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On Track to Trade Workshop

25th September 2024

nationalgrid



Workshop – On Track to Trade - 25th September 2024

Please mute your microphones during the presentation. There will be a series of breakout discussions.

There is time allocated for Q&A following the presentation.

Questions can be submitted via the Q&A function at any time.

This workshop will be recorded.

The slides from today and the recording will be available on our website www.flexiblepower.co.uk

Welcome & about today's workshop

Inform you of key information around our upcoming flexibility opportunities.

Share our approach for flexibility requirement data publication and get your feedback on its effectiveness.

Give detailed information on how to get started with flexibility participation for any new providers.

Agenda

Flexibility Services – Overview

1

- Where we are procuring Flexibility
- Market Value
- Slido Feedback
- Q&A

Flexibility Data

2

- Available Data
- Discussion (Breakout) Sessions
- Slido Feedback

3

Next steps

Procurement Framework – Process and Steps to Eligibility.

4

- Qualification, Contract, Asset Registration, Metering and API
 - Timelines for Participation
 - Discussion (Breakout) Sessions
 - Q&A
-

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Flexibility Services

Helen Sawdon
Flexibility Commercial Manager

nationalgrid



2017 – First BAU flexibility Procurement

Introduction of ceiling prices

Introduced Week Ahead, closer to real time procurement

~100 organisations registered on Market Gateway

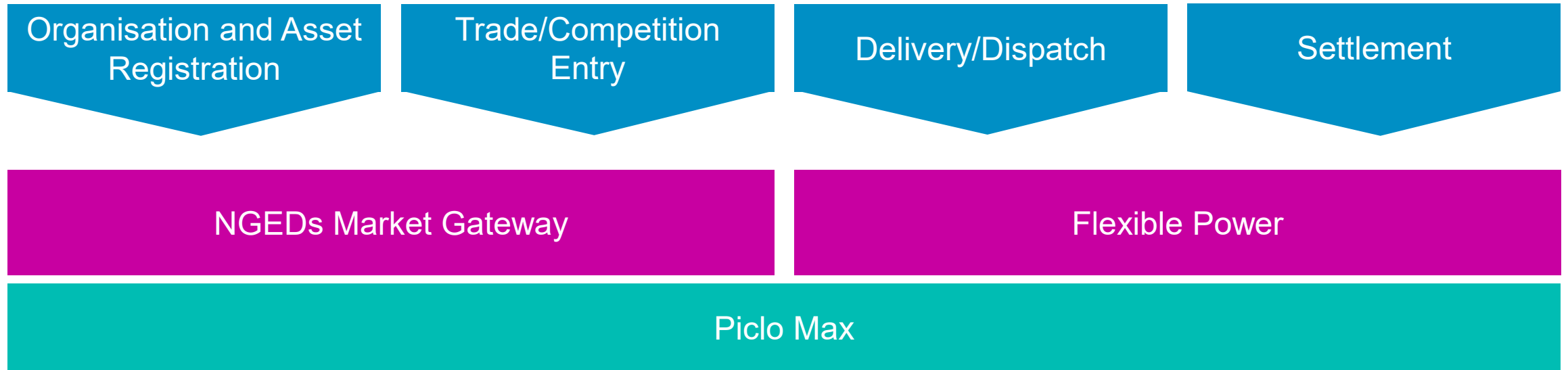
2023 – Launched Market Gateway

In 2023 we cleared 825 Long Term Trades

48 Weeks of Short Term Trading

~85k assets registered in Market Gateway

NGEDs Flex Market tools



Across all our markets we're looking to grow volumes by opening as many routes to market as possible, and earlier this year we established a partnership with Pico. We've built Interfaces between Pico and our Market Gateway and Flexible Power platforms to allow Flex Providers to enter NGED competitions via Pico's Market Platform for full end to end if they so chose.

For more info visit [Pico Flex](#)



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Flexibility Products

All UK DNOs are now procuring flexibility across standardised flexibility products, NGED will be procuring inline with these from Oct 2024.

Legacy Product	Attributes	New Product	Attributes	Dispatch Instruction	Traded in
DYNAMIC	Scheduled Availability, Utilisation instructed in real-time	SAOU_DA Scheduled Availability, Operational Utilisation – Day Ahead	Scheduled Availability, Utilisation instructed day ahead	Day ahead at 13:30, same time every day	Long Term
SECURE	Scheduled Availability, Utilisation instructed in real-time	SU_SEP Scheduled Utilisation - Settlement Periods	Utilisation Only, API instruction optional	Every Thurs 17:00 ahead of delivery week	Short Term – Week Ahead
SUSTAIN	Scheduled Utilisation Only. API instruction optional	SU_SPP Scheduled Utilisation - Specific Periods	Scheduled Utilisation Only, API instruction optional	Every Thurs 17:00 ahead of delivery week	Long Term
RESTORE	Utilisation Only. Utilisation instructed in real-time	OU_15 Operational Utilisation – 15min	Utilisation Only. Utilisation instructed in real-time	15mins ahead of delivery start	Long Term

HV Long Term Trades

- 64 HV locations – 49,239 MWhs, combined 214 MW peak
- We assign ceiling prices for flexibility for all of our Constraint Management Zones (CMZs)
- Our Long Term Trades are procuring 12 month windows
- Potential value to market of £7m

SAOU_DA

(Scheduled Availability, Operational Utilisation – Day Ahead)

We'll use the SAOU product to procure services in the Longer Term to support the network in the event of peak exceedance and specific fault conditions, such as during maintenance work.

It offers a low availability payment and higher utilisation payment.

Earnings Example

£9000/MW/h max ceiling price
£3100/MW/h average

DTU/GTD

Three HV Zones seeking DTU/GTD

2811 hours
Combined 2.3MW Peak

HV Long Term Trades

- We'll be procuring for Operational Utilisation (OU_15) across all of the HV Zones
- Optional Opt-in across three 8 hour periods;
 - 08:00 – 16:00
 - 16:00 – 24:00
 - 24:00 – 08:00

OU_15

(Operational Utilisation – 15 minute notice)

The OU_15 service supports power restoration following rare fault conditions. No availability payment, instead it offers an attractive utilisation payment

Earnings Example

£1200/MW/h Utilisation only

Fixed across all Zones

LV Winter 24/25 Trades

- Procuring through the SU_SPP product across 744 LV locations
- Targeted at Domestic Participation from Nov'25 through to Feb'26
- Delivery window Mon – Fri; AM 8am – 12noon or, PM 4pm – 8pm
- Potential value to market of £1.15m

SU_SPP

(Scheduled Utilisation – Specific Periods)

The SU_SPP service is used to manage peak demand loading on the network and pre-emptively reduce network loading.

