

Electricity  
Distribution

# On Track To Trade Webinar

Long Term Trades

23<sup>rd</sup> Sept 2025

nationalgrid ► DSO



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# Welcome and Introduction

**Doerte Schneemann**  
Head of Flexibility Markets

nationalgrid ► DSO



# Agenda

|                               |   |  |               |
|-------------------------------|---|--|---------------|
| Welcome and Introduction      | <ul style="list-style-type: none"><li>- Agenda</li><li>- Team Structure</li><li>- Flexibility Aims and Objectives</li></ul>         | <b>Doerte Schneemann</b><br>Head of Flexibility Markets  | 10.00 – 10.05 |
| Flexibility Services Overview | <ul style="list-style-type: none"><li>- Products</li><li>- Requirement Highlights</li><li>- What's New</li><li>- Timeline</li></ul> | <b>Yingyi Wang</b><br>Flexibility Commercial Manager     | 10.05 -10.10  |
| Datasets                      | <ul style="list-style-type: none"><li>- Zone Info</li><li>- Trade Info</li></ul>  | <b>Luke Boucher</b><br>Flexible Power Commercial Officer | 10.10-10.15   |
| Steps To Participation        | <ul style="list-style-type: none"><li>- Overview of process</li><li>- Improved Functionalities</li></ul>                            | <b>Daria Wosko</b><br>Flexible Power Commercial Officer  | 10.15 – 10.25 |
| Piclo Overview                | <ul style="list-style-type: none"><li>- Overview of participation through Piclo</li></ul>   | <b>Ben Hall</b><br>Commercial Manager                    | 10.25 – 10.35 |
| Next Steps                    | <ul style="list-style-type: none"><li>- Participation checklist</li><li>- Participation reminders</li></ul>                         | <b>Yingyi Wang</b><br>Flexibility Commercial Manager     | 10.35 –10.40  |
| Continued Engagement          | <ul style="list-style-type: none"><li>- Day Ahead Trades</li><li>- Focus Group</li><li>- DSO Conference</li></ul>                   | <b>Yingyi Wang</b><br>Flexibility Commercial Manager     | 10.40 –10.45  |
| Q&A                           | <ul style="list-style-type: none"><li>- Questions can be posted in the chat at any time</li></ul>                                   | <b>Doerte Schneemann</b><br>Head of Flexibility Markets  | 10.45 – 10.55 |
| Wrap Up and Poll              | <ul style="list-style-type: none"><li>- Thank you</li></ul>   | <b>Yingyi Wang</b><br>Flexibility Commercial Manager     | 10.55 –11.00  |



# Doerte Schneemann

## Head of Flexibility Markets



**Alex Dos Santos Aranda**  
Flexibility Markets Engineer



**Alex Daramola**  
Flexibility Markets Engineer



**Lewis Davies**  
Flexibility Markets Engineer



**Yingyi Wang**  
Flexibility Commercial Manager



**Daria Wosko**  
Commercial Officer



**Luke Boucher**  
Commercial Officer



**Sarah Manning-Benson**  
Team support

## Webinar Objectives

- Understand our flexibility services
- Understand available data
- Steps to enter into our markets
- Signposting to relevant information
- Answer any questions you might have

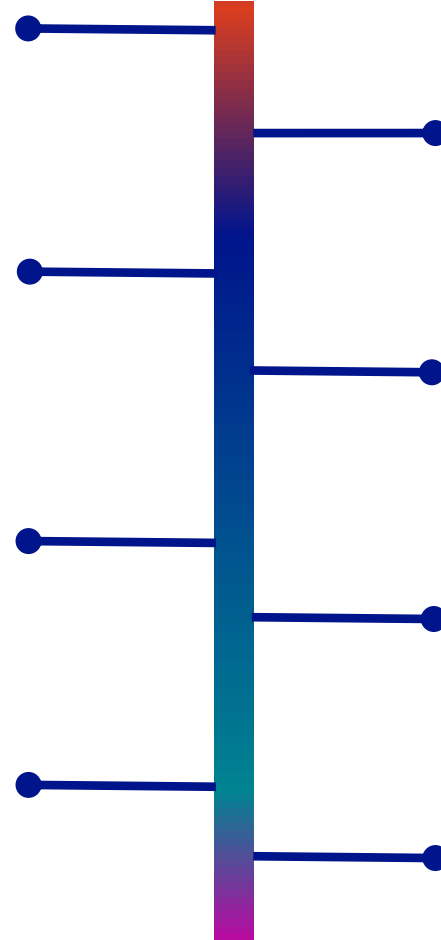
# Timeline

**2017 – First BAU flexibility  
Procurement**

**2023 Introduced Week Ahead trading**

**Partnered with Piclo enabling FSPs  
to access our markets via Piclo**

**Trading has been moved to Market  
Gateway for both LT and ST trades**



**2023 – Launched Market Gateway**

**Sept 2024 ~85k assets  
registered in Market Gateway**

**Sept 2025 ~200k assets  
registered in Market Gateway**

**Winter 25/26 launching Day Ahead**

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# Flexibility Services Overview

**Yingyi Wang**

Flexibility Commercial Manager

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# Eligibility

We work with energised assets of any size or technology type, provided they can deliver for a minimum of 30 minutes.

**Residential  
demand  
response**

**Industrial and  
commercial  
sites**

**Owners and  
operators of  
storage and  
generation**



# Flexibility Products



## Scheduled Utilisation

This service is a scheduled constraint management service with fixed delivery periods. It offers a utilisation only payment.



## Scheduled Availability, Operational Utilisation

This service has been developed to support the network in the event of specific fault conditions, such as during maintenance work. It offers an availability and utilisation payment.








## Operational Utilisation

This service supports power restoration following rare fault conditions. No availability payment, instead it offers a premium utilisation payment.

Long Term

Short Term

# Long Term Requirements

|   |  |
|---|--|
|    | <b>Procurement is for delivery between April 2026 and March 2027</b>                                 |
|    | <b>HV Zones – 67 DTD, 5 DTU and 24 GSP DTU<br/>LV Zones- 1144</b>                                    |
|    | <b>4.5 million customer in open zones</b>  |
|   | <b>Highest HV zonal ceiling price; £5000/MWh<br/>Average HV zonal ceiling price; £430/MWh</b>        |
|  | <b>Highest LV zonal ceiling price; £888.44/MW/h<br/>Average LV zonal ceiling price; £238.63/MW/h</b> |

# Flexibility Updates

## Further unlock stacking

- ✓ Stacking between HV and LV zones
- ✓ Stacking between HV and GSP/BSP Zones

## New trading experience

Trading has been moved to Market Gateway for both LT and ST trades.

