



**Gemini Change Programme  
Gemini System Enhancements  
User Guide  
External Version**

# Contents

<b>1</b>	<b>Introduction</b>	<b>3</b>
1.1	Purpose of this User Guide	3
1.2	Audience	3
1.3	Background	3
<b>2</b>	<b>Security enhancements</b>	<b>4</b>
2.1	User ID Password Reset	4
<b>3</b>	<b>Performance enhancements</b>	<b>4</b>
3.1	Removal of NEWS pop up window	4
3.2	Update to Gemini banner	5
<b>4</b>	<b>API enhancements</b>	<b>5</b>
<b>5</b>	<b>Gemini and Gemini Exit Home Screens</b>	<b>6</b>
5.1	Gemini Home Screen	6
5.2	Gemini Exit Home Screen	7
<b>6</b>	<b>Gemini Dashboard Home Screen</b>	<b>8</b>
6.1	Overview	8
6.2	Navigating to the Dashboard Home Screen	8
6.3	Dashboard Home: Entitlement vs Nomination Charts	10
6.4	Dashboard Home: BA Hourly Scheduled Balance	11
6.5	Dashboard Home: Hourly Line Pack	12
6.6	Dashboard Home Screen – SAP	12
<b>7</b>	<b>Gemini Dashboard Balancing Screen</b>	<b>13</b>
7.1	Overview	13
7.2	Balancing Dashboard: Balancing Home Screen	13
7.3	Balancing Dashboard: Nominations & Trade Nominations	14
7.4	Balancing Dashboard: Allocations by Meter Type & Direction	17
7.5	Balancing Dashboard: Allocation and Nomination Details by Meter ID	20
7.6	Balancing Dashboard: Allocation by Meter Type and Meter ID	22
7.7	Balancing Dashboard: EU Nomination for Interconnector Points	24
<b>8</b>	<b>Gemini Dashboard Capacity Screen</b>	<b>26</b>
8.1	Overview	26
8.2	Capacity Dashboard: Capacity Home Screen	26
8.3	Capacity Dashboard: Auction Calendar	27
8.4	Capacity Dashboard: Bids and Trades	28
8.5	Capacity Dashboard: Top and Bottom 5 Entitlements	29
<b>9</b>	<b>Gemini Dashboard Invoice Screen</b>	<b>32</b>
9.1	Overview	32
9.2	Invoice Screen	32
<b>10</b>	<b>Entitlements Modifications</b>	<b>33</b>
10.1	Overview	33
10.2	Entitlements Screen	34
10.3	Entitlements Report	35
10.4	Viewing Valid Entitlements	35
<b>11</b>	<b>Bid Information</b>	<b>36</b>
11.1	Overview	36
11.2	Bid Information Screen	36
11.3	Bid Information Detail Report	38
<b>12</b>	<b>Request Information Detail Report (Exit)</b>	<b>39</b>
12.1	Overview	39

12.2	Request Information Detail Report Screen	39
<b>13</b>	<b>Trade Details</b>	<b>41</b>
13.1	Overview	41
13.2	Trade Details Screen	41
<b>14</b>	<b>OCM/OTC Trade Details (On-the-day Commodity Market / Over The Counter)</b>	<b>42</b>
14.1	Overview	42
14.2	OCM/OTC Trade Details Screen	42
<b>15</b>	<b>EU Nominations</b>	<b>43</b>
15.1	Overview	43
15.2	EU Nominations Screen	43
<b>16</b>	<b>Allocation Details by ASEP/Meter Type</b>	<b>45</b>
16.1	Overview	45
16.2	Allocation Details by ASEP/Meter Type Screen	45
<b>17</b>	<b>Allocation Details by LDZ/Meter Type</b>	<b>46</b>
17.1	Overview	46
17.2	Allocation Details by LDZ/Meter Type Screen	46
<b>18</b>	<b>Nominations</b>	<b>47</b>
18.1	Overview	47
18.2	Nominations Screen	47
<b>19</b>	<b>Renominations</b>	<b>48</b>
19.1	Overview	48
19.2	Renominations Screen	48
<b>20</b>	<b>Meter ID Look Up</b>	<b>49</b>
20.1	Meter ID Look Up Screen	49
20.2	List of Screens for Meter ID Look Up behaviour	52
<b>21</b>	<b>Business Associate Balance</b>	<b>53</b>
21.1	Overview	53
21.2	Business Associate Balance Screen	53
<b>22</b>	<b>BA Total Energy Forecast</b>	<b>54</b>
22.1	Overview	54
22.2	BA Total Energy Forecast Screen	54
<b>23</b>	<b>Sorting</b>	<b>55</b>

# 1 Introduction

## 1.1 Purpose of this User Guide

This User Guide has been written to support the implementation of the **Gemini System Enhancements Project (GSE)** which goes live on the **25<sup>th</sup> July 2021**. This project is part of the **Gemini Change Programme**. The guide has been written to provide guidance for using the new functions and features that have been introduced to Gemini as a result of the GSE project.

Along with this User Guide there are a number of supporting documents, these include: the API Specification Document, the API User Guide, and the External Screens Pack. These are available via the Xoserve.com website and at this below link:

<https://www.xoserve.com/systems/gemini/gemini-system-enhancements-gse/>

## 1.2 Audience

The intended audience for this guide is:

- Shippers
- Distribution Network Operators

## 1.3 Background

The Gemini IT system underpins the commercial Gas Transmission regime and accounts for all capacity and energy transactions. It is owned by National Grid (NG) with technical support provided by Xoserve under the Data Services Contract.

National Grid have a commitment to customers and Ofgem to maintain compliance with the Uniform Network Code (UNC) and ensure that Gemini meets the needs of its users. The Gemini Re-Platforming project, delivered in 2020, addressed the ageing hardware and ensured continuing support for software versions. The Gemini System Enhancements project along with the long-term roadmap is about adapting and improving Gemini based on the needs of a changing industry to meet customer expectations.

The Gemini System Enhancements project delivered **over 65 enhancements** for the benefit of all system users. The collection of changes in this document directly focuses the Shipper user community.

## 2 Security enhancements

### 2.1 User ID Password Reset

The process for password resets has been updated such that the user can contact the Xoserve Service Desk to request a password reset without having to contact their registered LSO.

This is on the basis sufficient information is held to authenticate a password reset request. Where this is not, the registered LSO will be required to authorise the request.

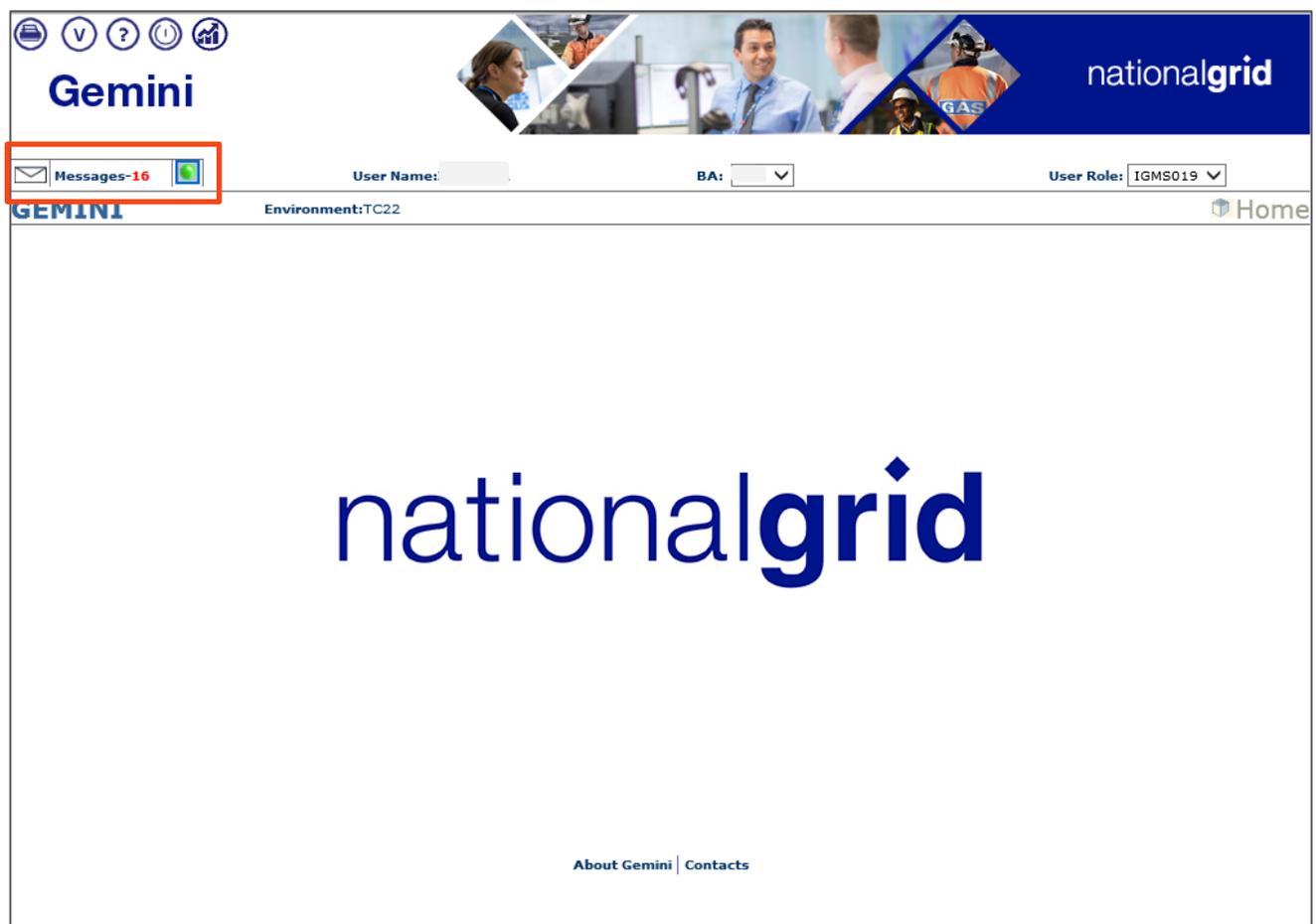
The process has been updated in the UK Link Security Operating Framework and submitted as a Change Pack in May 2021. The Framework includes full details relating to the creation of new accounts, amendment to existing accounts and account deletion. A link to the Change Pack is below:

<https://www.xoserve.com/change/change-packs/2827-rt-po-change-pack-may-2021/>

## 3 Performance enhancements

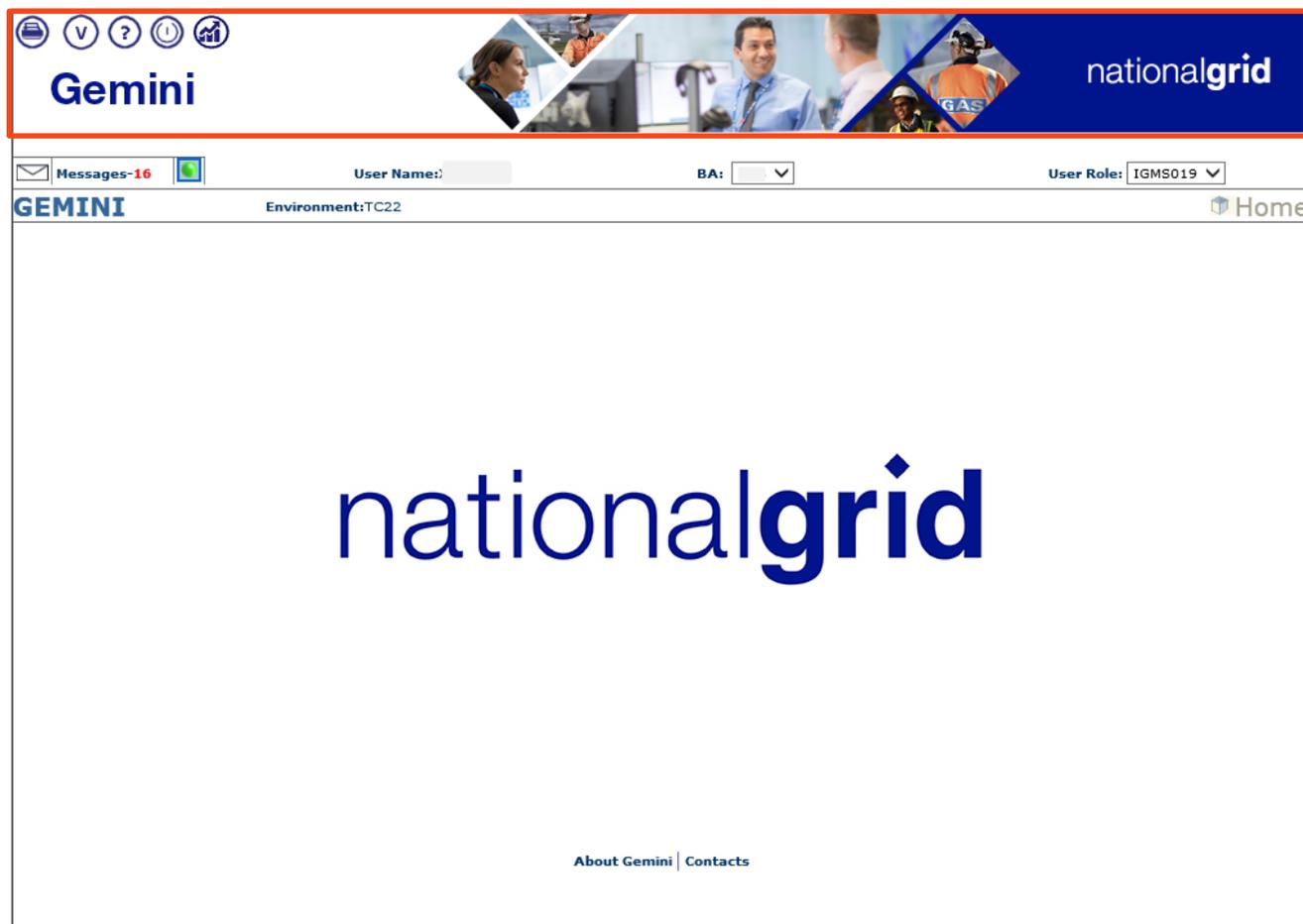
### 3.1 Removal of NEWS pop up window

On login the pop-up window has been removed. Messages can still be viewed via the Menu bar.



## 3.2 Update to Gemini banner

For both Gemini and Gemini Exit the banner has been modernised and updated.



The screenshot displays the Gemini application interface. At the top, there is a navigation bar with several icons (home, search, help, refresh, and a bar chart) on the left, followed by the word "Gemini" in a large blue font. To the right of "Gemini" is a collage of images showing people working in an office and a gas worker in a field. Further right is the "nationalgrid" logo in white on a dark blue background. Below the navigation bar is a status bar containing "Messages-16", "User Name:", "BA:" with a dropdown menu, and "User Role: IGMS019" with a dropdown menu. The main content area features the "GEMINI" logo on the left, "Environment:TC22" in the center, and a "Home" button on the right. The central focus is a large "nationalgrid" logo in blue. At the bottom center, there are links for "About Gemini" and "Contacts".

## 4 API enhancements

The Gemini System Enhancements project is introducing **13 new APIs** bringing the total number of Gemini APIs to 56. Planned for calendar Q4 2021, all 56 APIs will be available **over the internet** as well as via the Information Exchange (IX) network. Further guidance on these can be found in the Gemini API User Guide and the Gemini API Specification Document; both are available via the GSE website:

<https://www.xoserve.com/systems/gemini/gemini-system-enhancements-gse/>

## 5 Gemini and Gemini Exit Home Screens

The Gemini and Gemini Exit Home Screens have a range of icons in the top left-hand corner. The following explains what the purpose is of each icon.

### 5.1 Gemini Home Screen



	Print
	Organise <b>Favourites</b>
	FAQs
	Gemini <b>Home</b> Screen
	<b>Dashboard</b> Home Screen
	<p><b>Live Capacity vs Nomination breach:</b></p> <p><b>Green</b> icon = <b>No</b> Breach</p> <p><b>Amber</b> icon = <b>Potential</b> Breach (where the total <b>requested nomination</b> for the gas day exceeds total entitlement)</p> <p><b>Red</b> icon = <b>Actual</b> Breach (where the total <b>confirmed nomination</b> for the gas day exceeds total entitlement)</p> <p>Clicking the bell icon will open the <b>Live Capacity vs Nomination Report</b></p>

## 5.2 Gemini Exit Home Screen

The screenshot shows the Gemini Exit Home Screen. At the top left, there is a navigation menu with four icons: a printer, a 'V' in a circle, a power button, and a bar chart. The main header includes the Gemini Exit logo and the National Grid logo. Below the header, there are tabs for 'Contract', 'Product', 'Publish', 'Deal', and 'Constraints'. A user profile section displays 'User Name:', 'BA:', and 'User Role: EXIT007'. The main content area features the Gemini Exit logo and the National Grid logo.

