Scenarios	**Four DFES scenarios, plus a 'best view' scenario where different;**
Network capacities and assessment methodology	Demand and generation capacities in terms of spare margin in MW per year per scenario
	This will reflect approved network developments in delivery including asset-based enhancements
	Information to be considerate of thermal loading and fault level constraints as a minimum
Coverage	**Capacity information to be provided for all BSP and primary substations down to and including the primary secondary voltage, typically HV (11kV or 6.6kV)**
Format and publication	The format of the network capacity reporting part of the NDP will be tabular in nature with the respective DNOs to add interactivity to the workbook if required. A short guidance document shall be included to explain the scope of the data workbook, define each data element and give user instructions.
	Bi Annual update
Information sources	**Network parameters underlying the capacity reports shall be based on the latest LTDS**
	Existing and future network demand and generation shall be based on the latest DFES

The three parts of NDP

01 Network headroom reporting

- Parts of the network most suited to new connections
- Parts of the network where reinforcement required
- Parts of the network where flex required

02 Network development reporting

- New infrastructure
- Flexible services

03 Methodology

- Methodology for preparing the network development plan
- Assumptions

2023 Refresh NDP

We have refreshed the 2022 NDP from last year, carrying out an update of the following areas.

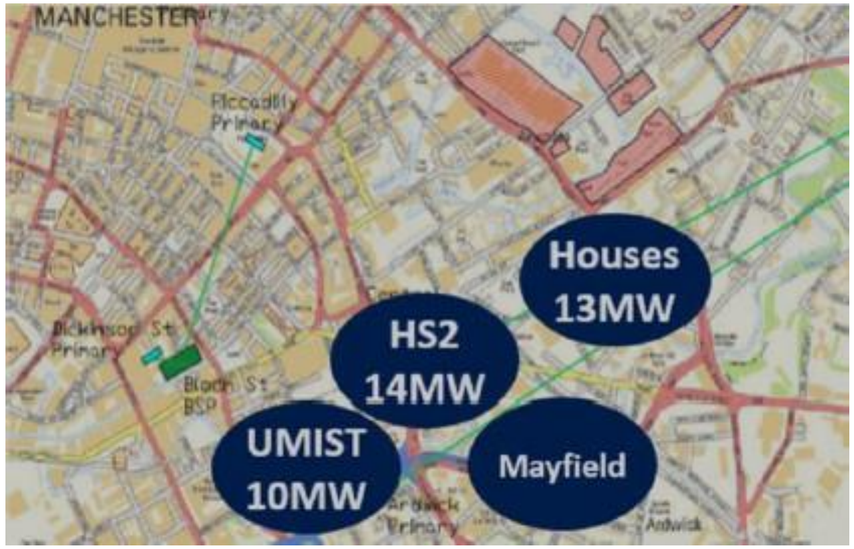
Document	Summary	Type	2023 Update
NDP Methodology	Methodology behind the preparation of our NDP	Document	No Change
NDP Report	Identifying by each GSP intervention areas and flexibility options	Document	No Change
NDP Workbook	Interactive workbook covering scenarios and capacity headroom based on our Demand and Generation forecasts	Interactive Excel Workbook	Refreshed with latest forecast data including Transmission Headroom

Network Development Methodology

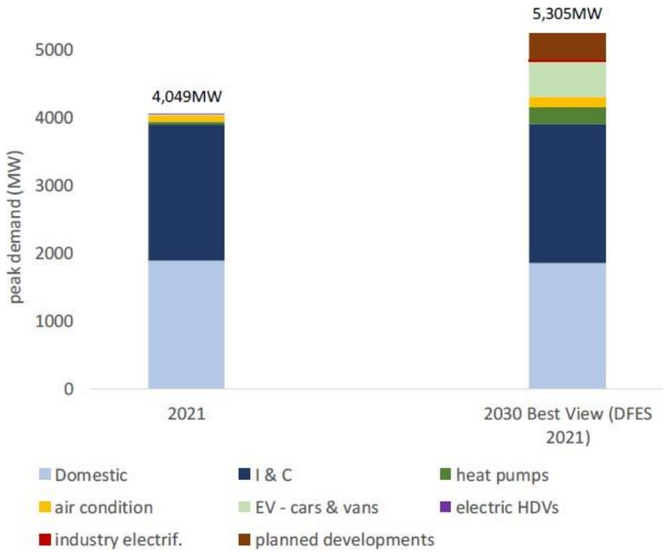
Methodology part of the NDP provides an overview of the process of how we arrive at our plan

Forecasts and Stakeholder engagement plays key parts in this journey

Forecasting → Network Impact Assessment → Optioneering → Best View Development Plan