Historical trading records are available to view on MG

## Joint Utilisation Competition

LT contract holders are able to bid in the ST markets with lower utilisation prices to remain competitive

## FlexUp

New Demand Turn Up markets to proactively shift flexible demand into periods of high local renewable generation

# Procurement Timeline

15th September

Requirements Published to CDP and  
Market Gateway

**29th September**

**Trades Open**

17th November

Trade Deadlines

26th January 2026

Trade Awards Announced



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# Datasets

**Luke Boucher**  
Flexible Power Commercial Officer

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# Zone Information

- Polygon Format
- CSV Format
- Postcode matching
- Substation matching

## Welcome to National Grid's Connected Data Portal



**Flexibility – Forecasts**

CSV

ZIP

gpkg

PDF

Latest analysis tranche reference: T10A Overview We are looking to mitigate a range of constraints across multiple voltage levels on the network. As they involve different...



|                     |      |            |   |  |
|---------------------|------|------------|---|--|
| WHERE All Polygons  | gpkg | 1 week ago | ↓ |  |
| WHERE All Postcodes | zip  | 1 week ago | ↓ |  |

# Trades Information

- Low Voltage (DTU)
- High Voltage (DTU/GTD & DTD/GTU)
- Requirements
- Ceiling prices
- Trade open and close date
- Capacity requirements
- Days and times of requirements

## Welcome to National Grid's Connected Data Portal






### Flexibility – Trades Data and Results

[CSV](#) [ZIP](#) [PDF](#) [.csv.gz](#)

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...



|                                       |     |            |   |   |
|---------------------------------------|-----|------------|---|---|
| LV - Long Term<br>Trade<br>Parameters | csv | 1 week ago |  |  |
| HV - Long Term<br>Trade<br>Parameters | zip | 1 week ago |  |  |

# Data Locations Table

|                                    | Dataset                          | Description  | Long Term LV  | Long Term HV  | Short Term   |
|------------------------------------|----------------------------------|--|---|---|--|
|                                    |                                  |  | <b>SU_SPP</b> (Scheduled Utilisation- specific periods) | <b>SAOU_DA</b> (Scheduled Availability, Day Ahead Operational Utilisation)<br><b>OU_15</b> (15 minute notice Operational Utilisation) | <b>SU_SEP</b> (Scheduled Utilisation- settlement period) |
| Annual Flexibility Assessment Data | WHERE; Postcode and polygon data | Ahead of registering MPAN data with us, you can get a good indication of whether your assets are with a CMZ using these files.   | <a href="#">Click here</a>                              |   |  |
|                                    | HOW MUCH; Ceiling prices         | We have set ceiling prices for all Zones, this data set outlines the maximum price of bids we'll accept.   | <a href="#">Click here</a>                              | <a href="#">Click here</a>  |  |
|                                    | WHEN; Requirement volumes        | A forecast of what peak volume we potentially need in each CMZ.  |   | <a href="#">Click here</a>  |  |
|                                    | WHEN; Requirement profiles       | A forecast of what volumes we may need in each CMZ per settlement period.  |   | <a href="#">Click here</a>  |  |
| Trade Opportunity Data             | Trade Parameters                 | The actual flexibility needs that we want to buy. Detailed per settlement period, with ceiling prices and volumes. We also publish <a href="#">graphs</a> to support the Long Term Trade Parameter Data.   | <a href="#">Click here</a>                              | <a href="#">Click here</a>  | <a href="#">Click here</a>                               |
| Archive Data                       | Flex Assessment Data             | Records of previous Annual Flex Assessment data.<br><br>Until we publish Short Term Trade Opportunity data in October, the T8A data set found here will include some requirements which are being actively procured in our Short Term Market.    | <a href="#">Click here</a>                              |   |  |
| Result Data                        | Long Term Trade Results          | Published information on our Long Term procurement activities to date.   | <a href="#">Click here</a>                              |   | <a href="#">Click here</a>                               |
| Visibility Data                    | Flexibility Reporting            | The data we share with Ofgem to report on our flex activities, including transparent data on our utilisation decisions.<br><br>You will need to have registered a registered account to access this data which you can do <a href="#">here</a> . | <a href="#">Click here</a>                              |   |  |



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# Steps To Participation

**Daria Wosko**

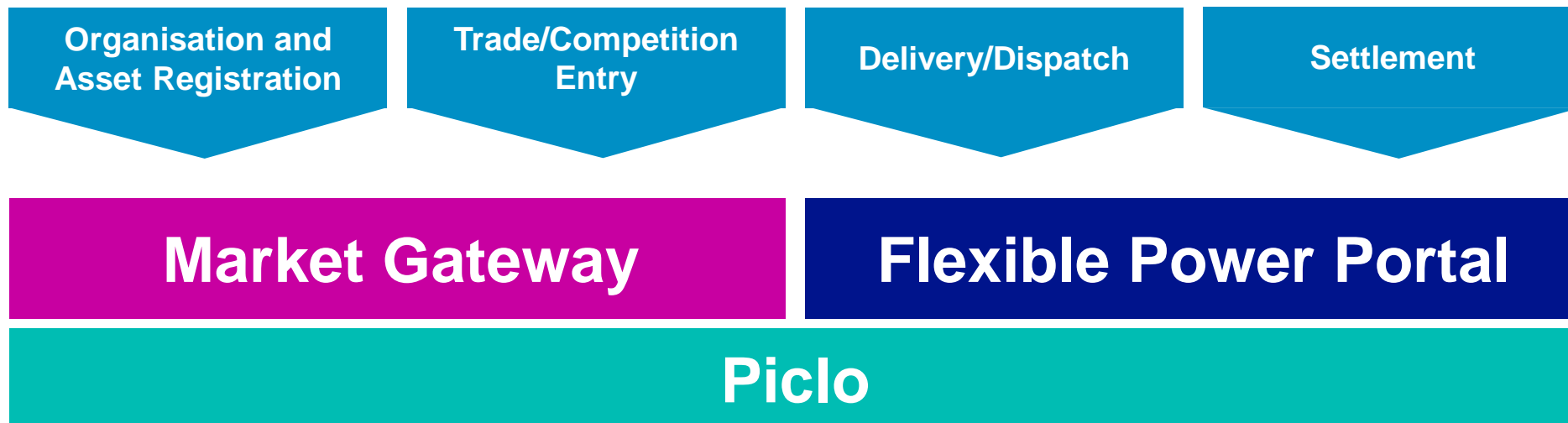
Flexible Power Commercial Officer

nationalgrid ► DSO

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# Market Participation Platforms



