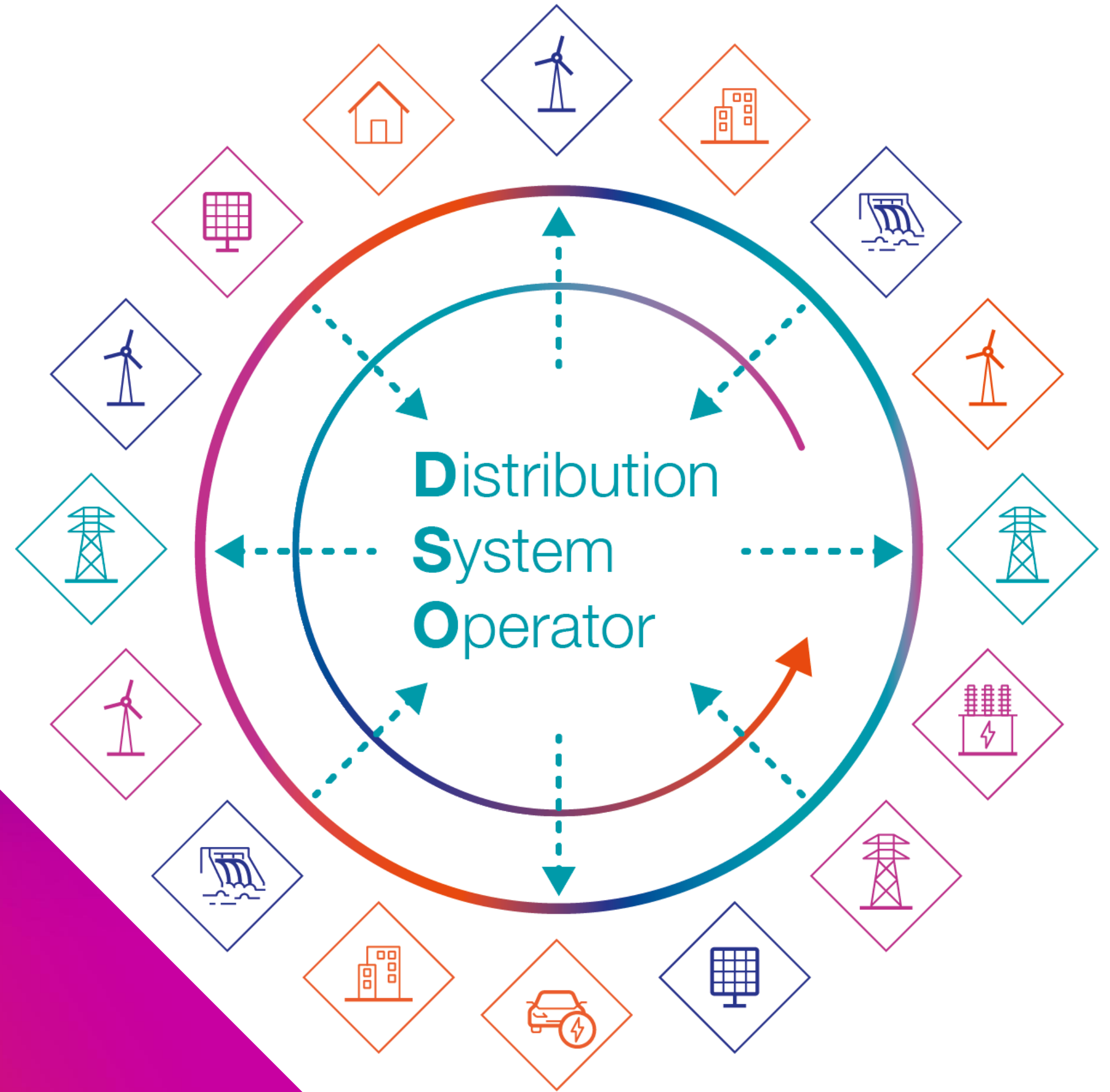


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# On Track To Trade

Short Term  
Trades

23<sup>rd</sup> June 2025



# Flexibility Markets Team



**Doerte Schneemann**  
Head of Flexibility Markets



**Felix Peterken**  
Market Gateway Business Owner



**Yingyi Wang**  
Flexibility Commercial Manager



**Alex Daramola**  
Flexibility Markets Engineer



**Daria Wosko**  
Commercial Officer



**Lewis Davies**  
Flexibility Markets Engineer



**Luke Boucher**  
Commercial Officer



**Reuben Veal**  
Flexibility Markets Analyst



**Sarah Manning-Benson**  
Team support

# Agenda

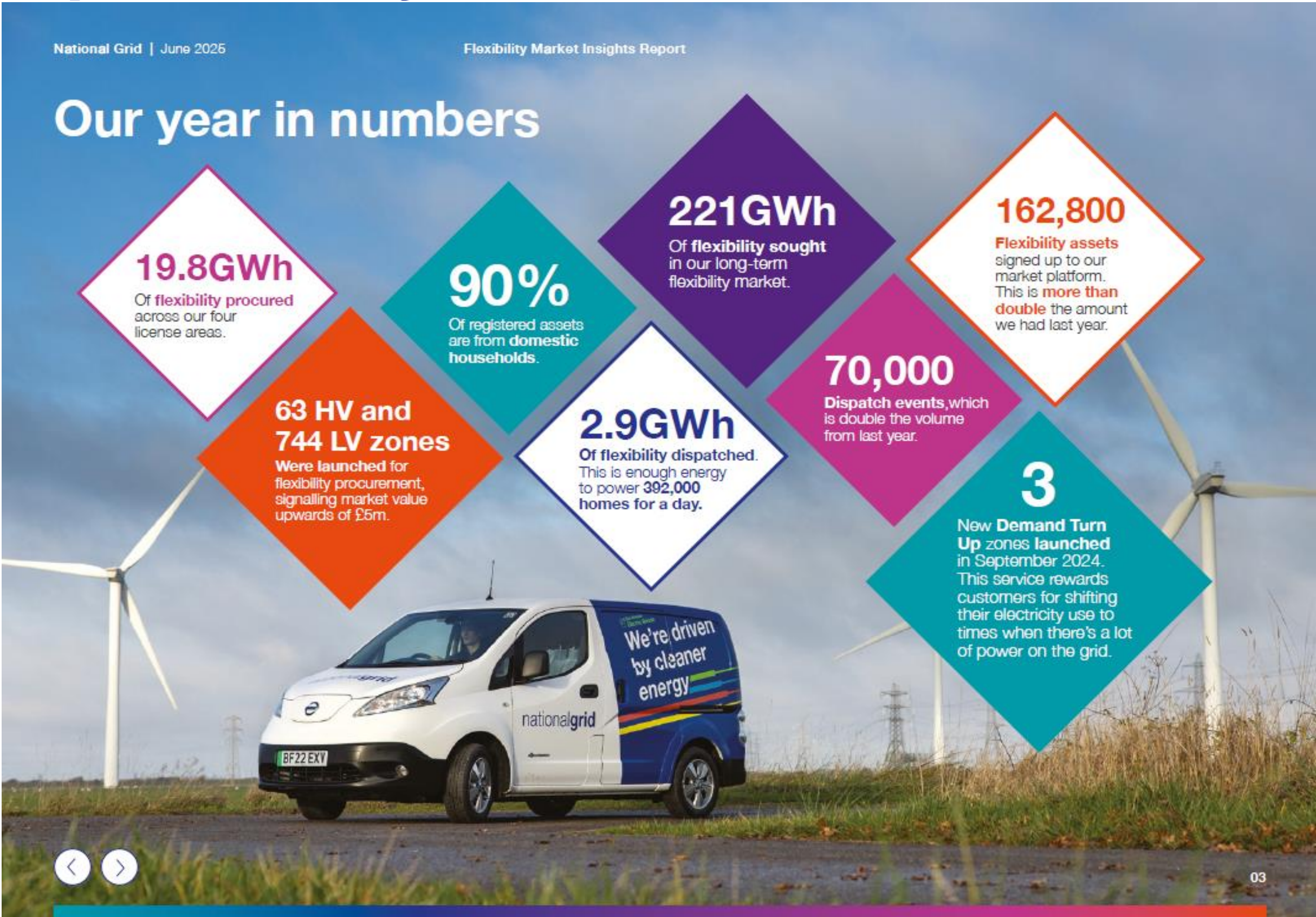
		Timings (approx)
Welcome	Doerte Schneemann, Head of Flexibility Markets	10.00am
Flexibility Services Overview	Luke Boucher, Commercial Officer	10.10am
Published Datasets	Felix Peterken, Flexibility Markets Engineer	10.15am
Steps to Participation	Felix Peterken, Flexibility Markets Engineer Ediri Ewhrudjakpo – Piclo, Commercial Associate	10.20am
Continued Engagement	Luke Boucher, Commercial Officer	10.45am
Q&A	Doerte Schneemann, Head of Flexibility Markets	10.50am
Wrap up and close	Doerte Schneemann	10.55am

# Housekeeping

- ✓ Please mute your microphones during the presentation
- ✓ Questions can be submitted via the Q&A function at any time or via email [nged.flexiblepower@nationalgrid.co.uk](mailto:nged.flexiblepower@nationalgrid.co.uk)
- ✓ The slides and recording from today will be available on our website [www.flexiblepower.co.uk](http://www.flexiblepower.co.uk)
- ✓ We also welcome feedback offline