- Key developments can be baked into our plans to ensure capacity is available



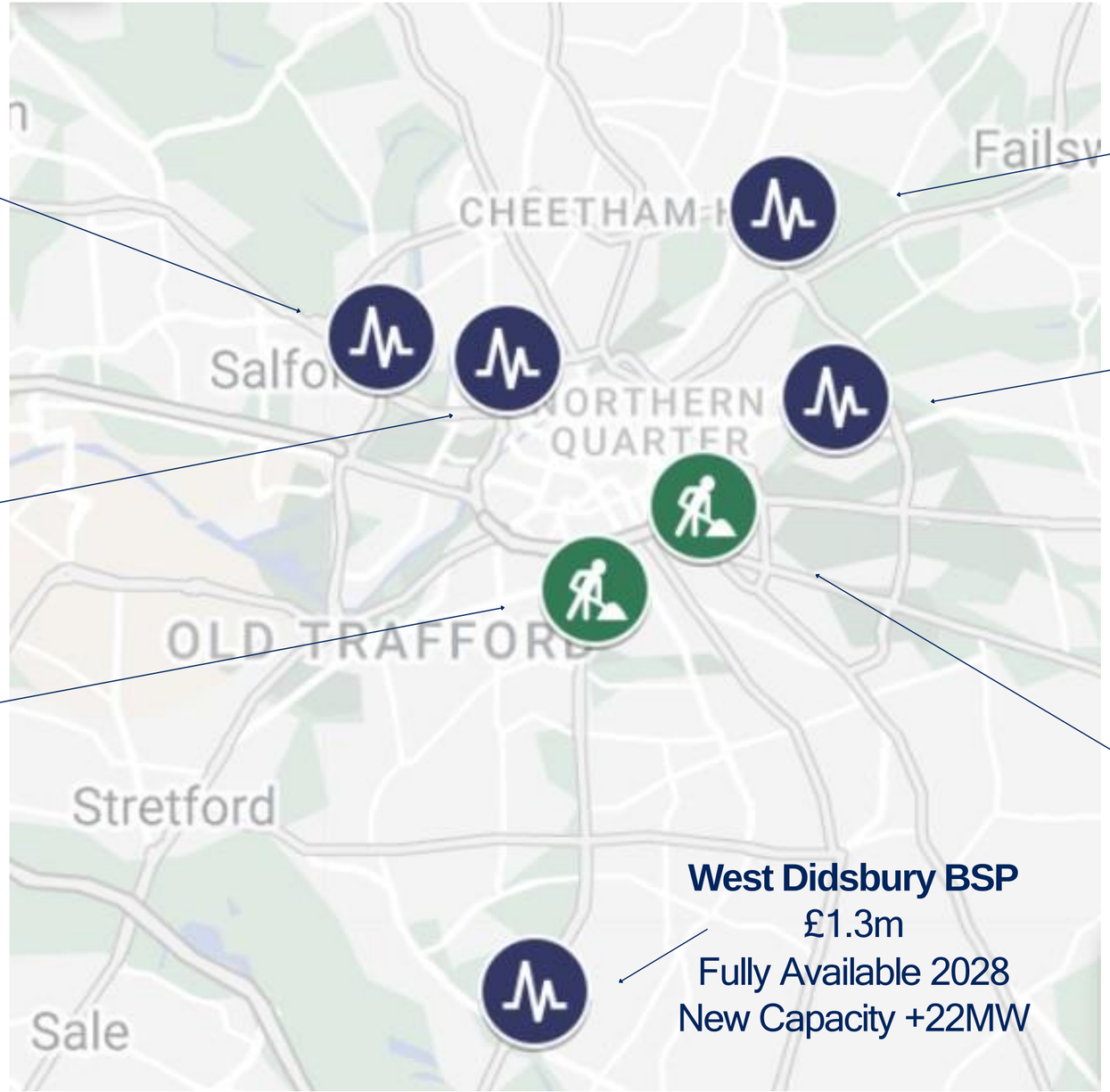
- Collection of all the data then allows us to have a final Best view of the demand required at any given time

RIIO ED2 - Manchester Plan

Salford
£9m
Fully Available 2028
New Capacity +70MW

Blackfriars
£0.5m
Fully Available 2028
New Capacity +4MW

Southern Gateway
£3m
Fully available 2026
New Capacity +23MW



Northern Gateway
£1.3m
Fully Available 2024
New Capacity +20MW

Eastlands
£2m
1st phase available 2023
2nd phase available 2025
New Capacity +20MW

Mayfield
£3m
Fully Available 2026
New Capacity +32MW

West Didsbury BSP
£1.3m
Fully Available 2028
New Capacity +22MW

Reinforcement

New substation

Network Development Report and Workbook

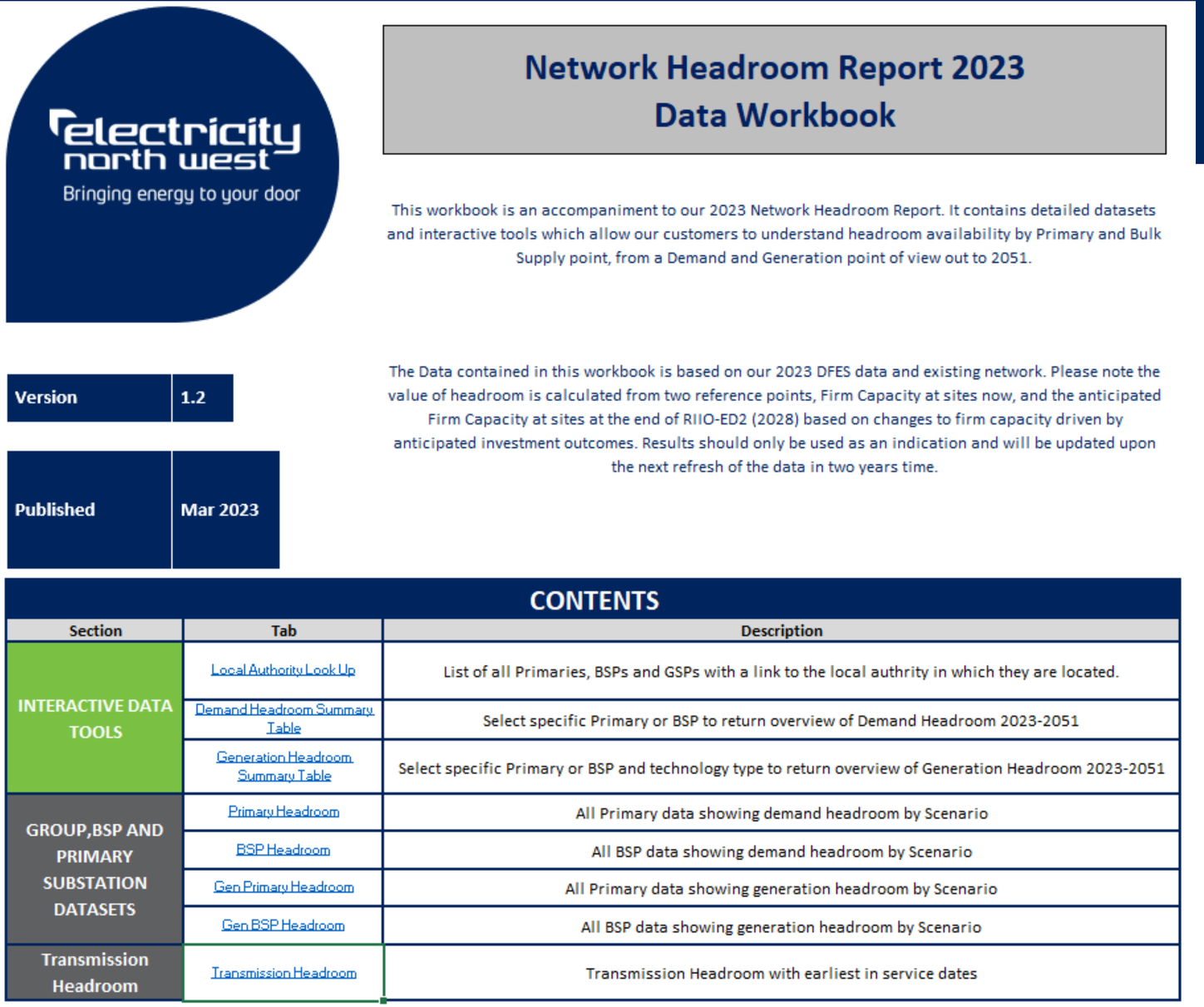
List of high level plans for network interventions and flexible service requirements:

- For years 1 – 10
- Location of the intervention, covering whole network down to primary substation HV bars
- Development requirements for flexibility services and new infrastructure (table below)
- Justification for the need for network developments
- Where it resides on the delivery lifecycle (signposting, approved plan, in delivery etc.)