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

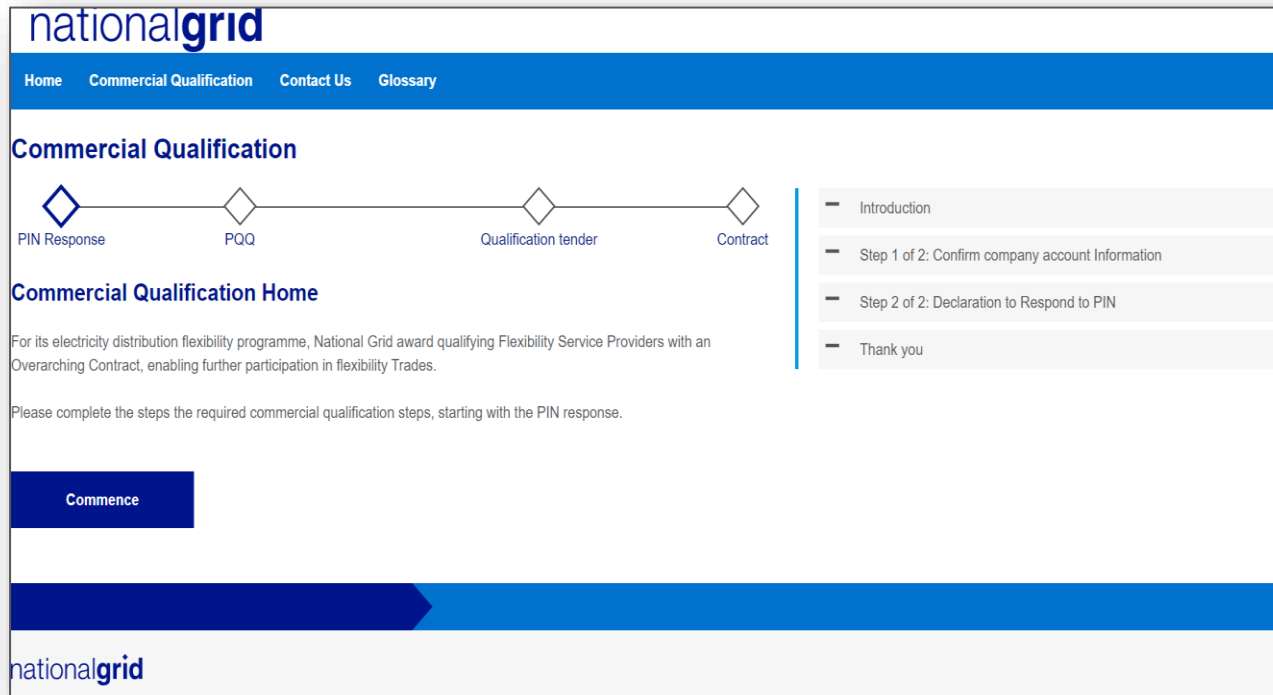


nationalgrid

# Market Gateway – Commercial Qualification

## Entry through Market Gateway

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



One Account per Organisation

Multiple Users per Organisation

Account requests generally approved within 1 working day

# Market Gateway – Overarching Contract

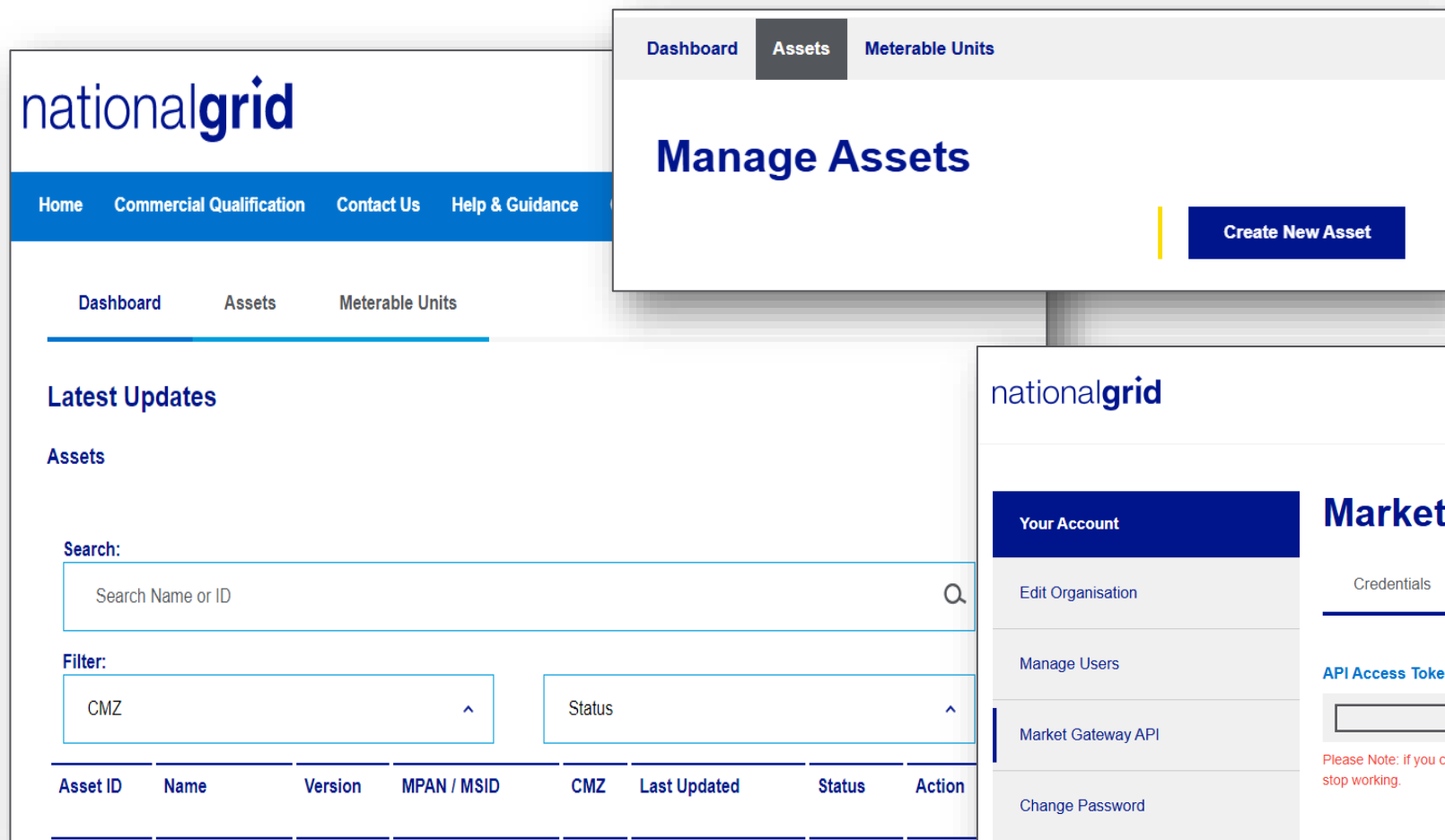
The screenshot shows the 'nationalgrid' website with a navigation bar containing 'Home', 'Commercial Qualification', 'Contact Us', and 'Glossary'. The main heading is 'Commercial Qualifications'. Below it is a progress bar with four stages: 'PIN Response', 'PQQ', 'Qualification tender', and 'Contract'. The 'Qualification tender' stage is currently active. To the right of the progress bar is a list of steps with checkmarks: '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', and 'Step 5 of 5: Supplier details form'. Below the progress bar, the text reads 'Step 5 of 5: Supplier details form' and 'Please download and complete the banking information form below.' It also includes the email 'dsobilling.nged@nationalgrid.co.uk' and the address 'DSO Billing, Pegasus Business Park, Castle Donington, Derbyshire, DE74 2TU'. At the bottom is a blue button with a document icon and the text 'SUPPLIER REQUEST FORM'.