# Markets Insights Report - our year in numbers





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1

# Flexibility Services

Luke Boucher  
Commercial Officer

National Grid Electricity Distribution

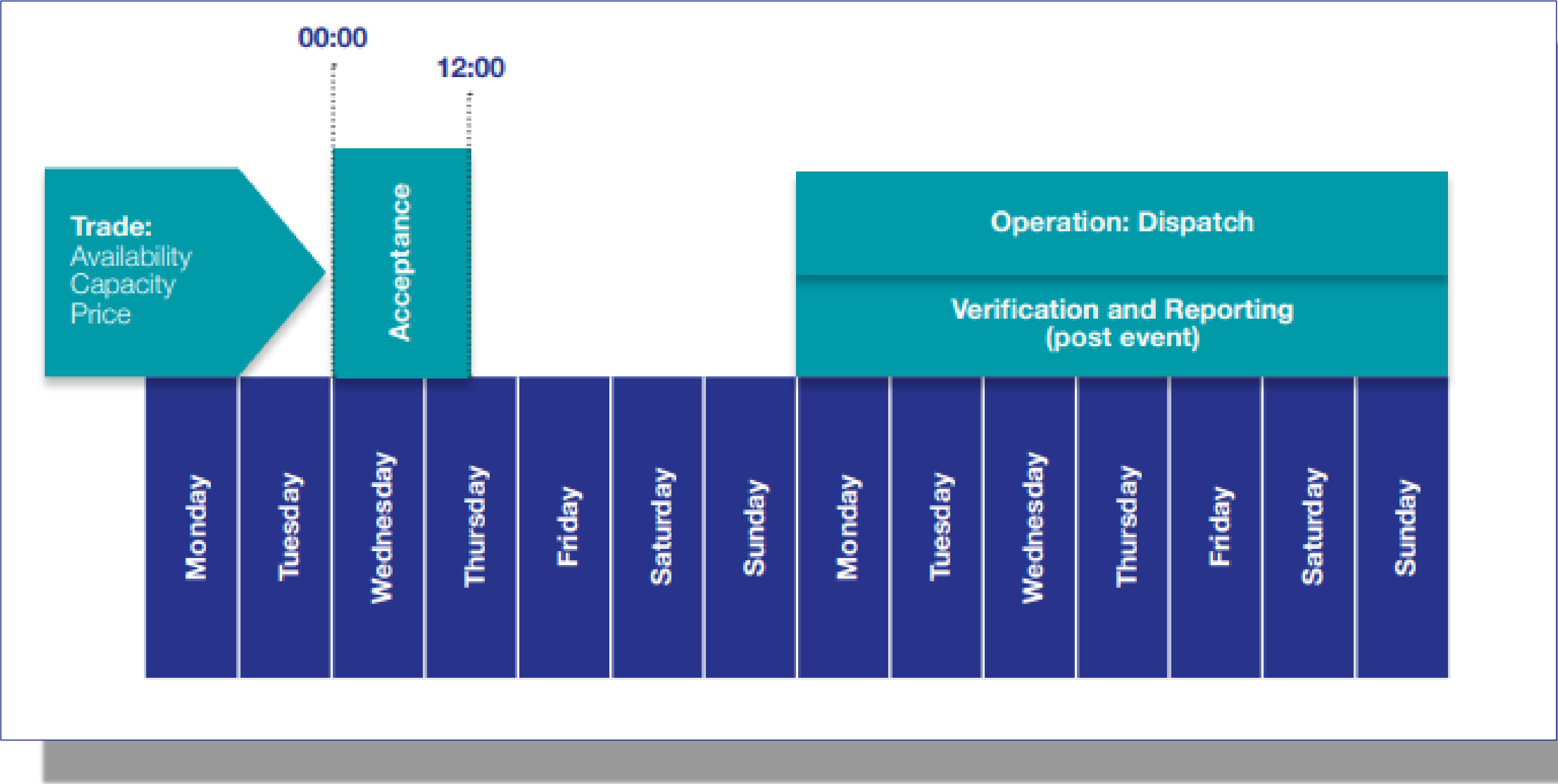




# Short Term Requirements

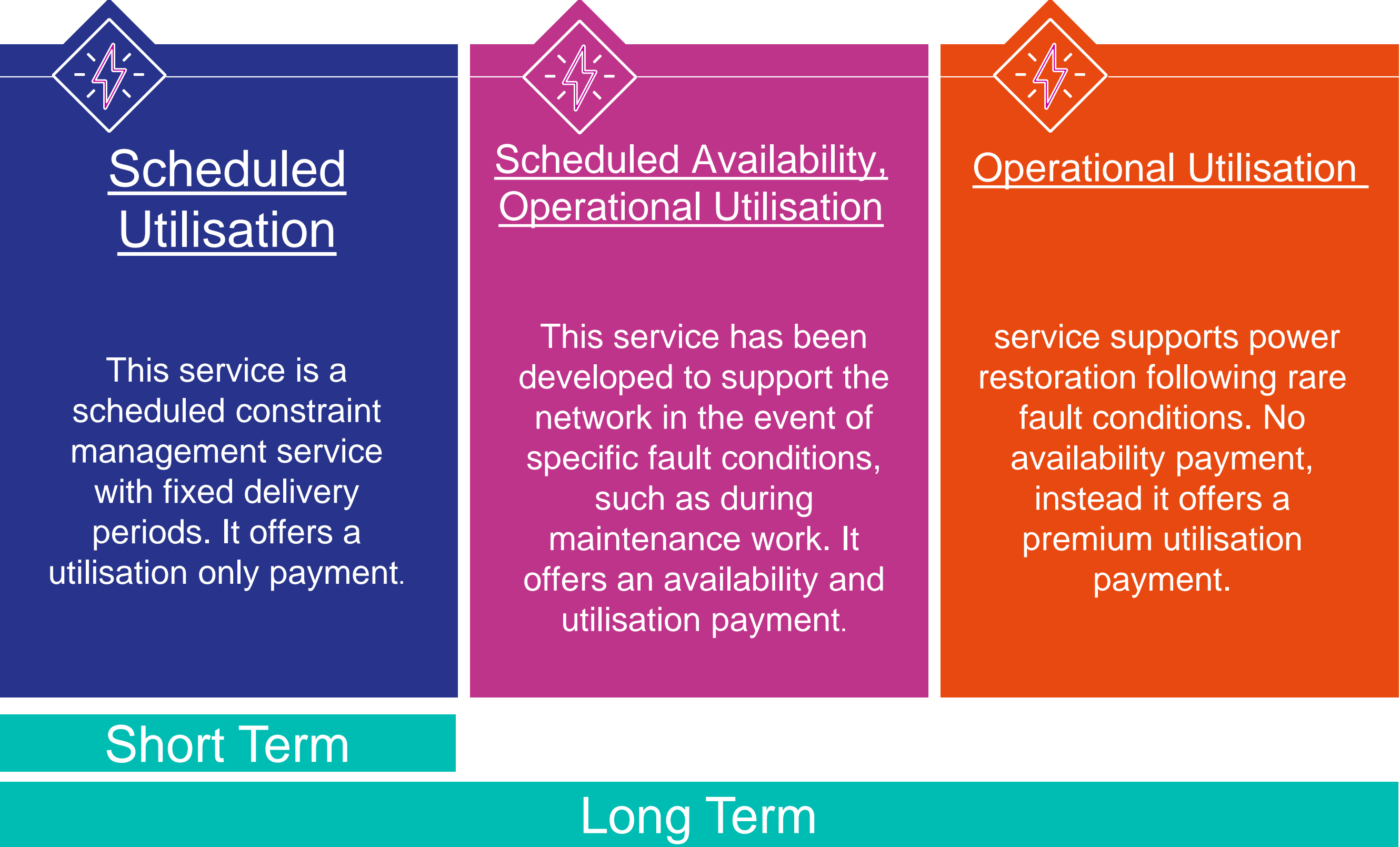
	<b>We procure in the Short Term market throughout the year we'll publish Winter needs in Sep'25.</b>
	<b>Forecasted needs of 650MWh from July – Sept 2025 Value to market of £530,000</b>
	<b>Ceiling pricing is set per zone and varies dependant on the need</b>
	<b>Highest zonal ceiling price this Summer; £663/MW/h Average zonal ceiling price this Summer; £82/MW/h</b>
	<b>11 HV Zones – including 3 Demand Turn Up</b>