	<b>Print</b>
	Organise <b>Favourites</b>
	Gemini Exit <b>Home</b>
	<b>Dashboard</b> Home Screen

## 6 Gemini Dashboard Home Screen

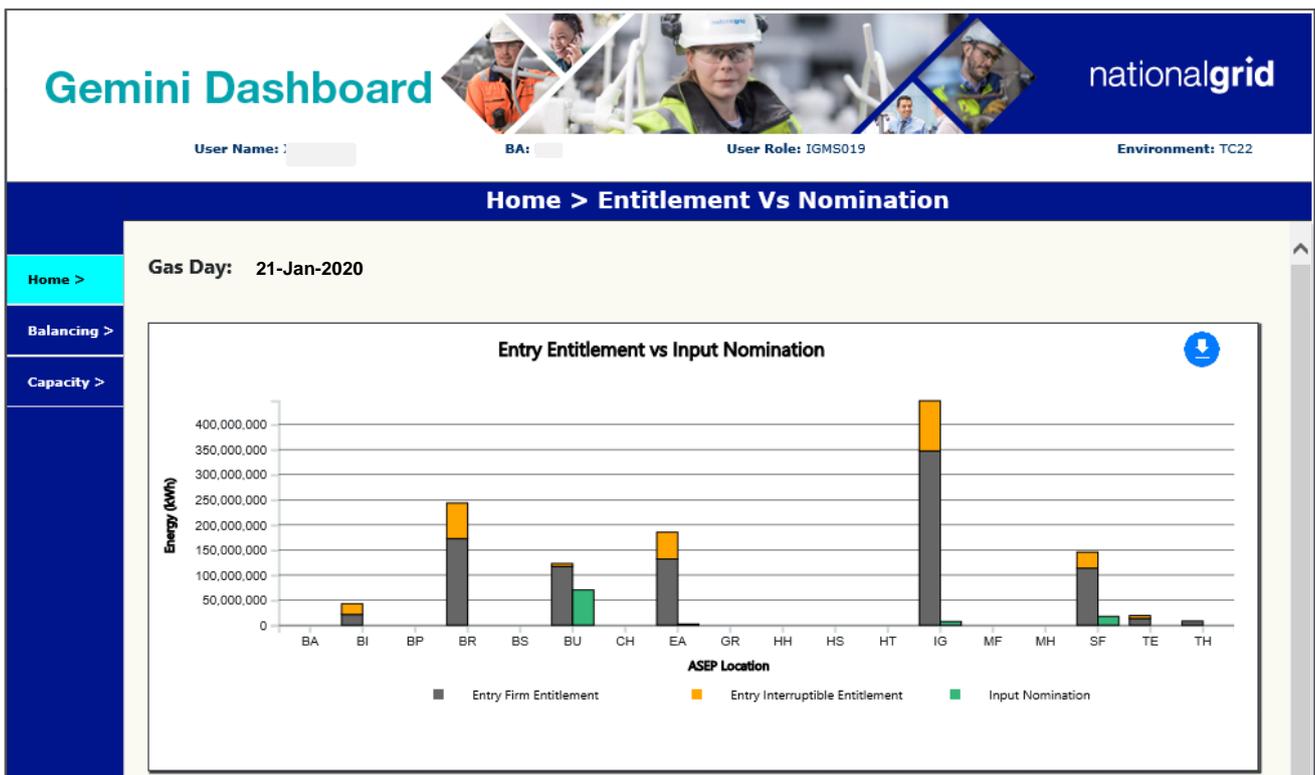
### 6.1 Overview

The **Gemini Dashboard Home Screen** gives the user the ability to compare various types of data present in Gemini and Gemini Exit.

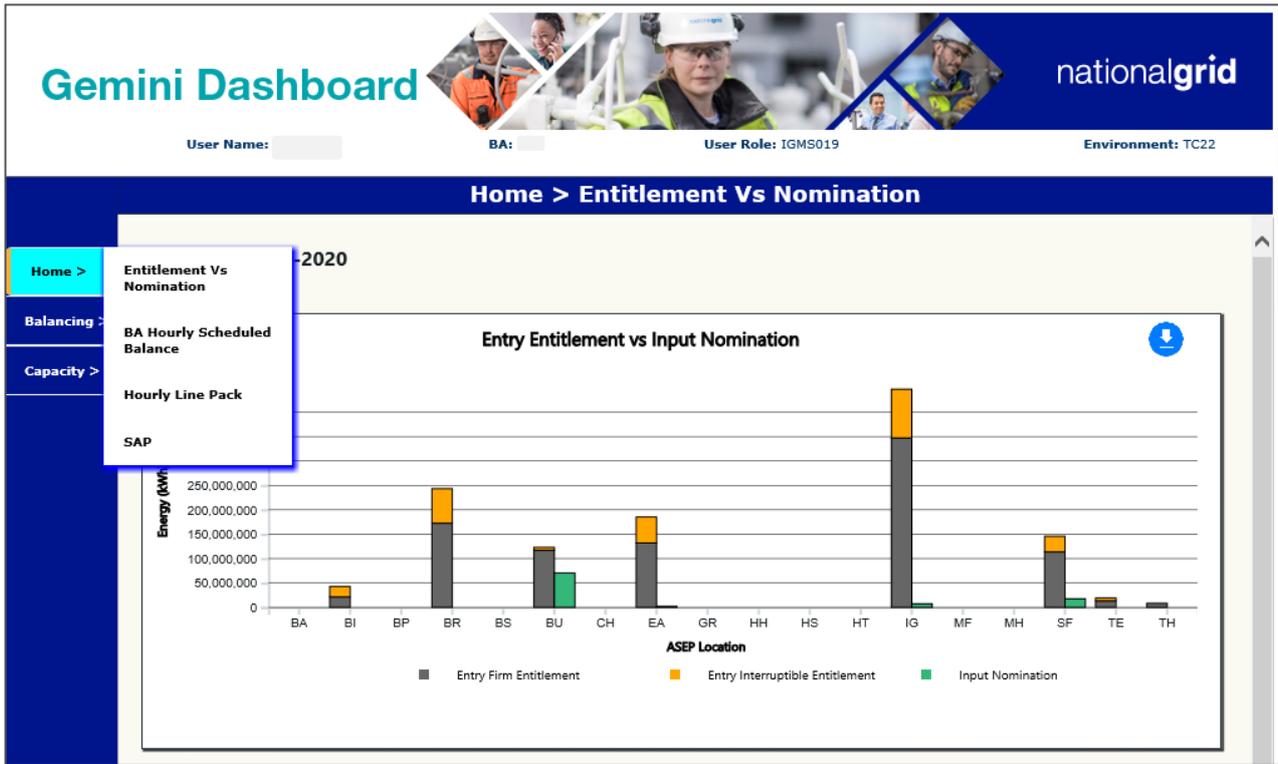
The Dashboard Home Screen displays graphical information for the current Gas Day. From the Home screen a user can also navigate to the **Dashboard Balancing** Screen and **Dashboard Capacity** Screen.

### 6.2 Navigating to the Dashboard Home Screen

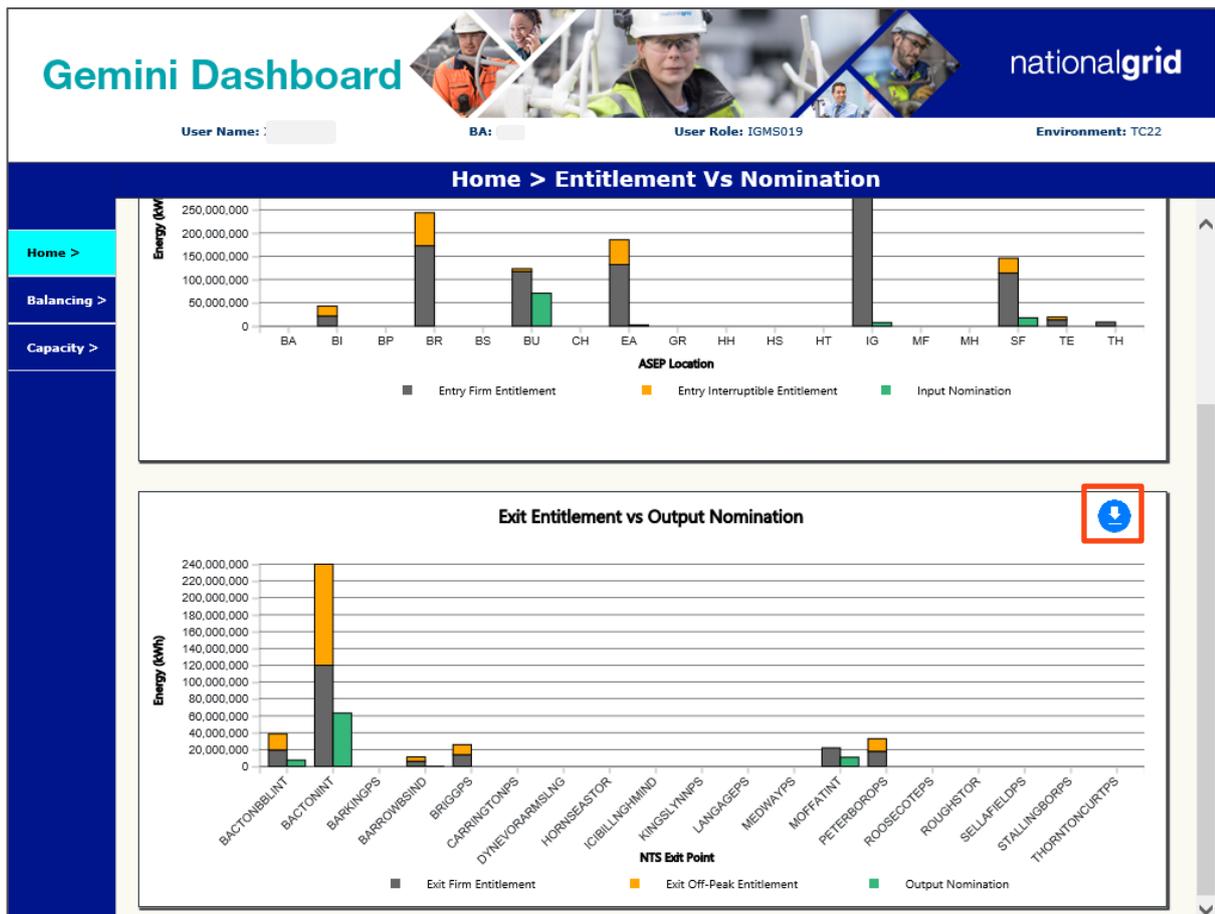
A user can navigate to the Dashboard Home Screen from the **icon** at the top of the **Gemini Home Screen** or **Gemini Exit Home Screen**, as illustrated:



The options in the Navigation Pane on the left-hand side have further drop downs that can be selected. Hover over each one to see the available options.



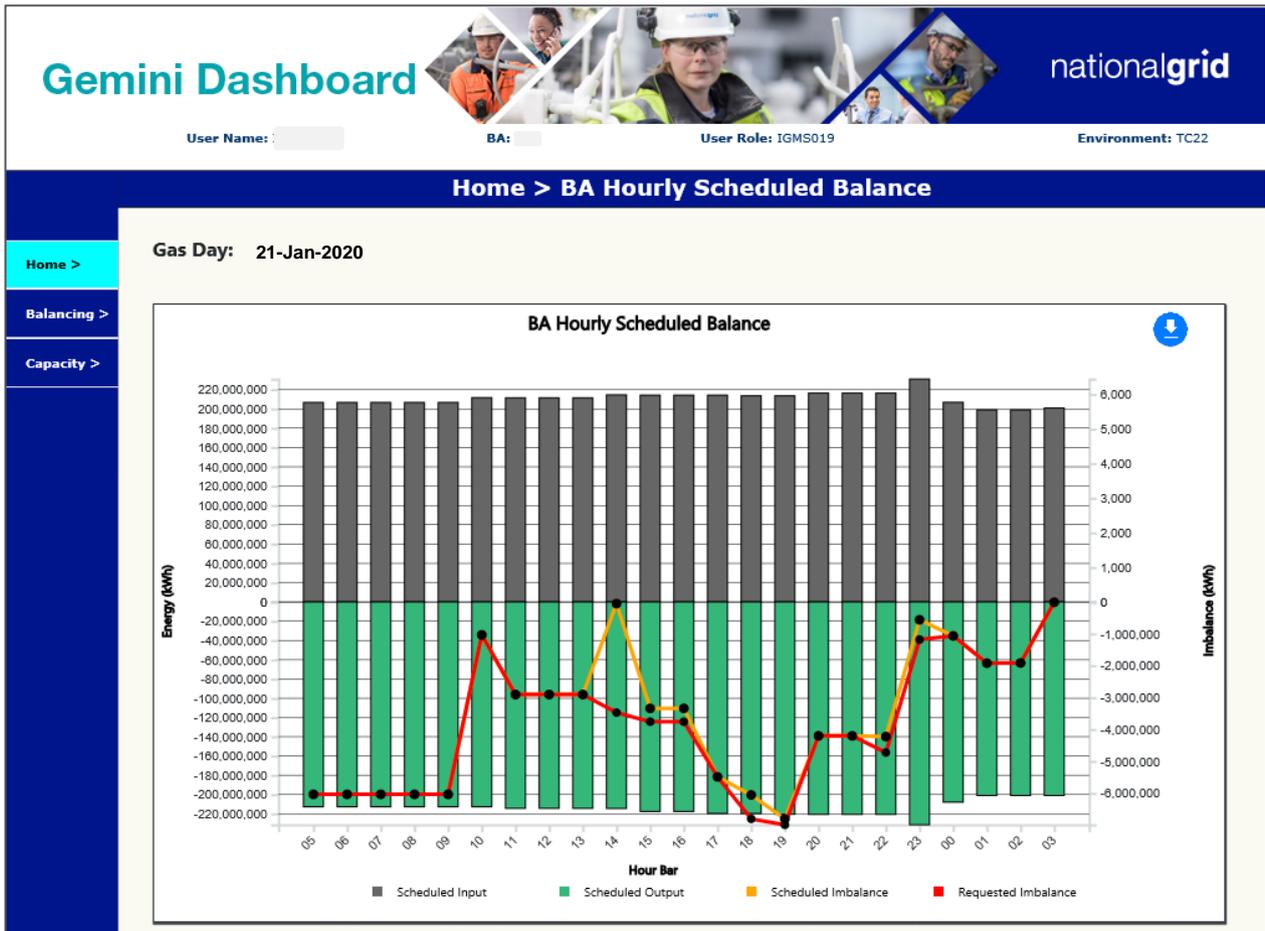
## 6.3 Dashboard Home: Entitlement vs Nomination Charts



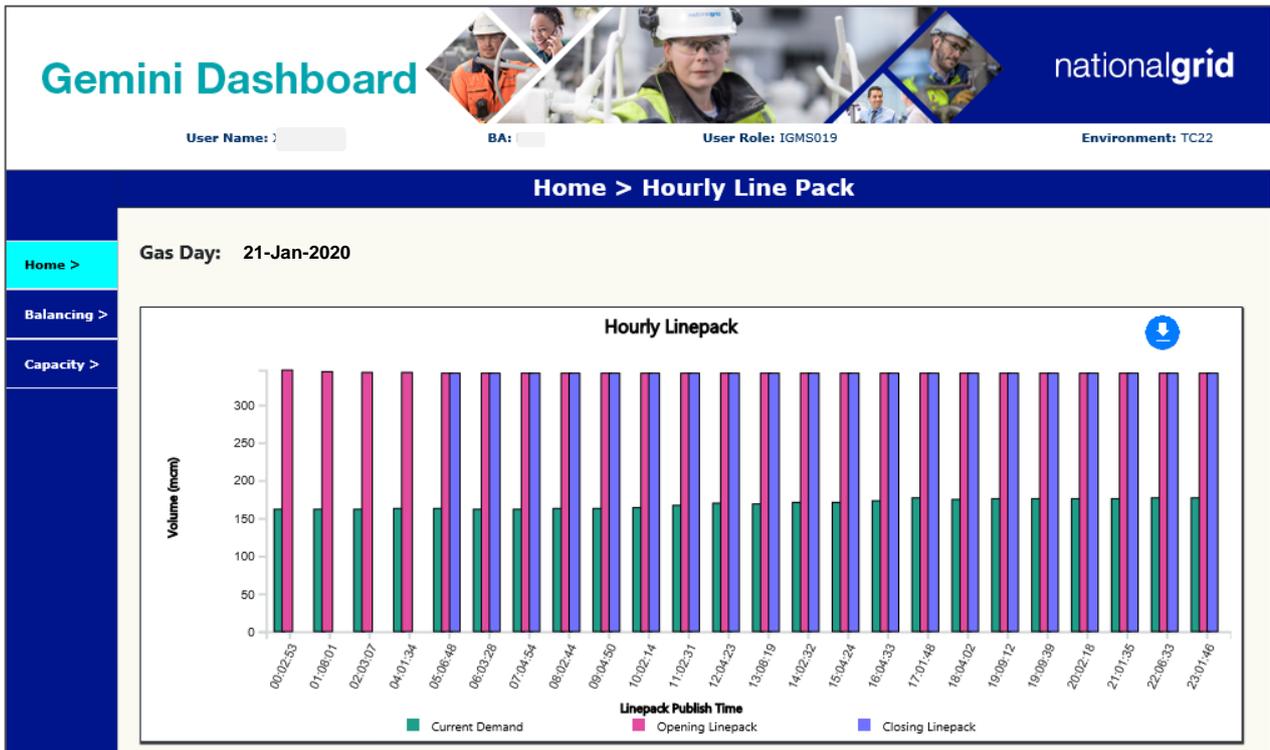
The Entitlement vs Nomination Dashboard displays two charts:

- Entry Entitlement vs Input Nomination in the top half of the window
- Exit Entitlement vs Output Nomination in the bottom half of the window
- **Scroll down** to see the second chart
- Click the **Download** icon (outlined in orange) to save data to Excel format

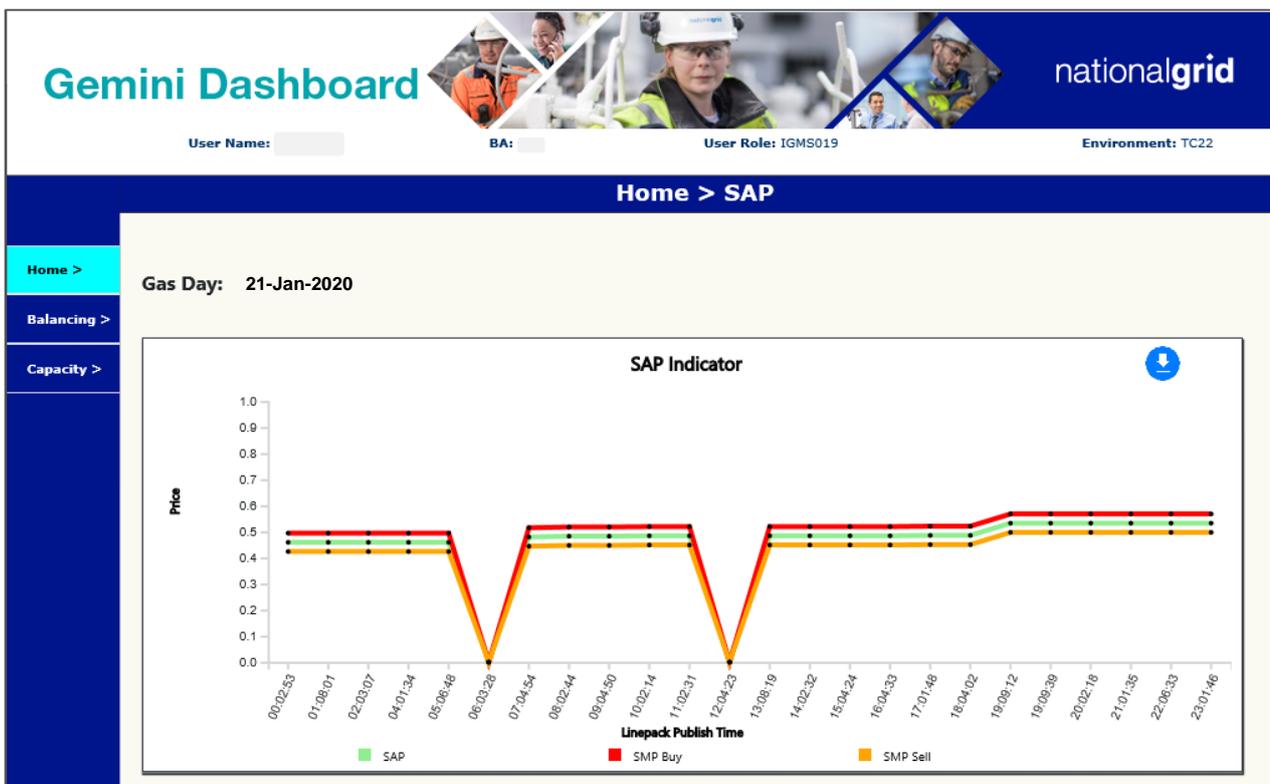
## 6.4 Dashboard Home: BA Hourly Scheduled Balance



## 6.5 Dashboard Home: Hourly Line Pack



## 6.6 Dashboard Home Screen – SAP



## 7 Gemini Dashboard Balancing Screen

### 7.1 Overview

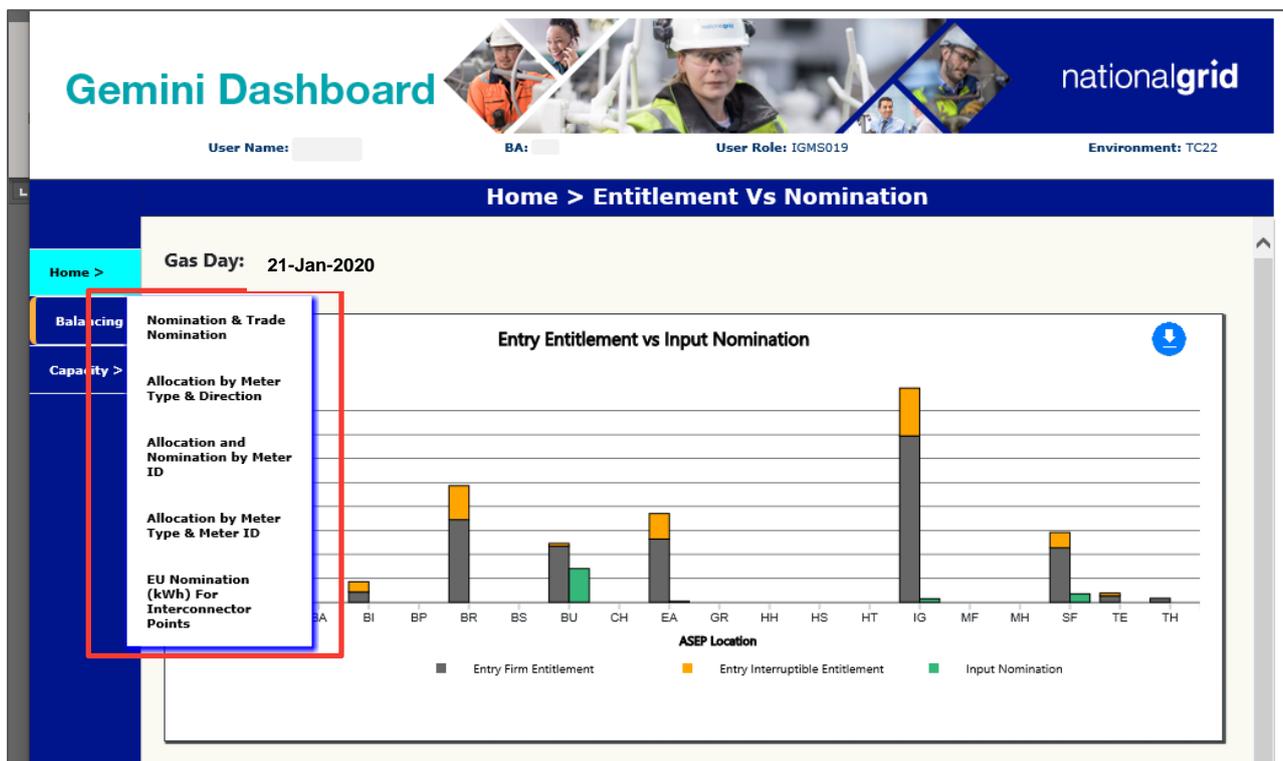
From the Dashboard Home screen a user can access the **Dashboard Balancing Screen** using the navigation menu on the left. The Dashboard Balancing Screen gives the facility to select a date range and view charts for the selected range.

### 7.2 Balancing Dashboard: Balancing Home Screen

To view the Dashboard Balancing Options:

- Click on the **Balancing** menu from the **Navigation Pane** on the left

The following list of items will display and these options are explored individually on the following pages.

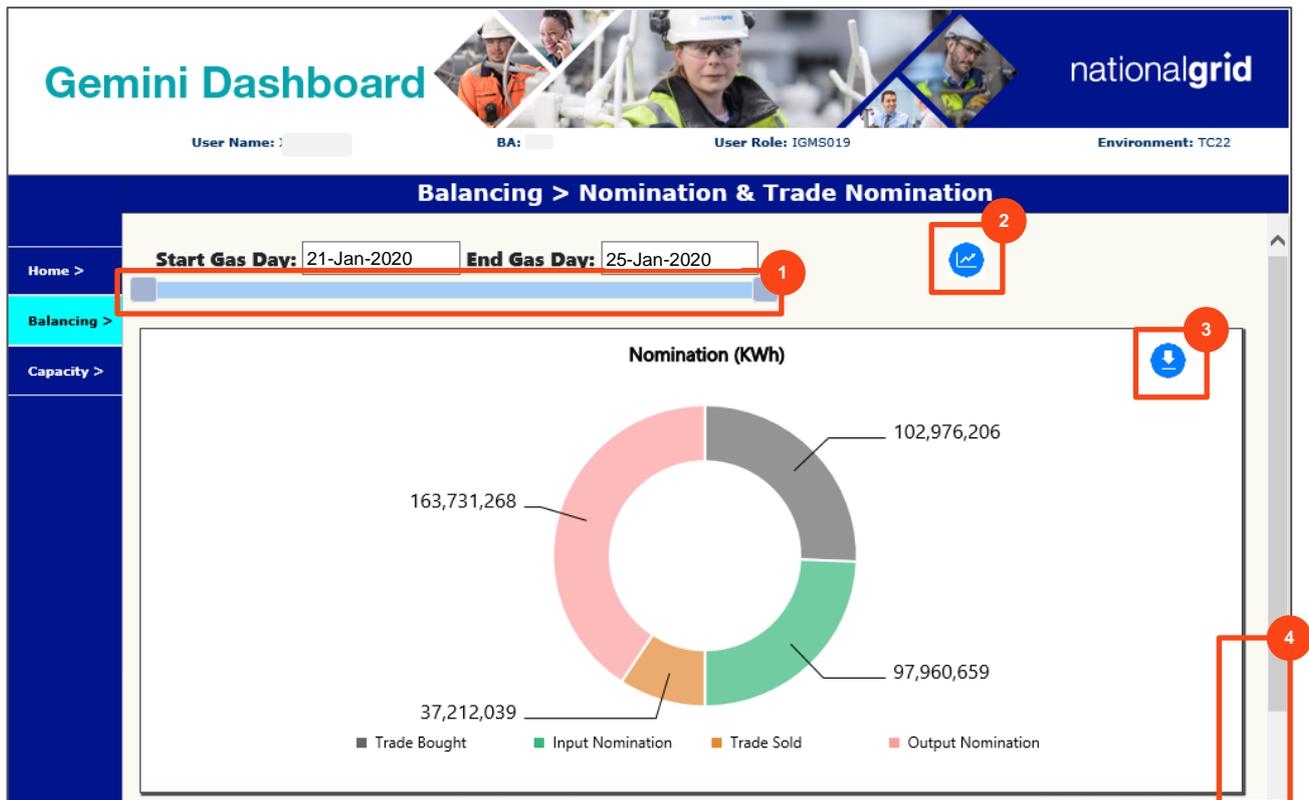


## 7.3 Balancing Dashboard: Nominations & Trade Nominations

This screen can be used to view the following for a Gas Day or a range of Gas Days:

- Trade Sold
- Input Nomination
- Output Nomination
- Trade Bought

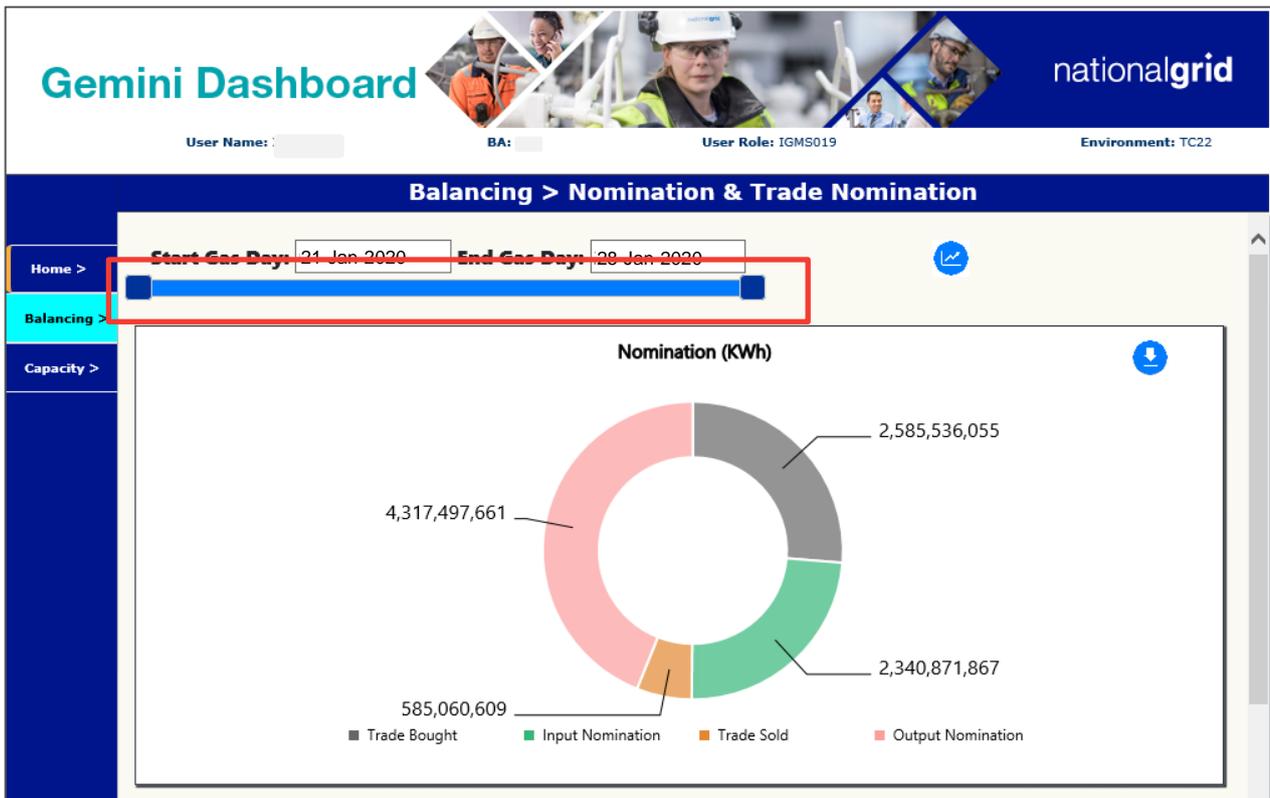
After clicking on the **Nominations & Trade Nominations** option, the following will display. This dashboard displays Nominations in the top chart and Trades in the bottom chart:



1	<b>Slider</b> bar: drag to the right to expand the range of Gas Days and drag to the left to reduce.
2	<b>Show Dashboard</b> button: click to refresh the screen after selecting the range of Gas Days
3	<b>Download chart</b> button – use to save information to <b>Excel</b>
4	Scroll down to see the <b>Trades</b> chart

To see data for more than 1 Gas Day to a maximum of 30 Gas Days:

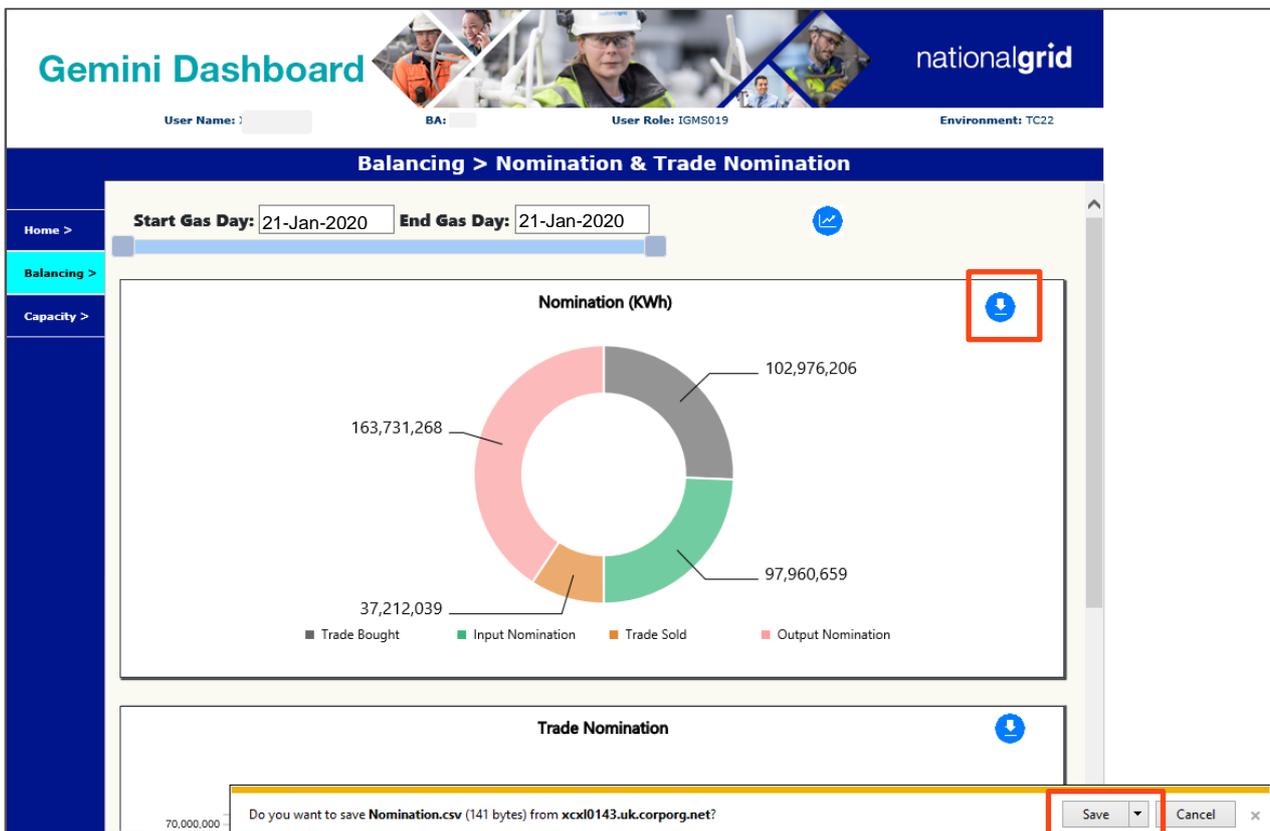
- Drag the **Slider Bar** to the right to expand the range of Gas Days and to the left to reduce:



To **download** the Nomination information to **CSV format**:

- Click the **Download Chart** button as indicated by the orange outline

The screen will prompt the user to save the chart information:



The user is prompted to **Save** to CSV which can be opened in Excel:

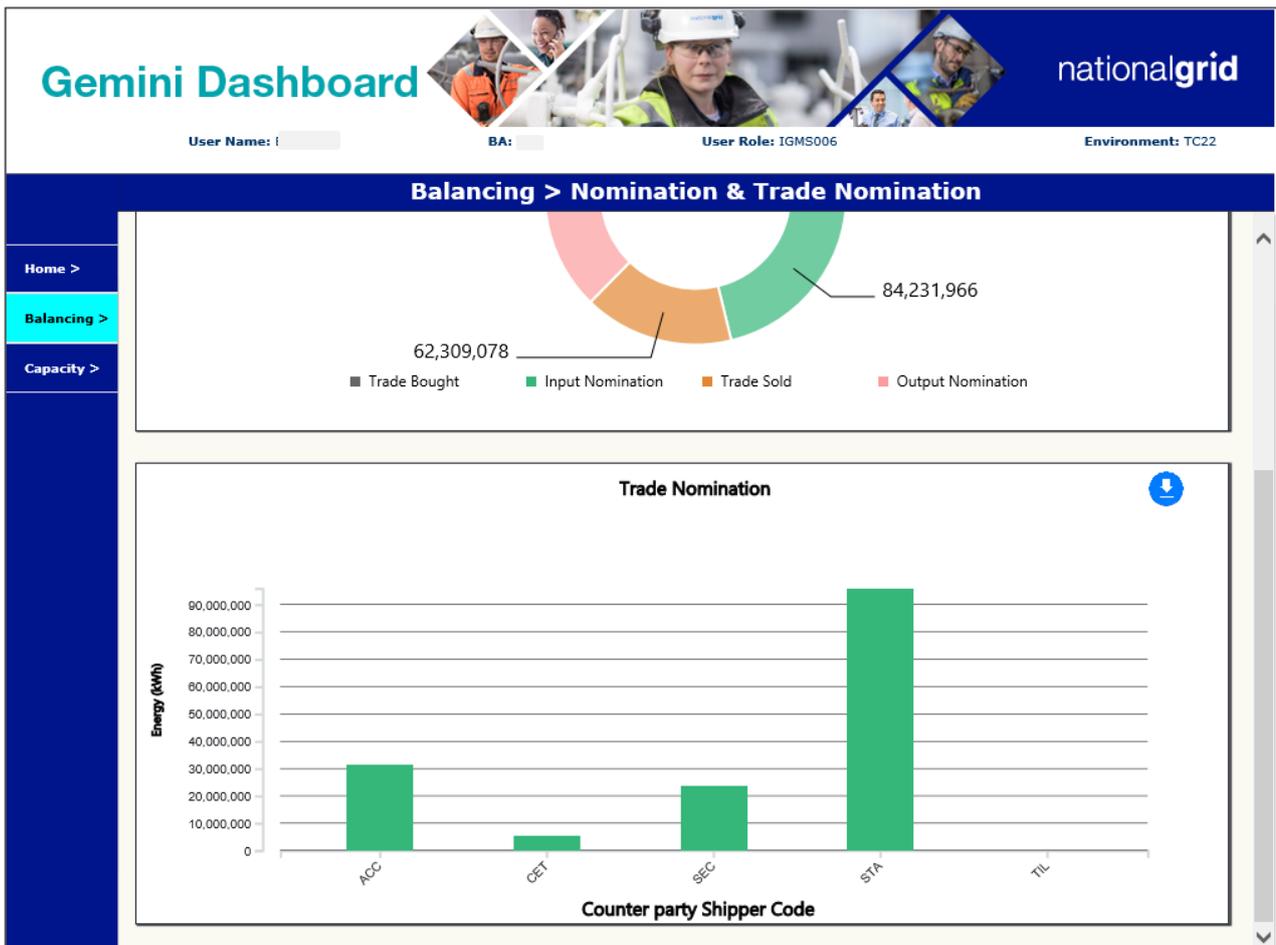
Nomination - Excel (Product Activation Failed)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Nomination Type	Nomination (kWh)																
2	Trade Bought	188051881																
3	Input Nomination	210830848																
4	Trade Sold	333157084																
5	Output Nomination	65733494																
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		

To view the **Trades** chart:

- Scroll down at the bottom right corner of the window

The **Trades** chart will display:



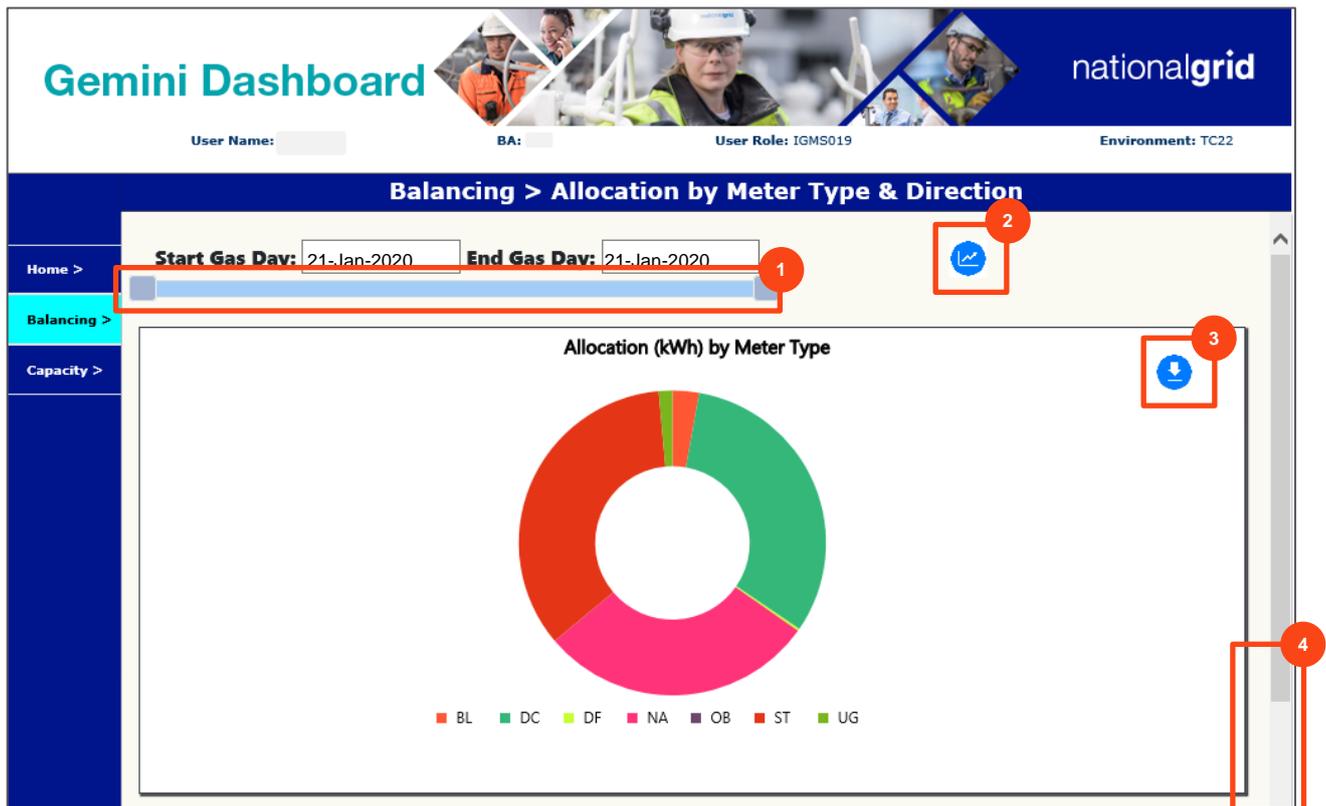
The data from the Trades chart can be downloaded in the same way as that from the Nominations chart.

## 7.4 Balancing Dashboard: Allocations by Meter Type & Direction

This screen can be used to view the following for a Gas Day and a range of Gas Days:

- Allocation (kWh) by Meter Type
- Allocation (kWh) by Flow Direction

After clicking on the **Allocations by Meter Type & Direction** option, the following will display. This dashboard displays **Allocation by Meter Type** in the top chart and **Allocation by Flow Direction** in the bottom chart:



1	<b>Slider bar:</b> drag to the right to expand the range of Gas Days and left to reduce.
2	<b>Show Dashboard</b> button: click to refresh the screen after selecting the range of Gas Days
3	<b>Download chart</b> button: use to save information to <b>Excel</b>
4	Scroll down to see the <b>Allocation (kWh) by Direction</b> chart

Note: the charts only display positive values. In relation to UG negative values, these will not be displayed but are available for download.

To **download** the **Allocation (kWh) by Meter Type** information to **CSV format**:

- Click the **Download Chart** button as indicated by the orange outline
- The user is prompted to **Save** to CSV which can be opened in Excel:

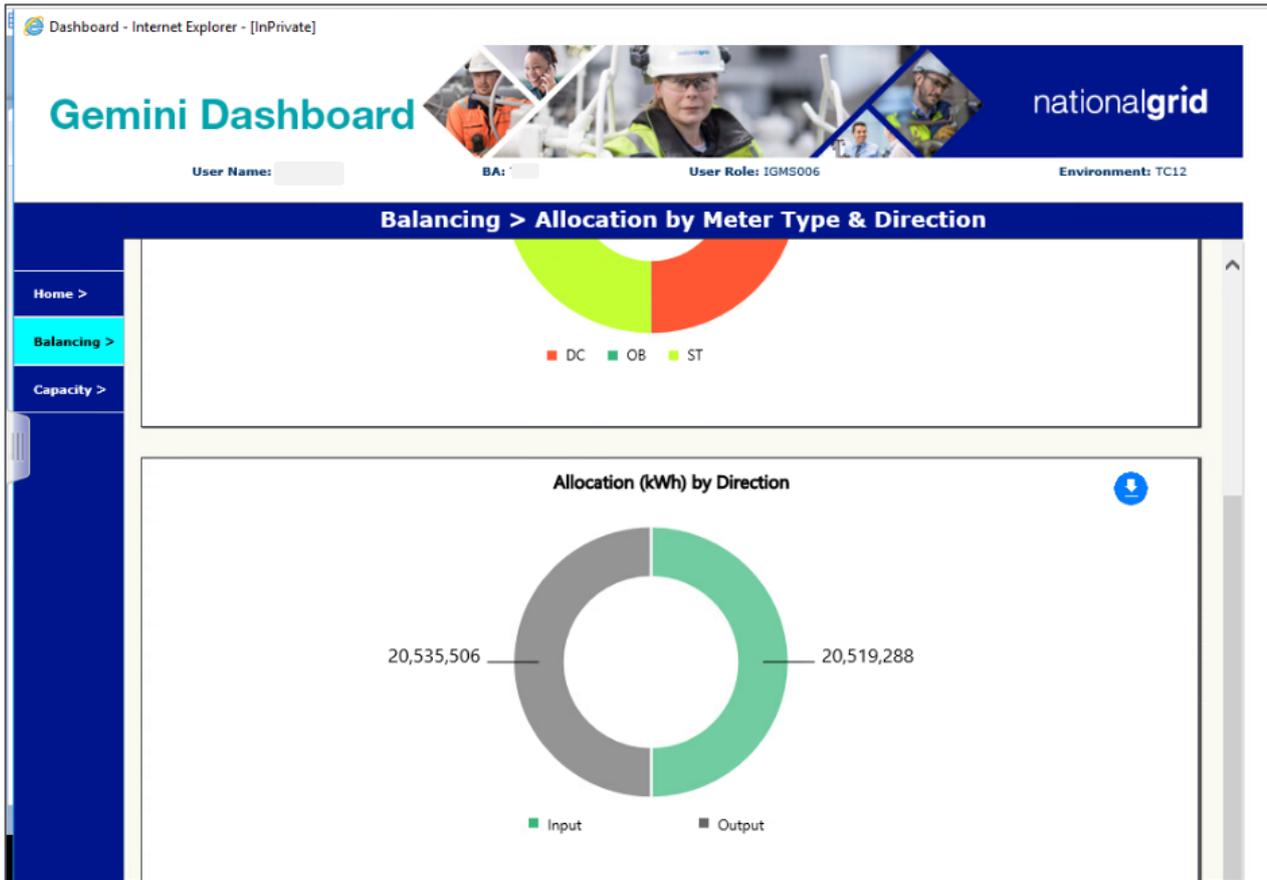
The screen will prompt the user to save the chart information:

The screenshot displays the Gemini Dashboard interface. At the top, the 'nationalgrid' logo is visible on the right, and user information (User Name, BA, User Role: IGMS019, Environment: TC22) is shown on the left. The main navigation bar includes 'Home >', 'Balancing >', and 'Capacity >'. The current view is 'Balancing > Allocation by Meter Type & Direction'. The 'Start Gas Day' and 'End Gas Day' are both set to '21-Jan-2020'. The main content area features a donut chart titled 'Allocation (kWh) by Meter Type'. The chart is divided into segments for BL (red), DC (green), DF (yellow), NA (pink), OB (purple), ST (orange), and UG (light green). A blue download icon (a square with a downward arrow) is located in the top right corner of the chart area, highlighted with an orange border. Below the chart is another section titled 'Allocation (kWh) by Direction' with a similar download icon. At the bottom of the screen, a dialog box is open, asking 'Do you want to save Allocation (kWh) by Meter Type.csv (125 bytes) from cxd0143.uk.corporg.net?'. The 'Save' button in this dialog is also highlighted with an orange border.

