

Market Gateway User Guide

Version 1.1 / Date of Issue 24/05/2023



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1.0 Document Purpose

1.1 Preamble

The purpose of this document is to guide an appropriate user through the process of account setup, Commercial Qualification, Asset Registration and creation of Meterable Units facilitated through National Grids Distribution flexibility online portal, Market Gateway.

The Market Gateway can be accessed here; <https://marketgateway.nationalgrid.co.uk/>

1.2 Appropriate Users

Only one user account per organisation will be granted. It is recommended that this user should have **suitable authority on behalf of their company** to allow them to agree to the Terms and Conditions presented for agreement through the Commercial Qualification process.

1.3 General Notes to User

Any progress made in the application progress will be stored upon exiting the page. Upon return, the user can pick up where they left off.

1.4 Further Guidance and Contact

If you experience any issues not covered in this guide, visit the help and guidance page; [Help & Guidance \(nationalgrid.co.uk\)](https://nationalgrid.co.uk/help-and-guidance). A glossary of terms is also provided here; [Glossary \(nationalgrid.co.uk\)](https://nationalgrid.co.uk/glossary).

Otherwise, the Flexible Power team can be contacted with the details below.

Contact us:

nged.flexiblepower@nationalgrid.co.uk

01322 827436

2.0 Account Creation

Upon first visiting the procurement hub, you will be required to create an account. This requires both the details of the user and the organisation details.

The company registration number may also be a charity registration number. Take care to ensure this is correct as it cannot be changed in the future.

Once this form has been completed, the procurement hub team will approve the form and send an email so a password can be set for your account. The password should be alphanumerical and contain special characters.

Request an account

User details

First Name*	<input type="text"/>
Last Name*	<input type="text"/>
Job Title*	<input type="text"/>
Email Address*	<input type="text"/>
Email Address Confirmation*	<input type="text"/>
Office Telephone	<input type="text"/>
Mobile Telephone	<input type="text"/>

Organisation details

Company Name*	<input type="text"/>
Company Registration No.*	<input type="text"/>
Address Line 1*	<input type="text"/>
Address Line 2	<input type="text"/>
Address Line 3	<input type="text"/>
Address Line 4	<input type="text"/>
City/Town*	<input type="text"/>
Postcode*	<input type="text"/>
By clicking Register you confirm your acceptance of our Terms and Cond	

Register

nationalgrid

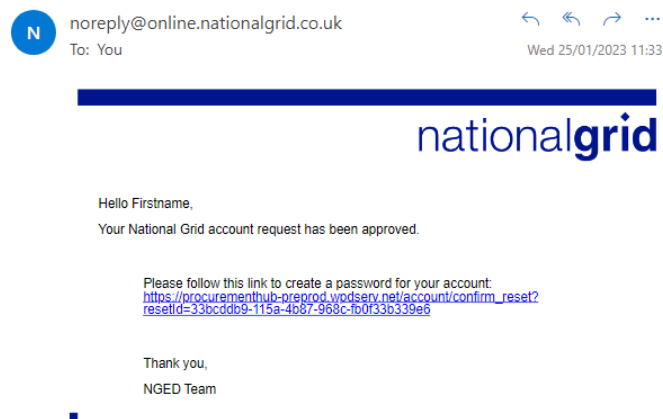
[Home](#) [Commercial Qualification](#) [Contact Us](#) [Glossary](#)

Registration successful

Your account request will now be assessed, you will be notified within 48hrs of the outcome.

Post approval you will be able to complete the pre-qualification requirements.

Continue to Home



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Set new password

Email Address*	<input type="text"/>
Password*	<input type="password"/>
Great, that's a brilliant password!	
To break this password would take... centuries	
Why not try... including special characters More password tips	
Confirm Password*	<input type="password"/>
Set New Password	

3.0 Commercial Qualification

3.1 Getting Started

Once your account has been set up, you can proceed to Commercial Qualification. After logging in to your account you will be presented with this screen.