# Short Term Trades Procurement Timeline





# Overview of our flexibility services





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2

## Published Datasets

Felix Peterken

Flexibility Markets Engineer

National Grid Electricity Distribution





# Connected Data Portal – Zone Information



## Flexibility

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

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



### Flexibility – Forecasts

[CSV](#)[ZIP](#)[gpkg](#)[PDF](#)

Latest analysis tranche reference: T9A Overview We are looking to mitigate a range of constraints across multiple voltage levels on the network. As they involve different...

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



WHERE All Polygons	gpkg	3 months ago	⬇	<a href="#">↶ Explore ▾</a>
WHERE All Postcodes	csv	3 months ago	⬇	<a href="#">↶ Explore ▾</a>

# Connected Data Portal – Trades Information



## Flexibility

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

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




### Flexibility – Trades Data and Results

[CSV](#) [ZIP](#) [PDF](#)

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...

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



Short Term Trade Parameters	csv	2 weeks ago		<a href="#">Explore</a>
-----------------------------	-----	-------------	---	-------------------------



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3

## Steps to Participation

Felix Peterken

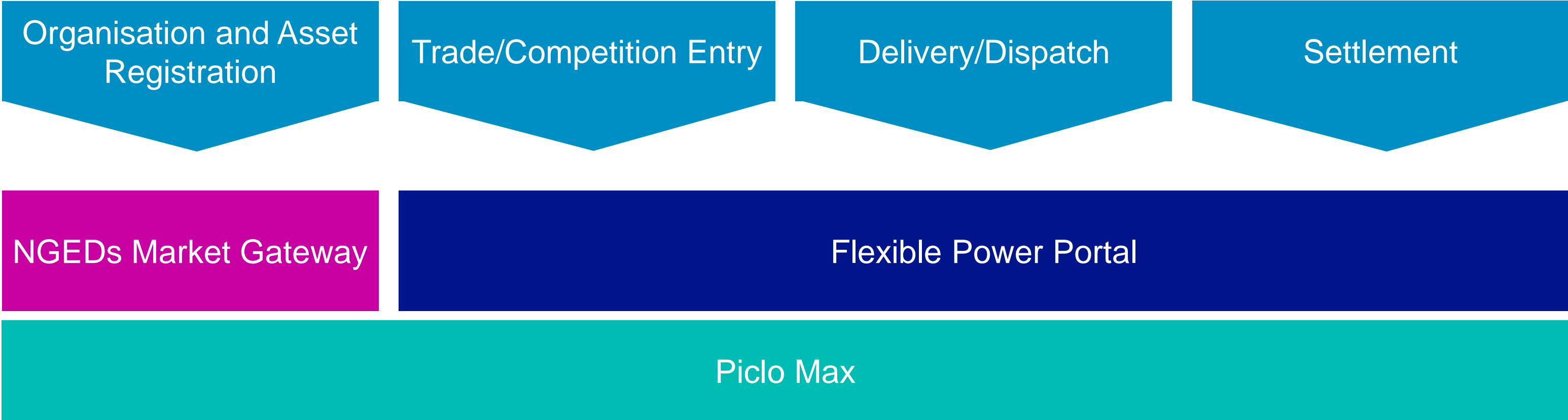
Flexibility Markets Engineer

National Grid Electricity Distribution





# Flex Market Participation



Access to NGED markets available directly or through [Piclo Flex](#)





# Market Gateway - Commercial Qualification

# Entry through Market Gateway

**<https://marketgateway.nationalgrid.co.uk/>**

nationalgrid

Home

Commercial Qualification

Contact Us

Glossary

Commercial Qualification

PIN Response

PQQ

Qualification tender

Contract

Introduction

Step 1 of 2: Confirm company account Information

Step 2 of 2: Declaration to Respond to PIN

Thank you

Commence

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## One Account per Organisation

## Multiple Users per Organisation

Account requests  
generally approved  
within 1 working day

# Market Gateway - Overarching Contract

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Home

Commercial Qualification

Contact Us

Glossary

Commercial Qualifications

PIN Response

PQQ

Qualification tender

Contract

Step 5 of 5: Supplier details form

Please download and complete the banking information form below.

Once done, please email or post the completed form to:

dsobilling.nged@nationalgrid.co.uk

DSO Billing  
Pegasus Business Park  
Castle Donington  
Derbyshire  
DE74 2TU

SUPPLIER REQUEST FORM

✓

Qualification Tender

✓

Step 1 of 5: Confirm company account information

✓

Step 2 of 5: Complete T&C Clause Groups

✓

Step 3 of 5: Complete T&C Schedules

✓

Step 4 of 5: Self billing agreement

→

Step 5 of 5: Supplier details form

After download of the billing form, the Contract Award will be issued and a Flexible Power Portal Account will be set up.

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Home

Commercial Qualification

Contact Us

Glossary

Commercial Qualifications

PIN Response

PQQ

Qualification tender

Contract

→

Contract Award

Contract Award

Thank you for completing the Commercial Qualification process.

Following receipt of your billing form, National Grid will email you with your executed Contract Documents.