To view the **Allocation (kWh) by Direction** chart:

- Scroll down at the bottom right hand corner of the window

The **Allocation (kWh) by Direction** chart will display:



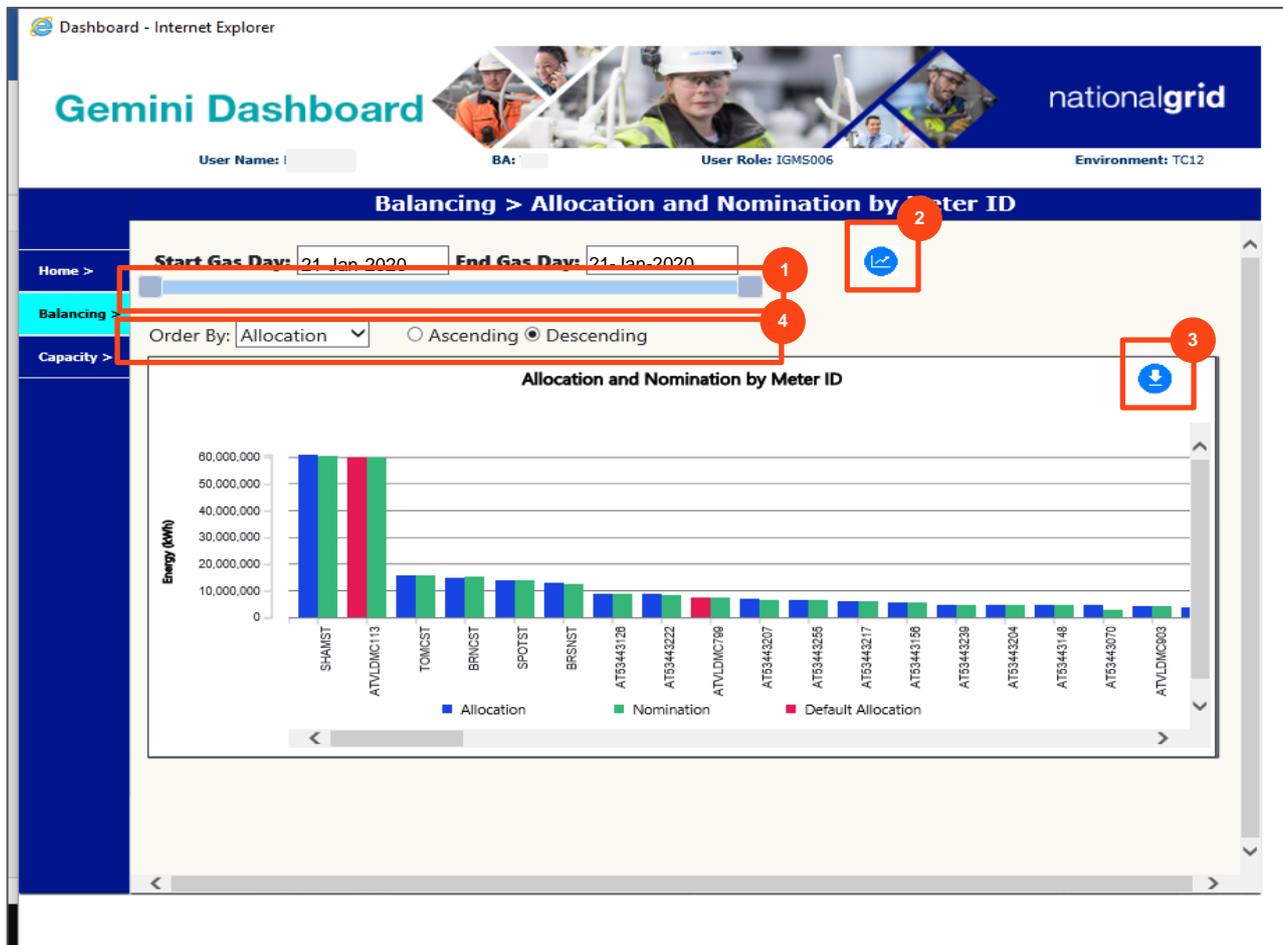
The data from the Allocation by Direction chart can be downloaded in the same way as that from the Allocation by Meter Type chart.

## 7.5 Balancing Dashboard: Allocation and Nomination Details by Meter ID

This screen can be used to view the following for a Gas Day and a range of Gas Days:

- Allocation and Nomination Details by Meter ID

After clicking on the **Allocation and Nomination Details by Meter ID** option, the following will display.



- X-axis consists of Meter ID's
- Y-axis consists of Energy
- Unit for Nomination/Allocation value is kWh

1	<b>Slider</b> bar: drag to the right to expand the range of Gas Days and left to reduce.
2	<b>Show Dashboard</b> button: click to refresh the screen after selecting the range of Gas Days
3	<b>Download chart</b> button: use to save information to <b>Excel</b>
4	<b>Order By:</b> select Ascending or Descending

To download the **Allocation and Nomination by Meter ID** information to **CSV format**:

- Click the **Download Chart** button as indicated by the orange outline
- The user is prompted to **Save** to CSV which can be opened in Excel

The screenshot shows the Gemini Dashboard interface. The main content area displays a bar chart titled "Allocation and Nomination by Meter ID" for the period from 21-Jan-2020 to 21-Jan-2020. The chart shows energy (kWh) on the y-axis (0 to 60,000,000) and various meter IDs on the x-axis. The bars are color-coded: blue for Allocation, green for Nomination, and red for Default Allocation. A download icon (a blue circle with a white download symbol) is highlighted with an orange rectangle in the top right corner of the chart area. Below the chart, a dialog box asks "Do you want to save Alloc and Noms by Meter ID.csv (3.19 KB) from xchl0143.uk.corporg.net?". The "Save" button in this dialog is also highlighted with an orange rectangle.

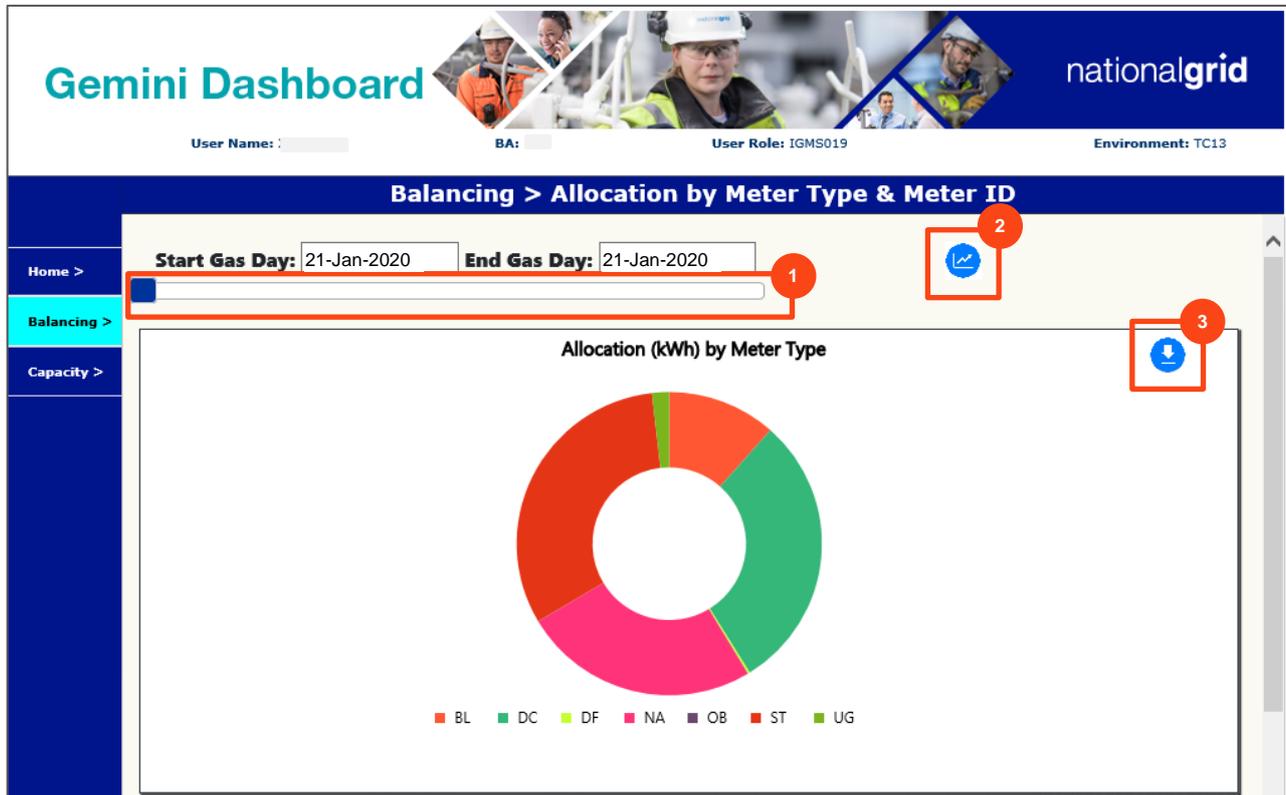
## 7.6 Balancing Dashboard: Allocation by Meter Type and Meter ID

This screen can be used to view the following for a Gas Day or a range of Gas Days:

- Allocation (kWh) by Meter Type & ID

After clicking on the **Allocation by Meter Type and Meter ID** option, the following will display:

- Allocation (kWh) by Meter Type

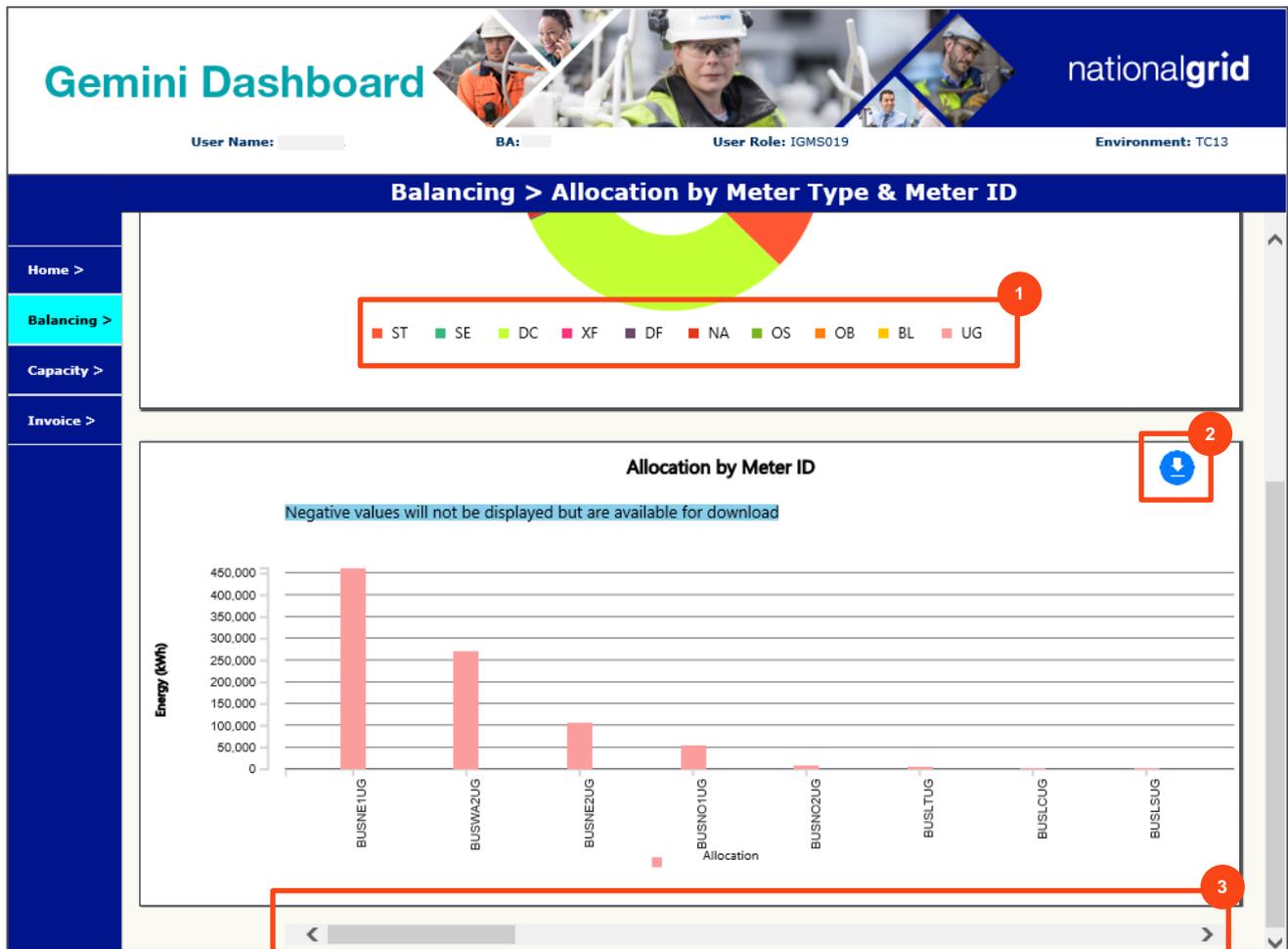


1	<b>Slider</b> bar: drag to the right to expand the range of Gas Days and left to reduce.
2	<b>Show Dashboard</b> button: click to refresh the screen after selecting the range of Gas Days
3	<b>Download chart</b> button: use to save information to <b>Excel</b>

Note: the charts only display positive values. In relation to UG negative values, these will not be displayed but are available for download.

To view the **Allocation by Meter ID** chart:

- On click of the Meter Type legend a second chart will appear displaying the below Meter ID information.



1	<b>Meter Type Legend:</b> click on meter type to generate Allocation by Meter ID chart
2	<b>Download chart</b> button: use to save information to <b>Excel</b>
3	<b>Slider</b> bar: used to narrow the selected date range

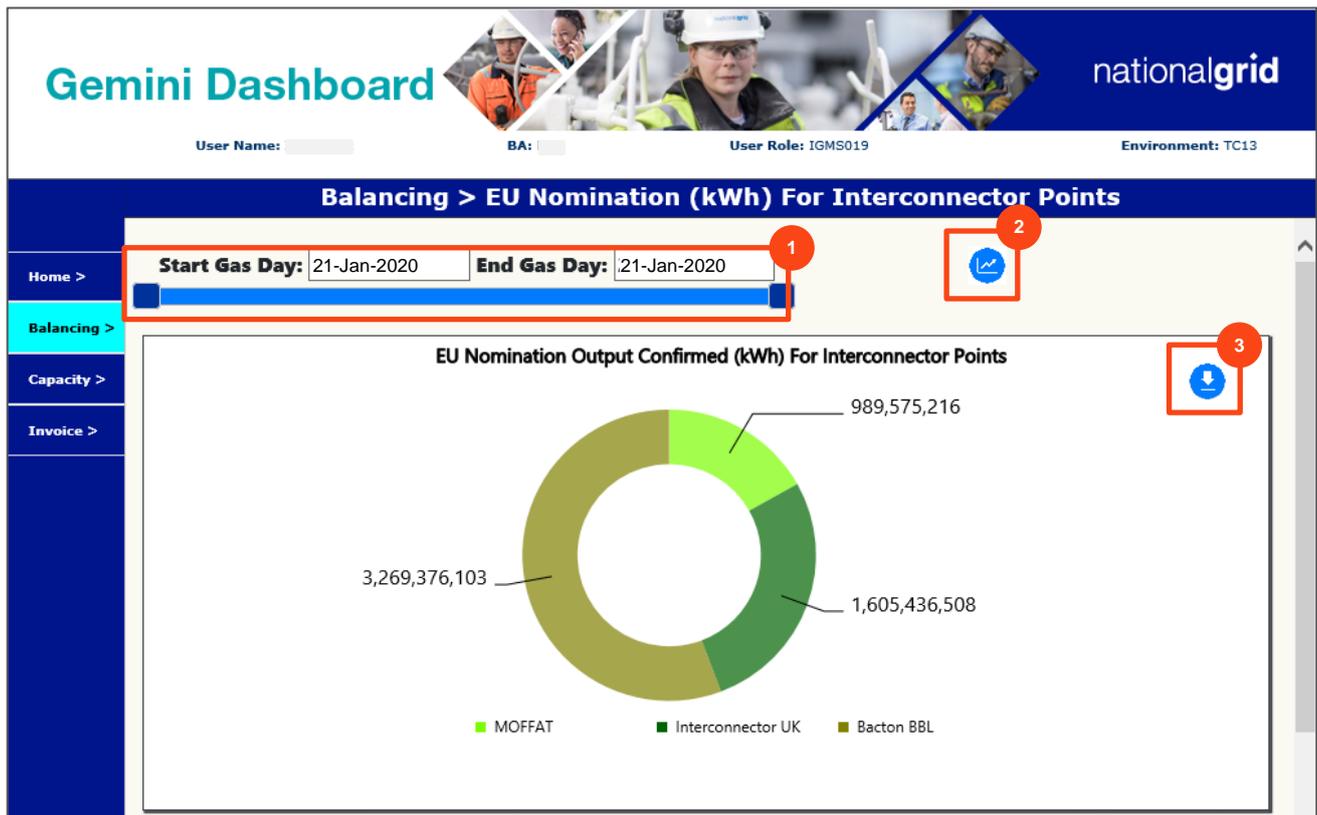
## 7.7 Balancing Dashboard: EU Nomination for Interconnector Points

This screen can be used to view the following for a Gas Day or a range of Gas Days:

- EU Nomination for Interconnector Points

After clicking on the **EU Nomination for Interconnector Points** option from the Dashboard Balancing Navigation menu, the following two charts will display:

- EU Nomination Output Confirmed (kWh) For Interconnector Points
- EU Nomination Input Confirmed (kWh) For Interconnector Points