Flexibility services	New infrastructure
• Magnitude; • Year of intervention, likely duration i.e. number of years in the future; • Nature of requirement / flexibility product;	• Timing and high level scope of intervention; construction duration (start & finish) • Details of connectivity; link to the LTDS • Asset quantities approx. circuit lengths, no. txs etc • Equipment ratings.

NDP Workbook Overview

- Opening tab allows user to head to the area of key interest.
- 2023 version updated now includes transmission capacity



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Network Headroom Report 2023 Data Workbook

This workbook is an accompaniment to our 2023 Network Headroom Report. It contains detailed datasets and interactive tools which allow our customers to understand headroom availability by Primary and Bulk Supply point, from a Demand and Generation point of view out to 2051.

The Data contained in this workbook is based on our 2023 DFES data and existing network. Please note the value of headroom is calculated from two reference points, Firm Capacity at sites now, and the anticipated Firm Capacity at sites at the end of RIIO-ED2 (2028) based on changes to firm capacity driven by anticipated investment outcomes. Results should only be used as an indication and will be updated upon the next refresh of the data in two years time.

Version	1.2
Published	Mar 2023

CONTENTS

Section	Tab	Description
INTERACTIVE DATA TOOLS	Local Authority Look Up	List of all Primaries, BSPs and GSPs with a link to the local authrity in which they are located.
	Demand Headroom Summary Table	Select specific Primary or BSP to return overview of Demand Headroom 2023-2051
	Generation Headroom Summary Table	Select specific Primary or BSP and technology type to return overview of Generation Headroom 2023-2051
GROUP,BSP AND PRIMARY SUBSTATION DATASETS	Primary Headroom	All Primary data showing demand headroom by Scenario
	BSP Headroom	All BSP data showing demand headroom by Scenario
	Gen Primary Headroom	All Primary data showing generation headroom by Scenario
	Gen BSP Headroom	All BSP data showing generation headroom by Scenario
Transmission Headroom	Transmission Headroom	Transmission Headroom with earliest in service dates

Transmission Capacity

Earliest in Service Dates (EISDs) for new applications to the transmission network - to accompany a DNO's Network Scenario Headroom Report

31/01/2023	Transmission Owner's freeze date
Electricity North West Limited	DNO Licence area
NGET	Transmision Owner providing
01/03/2023	Last update (version, date)

	Demand		Generation		
GSPs in November 2022 LTDS	**EISD**	**Under review at freeze date?**	**EISD**	**Under review at freeze date?**	**Comments (optional)**
Bredbury	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Carrington	2023	Under active review	2023	Under active review	Currently Headroom in Appendix G
Harker	2023	Under active review	2036	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Hutton	2023	Under active review	2036	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Heysham	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Kearsley	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Kearsley Local	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Macclesfield	2023	Under active review	2023	Under active review	Currently Headroom in Appendix G
Padiham	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Penwortham	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Rochdale	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
South Manchester	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process
Stalybridge	2023	Under active review	2023	Under active review	Currently Headroom in Appendix G
Stanah	2023	Under active review	2037	Under active review	Though headroom studied with Penwortham
Washway Farm	2023	Under active review	2037	Under active review	Though headroom studied with Kirkby
Whitegate	2023	Under active review	2037	Under active review	Being reviewed as part of the ongoing Transmission Works Review process

- All ENW GSPs have Appendix Gs detailing connections and available headroom
- Sites with headroom are detailed above, though this can move on a monthly basis
- NGESO Review on going to address queue and challenges with Headroom on the Transmission network at
- present This is scheduled to conclude March 2024.

NDP Workbook Overview

Interactive Workbook - example Upholland Primary

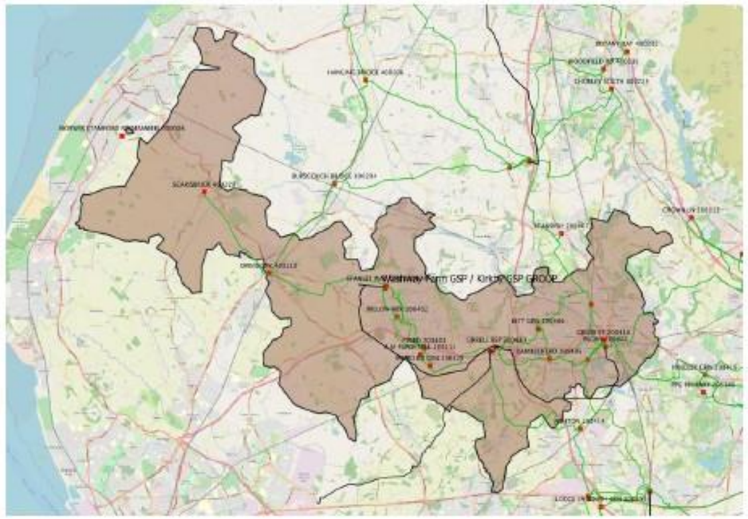
Select Primary →	Upholland													
BSP	ORRELL													
GSP	KIRKBY													
	Easting	Northing												
Grid Coordinates	352531	404369	2023	2024	2025	2026	2027	2028	2029	2030	2031	2036	2041	2046	2051
Best View	Firm		4.31	3.95	3.48	2.93	2.27	1.64	0.97	0.28	-0.59	-3.75	-5.21	-5.43	-4.90
	Non Firm		7.81	7.45	6.98	6.43	5.77	5.14	4.47	3.78	2.91	-0.25	-1.71	-1.93	-1.40
Falling Short	Firm		4.39	4.15	3.94	3.66	3.33	2.93	2.49	1.98	1.46	-0.33	-1.55	-2.22	-2.59
	Non Firm		7.89	7.65	7.44	7.16	6.83	6.43	5.99	5.48	4.96	3.17	1.95	1.28	0.91
System Transformation	Firm		4.31	3.95	3.48	2.93	2.27	1.64	0.97	0.28	-0.51	-3.43	-4.80	-5.04	-4.57
	Non Firm		7.81	7.45	6.98	6.43	5.77	5.14	4.47	3.78	2.99	0.07	-1.30	-1.54	-1.07
Consumer Transformation	Firm		4.29	3.94	3.52	3.01	2.40	1.79	1.14	0.56	-0.03	-3.40	-8.94	-12.95	-15.85
	Non Firm		7.79	7.44	7.02	6.51	5.90	5.29	4.64	4.06	3.47	0.10	-5.44	-9.45	-12.35
Leading the Way	Firm		4.36	3.84	3.39	2.83	2.28	1.76	1.25	0.65	-0.75	-7.26	-12.06	-14.60	-13.68
	Non Firm		7.86	7.34	6.89	6.33	5.78	5.26	4.75	4.15	2.75	-3.76	-8.56	-11.10	-10.18