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Home Commercial Qualification Contact Us Glossary

Commercial Qualifications

PIN Response PQQ Qualification tender Contract

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

Carefully read all the information provided and click “Commence” when ready to proceed.

3.2 PIN Response

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Commercial Qualifications

PIN Response PQQ Qualification tender Contract

Step 1 of 2: Confirm company account information

Please check your company account information and confirm that the details are correct.

Please note that your company registration number cannot be updated. If the registration number is not correct, you will need to start again with a new account request.

Company Name*

Test

Company Registration No.*

1111

Address Line 1*

1 Test

Address Line 2

Address Line 3

Address Line 4

City/Town*

Test

Postcode*

AA11 1AA

Step 2 of 2: Declaration to Respond to PIN

Declaration to Respond to PIN

Responding to the PIN initiates the registration of Flexibility Service Providers onto National Grid's Dynamic Purchasing System (DPS).

Flexibility Service Providers that respond to the PIN acknowledge that in order to complete DPS registration further pre-qualification criteria will need to be met via the PQQ step within the Market Gateway.

Registration to the PIN does not commit either party to flexibility service provision.

National Grid's Annual Periodic Indicative Notice is published on the UK governments My Tenders site and can be viewed here.

Close

The company account information page will appear throughout the process. This information will be pre-populated with the information given during account setup. Each time it appears, ensure the information is correct before continuing.

You will not be able to edit your company registration number, if this is incorrect or change in the future, a new account should be created. Please contact National Grid as per section 1.4 to arrange.

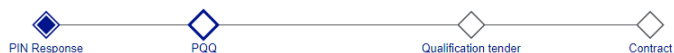
When you are happy that all information is correct, proceed to click “Declaration to Response to PIN”, a prompt will appear that must be read and acknowledged. This action is irreversible so ensure it is fully understood before agreeing.

3.3 Pre-Qualification Questionnaire (PQQ)

National Grid has a duty to ensure all flexibility providers are qualified to be called upon when required. The PQQ gives National Grid the information to ensure that your company can fit the role appropriately.

There are three steps to this process, the first is another confirmation of company information. The second and third involve the confirmation of eligibility and agreement with the Utilities Contract Regulations (UCR) statements that relate to criteria that your company must meet as a flexibility provider. Please be aware you are agreeing to these statements on behalf of your company and all actions are irreversible so ensure it is fully understood before agreeing.

Commercial Qualifications



Step 2 of 3: Confirmation Statement (Eligibility)

National Grid's purchasing practices adhere to the Utilities Contract Regulations (UCR) 2016. As such, only parties that are able to confirm their compliance with the following statements will be eligible for an Overarching Contract.

By agreeing to this statement, you confirm that your company understands the Minimum Requirements needed for participation in NGED's flexibility opportunities.

Market Gateway PQQ Confirmation

The following three initial criteria must be met in order to participate in National Grid's distribution flexibility services.

1. Commitment to build an Application Programme Interface (API) with the Flexible Power Portal to enable the communication of dispatch signals, more information on required Flexibility Service Provider API build can be found here.
2. Ability to provide relevant metering data over API
3. Asset ability to respond to a dispatch signal within 15mins and hold a response for minimum of 30mins.

I agree to this statement **Close**

When completing the UCR Statements, all four must be agreed before you can continue.

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Commercial Qualifications

```

graph LR
    A[PIN Response] --- B[PQQ]
    B --- C[Qualification tender]
    C --- D[Contract]
    style B fill:#0056b3,color:#fff
    style A fill:#fff,color:#0056b3
    style C fill:#fff,color:#0056b3
    style D fill:#fff,color:#0056b3
  
```

Step 3 of 3: Complete UCR Statements

There are four UCR statements to complete.

- UCR statement 01
- UCR statement 02
- UCR statement 03
- UCR statement 04

By agreeing to this document, you confirm acceptance and adherence to it on behalf of your organisation.