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

The screenshot shows the 'nationalgrid' website with a navigation bar containing 'Home', 'Commercial Qualification', 'Contact Us', and 'Glossary'. The main heading is 'Commercial Qualifications'. Below it is a progress bar with four stages: 'PIN Response', 'PQQ', 'Qualification tender', and 'Contract'. The 'Contract' stage is currently active. To the right of the progress bar is a button with a right arrow and the text 'Contract Award'. Below the progress bar, the text reads 'Contract Award' and 'Thank you for completing the Commercial Qualification process.' It also includes the text 'Following receipt of your billing form, National Grid will email you with your executed Contract Documents.' and '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.'



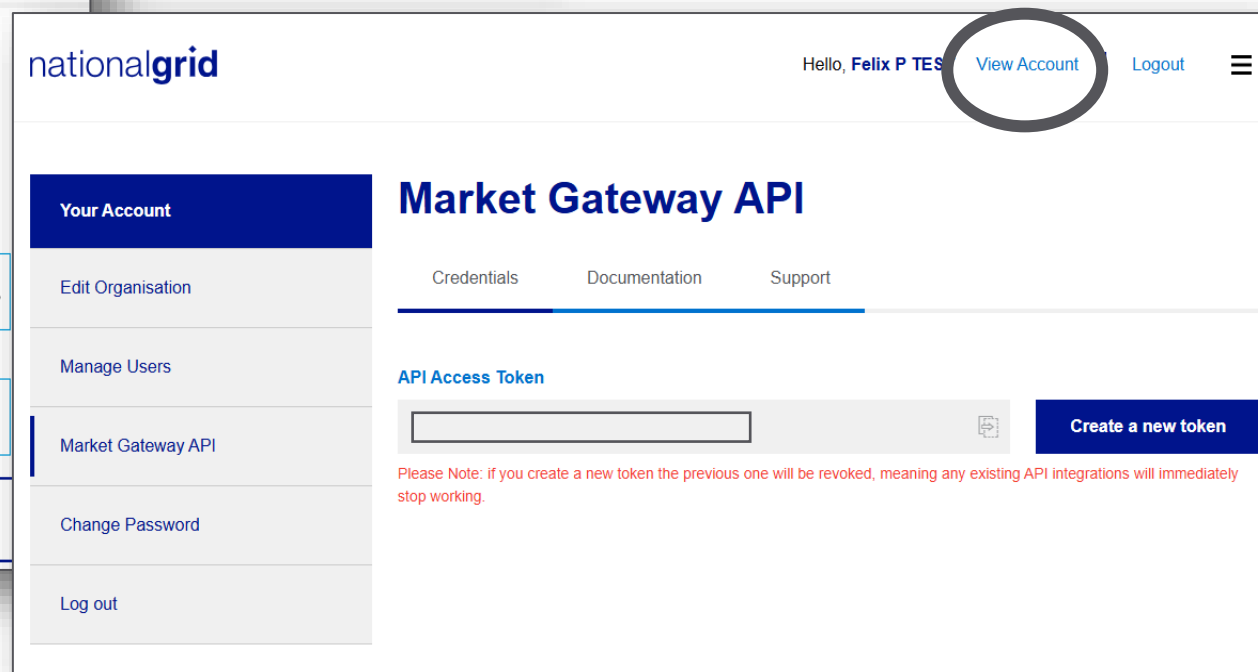
# Market Gateway – Asset Registration



The screenshot shows the 'nationalgrid' website with the 'Assets' tab selected in the top navigation bar. The main heading is 'Manage Assets', and there is a 'Create New Asset' button. Below this, there is a 'Latest Updates' section for 'Assets'. A search bar is present with the placeholder 'Search Name or ID'. Below the search bar, there are filter dropdowns for 'CMZ' and 'Status'. At the bottom, there is a table with columns: Asset ID, Name, Version, MPAN / MSID, CMZ, Last Updated, Status, and Action.

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

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



The screenshot shows the 'nationalgrid' website with the 'View Account' link circled in the top right corner. The main heading is 'Market Gateway API'. Below this, there are tabs for 'Credentials', 'Documentation', and 'Support'. A section titled 'API Access Token' contains a text input field and a 'Create a new token' button. Below this, there is a note: 'Please Note: if you create a new token the previous one will be revoked, meaning any existing API integrations will immediately stop working.'

**Your Account**

- Edit Organisation
- Manage Users
- Market Gateway API
- Change Password
- Log out

# 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:

^ ×

^ ×

DashboardAssetsMeterable Units

Create a New Meterable Unit Request

| 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> |

# 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 | -  | <a href="#">Edit</a> |

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

# Market Gateway – Trades

## Trade Opportunities

Commercial Qualification is complete and FLEXIBILITY MARKET LIMITED is ready to trade

All Opportunities

Opportunity Status

Ready to Trade

Time Window

Upcoming Opportunities

Product Type

All Products

Search Opportunity Name

Search CMZ ID

| Response Status | Opportunity Name   | Opportunity ID | CMZ Name                 | CMZ ID            | Opening Date     | Closing Date    | Product  | Ceiling Price (Availability) | Ceiling Price (Utilisation) | Ceiling Price (Sustain) | Delivery Unit of Measure | Action |
|-----------------|--|----------------|--------------------------|-------------------|------------------|-----------------|--|------------------------------|-----------------------------|-------------------------|--------------------------|--------|
| No Response     | DEMO T10A - 2026/27 - Scheduled Availability Operational Day Ahead Notice - Moira Primary Generation | 44885          | Moira Primary Generation | CMZ_T9A_EM_0054_G | Mon, 14 Jul 2025 | Mon, 1 Dec 2025 | Scheduled Availability, Operational Utilisation – Day Ahead Notice |                              |                             |                         |                          |        |

Once logged in to Market Gateway, navigate to the ‘FSP Dashboard’, where you can access the ‘Trade Opportunities’.