Select Primary →	UPHOLLAND													
Select Technology →	Generation – Synchronous (HV)													
BSP	ORRELL													
GSP	WASHWAY FARM / KIRKBY													
	Easting	Northing												
Grid Coordinates	352531	404369	2023	2024	2025	2026	2027	2028	2029	2030	2031	2036	2041	2046	2051
Best View	Non Firm		8.46	8.38	8.28	8.16	8.03	7.90	7.79	7.67	7.51	6.90	6.60	6.47	6.42
Falling Short	Non Firm		8.48	8.43	8.37	8.31	8.23	8.15	8.08	8.00	7.92	7.62	7.43	7.33	7.21
System Transformation	Non Firm		8.46	8.38	8.28	8.16	8.03	7.90	7.78	7.67	7.53	6.94	6.65	6.52	6.47
Consumer Transformation	Non Firm		8.46	8.38	8.21	8.04	7.86	7.68	7.49	7.30	7.12	6.08	5.12	4.44	3.89
Leading the Way	Non Firm		8.47	8.35	8.08	7.76	7.53	7.33	7.19	7.10	6.85	5.95	5.03	4.49	4.48

NDP Report

15 Washway Farm / Kirkby GSP

GSP Summary **3 BSPs** **12 Primaries**



Washway Farm GSP / Kirkby GSP Group supplies approximately 74,000 customers across the South Lancashire region of the network. Washway Farm GSP takes its supply from National Grids 275kV network via 2 x 180MVA SGTs. Kirkby GSP which is a SPManweb site affords supply to ENW via 1 x 240MVA SGT. The GSP group feeds into three BSPs and 12 Primary Substations. The Peak Demand is currently 154MVA.

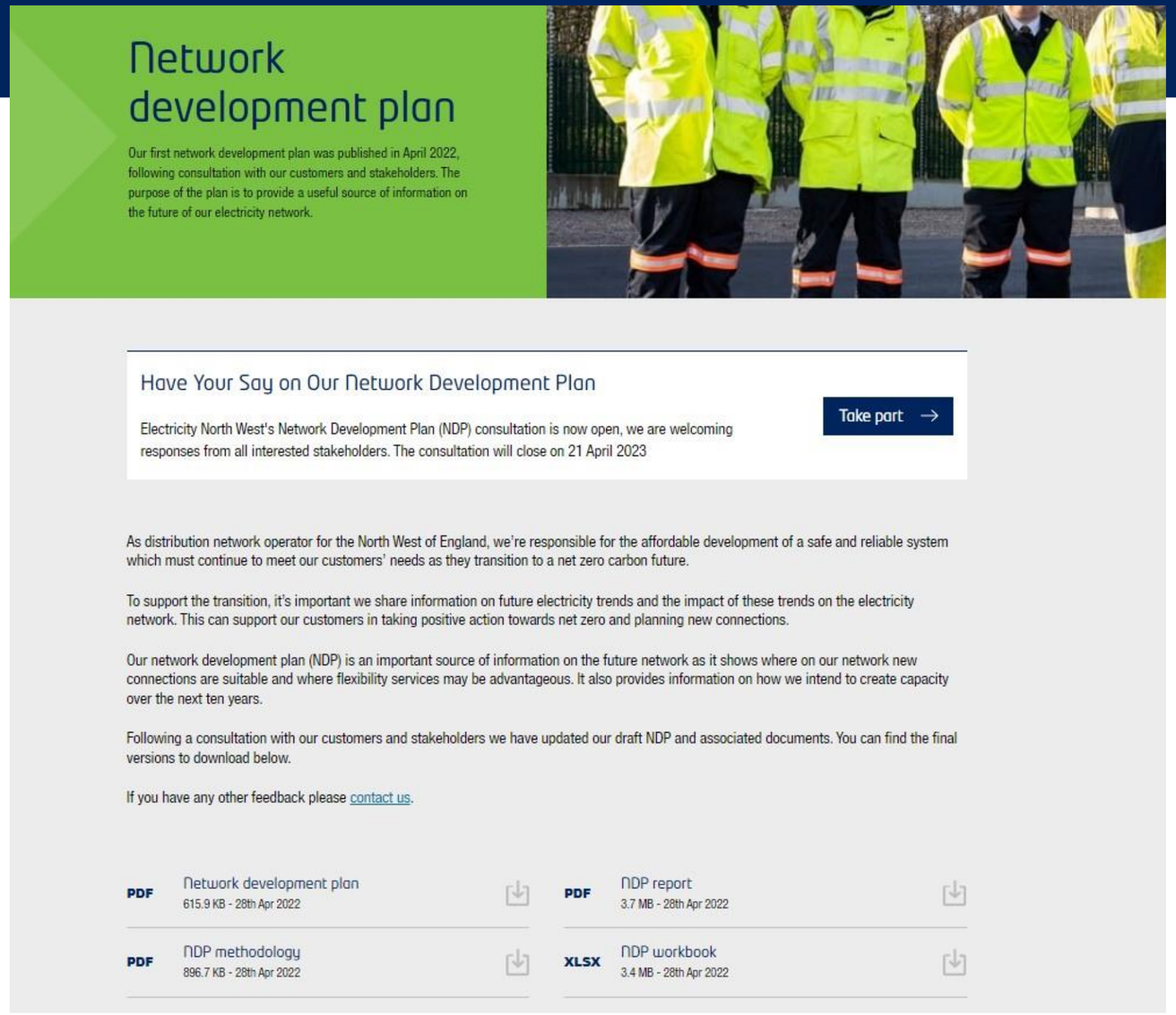
Intervention Overview

	Demand Driven	Generation Driven
0-2 years		Skelmersdale Primary Skelmersdale BSP
3-5 years		
5-10 years	Ashton (Golborne) Green St T11 Upholland Wigan BSP	