From receipt of your Contract Documents a 10 day standstill period will apply, after which you will be able to enter Trade Opportunities provided Technical Qualification is complete.



# Market Gateway - Asset Registration

nationalgrid

Home Commercial Qualification Contact Us Help & Guidance

Dashboard Assets Meterable Units

Latest Updates

Assets

Search:

Search Name or ID

Q

Filter:

CMZ

^

Status

^

Asset ID	Name	Version	MPAN / MSID	CMZ	Last Updated	Status	Action
----------	------	---------	-------------	-----	--------------	--------	--------

Dashboard Assets Meterable Units

Manage Assets

Create New Asset

nationalgrid

Hello, Felix P TEST View Account Logout

Your Account

Edit Organisation

Manage Users

Market Gateway API

Change Password

Log out

Market Gateway API

Credentials Documentation Support

API Access Token

Create a new token

Please Note: if you create a new token the previous one will be revoked, meaning any existing API integrations will immediately stop working.

New Assets and Meterable Units can be created through the UI, or;  
Through APIs available in the User Account area.

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# Market Gateway - Asset Registration

Once submitted, we will approve assets and match them with a CMZ within 2 working days.

Once matched, assets can be grouped into Meterable Units – the level at which you will provide metering for the assets. Once an MU is submitted, we allocate it a MUID within 2 working days.

The MUID is used for the Flexible Power Portal communication.

For each MU, we will detect metering data and update the MU status to 'Ready for Trades'.

## Latest Updates

### Assets

Search:

Filter:

Asset ID	Name	Version	MPAN / MSID	CMZ	Last Updated	Status	Action
35	Domestic House 2	1	1122334455667	cmz_3	Wed, 10 May 2023	Approved	<a href="#">View / Edit</a>
39	Hydro Power Site 1	1	1156876532010	cmz_3	Wed, 10 May 2023	Approved	<a href="#">View / Edit</a>
43	EV Fast Charger 4	1	1102013989875	cmz_3	Wed, 10 May 2023	Approved	<a href="#">View / Edit</a>
47	PV Site 1	1	1125632478964	cmz_3	Wed, 10 May 2023	Approved	<a href="#">View / Edit</a>
51	Domestic House 3	1	1111225569870	cmz_3	Wed, 10 May 2023	Approved	<a href="#">View / Edit</a>
55	Domestic House 7	1	1125489863000	cmz_3	Wed, 10 May 2023	Approved	<a href="#">View / Edit</a>

[Dashboard](#)[Assets](#)[Meterable Units](#)[Create a New Meterable Unit Request](#)

# Market Gateway - Asset Management

DashboardAssetsMeterable Units

View Asset History

Decommission Asset

Asset ID: 160

Version	Asset Name	Active Version	Status	CMZ Code	Operational	From	To	Action
1	House-562	Is Active	Approved	-	Yes	Mon, 18 Mar 2024	-	Edit

Back

Your Asset Portfolio can be managed by decommissioning assets. Assets must be removed from Meterable Units first

Decommission Asset

Are you sure you want to decommission this Asset?

An Asset should be decommissioned once you are no longer able to provide flexibility with it or if you are no longer the owner of this Asset. This action cannot be undone, but a record will remain for auditing purposes.

Yes

No



# Flexible Power Portal

## NGED Sandbox

This week can be edited until 23:59 on Tuesday 12th November 2024

Week commencing: 18th November 2024

Zone

NGED Sandbox

Programme

SU\_SEP (auction)

DG

NGED TEST DG

Awarded Prices

0.00 / 0.00

£/MW/h

Baseline

0.00

kW

DG Power

200

kW change

Event runtime

30 / 960 / none

min

Bulk Edit

Mon 18th Nov	Tue 19th Nov	Wed 20th Nov	Thu 21st Nov	Fri 22nd Nov	Sat 23rd Nov	Sun 24th Nov
<div>05:30</div> <div>200 kW</div> <div>19:00</div>	<div>07:30</div> <div>200 kW</div> <div>13:30</div>		<div>05:00</div> <div>100 kW</div> <div>17:00</div>	<div>11:00</div> <div>200 kW</div> <div>12:30</div>		

Each week before midnight on Tuesday, FSP's can enter availability for the following delivery week.

# Flexible Power Portal

NGED Sandbox

Week commencing: 25th November 2024

Zone

NGED Sandbox

Programme

SU\_SEP (auction)

DG

NGED TEST DG

Bid Prices

100.00 / 0.00

£/MW/h

Baseline

0.00

kW

DG Power

200

kW change

Mon

25th Nov

Tue

26th Nov

Wed

27th Nov

Thu

28th Nov

Fri

29th Nov

Sat

30th Nov

Sun

1st Dec

This week can no longer be edited

Edit Auction Bid Prices

Set your utilisation bid price for the current Dispatch Group, Programme & Week.  
The Availability price is automatically calculated as the Utilisation Bid Price x 0

The ceiling price is 100.00 £/MW/h.

Utilisation Bid Price

100

£/MW/h

Availability Bid Price

0.00

£/MW/h

Cancel

Save

The ceiling price is displayed as default.  
Trade Respondents will be asked to provide their Minimum Offered Utilisation Price.



# Flexible Power Portal

## NGED Sandbox

Week commencing: 18th November 2024

<<<

<

>

>>>

Zone

NGED Sandbox

Programme

SU\_SEP (auction)

DG

NGED TEST DG

Awarded Prices

0.00 / 0.00

£/MW/h

Copy Week

Baseline

0.00

kW

DG Power

200

kW change

Event runtime

30 / 960 / none

min

This week can no longer be edited

Mon 18th Nov	Tue 19th Nov	Wed 20th Nov	Thu 21st Nov	Fri 22nd Nov	Sat 23rd Nov	Sun 24th Nov
<div>05:30</div> <div>11:30</div> <div>200 kW Accepted</div> <div>16:00</div> <div>19:00</div>	<div>07:30</div> <div>12:00</div> <div>200 kW Accepted</div> <div>13:30</div>		<div>05:00</div> <div>10:00</div> <div>100 kW Accepted</div> <div>15:00</div> <div>17:00</div>	<div>11:00</div> <div>200 kW Accepted</div> <div>12:00</div>		

After Thurs midday FSPs can view which time windows have been accepted, and the awarded price.