Utilisation only with fixed delivery windows

Earnings Example

SU_SPP

£1029/kW/delivery period max ceiling price
£96/kW/delivery period average

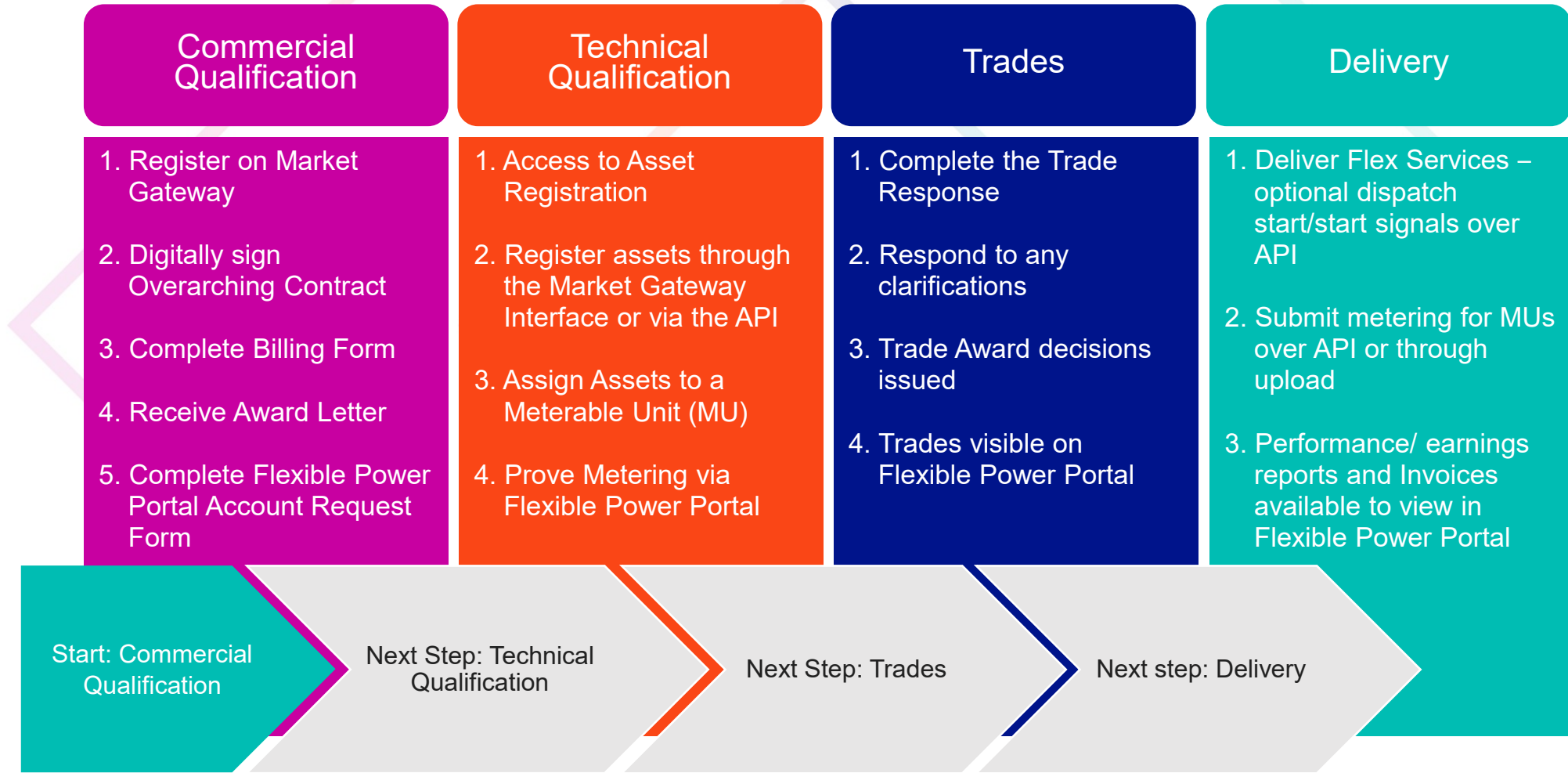
Requirement & Trade Opportunity Data

We publish all our requirement data on National Grid's [Connected Data Portal](#), you can also find the document with the full table and extra context [here](#).

			Low Voltage CMZ's	High Voltage CMZ's	
			Long Term Market	Long Term Market	Short Term Market
Dataset	Description		SU_SPP (Scheduled Utilisation-specific periods)	SAOU_DA (Scheduled Availability, Day Ahead Operational Utilisation) OU_15 (15 minute notice Operational Utilisation)	SU_SEP (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.	Click here		
	HOW MUCH; Ceiling prices	We have set ceiling prices for all Zones, this data set outlines the maximum price of bids we'll accept.	Click here		
	WHEN; Requirement volumes	A forecast of what peak volume we potentially need in each CMZ.	Click here	Click here	
	WHEN; Requirement profiles	A forecast of what volumes we may need in each CMZ per settlement period.		Click here	
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 graphs to support the Long Term Trade Parameter Data.	Click here	Click here	Coming in Oct'24

Please be aware that matching assets to CMZ's with **Postcode Data** may not always be the most accurate method, this is due to the physical configuration of the electricity network, therefore it is advised that the **Polygons Dataset** is more accurate, and can be found [HERE](#)

Market Gateway



Market Gateway – New Contract Acceptance

We implemented the new ENA Standard Agreement earlier this month.