- Report broken down by Grid Supply Point feeding area
- Each intervention detailed including high level asset based solution and a review of the flexible requirements

Site Name	Need	Asset Solution	Flex Plan Location
Upholland X- 352531 Y- 404369	FC first exceeded in FY29 1.6MVA exceedance of FC by FY31	7.4MVA spare capacity on Pimbo primary Lay new HV Interconnector from Upholland to Pimbo ~4km 300 Al XLPE cable to transfer demand Start date: FY28 Completion: FY29	Dynamic response required **Max Flex Required at 2051 - Winter Peak** / **MVA** Best View: 5.2 Consumer Transformation: 16.0 Steady Progression: 4.2 Within 5km of X and Y coordinates

Website Link



- Contained in the Network Information section of our website
- Updated Workbook to be published in May 2023.
- [Network development plan (enwl.co.uk)]

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Data Portal

PAVING THE WAY TO NET-ZERO IN THE NORTH-WEST

Ian Povey, BSc CEng. MIEE
Head of Data Management

Data Principles

Presumed Open Creative Commons Attribution Licence

Dublin Core Metadata Standard

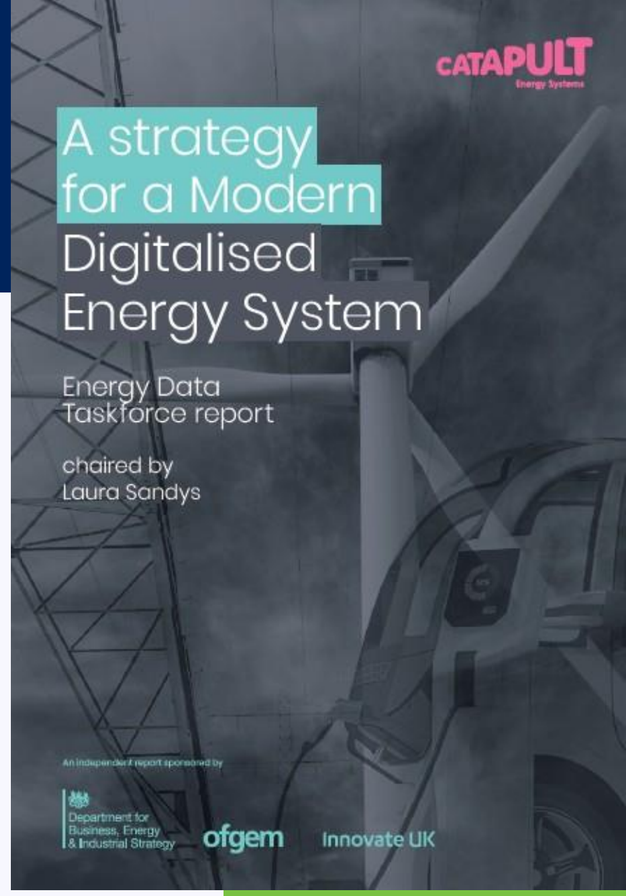
Digitalisation of Electricity Network

EDTF Recommendations

Data Best Practice

Data Catalogue

Visibility of Infrastructure and Assets



What's in the Data Portal?

Data

- Spreadsheet Format
- Map Visualisation
- API Format

Network Asset Viewer	LTDP & NDP	DFES	Flexible Service & ECR	Operational Data
Provides a geospatial view of ENWL distribution network	Provides network asset, connectivity and demand/ generation data and detail of 10 year development	Provides 10 year scenario forecasts of demand & generation on the network	Details ENWL's flexible service requirements. Provides data on connected DG and existing flexible services provided	Provides network operational data ie Outage information, GSP Boundary flow data

What's the Data Portal future?

We aim to make more of our network data available through our data portal
ie LCT Data, greater operational data

We aim to provide power-flow models of our EHV networks in Common Information Model format by the end of the year

Following the Ofgem lead LTDS review much greater will be published including CIM models of the HV network

What data would you like to be available through the Portal?

Data portal Tour

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Flexible Services

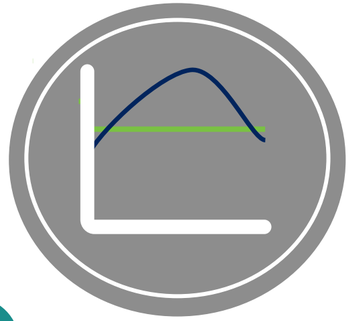
A SMART AND EFFICIENT WAY OF FACILITATING THE TRANSITION TO NET-ZERO

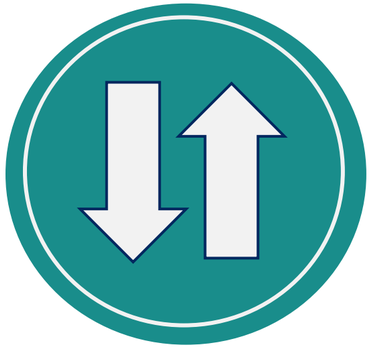
Kate Stewart

Flexible Solutions Analyst

What are Flexibility Services?