# Flexible Power Portal

## Trades Awards will include;

- The awarded MUs
- The awarded prices
- The awarded Utilisation windows


## Acceptance Decisions

Week commencing: 18th November 2024



Download CSV containing all declarations for all programmes across all zones for this week.

The declarations that have been accepted will have `acceptance_start` and `acceptance_end` columns populated. In addition, accepted auction programmes will have `utilisation_bid_price` and `utilisation_awarded_price` populated.

 Download Acceptance CSV





# Access National Grid DSO Markets via Piclo



About Piclo

Our mission is to  
decarbonize the world's grids

**350+**

DER owners & community  
groups

**350,000**

DER assets

**14+**

System operators

**3GW**

Flexibility procured

**£75m**

transacted to date

**10 ktons**

Carbon saving to-date

Piclo is the leading independent marketplace  
for Distributed Energy Resources





# We are on a mission to decarbonise the grid.

---

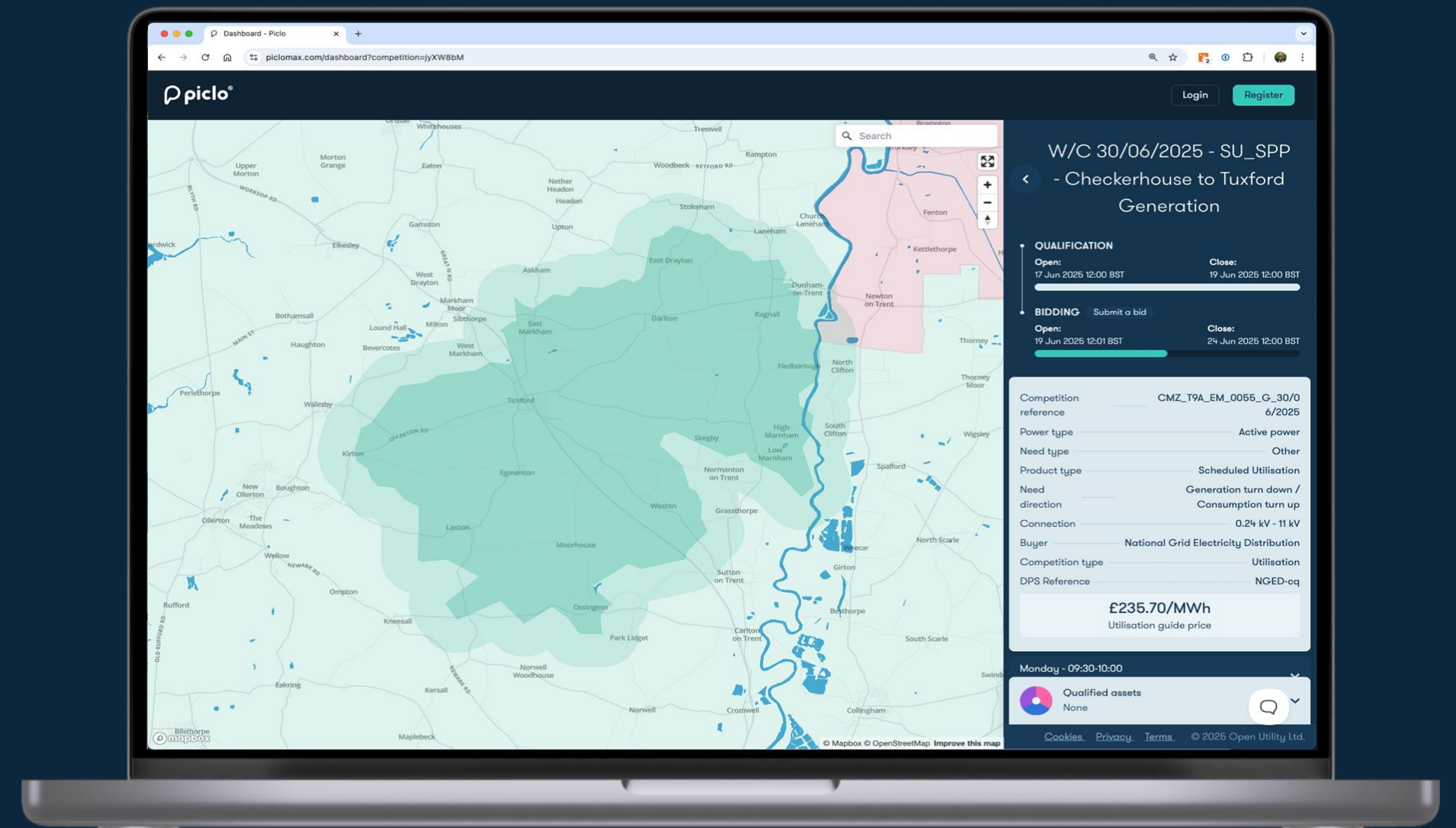
As our energy systems become cleaner, more distributed and diversified in response to the climate crisis, our grids come under more stress and face challenges in maintaining the delicate balance of supply and demand.

Flexibility is **the key component** of enabling the transition to renewable energy and net zero.



## Our partnership with National Grid DSO

- Piclo is fully integrated with Market Gateway and Flexible Power.
- Access short-term (week ahead) and long-term opportunities.
- Use the same Piclo processes, tools and APIs to navigate this market as well as dozens of other flex markets in the UK and globally.