Confirmation of accuracy

✓ Thank you for confirming

Continue

- ✓ Introduction
- ✓ Step 1 of 3: Confirm company account information
- ✓ Step 2 of 3: Confirmation Statement (Eligibility)
- ✓ Step 2 of 3: Confirmation Statement (Eligibility)
- Step 3 of 3: Complete UCR Statements
- ✓ Thank you

3.4 Qualification Tender

Completing the Qualification Tender declaration will allow your company to tender for an Overarching Contract. This is a necessary step to enable your eligibility to enter Trades. If necessary, these terms and conditions can be downloaded and viewed offline for the purposes of any internal reviews needed to enable agreement.

There are five steps to the Qualification Tender process. The first is confirmation of company information. The following two are a total of six Terms and Conditions sections which should be reviewed and confirmed. The penultimate step is a self-billing agreement and the final step is a supplier details form which should be

downloaded, completed and submitted digitally to the NGED DSO team at nged.flexiblepower@nationalgrid.co.uk .

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Qualification tender

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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

As a member of National Grid's Dynamic Purchasing System (DPS) you are now eligible to tender for an Overarching Contract.

Parties who are awarded an Overarching Contract are then able to complete the Technical Qualification ahead of entering Trade Opportunities

Complete

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On behalf of Association Agreement [www.nge](#)

Ready to

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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 2 of 5: Complete T&C Clause Groups

There are two T&C Clause Groups to complete.

T&C Clause Groups 01

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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

Step 3 of 5: Complete T&C Schedules

There are four T&C Schedules to complete.

T&C Schedules 01

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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

By agreeing to this

Annexes

Thank you for

By agreeing to

Self B

Continue

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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

Thank you

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

Note, your tender submission for an Overarching Contract will not be actioned by National Grid until they are in receipt of the Supplier Details Form.

Registered Office: Avonbank, Feeder Road, Bristol, BS2 0TB.

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DSO Commercial Team

3.5 Contract Award

Once the qualification tender has been completed, all information can be submitted for review. Following submission the Technical Qualification can commence.

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Thank you

Acknowledgement of Qualification Tender Submission

Contract

✓ 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

→ Thank you

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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.

Completion of Technical Qualification can commence during this standstill period.

Note, on issue of the Overarching Contract Award, a 10 day standstill period will commence. During this time Users are unable to access Trades. The standstill period does not affect a User’s access to Technical Qualification.

Registered Office: Avonbank, Feeder Road, Bristol, BS2 0TB.

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DSO Commercial Team

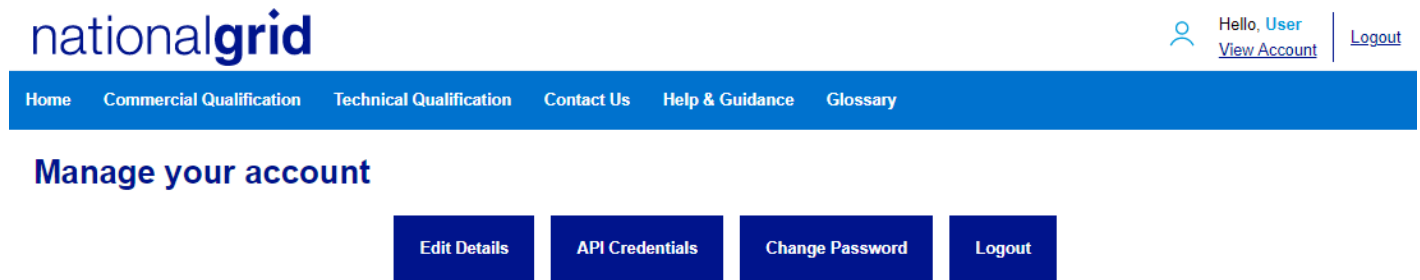
4.0 Asset Registration

4.1 API Options

There is an API option available to any users that would prefer not to register their assets via the Market Gateway User Interface. The APIs available enable user to both create and pull information on Assets and Meterable Units.