The screenshot shows the National Grid Market Gateway interface. At the top left is the 'nationalgrid' logo. On the top right, it says 'Hello, Luke' with links for 'View Account' and 'Logout', and a 'SPEAK OR TRANSLATE' button. Below this is a blue navigation bar with links for 'Home', 'Commercial Qualification', 'Technical Qualification', 'Trade Opportunities', 'Contact Us', 'Help & Guidance', and 'Glossary'. Underneath is a grey sub-navigation bar with 'Dashboard', 'Commercial Qualification', and 'Document Versions' (which is highlighted). The main content area has the heading 'Document Versions' and 'Major Document Changes', followed by a note: 'These changes must be confirmed to allow responses to Trade Opportunities'.

New Organisations

When registering on MG, only V3 of the Agreement will be available for acceptance.

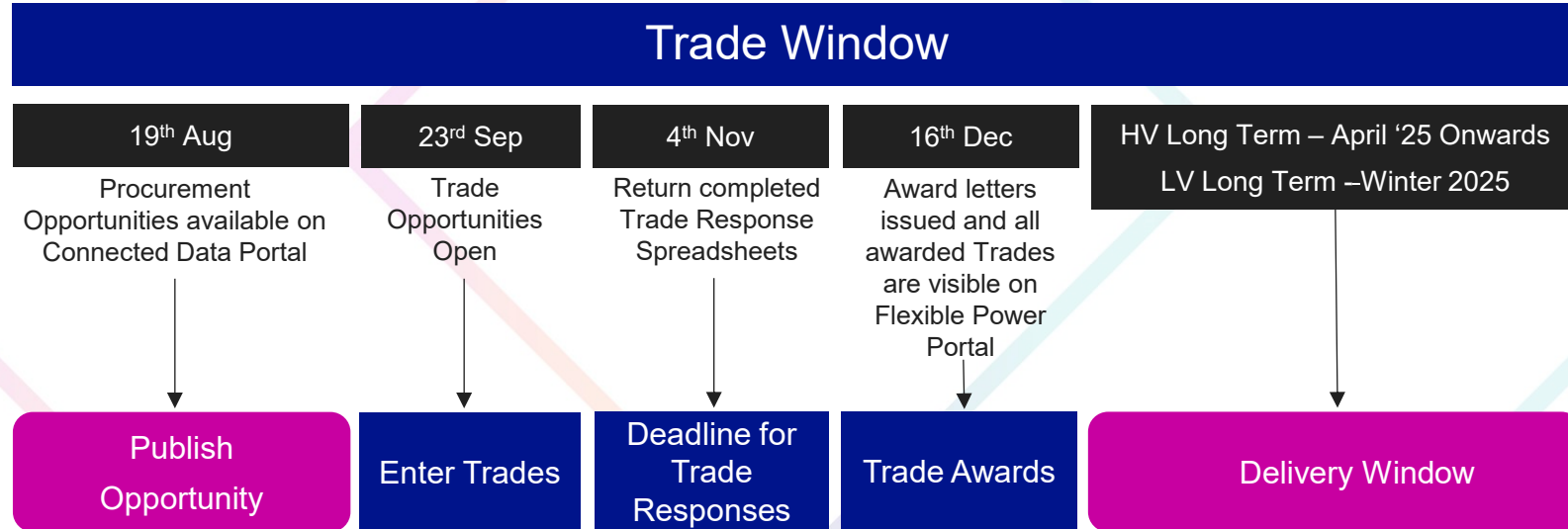
Existing Users

Will be prompted to re-complete the Qualification Tender, which will display V3 and ask them to accept.

All users wishing to enter Long Term and LV Winter Trades after 23rd September must have accepted the new V3 Standard Agreement in order to be eligible.

Key Dates

Low Voltage and High Voltage Long Term Trades Procurement Timeline



Electronic voting

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Flexibility Data

Reuben Leaver

DSO Energy Management Centre Engineer

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Connected Data Portal (CDP)

The CDP holds a number of datasets relating to flexibility and trades:

Flexibility – Trades Data and Results

- Weekly and long term trade results
- Long term trade opportunities (parameters)

Flexibility – Requirements

- Signposting ahead of trade opportunity publication
- Long term forecasts that inform trade opportunities

Flexibility – Archive

- Historic tranche forecasts, ceiling prices and volumes

Flexibility – Reports

- Yearly procurement report
- Yearly dispatch report

Flexibility – Trades Data and Results

Name	Format
LV - Long Term Trade Parameters	CSV
HV - Long Term Trade Parameters	CSV
Long Term Trade Graphs	zip
Trade Results	CSV
Trade Results Summary	CSV
Weekly Trade Results	zip
Weekly Trade Results Summary	CSV
Data Sharing Assessment	pdf