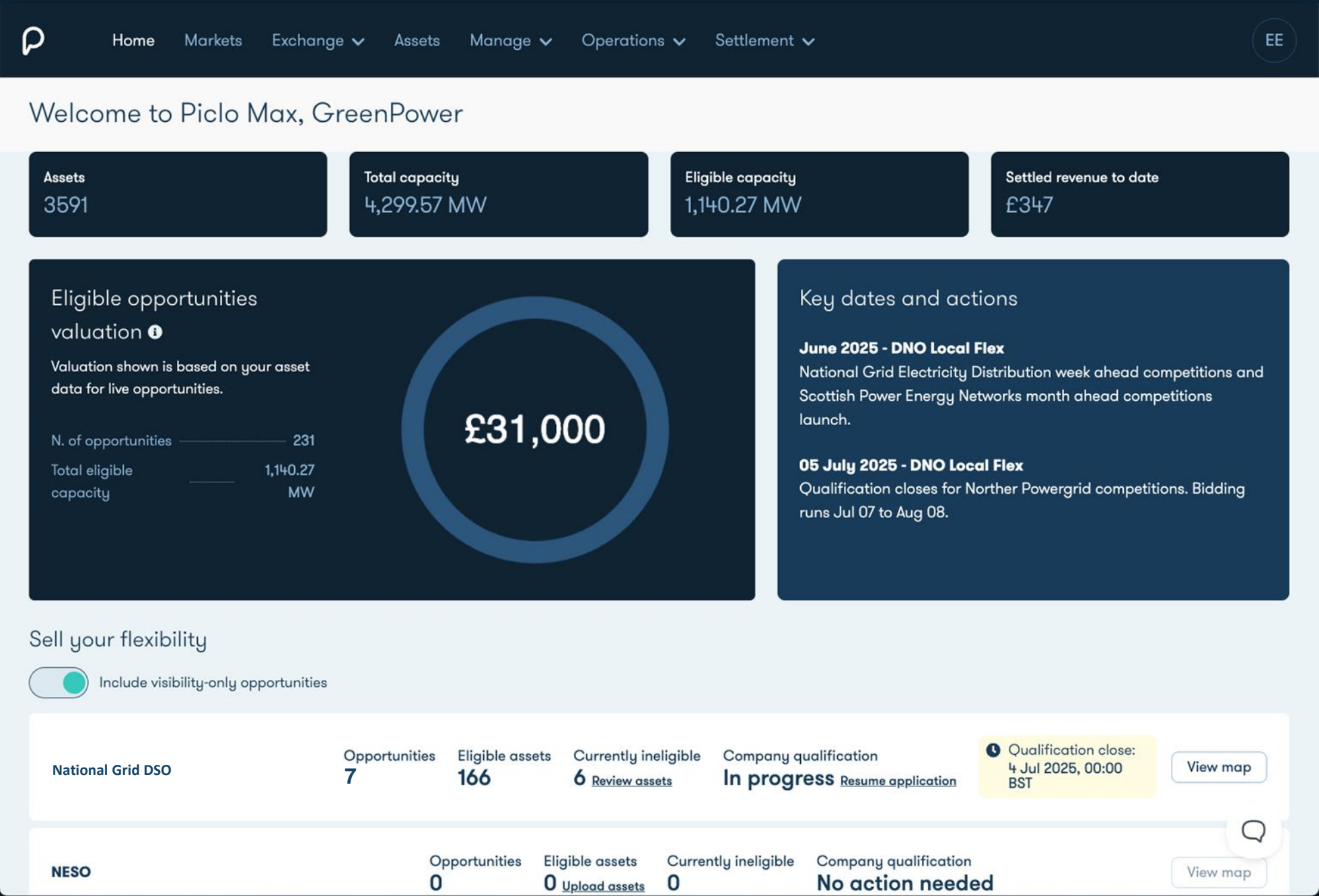
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# Maximise your portfolio

- 1. Get started: Sign up or log in to Piclo.
- 2. Upload your entire asset portfolio.
- 3. Scan the home page to determine next steps and value.
- 4. Stack opportunities across multiple markets.





# Pre-qualify

1. Complete and submit the company qualification form.
2. Our customer support team will provide updates after submission.
3. Flex providers are qualified following company and asset approval.

The screenshot shows a web interface for the 'National Grid Electricity Distribution' pre-qualification process. The top navigation bar includes links for Home, Markets, Exchange, Assets, Manage, Operations, and Settlement, along with a user profile icon labeled 'EE'. The left sidebar lists the steps of the process: Data sharing consent, Contact & company information, Auditing, insurance & legal, and Terms & conditions, with the last step being the active one. The main content area is titled 'Terms & conditions' and contains the following sections:

- NGED implementation of ENA Flexibility Service Agreement**: A link to the agreement and a confirmation question: 'Confirm; You have read the applicable NGED implementation of ENA flexibility service agreement and understand it will be a requirement to accept this Agreement in order to form any contract for the delivery of flexibility services? \*'. The 'Yes' button is selected.
- Declaration**: A question: 'Do you declare that you have the authority to submit this application and by confirming you declare that to the best of your knowledge, the information in this form is accurate? \*'. The 'Yes' button is selected.
- Submission history**: A section indicating 'No submissions'.

At the bottom right, there are 'Previous' and 'Submit' buttons, and a chat icon.



# Submit your bids!

- 1. Confirm bid offer and asset availability.
- 2. NG DSO evaluates the bids and confirms the results.
- 3. View competition results in the dashboard.
- 4. Successful bidders will receive auto-dispatch notifications via email.