User who do not wish to use an API to register Asset and Meterable Unit should proceed to Section 4.2.

To navigate to the API information select “View Account” in the top right of the screen.



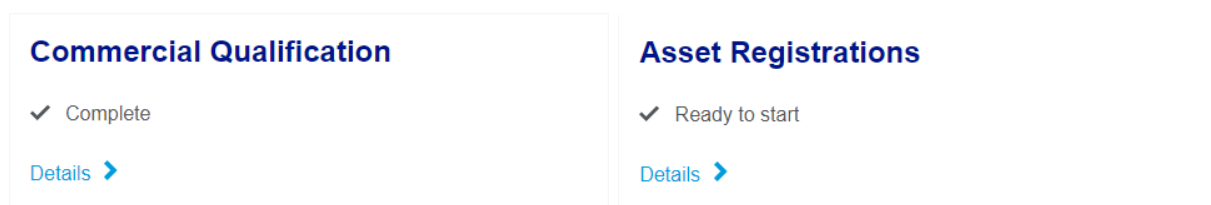
The screenshot shows the National Grid logo in the top left. In the top right, there is a user profile icon, the text "Hello, User", a link to "View Account", and a "Logout" link. Below this is a blue navigation bar with links: Home, Commercial Qualification, Technical Qualification, Contact Us, Help & Guidance, and Glossary. Under the "Commercial Qualification" link, there is a section titled "Manage your account" with four buttons: "Edit Details", "API Credentials", "Change Password", and "Logout".

From here you will be able choose from a list of options, select “API Credentials” where you will be able to download the API documentation.

4.2 Getting Started

Once you have completed all steps within Commercial Qualification, you will be granted access to continue to Asset Registration.

At this stage Commercial Qualification will be marked as complete and a link to begin Asset Registrations will open, click on the “Details” link to begin.

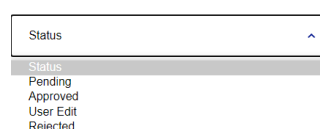


The screenshot shows two side-by-side cards. The left card is titled "Commercial Qualification" and shows a checkmark followed by the text "Complete". Below this is a link "Details" with a right-pointing arrow. The right card is titled "Asset Registrations" and shows a checkmark followed by the text "Ready to start". Below this is a link "Details" with a right-pointing arrow.

4.3 The Dashboard

Upon visiting the Asset Registrations page you will be presented with the dashboard screen, for a first time User, this will be blank as no Assets or Meterable Units have been created yet.

The Dashboard allows you to view your latest created Assets and Meterable Units and see their status. After registering an Asset or creating a Meterable Unit, they can be searched for by name or ID and filtered by CMZ and status.



The screenshot shows a dropdown menu for filtering by status. The dropdown is open, showing the following options: "Status" (the selected option), "Sole", "Pending", "Approved", "User Edit", and "Rejected".

4.4 Creating Assets

Navigate to the Assets tab at the top of the screen, click “Assets” and then click “Create a New Asset”.



Here you will be able to fill in the Asset request form.

Create Asset Request

Energised?*

☐ Yes ☐ No

Asset Name*

Asset Postcode*

Asset Scale*

Identifier (MPAN/MSID)*

☐ MPAN ☐ MSID

Metering Location*

☐ Point of Connection ☐ Asset Level

Asset Types*

☐ Generator & Storage ☐ Demand

Begin by confirming if your Asset is energised, if not, a Create Asset Request cannot be made at this time.

Energised?*

☐ Yes ☒ No

Requests can only be made for energised assets

For energised Assets, continue by entering the Asset Name (your own reference or name for the Asset), Asset Postcode and select the Asset Scale from the drop down box.