Alternatively, you can access them using the top navigation bar, selecting ‘Trade Opportunities’ to view all available trades

## Flexibility Service Providers Dashboard

National Grid’s Market Gateway has been developed for the purpose of facilitating Flexibility Service Providers into its electricity distribution flexibility programme.

Here, parties wishing to provide flexibility services within our flexibility programme can;

- Complete commercial pre-qualification requirements.
- Receive an Overarching Contract enabling participation in Trade Opportunities.
- Register assets for participation in Trade Opportunities.
- Complete the pre-Trade Technical Requirements needed for the delivery of services.
- Participate in Trade Opportunities for the provision of flexibility services.

You must start with the commercial qualification.

### Commercial Qualification

✓ Complete  
[Details →](#)

### Asset Registrations

✓ Ready to register Assets and MUs  
[Details →](#)

### Trade Opportunities

✓ Ready to start  
[Details →](#)



# Market Gateway – Trades

## Declare Availability

April 2026  
1 Apr 26 - 30 Apr 26

May 2026  
1 May 26 - 31 May 26

June 2026  
1 Jun 26 - 30 Jun 26

July 2026  
1 Jul 26 - 31 Jul 26

August 2026  
1 Aug 26 - 31 Aug 26

September 2026  
1 Sept 26 - 30 Sept 26

Offered capacity must be provided for each window where availability has been declared

Offered Capacity (MW)\*

0.003

Offered capacity cannot exceed the total capacity of the selected Meterable Unit (0.003MW)

☒ Apply this capacity to all windows in this opportunity

| Select All     | My Availability                     | Monday                                      | Tuesday                                     | Wednesday                                   | Thursday                                    | Friday                                      | Saturday                                    | Sunday                                      |
|----------------|-------------------------------------|---|---|---|---|---|---|---|
| 09:30 to 10:00 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 10:00 to 10:30 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 10:30 to 11:00 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input checked="" type="checkbox"/> | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 11:00 to 11:30 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 11:30 to 12:00 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input checked="" type="checkbox"/> | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 12:00 to 12:30 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 12:30 to 13:00 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 13:00 to 13:30 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 13:30 to 14:00 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 14:00 to 14:30 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 14:30 to 15:00 | <input checked="" type="checkbox"/> | 1000 MW <input checked="" type="checkbox"/> | 1000 MW <input checked="" type="checkbox"/> | 1000 MW <input checked="" type="checkbox"/> | 1000 MW <input checked="" type="checkbox"/> | 1000 MW <input checked="" type="checkbox"/> | 1000 MW <input checked="" type="checkbox"/> | 1000 MW <input checked="" type="checkbox"/> |
| 15:00 to 15:30 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |
| 15:30 to 16:00 | <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            | 1000 MW <input type="checkbox"/>            |

Trade functions is now operational  
in Market Gateway

Trades can be submitted via API  
Assign Meterable Units into Trades

Declare Availability

Submit Response Details

## Response Summary

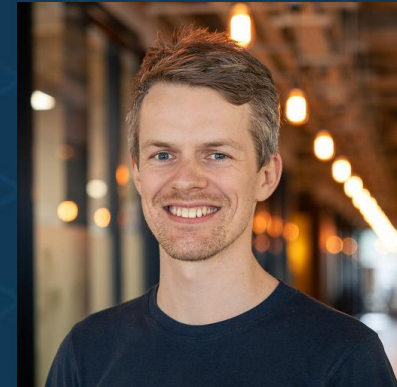
|                            |                 |
|----------------------------|-----------------|
| Response ID                | 18870           |
| Response Name              | Moira Long Term |
| Min Run Time (mins)        | 30              |
| Max Run Time (mins)        | 60              |
| Max Weekly Run Time (mins) |                 |
| Price (availability)       | £2.47           |
| Price (utilisation)        | £148.00         |

## Selected Meterable Units

| Meterable Unit ID | Name     | Operational From | Operational To | Last Updated    | Actions              |
|-------------------|----------|------------------|----------------|-----------------|----------------------|
| 2822              | Moira MU | Mon, 4 Aug 2025  | -              | Fri, 1 Aug 2025 | <a href="#">View</a> |



# Access National Grid DSO Markets via Piclo



Ben Hall  
Senior Commercial Manager



## About Piclo

Our mission is to decarbonise  
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**

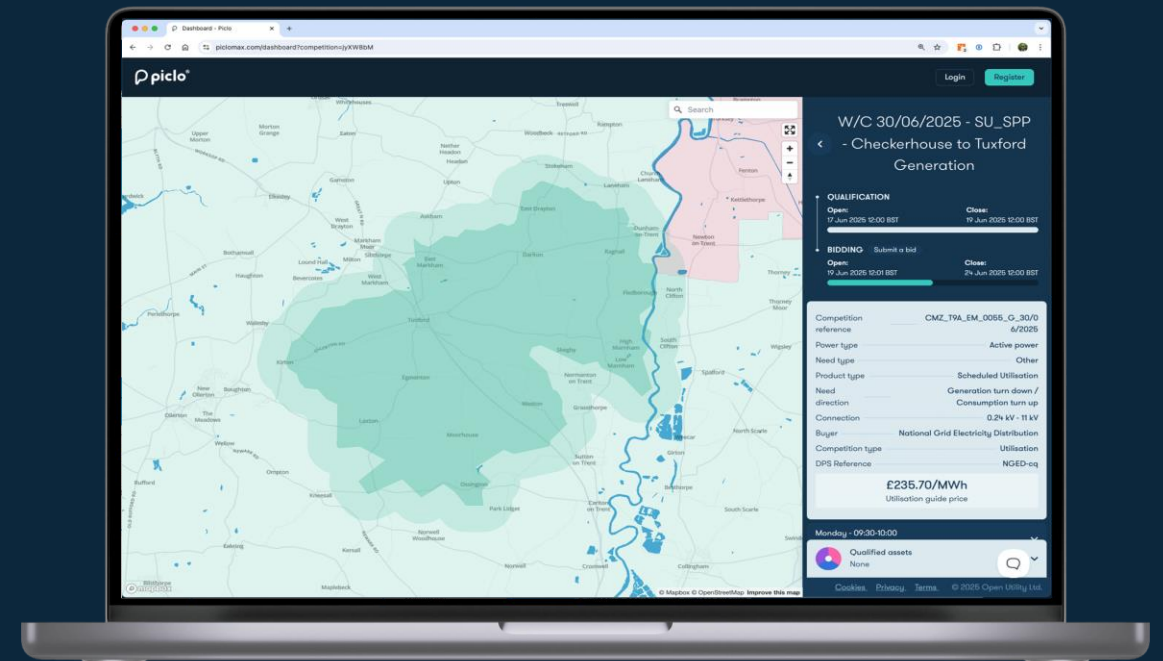
Carbon saving to-date

Piclo is the leading independent marketplace for  
Distributed Energy Resources



## Our partnership with National Grid DSO

- Piclo is fully integrated with NG DSOs processes and systems.
- End to end process: From qualification and trading, to dispatch and settlement.
- Short term (week ahead) and long term trades.
- We act on your behalf: No need to log into Market Gateway or Flexible Power.