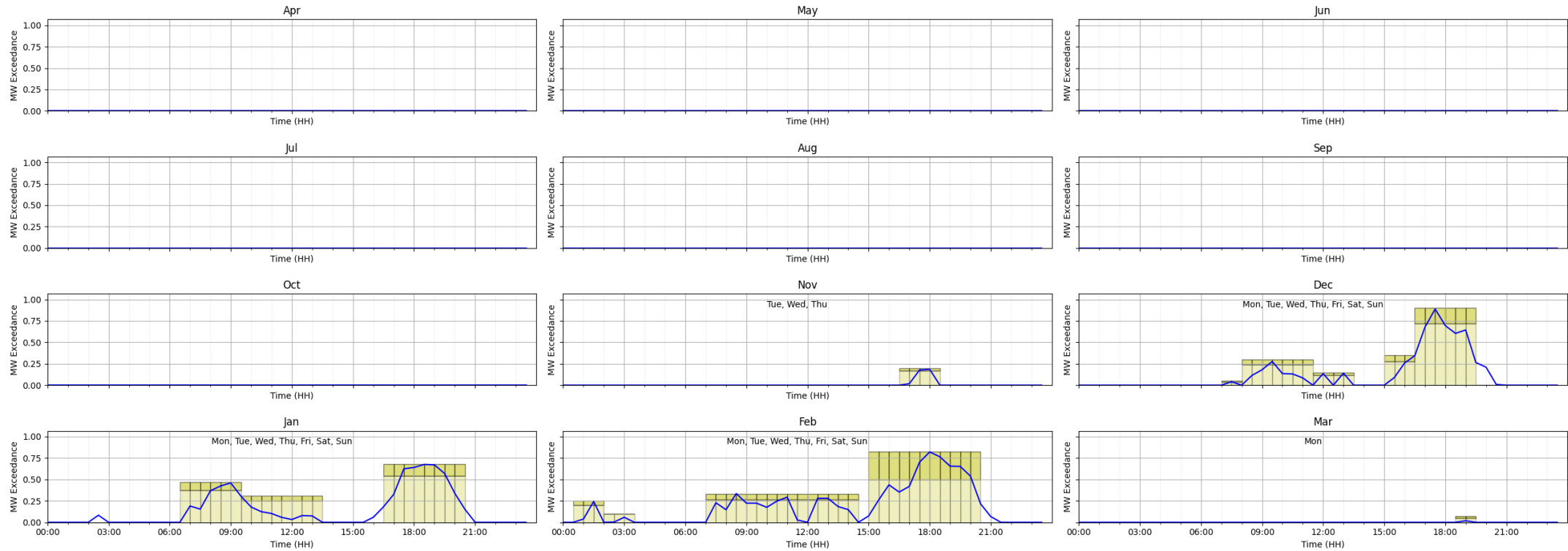
Trade Parameters

CMZ Code	CMZ Na...	Trade O...	Trade O...	Trade Cl...	Licence ...	Flexibility Product	Require...	Maximu...	Availabi...	Utilisati...	Delivery...	Delivery...	Delivery...	Minimu...	Maximu...
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Operational Utilisation - 15min Instruction	Demand ...	33	0	1200	04/11/25...	08:00:00	16:00:00	0	50000
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Operational Utilisation - 15min Instruction	Demand ...	33	0	1200	04/11/25...	16:00:00	00:00:00	0	50000
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Operational Utilisation - 15min Instruction	Demand ...	33	0	1200	05/11/25...	00:00:00	08:00:00	0	50000
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Operational Utilisation - 15min Instruction	Demand ...	33	0	1200	05/11/25...	08:00:00	16:00:00	0	50000
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Operational Utilisation - 15min Instruction	Demand ...	33	0	1200	05/11/25...	16:00:00	00:00:00	0	50000
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Operational Utilisation - 15min Instruction	Demand ...	33	0	1200	06/11/25...	00:00:00	08:00:00	0	50000
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Operational Utilisation - 15min Instruction	Demand ...	33	0	1200	06/11/25...	08:00:00	16:00:00	0	50000
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Operational Utilisation - 15min Instruction	Demand ...	33	0	1200	06/11/25...	16:00:00	00:00:00	0	50000
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Scheduled Availability, Operational Utilisation - Day Ahead Notice	Demand ...	33	48.55	2913.28	03/11/25...	08:30:00	09:00:00	0	800
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Scheduled Availability, Operational Utilisation - Day Ahead Notice	Demand ...	33	48.55	2913.28	03/11/25...	09:00:00	09:30:00	0	800
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Scheduled Availability, Operational Utilisation - Day Ahead Notice	Demand ...	33	48.55	2913.28	03/11/25...	09:30:00	10:00:00	0	800
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Scheduled Availability, Operational Utilisation - Day Ahead Notice	Demand ...	33	48.55	2913.28	03/11/25...	16:00:00	16:30:00	0	6150
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Scheduled Availability, Operational Utilisation - Day Ahead Notice	Demand ...	33	48.55	2913.28	03/11/25...	16:30:00	17:00:00	0	6150
CMZ_T2A_SWE_0002	Exeter City	T9A - 20...	2024-09-...	2024-11-...	South W...	Scheduled Availability, Operational Utilisation - Day Ahead Notice	Demand ...	33	48.55	2913.28	03/11/25...	17:00:00	17:30:00	0	6150

Trade Graphs

CMZ_T7A_WM_0010 - Knighton - 2025 - Scheduled Availability, Operational Utilisation - Day Ahead

FAT MW Profile



Trade Results

CMZ Code	Flexibilit...	Trade O...	Trade W...	Delivery...	Delivery...	Service ...	Delivery...	Delivery...	Tendere...	Tendere...	Tendere...	Tendere...	Trade O...	Trade CI...	Compan...	Offered ...	Offered ...	Offered ...	Offered ...	Trade O...	Accepte...
CMZ_LV...	Sustain	Winter 2...	"2024/20...	2024-11-...	2025-02-...	Monday,...	16:00:00	20:00:00	135	0	0	22.48	2024-01-...	2024-02-...	OVO En...	1.9498	0	0	22.48	Accepted	1.9498
CMZ_LV...	Sustain	Winter 2...	"2024/20...	2024-11-...	2025-02-...	Monday,...	16:00:00	20:00:00	12	0	0	112.69	2024-01-...	2024-02-...	Octopus ...	1.37000...	0	0	112.69	Accepted	1.37000...
CMZ_LV...	Sustain	Dec 202...	"Dec 20...	2023-12-...	2024-03-...	Monday,...	16:00:00	20:00:00	66	0	0	34.32	2023-10-...	2023-11-...	Octopus ...	1.37	0	0	34.32	Accepted	1.37
CMZ_LV...	Sustain	Winter 2...	"2024/20...	2024-11-...	2025-02-...	Monday,...	16:00:00	20:00:00	82.5	0	0	36.79	2024-01-...	2024-02-...	Octopus ...	1.37000...	0	0	36.79	Accepted	1.37000...
CMZ_LV...	Sustain	Winter 2...	"2024/20...	2024-11-...	2025-02-...	Monday,...	16:00:00	20:00:00	9	0	0	23.85	2024-01-...	2024-02-...	Octopus ...	4.20999...	0	0	23.85	Accepted	4.20999...
CMZ_LV...	Sustain	Dec 202...	"Dec 20...	2023-12-...	2024-03-...	Monday,...	16:00:00	20:00:00	166.5	0	0	17.01	2023-10-...	2023-11-...	Octopus ...	1.37	0	0	17.01	Accepted	1.37
CMZ_LV...	Sustain	Winter 2...	"2024/20...	2024-11-...	2025-02-...	Monday,...	16:00:00	20:00:00	163.5	0	0	18.56	2024-01-...	2024-02-...	Octopus ...	1.37000...	0	0	18.56	Accepted	1.37000...
CMZ_LV...	Sustain	Dec 202...	"Dec 20...	2023-12-...	2024-03-...	Monday,...	16:00:00	20:00:00	31.5	0	0	25.43	2023-10-...	2023-11-...	Axle Ene...	2.73871...	0	0	24.16	Accepted	2.73871...
CMZ_LV...	Sustain	Dec 202...	"Dec 20...	2023-12-...	2024-03-...	Monday,...	16:00:00	20:00:00	31.5	0	0	25.43	2023-10-...	2023-11-...	Octopus ...	1.37	0	0	25.43	Accepted	1.37