Create Asset Request

Energised?*

☒ Yes ☐ No

Asset Name*

Asset Postcode*

Asset Scale*

Please select

Commercial & Industrial

Domestic

4.4.1 Creating a Domestic Asset

For Domestic Assets select “Domestic” from the Asset Scale drop down list.

For Domestic Assets you will only be able to enter an MPAN, as the MSID does not apply here. MPANs are unique to the property where the Asset is sited and are used by NGED to validate the Asset. They are always a 13 digit number that begins with a 2 digit location identifier.

The MPAN (Import) is a mandatory field, all Assets have an import MPAN number.

The MPAN (Export) is optional, generator Assets may have an export MPAN, and as such you should fill in this field as required. For the sake of example, this has been filled in to allow for both Asset Types to be added to the MPAN.

Identifier (MPAN/MSID)*

☒ MPAN ☐ MSID

MPAN (Import)*

1112345678910

MPAN (Export)

1110987654321

The next step is to select the Metering Location, whether it is at the Point of Connection (the main meter within the property) or at the Asset Level (metering exclusive to the asset). In the example below Point of Connection has been selected as this is typical of Domestic scale Assets.

As Point of Connection metering has been selected for this Asset, both Generator & Storage and Demand Asset types can be added to the MPAN. In the case of Asset Level metering only a single Asset from a single Asset type can be added.

Metering Location*

☒ Point of Connection ☐ Asset Level

Asset Types*

☒ Generator & Storage ☒ Demand

Up to two Generator & Storage and three Demand type Sub-Assets can be added to a Point of Connection MPAN. For every Sub-Asset you must provide its capacity. To add additional Sub-Assets select “Add New Sub-Asset”, this will insert a new line where you can fill in the fields to add either a Generator & Storage or Demand Asset.

Metering Location*

☒ Point of Connection ☐ Asset Level

Asset Types*

☒ Generator & Storage ☒ Demand

Energy Conversion Technology	Energy Source	Demand Type	Asset Capacity (KW)	Action
Photovoltaic	Solar		4	

[Add New Sub-Asset](#)

[Back](#) [Reset](#) [Submit](#)

Below is an example of a Domestic Scale Asset with the maximum allowable number of Sub-Assets.

Asset Types*

☒ Generator & Storage ☒ Demand

Energy Conversion Technology	Energy Source	Demand Type	Asset Capacity (kW)	Action
Photovoltaic ^	Solar ^		4	
Battery.Compressed air system ^	Stored Energy (all stored energy irrespective of the original energ^		20	
		EV charge point ^	7	
		Hybrid heat pump ^	6	
		Household demand ^	1	

Back Reset Submit

Where Domestic Assets are metered at the Asset Level, only one Asset Type can be selected and the other option will be greyed out.

Metering Location*

☐ Point of Connection ☒ Asset Level

Asset Types*

☒ Generator & Storage ☐ Demand

Energy Conversion Technology	Energy Source	Asset Capacity (kW)	Action
Onshore wind turbines ^	Wind ^	3	

Back Reset Submit

When you are happy that the information in your Asset request form is correct, click on submit in the bottom right of the page. After creating the Asset a popup will appear, displaying Asset details and informing you that the Asset Request had been submitted. To continue select whether you wish to create another Asset or return to the Dashboard where the Asset will now be listed.

4.4.2 Creating a Commercial & Industrial Asset

Begin by confirming that the Asset is energised and select the “Commercial & Industrial” Asset Scale from the drop down list.

Create Asset Request

Energised?*

☒ Yes ☐ No

Asset Name*

Supermarket 1

Asset Postcode*

DE74 2TU

Asset Scale*

Commercial & Industrial ^

Select the Identifier as appropriate. We would expect all Assets to have an MPAN, although recognise that in some rare cases an Asset may instead have a MSID. MPANs are unique to the property where the Asset is sited and are used by NGED to validate the Asset. They are always a 13 digit number that begins with a 2 digit location identifier.

The MPAN/MSID (Import) is a mandatory field, all Assets have an import MPAN/MSID.