1	<b>Slider</b> bar: drag to the right to expand the range of Gas Days and left to reduce.
2	<b>Show Dashboard</b> button: click to refresh the screen after selecting the range of Gas Days
3	<b>Download chart</b> button: use to save information to <b>Excel</b>

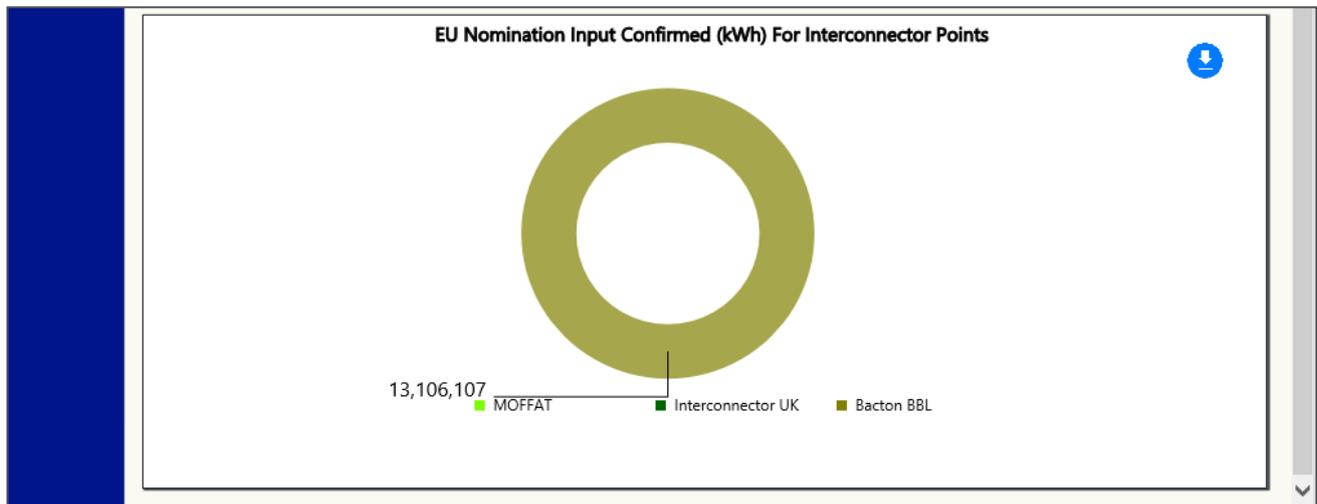
To download the **EU Nomination for Interconnector Points** information to **CSV format**:

- Click the **Download Chart** button as indicated by the orange outline
- The screen will prompt the user to save the chart information to CSV which can be opened in Excel

To view the **EU Nomination Input Confirmed (kWh) For Interconnector Points** chart:

- Scroll down at the bottom right corner of the window

The **EU Nomination Input Confirmed (kWh) For Interconnector Points** chart will display:



## 8 Gemini Dashboard Capacity Screen

### 8.1 Overview

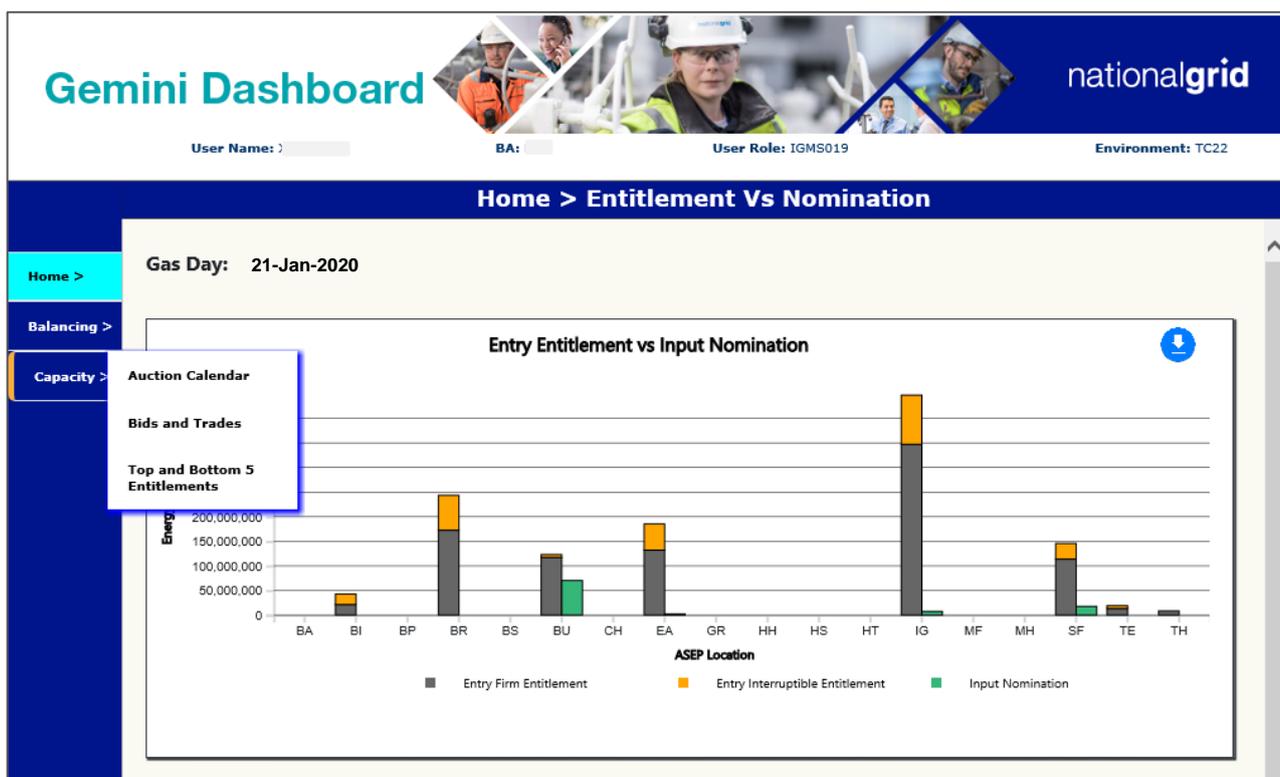
From the Dashboard Home screen a user can access the **Capacity Dashboard** using the navigation menu on the left. The Capacity Dashboard gives the facility to select a date range and view charts for the selected range.

### 8.2 Capacity Dashboard: Capacity Home Screen

To view the **Dashboard Capacity Options**:

- Click on the **Capacity** menu from the **Navigation Pane** on the left

The following list of items will display, and these options are explored individually on the following pages:



## 8.3 Capacity Dashboard: Auction Calendar

The **Auction Calendar screen** can be used to view the following

- **Live and Upcoming Auctions Dashboard**
- **Invoicing and Billing Calendar**

The relevant Auctions are displayed under the headings Within Day, Day-Ahead, Monthly, Quarterly and Yearly.

After clicking on the Auction Calendar option from the Dashboard Capacity Navigation menu, the following will display:

**Gemini Dashboard** nationalgrid

User Name: BA: User Role: IGMS006 Environment: TC12

**Capacity > Auction Calendar**

Gas Day: 10-Mar-2021

**Auction Calendar**

Within-Day Day-Ahead Monthly Quarterly Yearly

Capacity/ Auction Type	Status	Process Time	Bid Window	Publish Window
WDDSEC	Live	D-0 06:00 to D-0 02:00	D-1 02:00 to D-0 01:00	N.A
IPWDDSEC	Live	D-1 01:30 to D-0 01:00	N.A	D-1 16:45
WDDNEX	Live	D-0 07:45 to D-0 02:00	D-1 14:00 to D-0 00:00	D-1 06:00

1

**Download chart** button: use to save information to **Excel**

To download the **Auction Calendar** information to **CSV format**:

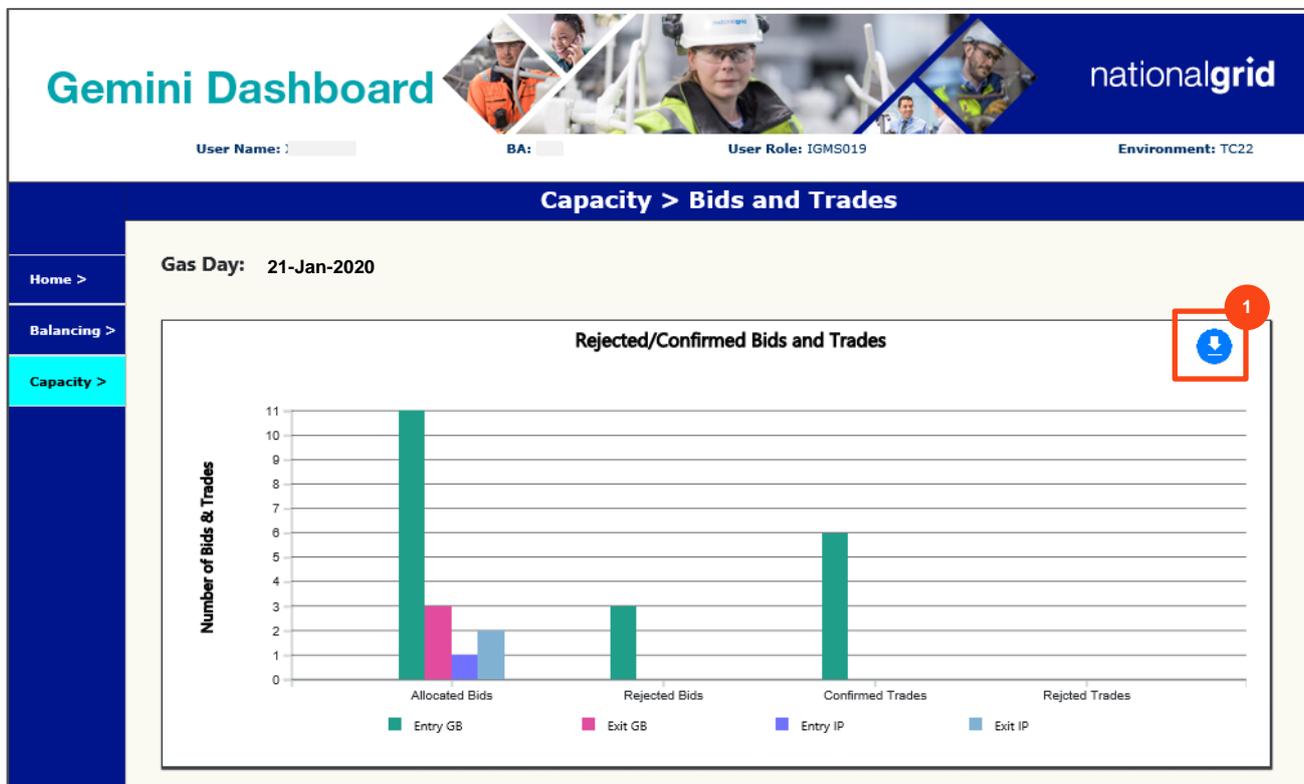
- Click the **Download Chart** button as indicated by the orange outline
- The screen will prompt the user to **save** the chart information in CSV format which can be opened in Excel

## 8.4 Capacity Dashboard: Bids and Trades

The **Bids and Trades screen** can be used to view the following:

- Live Bids vs Capacity Trade Chart

After clicking on the **Bids and Trades** option from the Dashboard Capacity Navigation menu, the following **Rejected/Confirmed Bids and Trades** screen will display:



Note that, Rejected/Confirmed Bids and Trades that are logged as on current Gas Day in the Gemini and Exit systems will display on the chart.

- X-axis consists of Allocated Bids, Rejected Bids, Confirmed Capacity Trades and Rejected Capacity Trades
- Y-axis consists of Number of Requests
- Entry GB is represented by the green bar; Exit GB represented by the pink bar
- Entry IP is represented by the purple bar, Exit IP represented by the teal bar

1

**Download chart** button: use to save information to **Excel**

To download the **Rejected/Confirmed Bids and Trades** information to **CSV** format:

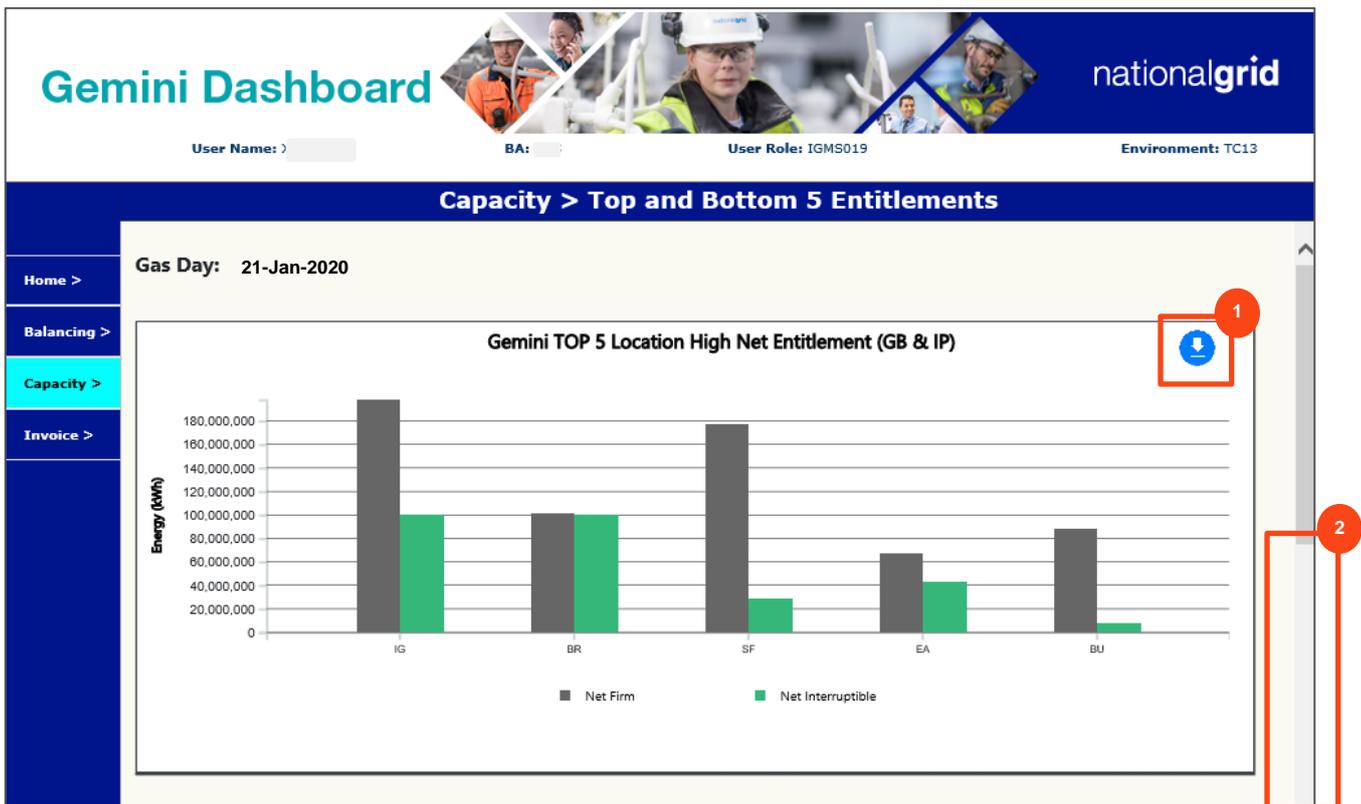
- Click the **Download Chart** button as indicated by the orange outline
- The screen will prompt the user to save the chart information in CSV format which can be opened in Excel.