Flexibility – Requirements

Name	Format
HOW MUCH and WHEN LV Zones	CSV
HOW MUCH HV Zones	CSV
WHEN HV Zones	CSV
WHEN HV Zones MW Profiles	CSV
Flexibility Database and Queries	zip
OVERVIEW All Zones	CSV
WHERE All Polygons	gpkg
WHERE All Postcodes	CSV
Data Sharing Assessment	pdf

Flexibility – Archive

Name	Format
Flexibility Requirements Tranche 7A	zip
Flexibility Requirements Tranche 6B	zip
Flexibility Requirements Tranche 5B	zip
Flexibility Requirements Tranche 6A	zip
Flexibility Requirements Tranche 7B	zip
Data Sharing Assessment	pdf
Flexibility Requirements Tranche 8A	zip

Flexibility – Reports

Name	Format
Procurement Report	csv
Dispatch Report	csv
Data Sharing Assessment	pdf
Network Flexibility Map	

Flexibility Map

nationalgrid Flexibility Map

Filter by: [Help me](#) Hide

Information mode
Live Procurement Signposting

WPD area
All licence areas selected... ▼

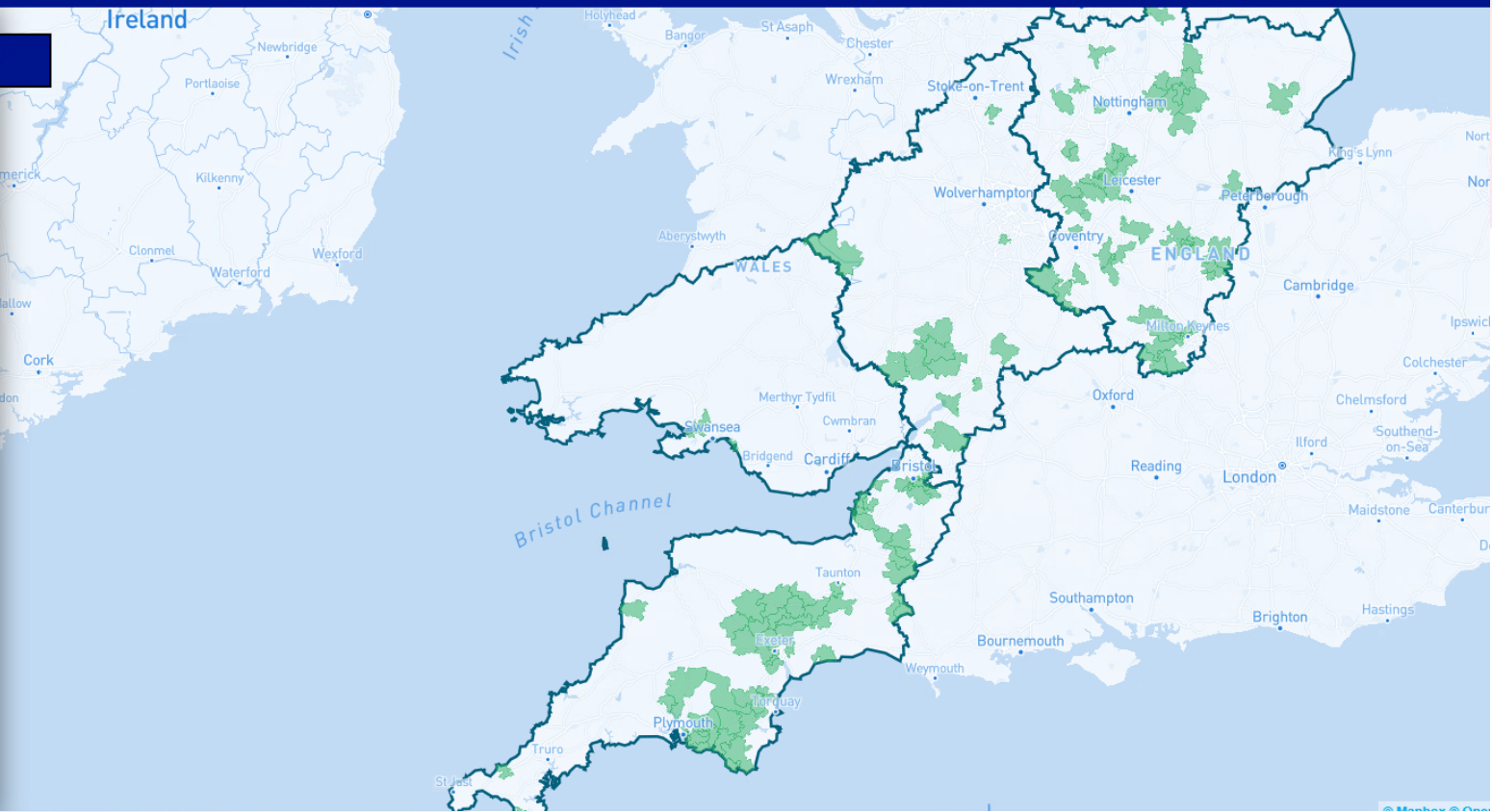
Flexibility status
Open, Coming soon, Closed ▼

Year
2024 ▼

Scenario
Best View ▼

Search
Postcode / place name
Search... 🔍

Reset map



Electronic voting

How do you primarily currently consume our data:

- From the Connected Data Portal?
- From the Flexibility Map?
- We don't yet consume data

How do you currently interact with our data on the Connected Data Portal?

- Via API
- Via web user interface

How do you currently process our data?

- Automated processing
- Human/manual processing
- Both?