The MPAN/MSID (Export) is optional, generator Assets may have an export MPAN/MSID, and as such you should fill in this field as required.

Identifier (MPAN/MSID)*

☒ MPAN ☐ MSID

MPAN (Import)*

1111223344556

MPAN (Export)

1177889910101

The next step is to select the Metering Location, whether it is at the Point of Connection (the main meter within the property) or at the Asset Level (metering exclusive to the asset). For Asset Level Metering, only one Asset from a single Asset Type can be added to the MPAN/MSID

For Point of Connection Metering, up to two “Generator & Storage” Sub-Assets or up to three “Demand” Sub-Assets can be added to the MPAN.

Below are examples of a Point of Connection Generator and Storage Asset with the maximum number of allowable Sub-Assets and, a Demand Asset Level Metering Asset. .

Metering Location*

☒ Point of Connection ☐ Asset Level

Asset Types*

☒ Generator & Storage ☐ Demand

Energy Conversion Technology	Energy Source	Asset Capacity (kW)	Action
Photovoltaic	Solar	25	
Battery Compressed air system	Stored Energy (all stored energy irrespective of the original energy source)	40	

Back Reset Submit

Asset Types*

☐ Generator & Storage ☒ Demand

Demand Type	Asset Capacity (kW)	Action
EV charge point	7	

Back Reset Submit

When you are happy that the information in your Asset request form is correct, click on submit in the bottom right of the page. After creating the Asset a popup will appear, displaying Asset details and informing you that the Asset Request had been submitted. To continue select whether you wish to create another Asset or return to the Dashboard where the Asset will now be listed.

4.5 Viewing Your Assets

After creating your Assets you can view them on either the “Assets” tab or “Dashboard” tab, the Dashboard will show your Assets and Meterable Units whereas the Assets tab only shows your Assets. To return to the Dashboard click either click “Return to Dashboard” after creating your final Asset or navigate to the Dashboard at the top of the Asset registration page.



Scroll down to find a list of recently added Assets. In this section you are able to search for your Asset by Name or ID and filter by CMZ and by status.


Latest Updates

Assets

Search:

Filter:

CMZ 


CMZ

cmz_1

cmz_2

cmz_3

cmz_4

Status 

Status

Pending

Approved

User Edit

Rejected

Initially your Assets will be Pending approval, once your submitted Assets are validated by NGED (usually within 24-48hrs), after which they will appear as Approved or Rejected. Below is an example showing a number of approved Domestic and Commercial & Industrial Assets.

Along with validating your assets, NGED will match it to the flexibility location (CMZ) it is sited within. Where an asset does not match a flexibility location the field will be blank.

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	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
59	Domestic House 11	1	1152632698790	cmz_3	Wed, 10 May 2023	Approved	View / Edit

4.6 Editing Your Assets

Edits need to be approved by NGED and where edits are made to an asset that is committed within a Trade any edited asset parameters will only become active ahead of a new operational window. See our [Guidance for FSPs document](#) for more information on this.

Assets can be edited from the Dashboard or Assets tab.

Scroll down to your list of Assets and find the Asset you wish to edit by searching and or filtering, then click on the “View/Edit” button for that Asset.

You will then be presented with the Asset History table, to edit your Asset click “Edit”.

[Back](#)

View Asset History

Asset ID: 35

Version	Asset Name	Active Version	Status	Operational	From	To	Action
1	Domestic House 2	Is Active	Approved	No	Mon, 5 Jun 2023	-	Edit

The next page is where the Asset details can be edited, you will be able to change the Asset Name, Metering Location, Asset Capacity and Sub Asset type for any Assets.