## 8.5 Capacity Dashboard: Top and Bottom 5 Entitlements

The **Top and Bottom 5 Entitlements** screen on the Capacity Dashboard can be used to view the following:

- Gemini TOP 5 Location High Net Entitlement (GB & IP)
- Exit TOP 5 Location High Net Entitlement (GB & IP)
- Gemini BOTTOM 5 Location Low Net Entitlement (GB & IP)
- Exit BOTTOM 5 Location Low Net Entitlement (GB & IP)

After clicking on the **Top and Bottom 5 Entitlements** option from the Dashboard Capacity Navigation menu, the following screen will display with 4 charts:



This screen contains the following chart features:

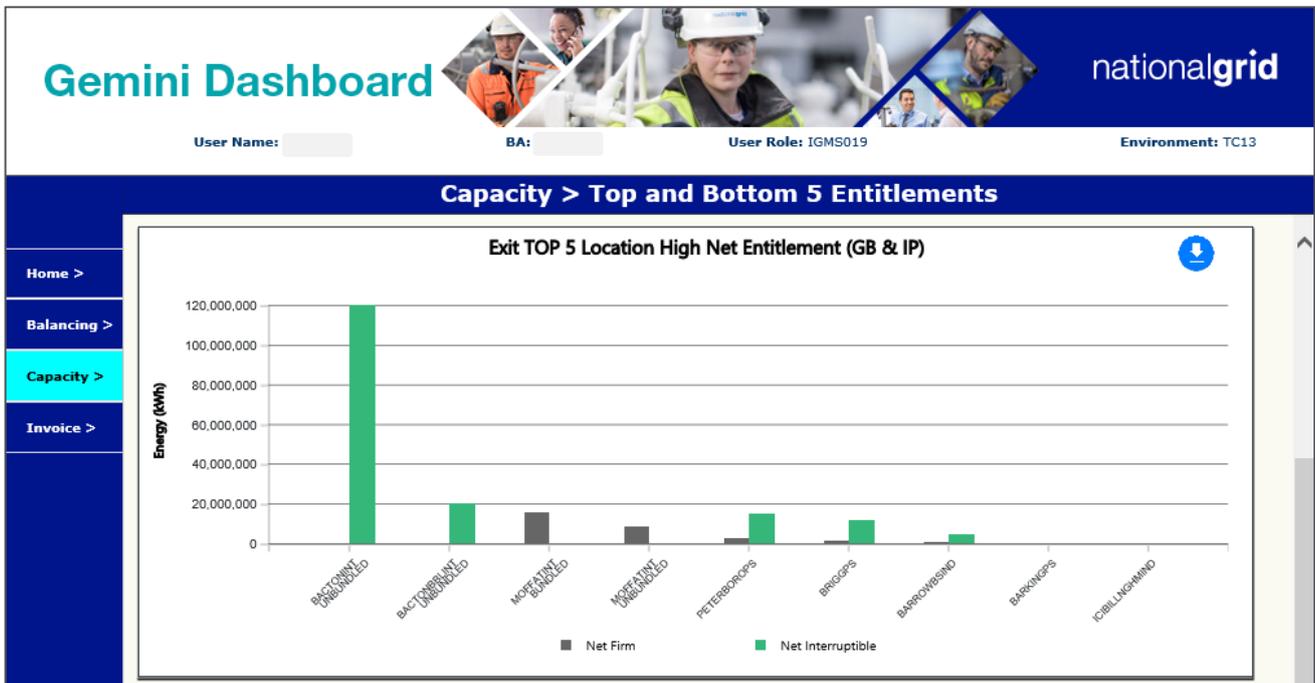
- X-axis: Net firm and Net Interruptible by Location
- Y-axis: Energy (kWh)

1	<b>Download chart</b> button in each chart: use to save information to <b>Excel</b>
2	<b>Use the Scroll bar</b> to move to other charts

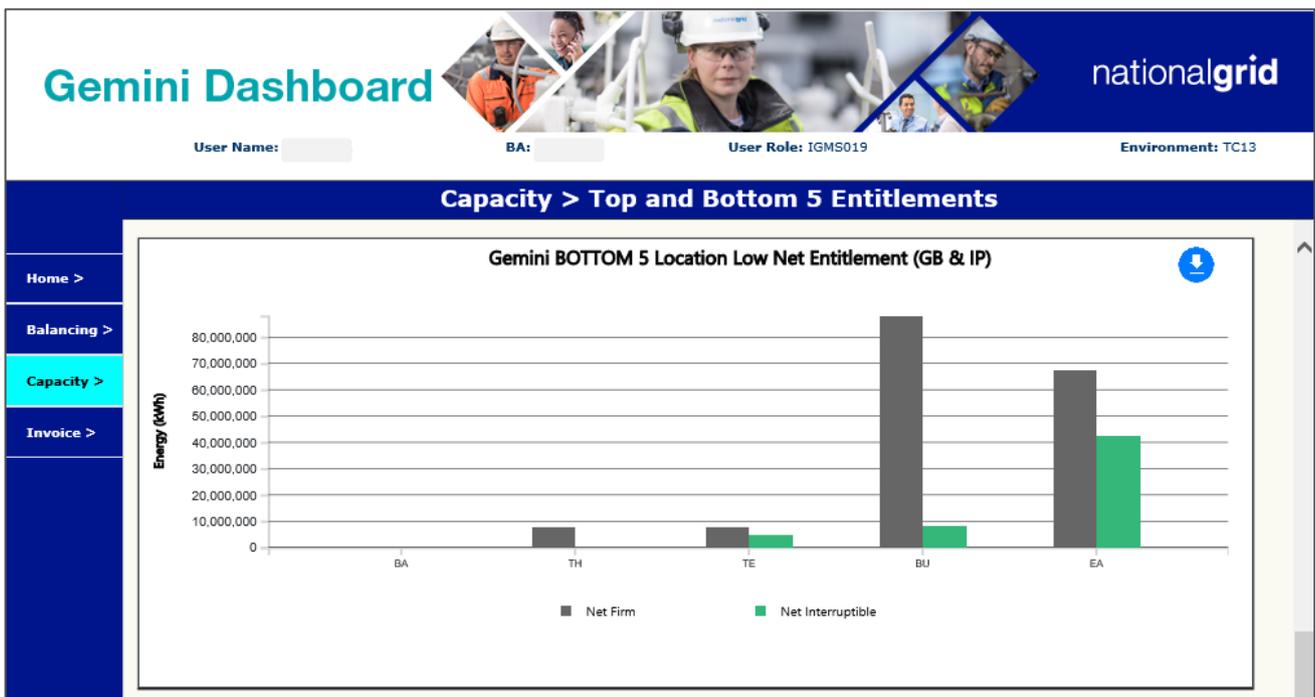
To download the **chart** information to **CSV format**:

- Click the **Download Chart** button as indicated by the orange outline
- The screen will prompt the user to save the chart information in CSV format which can be opened in Excel

## Exit TOP 5 Location High Net Entitlement (GB & IP)



## Gemini BOTTOM 5 Location Low Net Entitlement (GB & IP)



# Exit BOTTOM 5 Location Low Net Entitlement (GB & IP)

Gemini Dashboard

User Name: 
BA: 
User Role: IGMS019
Environment: TC13

Capacity > Top and Bottom 5 Entitlements

[Home >](#)  
[Balancing >](#)  
[Capacity >](#)  
[Invoice >](#)

Capacity > Top and Bottom 5 Entitlements

Location	Net Firm (kWh)	Net Interruptible (kWh)
BA	0	0
TH	~8,000,000	0
TE	~8,000,000	~4,000,000
BU	~48,000,000	~8,000,000
EA	~48,000,000	~42,000,000

Exit BOTTOM 5 Location Low Net Entitlement (GB & IP)

Location	Net Firm (kWh)	Net Interruptible (kWh)
MORFANT	~8,000,000	0
MORFANT	~15,000,000	0
BACTONINT	~20,000,000	~20,000,000
BACTONINT	0	~100,000,000
BARKINGPS	0	0
ICBILLINGMIND	0	0
KINGSLYNPPS	0	0
LANGAGEPS	0	0
MEDWAYPS	0	0

National Grid

31

## 9 Gemini Dashboard Invoice Screen

### 9.1 Overview

From the Dashboard Home screen a user can access the **Invoice Dashboard** using the navigation menu on the left. The Invoice Dashboard gives the facility to view the invoices schedule.

### 9.2 Invoice Screen

The **Invoice screen** can be used to view the following:

- **Invoicing Calendar**

After clicking on the Schedule of Invoices Calendar option the following will display:

The screenshot shows the Gemini Dashboard interface. At the top, there is a header with the Gemini Dashboard logo, user information (User Name, BA, User Role: IGMS019, Environment: TC13), and the nationalgrid logo. Below the header is a navigation bar with the text "Invoice > Schedule of Invoices Calendar". On the left side, there is a vertical navigation menu with options: Home >, Balancing >, Capacity >, and Invoice > (highlighted in blue). The main content area displays "Gas Day: 21-Jan-2020" and a "Billing Calendar" section. The Billing Calendar section contains a calendar for November 2020 and a "Scheduled Invoice" section. The calendar shows the date 25th of November highlighted in green. The "Scheduled Invoice" section displays the following information:

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

**Scheduled Invoice**  
25-Nov-2020  
Entry Commodity Invoice (ECO)  
- M+18

A blue download icon (a blue circle with a white download symbol) is located in the top right corner of the Billing Calendar section, highlighted with an orange outline.

To download the **calendar** information to **CSV format**:

- Click the **Download** button as indicated by the orange outline
- The screen will prompt the user to save the chart information in CSV format which can be opened in Excel

## 10 Entitlements Modifications

### 10.1 Overview

The **Entitlements Screen** in Gemini is used by National Grid and Shippers for the following purposes:

- displaying the **Entitlements at each Location** (Interconnector Point & GB)

**Audience:** National Grid, Shippers

**Screen path:** Home>Product>Entitlements-Net

Modifications to the Entitlements Screen include the following:

- **'ALL' option** and multiple select in Location field
- **new column 'Location'** in display criteria
- Excel report option on click of **Generate Report** button
- Ability to display only valid Zero Entitlement

These are explained in detail in the following pages.

## 10.2 Entitlements Screen

The screenshot and table describe the modifications that have been made to the **Entitlements Screen**:

Gas Day	Location	Bundled/Unbundled	Net Capacity(kWh)	Action	Net Firm (kWh)	Action	Net Interruptible (kWh)	Action	Net Scaled Interruptible(kWh)	Action
	BA	Unbundled	0	V	0	V	0	V	0	V
	BI	Unbundled	17,658,504	V	0	V	17,658,504	V	17,658,504	V
	BR	Unbundled	200,900,000	V	100,900,000	V	100,000,000	V	100,000,000	V
	BU	Unbundled	103,256,093	V	88,972,373	V	14,283,720	V	14,283,720	V
	EA	Unbundled	125,656,038	V	86,456,943	V	39,199,095	V	39,199,095	V
	IG	Unbundled	347,080,000	V	247,080,000	V	100,000,000	V	100,000,000	V
	SF	Unbundled	117,304,659	V	90,464,618	V	26,840,041	V	26,840,041	V
	TE	Unbundled	11,325,281	V	7,831,513	V	3,493,768	V	3,493,768	V
	TH	Unbundled	7,900,000	V	7,900,000	V	0	V	0	V
	BA	Unbundled	0	V	0	V	0	V	0	V
	BR	Unbundled	200,900,000	V	100,900,000	V	100,000,000	V	100,000,000	V
	BU	Unbundled	103,260,621	V	88,260,621	V	15,000,000	V	15,000,000	V
	EA	Unbundled	122,934,488	V	82,060,878	V	40,873,610	V	40,873,610	V

1	Users can query Entitlement values for multiple <b>Locations</b> or use the <b>ALL</b> option
2	Users can view <b>Multiple Locations</b>
3	Only valid zero entitlements will be displayed. A Valid Entitlement is non-zero entitlement or the sum of the aggregated value of Long Term, Short Term, Trade, Buy Back and Surrender is zero.  Invalid Entitlement is when a user had zero entitlement without having any capacity and all aggregated columns have zero value.
4	Use the <b>Generate Report</b> button to generate a report in Excel, CSV or PDF formats

### 10.3 Entitlements Report

To **generate a report** in Excel, CSV or Formatted (PDF) formats:

- Click the **Generate Report** button on the Entitlements screen

The screen below illustrates a sample **Formatted** report:

Entitlements							
Product Type: ENTRY CAPACITY				Aggregate: No			
Type Of Bundled: Both				Period From: <input type="text"/>		Period To: <input type="text"/>	
Gas Day	Location	Parent BA	Bundled/Unbundled	Net Capacity (kWh)	Net Firm (kWh)	Net Interruptible (kWh)	Net Scaled Interruptible
	Bacton UKCS		Unbundled	63,534,645	-1,465,355	65,000,000	65,000,000
	CHESHIRE STORAGE		Unbundled	3,000,000	3,000,000	0	0
	EASINGTON		Unbundled	25,594,026	0	25,594,026	25,594,026
	EASTERN LDE		Unbundled	25,594,026	0	25,594,026	25,594,026
	ISLE OF GRAIN LJ		Unbundled	157,700,000	101,700,000	56,000,000	56,000,000
	ST FERGUS		Unbundled	123,121,620	55,100,000	68,021,620	68,021,620
	TESSIDE		Unbundled	52,817,914	33,898,888	18,919,026	18,919,026
	Bacton UKCS		Unbundled	63,534,645	-1,465,355	65,000,000	65,000,000
	CHESHIRE STORAGE		Unbundled	3,000,000	3,000,000	0	0
	EASINGTON		Unbundled	25,846,682	0	25,846,682	25,846,682
	EASTERN LDE		Unbundled	25,846,682	0	25,846,682	25,846,682
	ISLE OF GRAIN LJ		Unbundled	135,719,675	79,719,675	56,000,000	56,000,000
	ST FERGUS		Unbundled	113,057,904	45,100,000	67,957,904	67,957,904
	TESSIDE		Unbundled	42,750,772	-781,766	43,532,538	43,532,538

### 10.4 Viewing Valid Entitlements

To view **Valid Entitlements**:

- Click the desired **V** button

A further screen will display showing Valid Entitlements as illustrated below:

Entitlements										
Product Type*: ENTRY CAPACITY			BA Code: XXX			BA Abbr. Name: XXXX		BA Name: XXX XXXXX XXX		
Location*: AL			Period From*: <input type="text"/>		Period To*: <input type="text"/>					
Selected Business Associate : XXX			Type of Bundled : Unbundled				Selected Gas Day :			
Location	Gas Day	BA	Bundled/Unbundled	Long Term (kWh)	Short Term (kWh)	Net Trades (kWh)	Allocated /Exercised Buyback	Surrender (kWh)	Net CMP Surrender/LTUIOLI(kWh)	Net Total
AL		XXX	Unbundled	5000	0	0	0	5000	0	0

# 11 Bid Information

## 11.1 Overview

The **Bid Information Screen** in Gemini is used by National Grid and Shippers for the following purposes:

- displaying the status of a bid and its information for all Auctions and Contracts

**Audience:** National Grid, Shippers

**Screen path:** Home>Deal>Bid Capture Reports>Bid Information

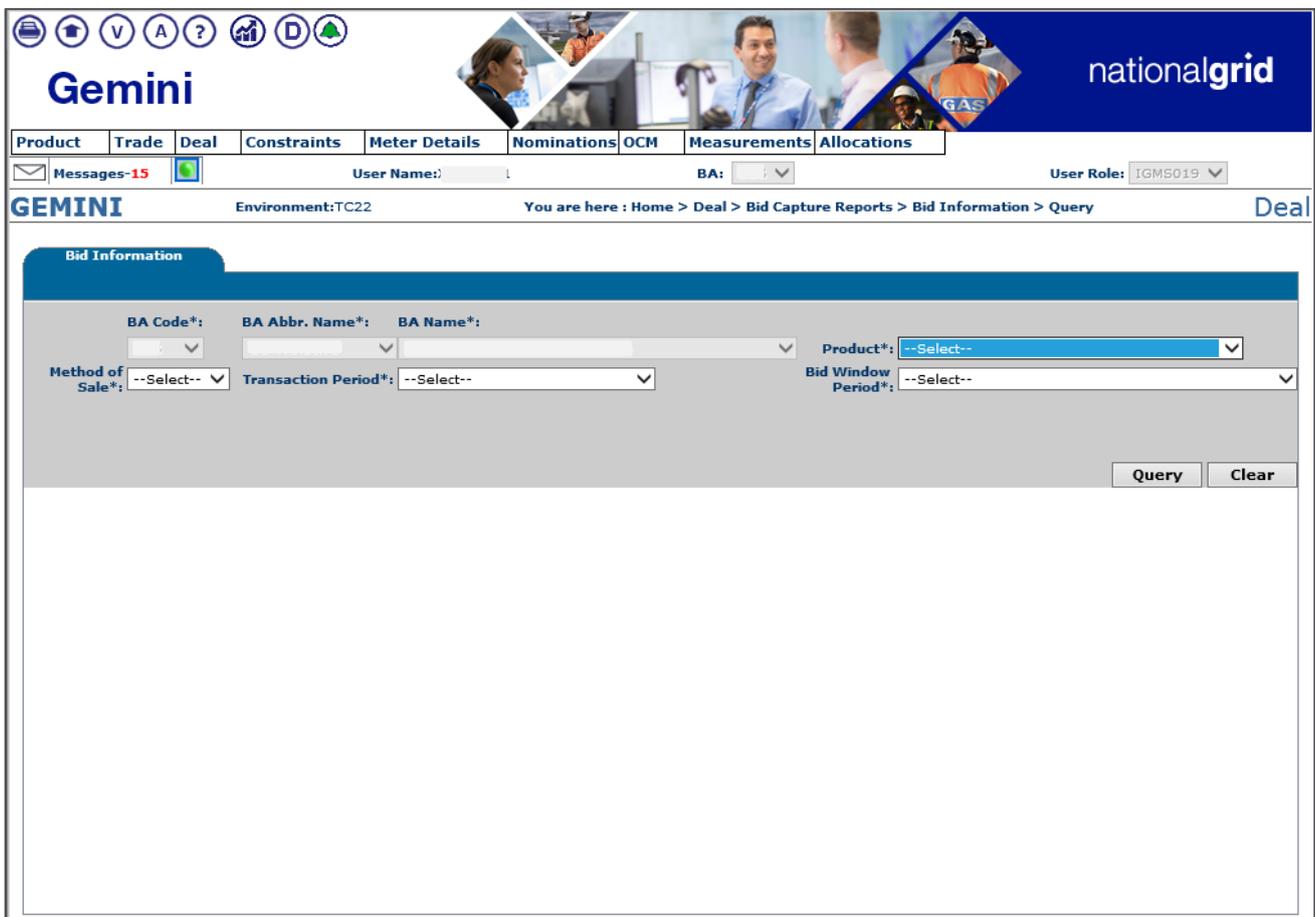
Modifications to the Bid Information Screen include the following:

- **Multiple select** in Location field
- Renaming of 'Loc' column to 'Location' in query output
- Excel report option on click of **Generate Report** button

These are explained in detail in the following pages.