Future Datasets

To simplify our available data we are planning on launching a number of new datasets to the CDP:

- Weekly dispatch data (FY24/25 Q3)
- Short term trade parameters (Oct 24)
- Operational (short term) forecasts of likely flexibility need (FY24/25 Q4)
- Data available in human and machine-readable formats (FY25/26 Q1)



Discussion

DISCUSSION



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Next Steps

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Further help & guidance is available

nationalgrid Market Gateway

- [Market Gateway](#)
- [User Guide](#)
- [FAQ's](#)

Flexible Power Portal

- [Flexible Power Portal](#)
- [Flexible Power Portal API documentation](#)
- [FAQ's](#)

Connected Data Portal

- [Flexibility – Requirements](#)
- [Trades Data and Results](#)

Flexible Power Website

- [Guidance document](#)
- [Flex procurement End to End Process Map](#)
- [Procurement and Engagement timetable](#)
- [Tools and Documents](#)

Future Opportunities

SU_SEP

Scheduled Utilisation - Settlement
Periods (Week Ahead)

Our SU_SEP service is procured in
our Short Term Market.

It is used to manage peak demand
loading on the network and pre-
emptively reduce network loading.

It offers a utilisation only payment.

Short Term HV

We facilitate Short Term Trades every week through the Flexible Power
Portal - please contact us to initiate in this market.

We open weekly trades in line with published HV requirements.

From Nov, we will migrate all Short Term Trades to the new Products. We
also plan to include some T9A Zones that have needs this Winter.

A new clear Short Term Data set available from October.

Our Weekly Trading timeline is in our
[Procurement and Engagement timetable](#)

Continued Engagement

Keeping you up to date and informed on developments and opportunities

Local Authority Workshop
2nd October 10am -12.30pm

Delivering DSO Value Workshop
24th October 10am – 12.30pm

Request a Flex Surgery Appointment;
nged.flexiblepower@nationalgrid.co.uk

Join our [mailing list](#)





Re-joining at 11:25

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Optional Section Procurement Framework

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Market Gateway - Commercial Qualification

Entry through Market Gateway

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

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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

Commercial Qualification Home

For its electricity distribution flexibility programme, National Grid award qualifying Flexibility Service Providers with an Overarching Contract, enabling further participation in flexibility Trades.

Please complete the steps the required commercial qualification steps, starting with the PIN response.

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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Commercial Qualifications



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



- ✓ 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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Commercial Qualifications



→ 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

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Dashboard Assets Meterable Units

Create a New Asset

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

Latest Updates

Assets

Search:

Filter:

Asset ID	Name	Version	MPAN / MSID	CMZ	Last Up
----------	------	---------	-------------	-----	---------

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Home Commercial Qualification Technical Qualification Contact Us Help & Guidance Glossary

Hello, User | Logout
[View Account](#)

Manage your account

Edit Details **API Credentials** Change Password Logout

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

Dashboard

Assets

Meterable Units

Search:

Create a New Meterable Unit Request

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	View / Edit
39	Hydro Power Site 1	1	1156876532010	cmz_3	Wed, 10 May 2023	Approved	View / Edit
43	EV Fast Charger 4	1	1102013989875	cmz_3	Wed, 10 May 2023	Approved	View / Edit
47	PV Site 1	1	1125632478964	cmz_3	Wed, 10 May 2023	Approved	View / Edit
51	Domestic House 3	1	1111225569870	cmz_3	Wed, 10 May 2023	Approved	View / Edit
55	Domestic House 7	1	1125489863000	cmz_3	Wed, 10 May 2023	Approved	View / Edit

Market Gateway - Asset Registration

We use the Flexible Power Portal (FPP) for the operation of awarded Trades.

Only MUs with detectable metering to the FPP will be eligible to Trade.

Metering can be submitted through API or via upload

[Guidance on API build is available on the FPP.](#)

The screenshot shows a web browser displaying the Flexible Power Participant API documentation. The page title is "Flexible Power Participant API" with a version indicator "1.2 OAS3". The URL is "https://flexiblepowerportal.co.uk/docs/public/participant.html". The page content is organized into sections:

- Dispatch Signals from Flexible Power to Participant**: Contains two PUT endpoints:
 - PUT {participant_base_url}/dispatch/start: Flexible Power platform sends dispatch start signals to this endpoint.
 - PUT {participant_base_url}/dispatch/stop: Flexible Power platform sends dispatch stop signals to this endpoint.
- Data from Participant to Flexible Power**: Contains three PUT endpoints:
 - PUT /v1/participant/readings: Participants submit minute-by-minute power meter readings in kW using this endpoint.
 - PUT /v1/participant/readings/energy: Participants submit minute-by-minute or half-hourly energy meter readings in kWh using this endpoint.
 - PUT /v1/participant/stop: Participant notification of emergency stop.
- Flexible Power Data**: Contains one GET endpoint:
 - GET /v1/participant/invoices/zone/{zoneId}/year/{yearStr}/month/{monthStr}: Retrieve the data of a single invoice.
- Schemas**: Contains two expandable sections:
 - DispatchIdentifier >
 - Programme >



Trade Entry Through Spreadsheets

Trade Responses

We are still developing Trade functionality on the Market Gateway, until that is complete we will facilitate Trading through Excel

Partial manual process to accommodate Trades and Trade Awards

- Pre-populated with your MU data from Market Gateway.
- Emailed to MG Users post MU creation.
- A spreadsheet to complete for each HV Zone.
- A combined spreadsheet to complete for all Sustain Zones.

Trade Responses

We are still developing Trade functionality on the Market Gateway, until that is complete we will facilitate Trading through Excel

Partial manual process to accommodate Trades and Trade Awards

- Pre-populated with your MU data from Market Gateway.
- Emailed to MG Users post MU creation.
- A spreadsheet to complete for each HV Zone.
- A combined spreadsheet to complete for all Sustain Zones.