When the demand for electricity is greater than the amount that we can provide, flexible services are procured to alleviate constraints on our network during peak times

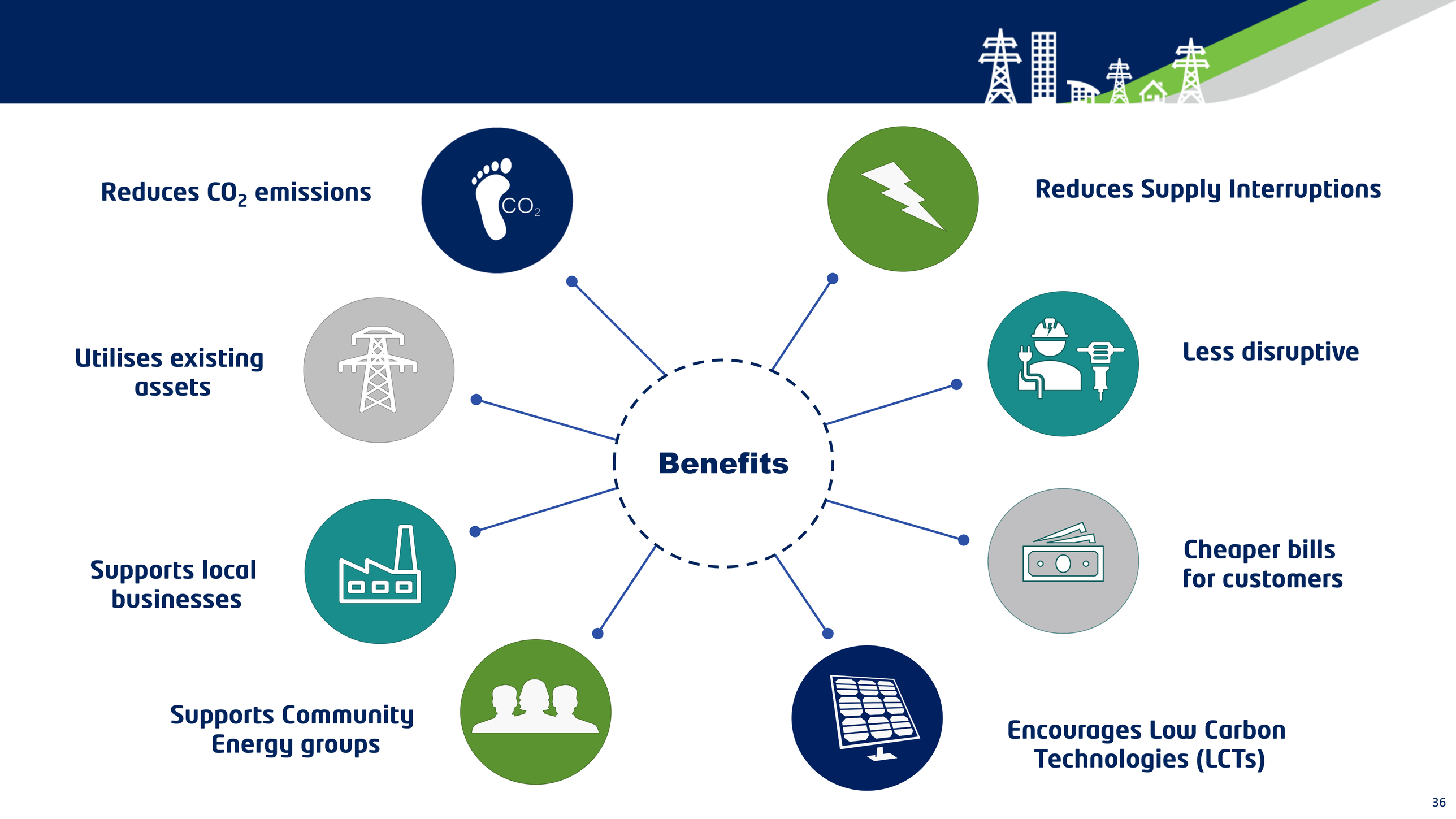




These services are provided by companies or individual customers who own assets in our region that can generate more or use less electricity when required

This allows us to balance supply and demand, ensuring a safe and reliable supply of energy for our customers

Flexibility providers will receive payment from the network for providing this extra capacity


Reduces CO_2 emissions
Reduces Supply Interruptions
Utilises existing assets
Less disruptive
Benefits
Supports local businesses
Cheaper bills for customers
Supports Community Energy groups
Encourages Low Carbon Technologies (LCTs)

Who can provide flexible services?

Existing metered customers or anyone interested in building a new asset

Capable of adjusting how much electricity they consume or generate

50kW

Can provide a minimum of 50kW of flexible capacity

Industrial and commercial assets

Aggregated domestic and non domestic portfolios

37

Examples of flexible services

Demand

- Turning off/ shifting intensive processes
- Controlling heating systems
- EV chargers

Generation

- Renewable generators
- Batteries
- Standby generation

Energy Efficiency

- Solar panels
- Insulation
- LED lighting

https://www.enwl.co.uk/go-net-zero/flexible-services/flexibility-case-studies/

What we've done so far

Since 2018

Carried out

12

tenders

across

46

locations

Totalling

3600MW

requirements

Our latest requirements!