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## The end-to-end journey

### Get started

1. Sign up or log in to Piclo.
2. Upload your assets.
3. Use the home page to see:
  - a. Portfolio overview
  - b. Revenue estimation
  - c. Eligible markets
  - d. Next best action

Create and manage assets via API:

[docs.picloflex.com](https://docs.picloflex.com)

The screenshot shows the Piclo Max, GreenPower dashboard. At the top is a navigation bar with links: Home, Markets, Exchange, Assets, Manage, Operations, and Settlement. A user profile icon labeled 'EE' is in the top right. Below the navigation bar is a welcome message: 'Welcome to Piclo Max, GreenPower'. The dashboard features several key metrics in dark blue boxes: 'Assets' (3591), 'Total capacity' (4,299.57 MW), 'Eligible capacity' (1,140.27 MW), and 'Settled revenue to date' (£347). A large central section titled 'Eligible opportunities valuation' shows a valuation of £31,000, with a note that the valuation is based on asset data for live opportunities. To the left of this valuation are two progress bars: 'N. of opportunities' at 231 and 'Total eligible capacity' at 1,140.27 MW. To the right is a 'Key dates and actions' section with two entries: 'June 2025 - DNO Local Flex' (National Grid Electricity Distribution week ahead competitions and Scottish Power Energy Networks month ahead competitions launch) and '05 July 2025 - DNO Local Flex' (Qualification closes for Norther Powergrid competitions. Bidding runs Jul 07 to Aug 08). Below this is a 'Sell your flexibility' section with a toggle switch for 'Include visibility-only opportunities'. At the bottom, there are two rows of data for 'National Grid DSO' and 'NESO'. For National Grid DSO, there are 7 opportunities, 166 eligible assets, 6 currently ineligible assets (with a 'Review assets' link), and the company qualification is 'In progress' (with a 'Resume application' link). A yellow alert box indicates a qualification close on 4 Jul 2025, 00:00 BST, with a 'View map' button. For NESO, there are 0 opportunities, 0 eligible assets (with an 'Upload assets' link), 0 currently ineligible assets, and the company qualification is 'No action needed', also with a 'View map' button.

Home Markets Exchange Assets Manage Operations Settlement EE

Welcome to Piclo Max, GreenPower

Assets: 3591

Total capacity: 4,299.57 MW

Eligible capacity: 1,140.27 MW

Settled revenue to date: £347

Eligible opportunities valuation ⓘ

Valuation shown is based on your asset data for live opportunities.

N. of opportunities: 231

Total eligible capacity: 1,140.27 MW

£31,000

Key dates and actions

**June 2025 - DNO Local Flex**  
National Grid Electricity Distribution week ahead competitions and Scottish Power Energy Networks month ahead competitions launch.

**05 July 2025 - DNO Local Flex**  
Qualification closes for Norther Powergrid competitions. Bidding runs Jul 07 to Aug 08.

Sell your flexibility

☒ Include visibility-only opportunities

|                   | Opportunities | Eligible assets                 | Currently ineligible            | Company qualification                          |  |
|-------------------|---------------|---------------------------------|---------------------------------|--|--|
| National Grid DSO | 7             | 166                             | 6 <a href="#">Review assets</a> | In progress <a href="#">Resume application</a> | <div>Qualification close: 4 Jul 2025, 00:00 BST</div> <a href="#">View map</a> |
| NESO              | 0             | 0 <a href="#">Upload assets</a> | 0                               | No action needed                               | <a href="#">View map</a>   |



## The end-to-end journey

### Qualification

1. Submit the company qualification form.
2. NG reviews application.
3. Receive contract.
4. 10 day standstill.
5. You are then ready to start bidding.

The screenshot shows a web interface for the 'National Grid Electricity Distribution' 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 main content area is divided into two sections. On the left, a sidebar titled 'National Grid Electricity Distribution' lists four steps, each with a checkmark: 'Data sharing consent', 'Contact & company information', 'Auditing, insurance & legal', and 'Terms & conditions'. The right section, titled 'Terms & conditions', contains the following text: 'NGED implementation of ENA Flexibility Service Agreement', 'The NGED implementation of ENA Flexibility Service Agreement [here](#)', '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? \*', and two buttons labeled 'Yes' and 'No'. Below this is a 'Declaration' section with the text: '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? \*', and two buttons labeled 'Yes' and 'No'. At the bottom, there is a 'Submission history' section stating 'No submissions'. The interface concludes with 'Previous' and 'Submit' buttons, and a chat icon in the bottom right corner.





## The end-to-end journey

### Market visibility

Use the map view to see:

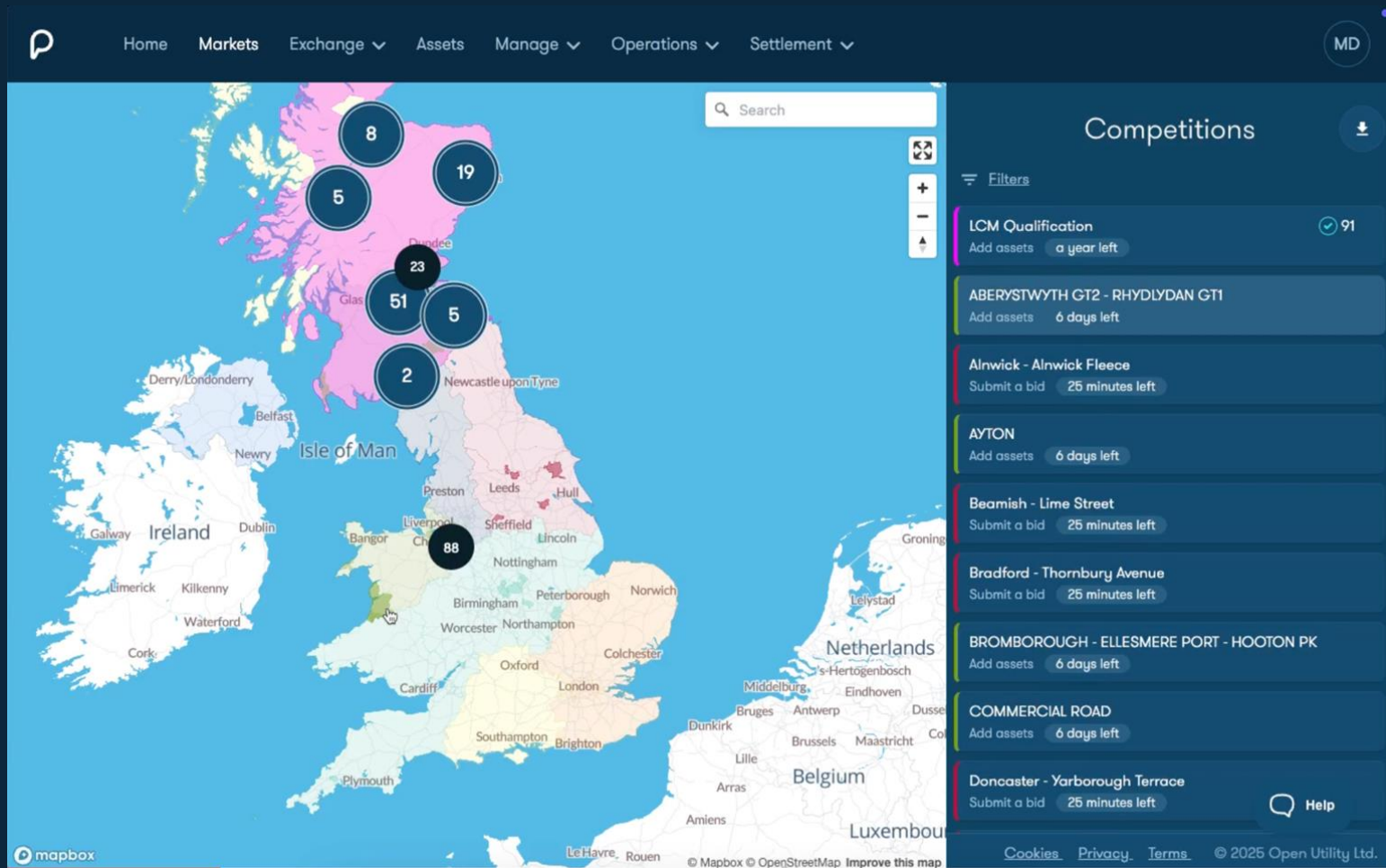
1. Every live CMZ across all markets.
2. Your portfolio and asset eligibility.
3. Competition details.

Download competition data as CSV:

[data.piclo.energy](https://data.piclo.energy)

Find and retrieve competitions via API:

[docs.picloflex.com](https://docs.picloflex.com)





## The end-to-end journey

# Trading

1. Submit bids before trading closes on 17/11.
2. Pico ensures they are compliant.
3. NG evaluates bids and confirms the results.
4. View competition results in the dashboard.

Submit bids via API:  
[docs.picloflex.com](https://docs.picloflex.com)

Pico

Home Markets Exchange ▾ Assets Manage ▾ 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

32



# The end-to-end journey

## Dispatch and Settlement

- 1. Manage upcoming and past dispatches.
- 2. Receive dispatch instructions.
- 3. Upload settlement data.
- 4. Manage payments and download invoices from the dashboard.

P

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 |

P

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  | <div>Download</div> |
| NG DSO | May 2025       | 6 Jun 2025 10:56  | <div>Download</div> |
| NG DSO | Apr 2024       | 16 May 2024 17:04 | <div>Download</div> |
| NG DSO | Jul 2023       | 4 Dec 2023 18:10  | <div>Download</div> |



## Video walkthrough

[Watch here](#)



# Step by Step guides

## NGED / Market Gateway Overview

Flexibility Service Providers can now use Pico to participate in National Grid Electricity Distribution's (NGED) competitions via an integration with the Market Gateway platform which allows you to view and manage your asset data across both platforms.

To participate in NGED competitions, the information below provides an overview of the process and the information involved.

## Registration

If you are not yet registered with Pico, please create an account, go to the top navigation bar and complete the forms.

As part of this process, you can create a user login (email, password) for your (FSP) organisation account by providing registered company information. Please use the parent company information provided on the form.

You will need to accept the user terms for yourself, and the service terms for your organisation.

### What if I already have a Market Gateway account?

If you already have an account and asset data within Market Gateway, please email [support@pico.energy](mailto:support@pico.energy) so that we can assist you further.

**IMPORTANT:** The company email address that you provide at registration is the email address that receives important emails such as dispatch instructions so please ensure that emails are forwarded to the correct team by setting rules via your email client.

## Company Qualification

Once you've registered on Pico, the next step is to complete the company qualification application. The application is called "National Grid Electricity Distribution" or you can navigate to it via the competition on the map or the manage menu.

- Navigate to **Manage > Applications > National Grid Electricity Distribution**

## Company Qualification

Once you've registered on Pico, the next step is to complete the company qualification. The application is called "National Grid Electricity Distribution" or you can navigate to it via the competition on the map or the manage menu.

- Navigate to **Manage > Applications > National Grid Electricity Distribution**
- Click apply (top right) and complete the company qualification application. At a later stage, please select 'save' and 'continue' to save any information provided so that you can come back to it at a later stage.
- The application includes a specific data consent question. This is between the Pico and Market Gateway on your behalf. To learn more, please see the **National Grid Electricity Distribution** page.
- After submission of the company qualification application, you will be notified via email of the outcome of your application.
- If the company qualification is rejected, there will be an opportunity to re-apply via Pico.

## Asset Qualification

NGED will only qualify operational assets. You can upload or change existing assets.

To upload new operational assets and/or edit existing operational assets, please follow the steps below:

1. Navigate to **Manage > Assets** and 'download the latest template' to get the 'existing assets' to change or remove existing assets in the platform.
2. Fill in all the required data points (one row per asset) and/or edit the file as xlsx. **NGED competitions have additional asset data provided: Asset Scale, Metering Point and Import Meter ID**
3. If your company qualification is approved and assets are within the capacity limits, the assets will be qualified for competition.
4. Please **do not** upload any planned assets intended to participate in NGED competitions. These should be uploaded in the 'Planned Assets' tab in the asset upload template, as these will not be qualified for competition.