	A	B	C	D
3	Trade Opportunity Name	T9A - 2028/29 - Scheduled Availability Operational Utilisation Day Ahead Notice - Feeder Road BSP		
4	Trade Opening Date	23/09/2024		
5	Trade Closing Date	04/11/2024		
6	Trade Start Date	01/11/2028		
7	Trade End Date	30/11/2028		
8	Product	Scheduled Availability, Operational Utilisation - Day Ahead Notice		
9	Required Service	Demand Turn Down/Generation Turn Up		
10	Availability Ceiling Price	£5.04		
11	Utilisation Ceiling Price	£302.51		
12	Availability / Utilisation Price Ratio	0.0167		
13	Service Delivery Units	kW		
14	CMZ Code	CMZ_T7A_SWE_0030		
15				
16				
17	Meterable Unit	Include in Trade?	Minimum Offered Availability Price (£/MWh)	Minimum Offered Utilisation Price (£/MWh)
18	3iw2q07MU4gjjQWcvCyyWB	Y	0.00	0.00
19				

Trade Responses

We are still developing Trade functionality on the Market Gateway, until that is complete we will facilitate Trading through Excel

Partial manual process to accommodate Trades and Trade Awards

- Pre-populated with your MU data from Market Gateway.
- Emailed to MG Users post MU creation.
- A spreadsheet to complete for each HV Zone.
- A combined spreadsheet to complete for all LV Zones.

	A	B	C	D
3	Trade Opportunity Name	T9A - 2028/29 - Scheduled Availability Operational Utilisation Day Ahead Notice - Feeder Road BSP		
4	Trade Opening Date	23/09/2024		
5	Trade Closing Date	04/11/2024		
6	Trade Start Date	01/11/2028		
7	Trade End Date	30/11/2028		
8	Product	Scheduled Availability, Operational Utilisation - Day Ahead Notice		
9	Required Service	Demand Turn Down/Generation Turn Up		
10	Availability Ceiling Price	£5.04		
11	Utilisation Ceiling Price	£302.51		
12	Availability / Utilisation Price Ratio	0.0167		
13	Service Delivery Units	kW		
14	CMZ Code	CMZ_T7A_SWE_0030		
15				
16				
17	Meterable Unit	Include in Trade?	Minimum Offered Availability Price (£/MWh)	Minimum Offered Utilisation Price (£/MWh)
18	3iw2q07MU4gjjQWcvCyyWB	Y	0.00	0.00
19				

	A	B	C	D	E	F	G	H	I	J	K	L
2	Window Start Date	2028-11-01										
3	Window End Date	2028-11-30										
4	Monthly Maximum Volume Sought	1200										
5												
6	Meterable Unit	Max Qualified Capacity (kW)	Baseline (kW)	Offered Capacity (kW)	Max Daily Run Time (mins)							
7	3iw2q07MU4gjjQWcvCyyWB	0.01	-2.06									
8												
9	Start Time	End Time	Meterable Unit	Minimum Volume Sought	Maximum Volume Sought	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
10	16:30	17:00	3iw2q07MU4gjjQWcvCyyWB	960	1200		Y		Y			
11	17:00	17:30	3iw2q07MU4gjjQWcvCyyWB	960	1200		Y		Y			
12	17:30	18:00	3iw2q07MU4gjjQWcvCyyWB	960	1200		Y		Y			
13												
14												

Trade Responses

We are still developing Trade functionality on the Market Gateway, until that is complete we will facilitate Trading through Excel

Trade Opportunity														Trade Response			Related Parameters
Trade Opportunity Name	CMZ Code	Trade Opening Date	Trade Closing Date	Trade Start Date	Trade End Date	Product	Relevant Days of week	PM Delivery Period Start Time	PM Delivery Period End Time	Minimum Required Volume	Maximum Required Volume	Service Delivery Units	Ceiling Price per Delivery Period	Minimum Offered Price	Available in PM Delivery Period?	Offered Capacity	Maximum Qualified Capacity
Dec 2023 - Feb 2024 - Sustain - 894272 Toadmoor Kiosk,Ambergate	CMZ_LV_T7A_EM_894272	30/10/2023	19/11/2023	04/12/2023	01/03/2024	Sustain	Mon, Tue, Wed, Thu, Fri	16:00	20:00	236.0	354.0	kW	£6.40				3.0
Dec 2023 - Feb 2024 - Sustain - 925049 Raunds Hill Street	CMZ_LV_T7A_EM_925049	30/10/2023	19/11/2023	04/12/2023	01/03/2024	Sustain	Mon, Tue, Wed, Thu, Fri	16:00	20:00	27.0	40.5	kW	£55.94				3.0
Dec 2023 - Feb 2024 - Sustain - 925244 Hove Rd.	CMZ_LV_T7A_EM_925244	30/10/2023	19/11/2023	04/12/2023	01/03/2024	Sustain	Mon, Tue, Wed, Thu, Fri	16:00	20:00	21.0	31.5	kW	£71.92				3.0
Dec 2023 - Feb 2024 - Sustain - 933677 Patterdale	CMZ_LV_T7A_EM_933677	30/10/2023	19/11/2023	04/12/2023	01/03/2024	Sustain	Mon, Tue, Wed, Thu, Fri	16:00	20:00	340.0	510.0	kW	£5.55				3.0
Dec 2023 - Feb 2024 - Sustain - 941064 Glebe Estate Brackley	CMZ_LV_T7A_EM_941064	30/10/2023	19/11/2023	04/12/2023	01/03/2024	Sustain	Mon, Tue, Wed, Thu, Fri	16:00	20:00	74.0	111.0	kW	£20.41				3.0
Dec 2023 - Feb 2024 - Sustain - 552257 Spring Bank Abertillery	CMZ_LV_T7A_SWA_552257	30/10/2023	19/11/2023	04/12/2023	01/03/2024	Sustain	Mon, Tue, Wed, Thu, Fri	16:00	20:00	26.0	39.0	kW	£72.61				3.0
Dec 2023 - Feb 2024 - Sustain - 731073 81 High Street - Albrighton	CMZ_LV_T7A_WM_731073	30/10/2023	19/11/2023	04/12/2023	01/03/2024	Sustain	Mon, Tue, Wed, Thu, Fri	16:00	20:00	15.0	22.5	kW	£100.68				3.0

- A combined spreadsheet to complete for all LV Zones.