Spring 2023 tender

32

Locations across the North West

1097MW

Of capacity required

£10.1m

Available for these services

Regional requirements

Cumbria

18 Locations

493 MW

127 requirements

£5,082,823

Greater Manchester

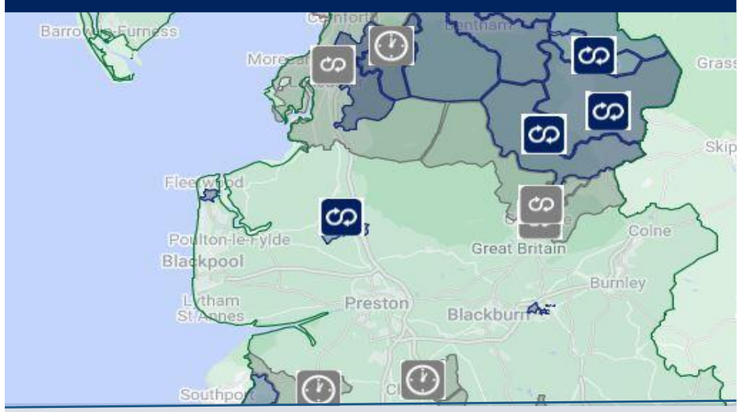
10 Locations

511 MW

66 requirements

£4,015,558

Lancashire



4 Locations

93 MW

325 requirements

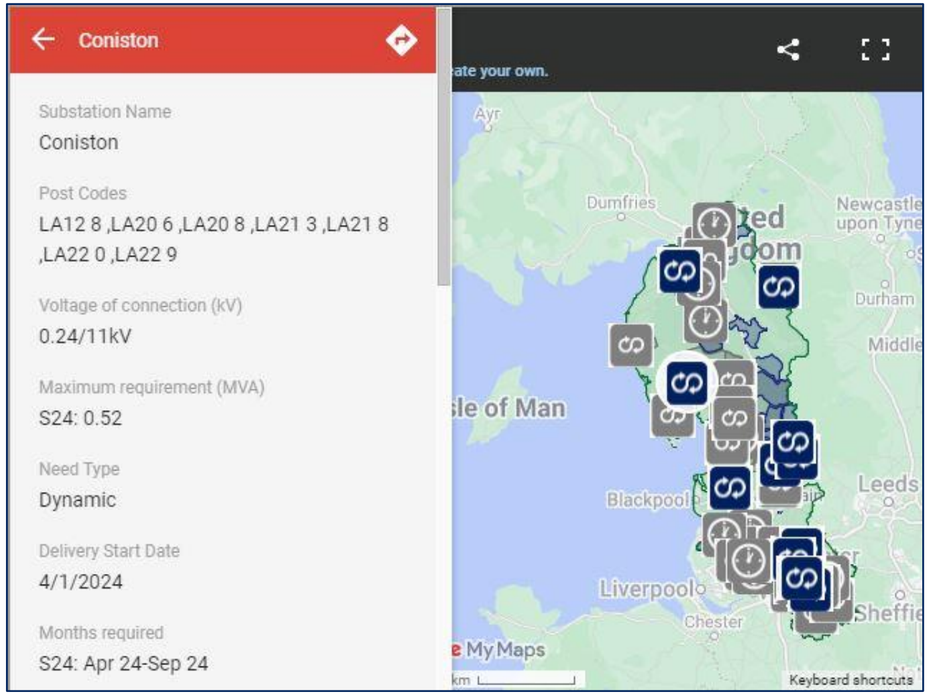
£1,022,720

Products

0 Sustain	35 Secure	51 Dynamic	132 Restore
Pre-fault	**Pre-fault**	**Post-fault**	**Post-fault**
Provides a scheduled response to prevent network constraints	Provides a scheduled response to manage network loading	Keeps the power flowing during an unplanned network event	Gets the lights back on following an unplanned network event
Flex providers flex their supply up or down in accordance with a schedule to help manage network constraints by providing additional capacity and capability	Flexibility Providers are available at peak times to help manage the load on the networks and prevent it from exceeding it's capabilities	Flexibility Providers are available and provide an immediate response following a fault or unplanned network event	Flexibility Providers are available and provide an immediate response to help us restore supplies for customers quickly following an unplanned network event

Invitation to Tender and helpful tools: ENWL website

Our full invitation to tender documentation is published on our website alongside our flexibility map, and includes:



- Invitation to Tender terms and conditions
- Appendix 1: Standard Flexibility Agreement
- Appendix 2: Technical specification
- Appendix 3: Site requirements
- Appendix 4: Half hourly requirements
- Post code checker tool
- Cost calculator tool

https://www.enwl.co.uk/go-net-zero/flexible-services/latest-requirement/

PicloFlex platform

Visit https://picloflex.com/ to:

- View our current requirements
- Sign up to the free DPS
- Upload and pre-qualify your flexibility assets
- Submit a bid
- View past competition data
- A summary of our current tender is available via our dedicated profile page

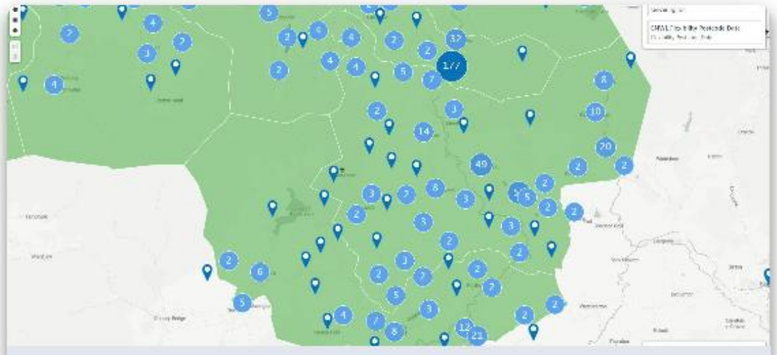
To participate in our tenders, follow these steps on Piclo:

Sign up to the Dynamic Purchasing System → **Register and upload your assets** → **Complete the Pre-qualification questionnaire** → **Confirm your participation in the competition** → **Submit a bid**

Contact support@picloflex.com for all queries relating to the platform or to book a personalised demo with a member of the team

NEW Open Data Portal

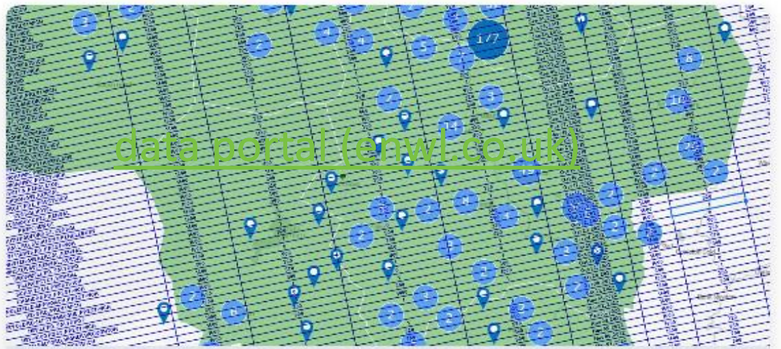
Our requirements are now also available to view on our new Open Data Portal, an external platform hosted by OpenDataSoft.



Flexible Services Map

Our flexibility map displays the locations within our distribution area where we are currently seeking Flexible Services, or may have a requirement in the future..