## Bidding

For NGED competitions the following bidding rules must be followed. Please be aware these rules will not be validated within Pico, so please ensure they have been adhered to before finalising your bids.

| Product  | Asset specific bidding                        | Capacity                                   |
|--|---|--|
| Dynamic  | Not allowed, must bid with all assets in area | One value across whole competition         |
| Secure   | Not allowed, must bid with all assets in area | One value across whole competition         |
| Operational Utilisation & Scheduled Availability (SAOU_DA) | Not allowed, must bid with all assets in area | Different value allowed each service month |
| Operational Utilisation (OU_15)                            | Not allowed, must bid with all assets in area | Different value allowed each service month |
| Scheduled Utilisation (Settlement periods) (SU_SEP)        | Not allowed, must bid with all assets in area | Different value allowed each service month |
| Scheduled Utilisation (Specific periods) (SU_SPP)          | Not allowed, must bid with all assets in area | One value across whole competition         |

**IMPORTANT:** Pico will not send your bids to NGED for consideration if the bids do not adhere to the rules.

Competition closing time is 12 noon on Pico. This gives time during working hours to submit bids before submitting bids to NGED's midnight deadline.

## Dispatch

### When will I receive dispatch instructions?

A start dispatch instruction email is sent up to 15 minutes before the required start time to allow for asset ramp up.

A corresponding stop dispatch instruction email is sent at the required stop time.

Start and stop dispatch instruction emails include the NGED constraint area name where the service is required. Full details on the capacity required can be found within your contractual obligations file.

Please note that NGED dispatching will be exclusively handled by emails, even if you are currently integrated with our dispatch APIs.

## Settlement

### When do I need to send metering data?

All metering data for a specific delivery month must be uploaded by the 14th calendar day of the following month. This includes half hourly metering data for:

- All half hour periods in which you were dispatched (you may also upload a full day/months worth of metering if it is simpler to do so).
- All unique MPANs dispatched.


### When will invoices be shared?

Invoices will be shared by the 17th of each month for services delivered in the previous month. Please contact customer success if you have any questions or would like to raise a dispute.

For more detailed information on participating in NGED's competitions, please refer to the NGED FAQ.

View our guides [here](#)

## API documentation



docs.picloflex.com

Create a new Flex Asset

Resource to handle Flex Asset creation.

AUTHORIZATIONS: > Bearer

REQUEST BODY SCHEMA: application/json

Flex Asset(s) to be added

One of Single Item

Any of LatLong

provider required

ref required

name required

status required

asset\_category required

POST Create a new Flex Asset

GET Retrieve your Flex Assets

API docs by Redocly

competition visibility

This collection of endpoints gives functionality to Flex Providers (FPs) to gain visibility of Piclo Competitions.

The purpose of these endpoints is to provide an FP with the key information they need in order to submit a Bid, such as; What Competition am I qualified to bid into? How much capacity can I bid with? What are the details of the Competition?

Retrieve your Bidding Opportunities

This resource enables Flex Providers (FPs) to retrieve all Bids and their Flex and Planned Assets. Bidding Opportunities contain Competition the calling FP is qualified to bid into, alongside related to this. Currently, only **open** Competitions are returned.

AUTHORIZATIONS: > Bearer

Responses

> 200

Successful Operation

Find Competition by ID

bid submission

This resource enables Flex Providers (FPs) to handle Bid submission related operations.

Create a Ballot

Create a Ballot to bid into Competition's Service Windows in Piclo.

A Ballot represents the "group" of Bids that a Flex Provider has submitted for a given Competition. You now have two options to create a Ballot – by profile or by window.

To use streamlined bidding by profile, you need to simply create an **Availability Profile** and just supply this alongside Competition (and optionally the relevant Assets for that Ballot) – see example payload. This profile contains all timeframe, pricing and capacity information for a 24h period. When using this method all Windows in that Competition your Bids will be automatically calculated on your profile and submitted for you. If you wish to edit any bids after submitting you will need to manually do so in the method described below.

To use the more manual method and detail out every Service Window and its specific Bid information, all Bids should be submitted together for a Competition, covering all Service Windows you wish to bid into. If you want to re-submit a Bid for one Service Window amongst many for a given Competition, you need to supply all the other Bids for that Competition in the **post** request too. Only the latest submitted Ballot for a Competition will be "active".

All rates corresponding to the Service Window's "parent" Competition Type must be supplied. For example, a Service Window which belongs to an "Availability & Utilisation" Competition type - an **availability** and **utilisation** rate must both be supplied (a **service\_fee** rate should not be supplied).

When submitting a Ballot for a Competition, if no **assets** are explicitly specified, all of the Flex Provider's Flex and Planned Assets that qualify for the specified Competition are included in the Service Window Bids. You can optionally choose to

Request samples

Payload

Content type application/json

Example

Directly specifying bid parameters

Copy Expand all Collapse all

```
{
  "competition_id": "CvmP45e",
  "bids": [
    + { ... }
  ],
  "assets": {
    + "flex": [ ... ],
    + "planned": [ ... ]
  }
}
```

Response samples





# Any questions?

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

Get in touch: [der@piclo.com](mailto:der@piclo.com)

# Next Steps

Yingyi Wang  
Flexibility Commercial Manager

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## Participation Reminder

- Revenue Calculator
- Flexibility Map
- LT requirements on CDP
- Register account with Market Gateway or Piclo
- Register all available assets
- Undertake house keeping; Decommission Assets and Meterable Units
- Contact the team for 1-2-1 session

# Participation checklist



# Useful Links

| Document   | Description  |
|--|--|
| <a href="#">Flex in Five</a>                               | A brief overview of flexibility                                |
| <a href="#">End to End Market Gateway Guide</a>            | A guide through the process of using Market Gateway for trades |
| <a href="#">Participation Diagrams</a>                     | An overview of the steps to participation                      |
| <a href="#">Procurement and Engagement Timetable</a>       | Timetable and dates of our activities                          |
| <a href="#">Guidance for Electricity Distribution FSPs</a> | A complete in-depth guide to flexibility                       |
| <a href="#">DSO Website</a>                                |  |



Electricity  
Distribution

# Continued Engagement

Yingyi Wang  
Flexibility Commercial Manager

nationalgrid ► DSO





# Continued Engagement

1

Mailing List



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

2

Day Ahead



Trial Launch over this winter

3

Focus Group



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

4

[Electricity Futures Virtual Conference](#)



14<sup>th</sup> October  
1pm – 1.50pm - [Introduction to Flex](#)  
2pm – 3pm – [Flex Deep Dive](#)

# Q&A

**Doerte Schneemann**  
Head of Flexibility Markets



# nationalgrid ▶ DSO

**Flexibility Markets Team**

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