Trade Awards

Our Trade Window is open for six weeks, from 23rd September

We will communicate successful Trades six weeks post Trade Response Deadline

Trades Awards will include;

- The awarded MUs
- The awarded prices
- The awarded Availability/Utilisation windows

Award data is linked automatically to the operational Portal for dispatch and settlement



Delivery

Operation post award – Dispatch & Settlement

Following the Award of an Overarching Contract, we provide all participants with access to our operational Portal, Flexible Power. The Portal facilitates;

Trade Windows

- Trade Award windows populated ahead of delivery

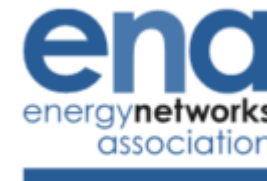
Operation

- Receive stop/start signals
- Submit event metering through API or upload

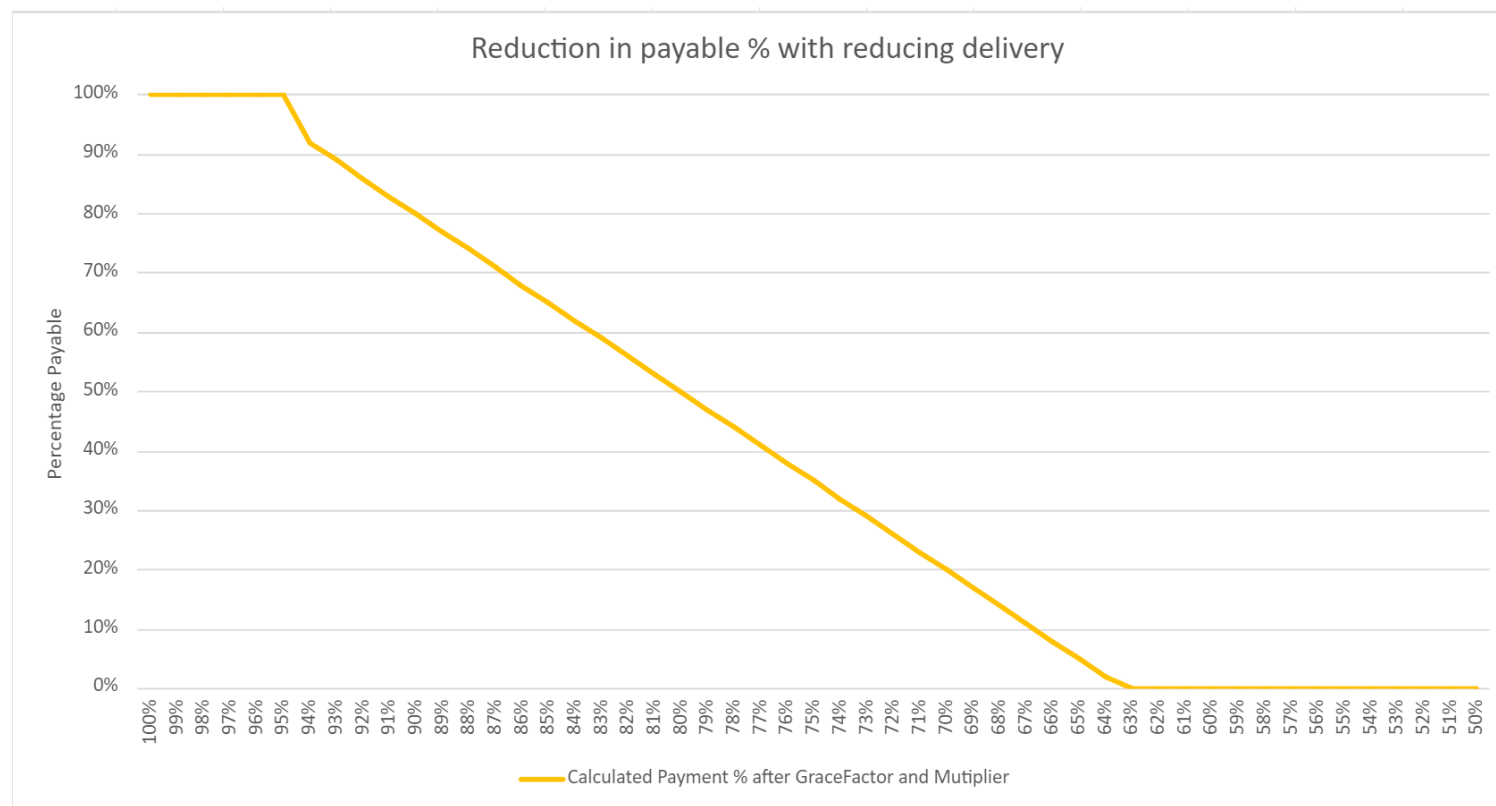
Settlement

- View performance and earning statements
- View and approve monthly invoices

Settlement Mechanics



Product	Availability Grace Factor	Utilisation Grace Factor	Performance Multiplier
SAOU_DA Scheduled Availability, Operational Utilisation – Day Ahead	5%	5%	3
SU_SEP Scheduled Utilisation - Settlement Periods	n/a	5%	3
SU_SPP Scheduled Utilisation - Specific Periods	n/a	5%	3
OU_15 Operational Utilisation – 15min	n/a	10%	2



Flexibility Products

All UK DNOs are now procuring flexibility across standardised flexibility products, NGED will be procuring inline with these from Oct 2024.

Legacy Product	Attributes	New Product	Attributes	Dispatch Instruction
DYNAMIC	Scheduled Availability, Utilisation instructed in real-time	SAOU_DA Scheduled Availability, Operational Utilisation – Day Ahead	Scheduled Availability, Utilisation instructed day ahead	Day ahead at 13:30, same time every day
SECURE	Scheduled Availability, Utilisation instructed in real-time	SU_SEP Scheduled Utilisation - Settlement Periods	Utilisation Only, API instruction optional	Every Thurs 17:00 ahead of delivery week
SUSTAIN	Scheduled Utilisation Only. API instruction optional	SU_SPP Scheduled Utilisation - Specific Periods	Scheduled Utilisation Only, API instruction optional	Every Thurs 17:00 ahead of delivery week
RESTORE	Utilisation Only. Utilisation instructed in real-time	OU_15 Operational Utilisation – 15min	Utilisation Only. Utilisation instructed in real-time	15mins ahead of delivery start



Discussion

▶ DSO

Q&A

nationalgrid



Thank You

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