View Map →

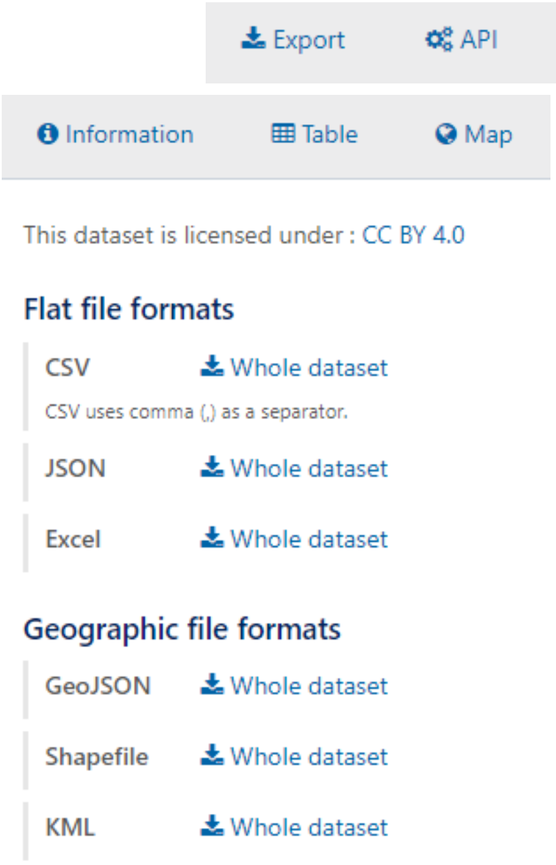


Flexible Services Data

Access the source datasets used to create the Flexible Services Map.

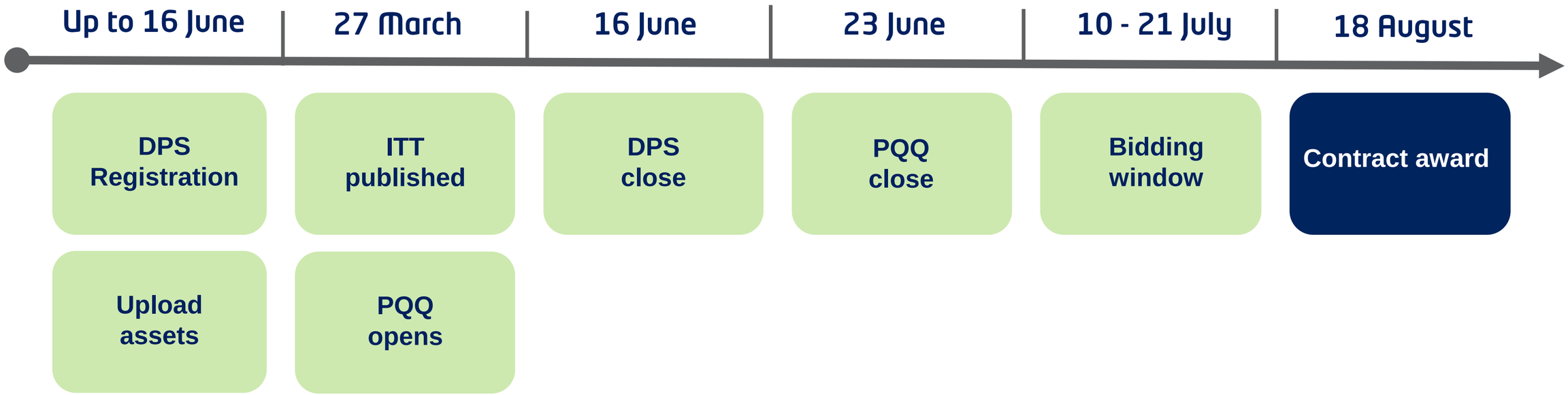
Access Source Datasets →

Visit our Open Data Portal here: [data portal (enwl.co.uk)]



Procurement timeline

We procure flexible services twice a year, in Spring and Autumn



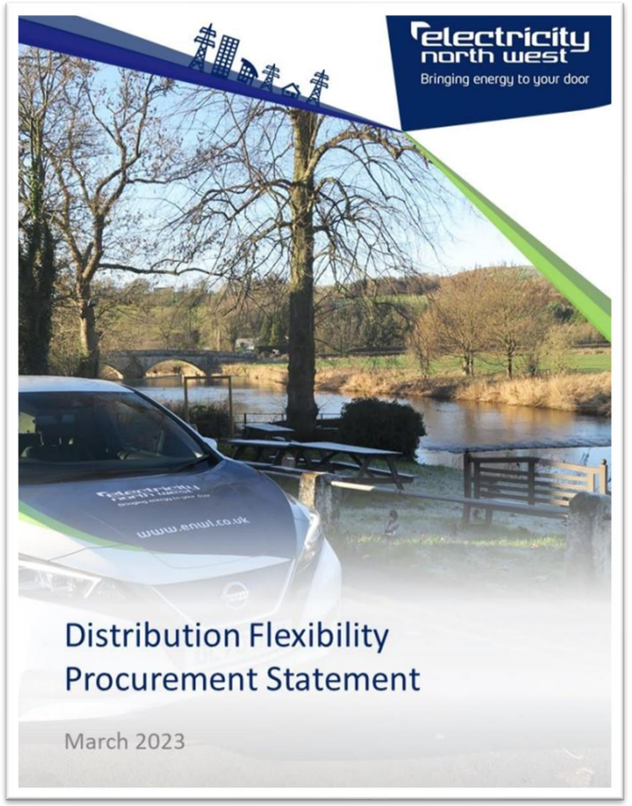
2023 Distribution Flexibility Procurement Statement

Condition 31E: *Procurement and use of distribution flexibility services*

Sets out our plans for procuring Flexible Services for the upcoming regulatory year and supports the flexibility market in Great Britain as we cooperate with other DNOs and IDNOs to deliver:

✓ Simplicity ✓ Accessibility ✓ Transparency

throughout our flexibility processes in this fast-developing new sector.



The accompanying **Procurement Report** will be published in April and details the outcomes of the services procured and dispatched in the previous regulatory year.

https://www.enwl.co.uk/go-net-zero/flexible-services/document-library/

Free flexibility event in London

Flex Forum: reducing barriers in distribution flexibility markets

Wednesday 24 May 2023

Coin Street Community Centre, London (by Waterloo station)

10:00am – 5:00pm, followed by networking drinks reception

Register here: https://www.eventbrite.co.uk/e/602407977477

Useful links

Piclo Flex	Flexible services website	1-2-1 discussions	Register for updates	Feedback form
				
Head over to the Piclo Flex platform to view our latest requirements and take part in our tenders by registering onto our DPS and uploading your assets	All of our current and previous requirements, webinar recordings, helpful guides and case studies can be found on ENWL's flexibility portal	We offer 1-2-1 discussions to assist with any queries relating to the process of providing flexibility Book here	Sign up to our distribution list to receive our newsletters, latest requirements and event invites	If you have any questions or feedback relating to flexible services, you can fill out our online feedback form

Questions and Answers

We welcome your questions and thoughts

electricity north west

Bringing energy to your door

Thank you for your attention