[Back](#)

Edit Asset

Asset Name	Domestic House 2		
Metering Location	<input type="radio"/> Point of Connection <input checked="" type="radio"/> Asset Level		
Status	Approved		
Asset Postcode	DE74 2TU		
Asset Scale	Domestic		
MPAN (Import)	1122334455667		
CMZ Code	cmz_3		

Energy Conversion Technology	Energy Source	Asset Capacity (kW)	Action
Onshore wind turbines ^	Wind ^	5	

[Cancel](#)
[Save changes](#)

For Domestic Assets that are metered at the Point of Connection, you will also be able to remove Sub-Assets or add Sub-Assets up to a maximum of three Demand and two Generator & Storage.

Note, Editing an already approved Asset will cause it to enter the “User Edit” status, from here you will have to wait for National Grid to assess your edit where it can be re-approved or rejected.

If you are sure you want to edit your Asset Click on the “Save Changes” button in the bottom left once you are happy. If you do not wish to edit your Asset simply click on “Back” to return to the Dashboard.

After editing an Asset a popup will appear confirming that the updated Asset Request has been submitted.

Returning to the Dashboard, you will see that your Asset’s status has changed to “User Edit”, where it will can be re-approved or rejected by National Grid.

Search:

Search Name or ID

Filter:

CMZ ^

User Edit ^ x

Asset ID	Name	Version	MPAN / MSID	Scale	Type	Metering Location	CMZ	Operational From	Status	Action
35	Domestic House 2	2	1122334455667	Domestic	Generation: ✓ Demand: x	Asset Level	cmz_3		User Edit	View

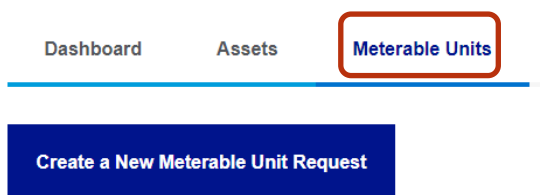
5.0 Meterable Units

5.1 Creating Meterable Units

The next step is to create Meterable Unit(s) to assign your Approved Asset(s) to.

A Meterable Unit is made up of one or more flexibility Assets behind a single metering feed. Assets within a Meterable Unit will be dispatched and Traded together and the metering data from Assets within the Meterable Unit will be aggregated. For more information please see our [Glossary](#) and [help and guidance](#) pages.

Navigate to the “Meterable Units” tab at the top of the screen and select “Create a New Meterable Unit Request”.



Name your Meterable Unit and select a CMZ from the drop down list. The CMZs you are able to view will reflect the matched flexibility locations of your Approved Assets.

Create Meterable Unit

Meterable Unit Name

Household CMZ 1

CMZ Code

cmz_3

cmz_1

cmz_2

cmz_3

cmz_4

Add a new Asset

The next step is to choose which of your Assets to add to the Meterable Unit.

Assets can be grouped together or standalone within a Meterable Unit, the only exception is for Commercial & Industrial Assets, which cannot group Demand and Generation & Storage Assets in the same Meterable Unit.

Generally, we have found that FSPs tend to group their Domestic Assets together in a Meterable Unit. In the case of Commercial and Industrial Assets they tend to be larger Generator & Storage Assets and are often standalone within a Meterable Unit. However any grouping will be accepted and Commercial & Industrial Assets can be grouped with Domestic Assets as required.

Below is an example showing a Meterable Unit consisting of Domestic Assets within a CMZ.

Create Meterable Unit

Meterable Unit Name
Household CMZ 1

CMZ Code
cmz_1 ▲ Add a new Asset

Selected assets				
Name	ID	MPAN	View	Remove
Domestic House 5	53	1111002302597	View	Remove
Domestic House 9	57	1145254320687	View	Remove

Back Reset Submit

Once the required Assets have been added to the Meterable Unit a popup will appear confirming the key details. The MUID on the Dashboard will appear blank at this stage, this is an ID we will provide once we have setup your Meterable Unit on the Flexible Power Portal (FPP), it will later be used to reference the metering data that is submitted via the FPP metering API.

Below are another two examples showing Commercial & Industrial Meterable Units consisting of Demand and Generator & Storage Asset Types.