HomeMarketsExchange ▾AssetsManage ▾Operations ▾Settlement ▾

EE

Monday - 18:00-18:30  
0.072 MW, 0.5 hours available

Monday - 18:30-19:00  
0.571 MW, 0.5 hours available

Monday - 19:00-19:30  
0.083 MW, 0.5 hours available

Tuesday - 18:00-18:30  
0.072 MW, 0.5 hours available

Tuesday - 18:30-19:00  
0.571 MW, 0.5 hours available

Tuesday - 19:00-19:30  
0.083 MW, 0.5 hours available

Wednesday - 18:00-18:30  
0.072 MW, 0.5 hours available

Wednesday - 18:30-19:00  
0.571 MW, 0.5 hours available

Wednesday - 19:00-19:30  
0.083 MW, 0.5 hours available

Thursday - 18:00-18:30  
0.072 MW, 0.5 hours available

Thursday - 18:30-19:00  
0.571 MW, 0.5 hours available

View bid results

18 Feb 2025, 12:00 GMT  
Competition close

closed

Bid results are displayed after System Operators confirm them.

Monday

24 February 2025  
Contract start

24 February 2025  
Contract end

18:00-18:30  
Contract hours

0.072 MW  
Total need

Capacity  
MW

Maximum runtime  
D HH:MM:SS

Utilisation offer  
£/MWh

0.1

0:30:00

125

Accepted

24 February 2025  
Contract start

24 February 2025  
Contract end

18:30-19:00  
Contract hours

0.571 MW  
Total need

Capacity  
MW

Maximum runtime  
D HH:MM:SS

Utilisation offer  
£/MWh

0.1

0:30:00

125

Accepted

24 February 2025  
Contract start

24 February 2025  
Contract end

19:00-19:30  
Contract hours

0.083 MW  
Total need

Capacity  
MW

Maximum runtime  
D HH:MM:SS

Utilisation offer  
£/MWh

0.1

0:30:00

125

Accepted

30





# Dispatch and Settlement

- 1. Easily manage upcoming and past dispatches.
- 2. Settle dispatches and confirm asset performance.
- 3. Manage payments and download invoices from the dashboard.

HomeMarketsExchange ▾AssetsManage ▾Operations ▾Settlement ▾

EE

Past dispatches

All past dispatches are displayed below.

[Download table data](#)

Dispatch ID	Status	System operator	Competition	Start date/time	End date/time
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
A7GGGGYG	Scheduled	National Grid Electricity Distribution	W/C 16/06/2025 - SU_SPP - Loughborough	20 Jun 2025, 07:30 BST	20 Jun 2025, 23:00 BST
A7GGGGYG	Scheduled	National Grid Electricity Distribution	W/C 16/06/2025 - SU_SPP - Loughborough	20 Jun 2025, 16:30 BST	20 Jun 2025, 20:00 BST
A7GGGGYG	Scheduled	National Grid Electricity Distribution	W/C 16/06/2025 - SU_SPP - Loughborough	20 Jun 2025, 08:30 BST	20 Jun 2025, 15:00 BST
A7GGGGYG	Scheduled	National Grid Electricity Distribution	W/C 16/06/2025 - SU_SPP - Loughborough	19 Jun 2025, 07:30 BST	19 Jun 2025, 23:00 BST
A7GGGGYG	Scheduled	National Grid Electricity Distribution	W/C 16/06/2025 - SU_SPP - Checkerhouse to Tuxford	19 Jun 2025, 07:00 BST	19 Jun 2025, 14:00 BST

HomeMarketsExchange ▾AssetsManage ▾Operations ▾Settlement ▾

EE

Invoices

Invoices are based on your settlement reports.

Invoice history

Sorted by: Billing period

SO	Billing period	Last updated	Action
NG DSO	Jun 2025	6 Jun 2025 10:56	<a href="#">Download</a>
NG DSO	May 2025	6 Jun 2025 10:56	<a href="#">Download</a>
NG DSO	Apr 2024	16 May 2024 17:04	<a href="#">Download</a>
NG DSO	Jul 2023	4 Dec 2023 18:10	<a href="#">Download</a>



# Thank you!



[piclomap.com](https://piclomap.com)

To find out more, contact [der@piclo.energy](mailto:der@piclo.energy).

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4

Continued  
Engagement

Luke Boucher  
Commercial Officer

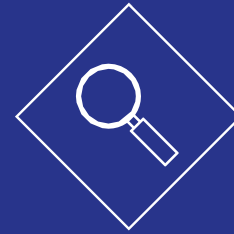
National Grid Electricity Distribution





# Continued Engagement

**1** Mailing List



Join [HERE](#) to keep up to date with all things Flex

**2** Market Insights Report



Our report shares the outcomes of our activities between April 2024 and March 2025

**3** Focus Group



New quarterly focus group launched. Get in touch [HERE](#) if you're interested in joining.

# Useful Links

Link	Description
<a href="#"><u>Market Gateway</u></a>	Registration, Qualification, Contract and Asset Registration
<a href="#"><u>Flexible Power Portal</u></a>	Trades, Operation and Settlement, API Documentation
<a href="#"><u>Flexible Power Website</u></a>	Guidance Documents
<a href="#"><u>Connected Data Portal</u></a> (CDP)	Flexibility Requirements, Trade Results and Data
<a href="#"><u>Flex In Five</u></a>	A brief overview of Flexibility and procurement
<a href="#"><u>Piclo Data Hub</u></a>	Open market data covering GB DSO markets (including week-ahead)
<a href="#"><u>Piclo Guide</u></a>	Demonstrates how to navigate the National Grid DSO markets via Piclo



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Q&A

Doerte

Schneemann

Head of Flexibility Markets

National Grid Electricity Distribution





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Thank You

[nged.flexiblepower@nationalgrid.co.uk](mailto:nged.flexiblepower@nationalgrid.co.uk)

National Grid Electricity Distribution