Create Meterable Unit

Meterable Unit Name
Commercial Demand 1

CMZ Code
cmz_1 ▲ Add a new Asset

Selected assets				
Name	ID	MPAN	View	Remove
Supermarket 2	37	1125764879534	View	Remove
EV Fast Charger 2	41	1144569803215	View	Remove

Back Reset Submit

Create Meterable Unit

Meterable Unit Name
Gas Turbine 1

CMZ Code
cmz_1 ▲ Add a new Asset

Selected assets				
Name	ID	MPAN	View	Remove
Gas Turbine 1	49	1100023033698	View	Remove

Back Reset Submit

After creating your final Meterable Unit, navigate back to the Meterable Units list by clicking on “Return to Dashboard”.

On this screen you will see the list of Meterable Units. Just as with the list of Assets, here you can search for Meterable Units by name or ID, filter by CMZ and by status.

Search:

Filter:

CMZ: cmz_1, cmz_2, cmz_3, cmz_4

Status: Pending MUID, Pending Metering, Ready for Trades

ID	Asset Name	CMZ	Assets Co	CMZ	Date	Status	Action
8	Household CMZ 1	1	2	cmz_1	Thu, 11 May 2023	Pending MUID	View
9	Commercial Demand 1	1	2	cmz_1	Thu, 11 May 2023	Pending MUID	View
10	Gas Turbine 1	1	1	cmz_1	Thu, 11 May 2023	Pending MUID	View
11	Factory Demand 2	1	1	cmz_1	Thu, 11 May 2023	Pending MUID	View

Initially your Meterable Unit(s) will be “Pending MUID”, once they have been processed by NGED they will be issued an MUID – this usually takes between 24 and 48 hours. Following MUID issuing, Meterable Units will progress to the “Pending Metering” stage.

At this stage you are required to build the metering and the start/stop APIs on the [Flexible Power Portal](#). An API must be built for each Meterable Unit to enable its eligibility to Trade. The Flexible Power Portal facilitates API communication and calculates settlement and performance. Further guidance on API build is provided [here](#).

Once you have built your API(s) and successfully sent metering data which we can detect, successfully detecting metering data requires us to see at least 12 meter readings within the last 7 days submitted via the API, the status of your Meterable Unit(s) will be updated to “Ready for Trades”.

Meterable Units that are ready to Trade will be eligible to enter into all Trade Opportunities that apply to the CMZ they are sited within. NGED will notify all parties registered in the Market Gateway when Trade Opportunities are available.

5.2 Editing Meterable Units

Navigate to the Meterable Units or Dashboard tab and locate the Meterable Unit you wish to edit from the list, click on the “View/Edit” button to begin.

You will then be presented with the Meterable Unit History table, to edit your Meterable Unit click “Edit”

[Back](#)

View Meterable Unit History

Meterable Unit ID: 8

Version	Meterable Unit Name	Active Version	Status	Operational	From	To	Action
1	Household CMZ 1	Is Active	Ready for Trades	Yes	Mon, 5 Jun 2023	-	Edit

The next page is where the Meterable Unit details can be edited, you will be able to change the Meterable Unit Name, add additional Assets to the Meterable Unit via the “Update Assets” button, view asset details or remove assets either by clicking “Remove” or deselecting them within the “Update Assets” menu.

Back

Edit Meterable Unit

Meterable Unit Name

Household CMZ 1

Meterable Unit FPP MUID

Meterable Unit Status

Ready for Trades

CMZ Code

cmz_1

Update Assets

Selected assets

Name	ID	MPAN	View	Remove
Domestic House 5	53	1111002302597	View	Remove
Domestic House 9	57	1145254320687	View	Remove

Cancel

Save Changes

When you have made an edit to your Meterable Unit, a popup will appear confirming the key details of your Meterable Unit Request.

Editing a meterable unit will not affect its status, for example those that were “Ready for Trades” will remain as such.

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