## 11.2 Bid Information Screen

The screenshots and table describe the modifications that have been made to the Bid Information Screen.



After running your query the Bid Information screen will populate as in the example. Modifications to this screen are outlined below:

The screenshot shows the Gemini Bid Information interface. At the top, there are navigation icons and the Gemini logo. Below that, a menu bar includes Product, Trade, Deal, Constraints, Meter Details, Nominations, OCM, Measurements, and Allocations. A status bar shows Messages-15, User Name, BA, and User Role (IGMS019). The main header displays 'GEMINI Environment:TC22' and a breadcrumb trail: 'You are here : Home > Deal > Bid Capture Reports > Bid Information > Query Deal'.

The 'Bid Information' section contains several filters:
 

- BA Code\*, BA Abbr. Name\*, BA Name\* (dropdowns)
- Method of Sale\*: IPDISEC
- Transaction Period\*: 01-Apr-2020 to 31-Mar-2021
- Product\*: ENTRY CAPACITY INTERRUPTIBLE PRIMARY
- Location\*: BI MF (dropdown menu)
- Gas Day From\*: 01-Jan-2021
- To\*: 21-Jan-2021
- Bid Status\*: --All-- (dropdown menu)

Below the filters is a table with the following columns: Location, Sub Transaction Period, BA, Bid Capacity (kWh/day), Min Qty. (kWh/day), Entitlement (kWh/day), Bid Price (p/kWh/day), and Clearing Price (p/kWh/day). The table contains multiple rows of data, with a 'Total' row at the bottom. A 'Generate Report' button is located at the bottom right of the table area.

1	Users can view Bid Information for <b>Multiple Locations</b> .
2	<b>Location</b> column renamed from 'Loc' to 'Location'
3	Use the <b>Generate Report</b> button to generate a report in <b>Excel</b> , CSV or PDF formats

## 11.3 Bid Information Detail Report

The **Bid Information Detail Report** in Gemini is a new screen and used for the following purposes:

- displaying bid information for the **Method of Sale** instances and the status of each bid
- the report will be available during and after the closure of the relevant Bid / Offer window. Every Bid / Offer will be uniquely identified in the system.

**Audience:** National Grid, Shippers

**Screen path:** Home>Deal>Bid Capture Reports>Bid Information Detail Report

The **Bid Information Detail Report Screen** includes the following:

- **Displaying bid information** and status (e.g. ALL, Exercised, Invoiced, Pending, Recalled, Terminated, New, Withdrawn, Rejected and Allocated).
- Excel report option on click of **Generate Report** button

The screenshot and table describe the features of the Bid Information Detail Report:

1	Users can view Bid Information for a <b>specified date range</b> for all Product Types and Methods of Sale
2	Users can view Bid Information for <b>Multiple Locations</b>
3	User can select <b>Bid Status</b>
4	Use the <b>Generate Report</b> button to generate a report in Excel, CSV or PDF formats

## 12 Request Information Detail Report (Exit)

### 12.1 Overview

The **Request Information Detail Report** in Gemini Exit is a new screen that will be used by National Grid and Shippers for the following purposes:

- displaying Request Information for the Method of Sale
- displaying the status of each of the requests
- for NTS Exit Flat Capacity Auctions the report will show the indicative prices and actual prices
- For Interconnector Points the Legacy Actual Price (Non-IP MoS) for the period the application is requested for will be displayed
- The report will separate out normal applications from the Deemed Application requests in the Enduring Annual Application window
- The users against whom the Deemed Applications are placed will be able to view the history of any of their application quantity changes during the Enduring Annual Window or the DN Adjustment Window

**Audience:** National Grid, Shippers

**Application:** Gemini Exit

**Screen path:** Home>Deal>Capture>Request Information>Request Information Detail Report

### 12.2 Request Information Detail Report Screen

The **Request Information Detail Report** Screen includes the following:

- Displaying request information (e.g. BA, Locations, and Period From and To)
- Excel, CSV or PDF report option on click of Generate Report button

The screenshot shows the Gemini Exit interface for the Request Information Detail Report. The page header includes the Gemini Exit logo, navigation icons, and the nationalgrid logo. Below the header is a navigation bar with tabs for Contract, Product, Publish, Deal, and Constraints. The main content area is titled 'Request Information Detail Report' and contains several input fields and controls:

- 1**: A red box highlights the input fields for BA Code, BA Abbr. Name, and BA Name.
- 2**: A red box highlights the 'Available' and 'Selected' location selection area, which includes a list of locations (ABERDEENOT, ABERNEDDPS, AIRPRODUCTSIND, ALDBROUGHSTOR, ALREWASEMOT) and 'Add' and 'Remove' buttons.
- 3**: A red box highlights the 'Request Status' dropdown menu, which has options for Allocated, New, and Rejected.
- 4**: A red box highlights the 'Generate Report' button.
- 5**: A red box highlights the 'Period From' and 'Period To' date selection fields.

1	Shipper <b>BA Code and Details</b> will display
2	Select <b>locations</b> as required
3	<b>Request Status</b> – select from Allocated/New/Rejected/Withdrawn
4	Use the <b>Generate Report</b> button to generate a report in Excel, CSV or PDF formats
5	Select the <b>Period From and To</b>

## 13 Trade Details

### 13.1 Overview

The **Trade Details screen** in Gemini is used by shippers for the following purposes:

- displaying information related to trades received from Gemini.

**Audience:** National Grid, Shippers

**Screen path:** Home>Trade>Entry Capacity Trade>Trading

Modifications to the Trade Details screen include the following:

- new **Generate Report** functionality

### 13.2 Trade Details Screen

The **Trade Details** screen will display:

The screenshot displays the Gemini Trade Details screen. At the top, there is a navigation bar with the Gemini logo and 'nationalgrid' branding. Below the navigation bar is a menu with options: Product, Trade, Deal, Constraints, Meter Details, Nominations, OCM, Measurements, and Allocations. A status bar shows 'Messages-15', 'User Name:', 'BA:', and 'User Role: IGMS019'. The main content area is titled 'Trade Details' and contains a search form with fields for Product Type\*, Service Type\*, BA, Location\*, Period From\*, Trade Reference, Product Category\*, Abbreviated BA Name, Status, Period To\*, and Bid ID. There are 'Query' and 'Clear' buttons. At the bottom, there is a row of buttons: Generate Report, Add, Withdraw, Confirm, Reject, and View.

# 14 OCM/OTC Trade Details (On-the-day Commodity Market / Over The Counter)

## 14.1 Overview

The **OCM/OTC Trade Details** screen in Gemini is used by shippers for the following purposes:

- displaying information related to trades conducted by the user and their status for a gas day

**Audience:** National Grid, Shippers

**Screen path:** Home>OCM>Trade Details>OCM/OTC Trade Details

Modifications to the OCM/OTC Trade Details screen include the following:

- new **Generate Report** functionality

## 14.2 OCM/OTC Trade Details Screen

The **OCM/OTC Trade Details** screen will display:

The screenshot shows the Gemini OCM/OTC Trade Details screen. At the top, there's a navigation bar with the Gemini logo and National Grid branding. Below that, there are tabs for Product, Trade, Deal, Constraints, Meter Details, Nominations, OCM, Measurements, and Allocations. The main content area has a search bar with fields for BA#, Gas Day\* (21-Jan-2020), Matched (dropdown), Requested Status (dropdown), and Order By (Buy BA). There are also radio buttons for Ascending and Descending sorting, and a 'Number of rows: 7' indicator. A 'Query' and 'Clear' button are present. The table below shows trade details for Buy and Sell orders. The 'Generate Report' button is highlighted with a red box and a circled '1'.

Buy					Sell				
BA	Requested Energy	Requested Status	Reason Code	Scheduled Energy	BA	Requested Energy	Requested Status	Reason Code	Scheduled Energy
	0	A		0		0	A		0
	31,709,989	A		31,709,989		31,709,989	A		31,709,989
	22,156,168	A		22,156,168		22,156,168	A		22,156,168
	62,943,000	A		62,943,000		62,943,000	A		62,943,000
	27,581,016	A		27,581,016		27,581,016	A		27,581,016
	14,067,408	A		14,067,408		14,067,408	A		14,067,408
	123,090	A		123,090		123,090	A		123,090

1 Use the **Generate Report** button to generate a report in Excel, CSV or PDF formats

## 15 EU Nominations

### 15.1 Overview

The **EU Nominations** screen in Gemini is used by shippers for the following purposes:

- displaying nomination details by TSO

**Audience:** National Grid, Shippers

**Screen path:** Home>Nominations>EU Nominations>EU Nominations

Modifications to the EU Nominations screen include the following:

- **Sorting** functionality (covered in a separate section)
- **Tooltips** providing descriptions for **Status Codes** and **Reason Codes**

### 15.2 EU Nominations Screen

The **EU Nominations** screen will display:

The screenshot displays the Gemini EU Nominations screen. The top navigation bar includes the Gemini logo and the nationalgrid logo. Below the navigation bar is a menu with tabs for Product, Trade, Deal, Constraints, Meter Details, Nominations (selected), DCM, Measurements, and Allocations. A user information bar shows 'Messages: 15', 'User Name:', 'BA:', and 'User Role: JGMS019'. The main content area is titled 'EU Nominations' and contains a search and filter form. The form includes fields for BA, Nomination Type (set to --ALL--), Start Date\*, End Date\*, Connection Point (set to --ALL--), External Account TSO EIC (set to --ALL--), Unit (set to kWh/d), and Gas Direction (set to --ALL--). There are also 'Sort By' options (set to Connection Point) and radio buttons for 'Ascending' and 'Descending'. At the bottom of the form are 'Query' and 'Clear' buttons. Below the form is a large empty table area. At the bottom right of the screen are 'Generate Report' and 'Update' buttons.

After entering criteria and performing a query, the results will display:

The screenshot shows the Gemini Nominations interface. At the top, there are navigation tabs: Product, Trade, Deal, Constraints, Meter Details, Nominations (selected), OCM, Measurements, and Allocations. Below the tabs, there are fields for Messages (15), User Name, BA, and User Role (IGMS019). The main header displays 'GEMINI Environment: TC12' and 'You are here: Home > Nominations > EU Nominations > EU Nominations'. The 'Nominations' section is active, showing a table of EU nominations. The table has columns: Amount TSO, External Account, Gas Direction, Start Date & Time, End Date & Time, Nominated Quantity kWh/d, Processed Quantity kWh/d, Confirmed Quantity kWh/d, Meter ID, Status Code, Reason Code, and Action. The table contains several rows of data, including one with a 'Confirmed' status. Red callouts are present: 1 points to the 'Sort By' dropdown menu (set to 'Connection Point') and the 'Ascending' radio button; 2 points to the 'Status Code' column; 3 points to the 'Reason Code' column; and 4 points to the 'Generate Report' button at the bottom right.

1	Users can sort the query output based upon the selection from the <b>Sort By</b> drop down and can view the output in <b>Ascending</b> or <b>Descending</b> order
2	Users can view the description of the <b>Status Code</b> as a tooltip
3	Users can view the description of the <b>Reason Code</b> as a tooltip
4	Use the <b>Generate Report</b> button to generate a report in Excel, CSV or PDF formats

## 16 Allocation Details by ASEP/Meter Type

### 16.1 Overview

The **Allocation Details by ASEP/Meter Type screen** in Gemini is used by shippers for the following purposes:

- displaying Allocation detail at Meter Type and ASEP Level.

**Audience:** National Grid, Shippers

**Screen path:** Home>Allocations>Allocation Details>By ASEP/Meter Type

Modifications to the Allocation Details by ASEP/Meter Type screen include the following:

- **Generate Report** functionality

### 16.2 Allocation Details by ASEP/Meter Type Screen

The **Allocation Details by ASEP/Meter Type** screen will display. After entering criteria and performing a query, the results will display:

The screenshot shows the Gemini Allocation Details by ASEP/Meter Type screen. The interface includes a navigation bar with the Gemini logo and nationalgrid branding. Below the navigation bar, there are tabs for Product, Trade, Deal, Constraints, Meter Details, Nominations, OCM, Measurements, and Allocations. The current screen is titled "Allocation Details By ASEP / Meter Type".

Search criteria include:

- Gas Day From\*: 21-Jan-2020
- Gas Day To\*: 22-Jan-2020
- Input / Output: Input
- Meter Type: ASEP
- BA: [Empty]
- ASEP: CB-CANONBIE, CH-CHESHIRE STORAGE, CT-CAYTHORPE ONSHORE
- Selected: AB-AVONMOUTH BOILOFF, AL-ALDBROUGH STORAGE, AV-AVONMOUTH LNG

A table displays the allocation data:

Select	ASEP	Entry Zone	Nomination ( kWh )	Allocation ( kWh )	Opposite Flow ( kWh )	Net Allocation ( kWh )
<input type="checkbox"/>	BI	BIP	0	0	0	0
<input type="checkbox"/>	BP	BUR	0	0	0	0
<input type="checkbox"/>	BR	BAR	0	0	0	0
<input type="checkbox"/>	BS	HGW	0	0	0	0
<input type="checkbox"/>	BU	BUK	118,712,724	116,816,535		116,816,535
Total:			118,712,724	116,816,535		116,816,535

Buttons: Query, Clear, Add, Remove, Generate Report, View.

1

Use the **Generate Report** button to generate a report in Excel, CSV or PDF formats

# 17 Allocation Details by LDZ/Meter Type

## 17.1 Overview

The **Allocation Details by LDZ/Meter Type screen** in Gemini is used by shippers for the following purposes:

- displaying Allocation detail at LDZ and Meter Type level.

**Audience:** National Grid, Shippers

**Screen path:** Home>Allocations>Allocation Details>By LDZ/Meter Type

Modifications to the Allocation Details by LDZ/Meter Type screen include the following:

- **Generate Report** functionality

## 17.2 Allocation Details by LDZ/Meter Type Screen

The **Allocation Details by LDZ/Meter Type** screen will display. After entering criteria and performing a query, the results will display:

**Allocation Details By LDZ / Meter Type**

Gas Day From\*: 21-Jan-2020 Gas Day To\*: 22-Jan-2020 Input / Output: Output Meter Type:  LDZ / NTS

BA: [ ]

Available: LO-OBAN (IU) LDZ, LS-STRAINRAER (IU) LDZ, LT-THURSO (IU) LDZ

Selected: EA-EASTERN LDZ, EM-EAST MIDLANDS LDZ, LC-CAMPBELTOWN (IU) LDZ

Select	LDZ	Nomination ( kWh )	Allocation ( kWh )	Opposite Flow ( kWh )	Net Allocation ( kWh )
<input type="checkbox"/>	EA	12,728,317	12,943,796		12,943,796
<input type="checkbox"/>	EM	19,701,015	19,259,885		19,259,885
<input type="checkbox"/>	LC	16,488	33,245		33,245
<b>Total:</b>		<b>32,445,820</b>	<b>32,236,926</b>		<b>32,236,926</b>

Buttons: Query, Clear, Generate Report, View, Cancel

1 Use the **Generate Report** button to generate a report in Excel, CSV or PDF formats

## 18 Nominations

### 18.1 Overview

The **Nominations screen** in Gemini is used by shippers for the following purposes:

- displaying nomination details

**Audience:** National Grid, Shippers

**Screen path:** Home>Nominations>Nominations

Modifications to the Nominations screen include the following:

- **Sorting** functionality (covered in a separate section)
- Addition of **Counter Party BA** and **Trade/Non-Trade** column in the query result

### 18.2 Nominations Screen

The **Nominations** screen will display based upon the Query data entered:

The screenshot shows the Gemini Nominations interface. At the top, there's a navigation bar with 'Product', 'Trade', 'Deal', 'Constraints', 'Meter Details', 'Nominations OCM', 'Measurements', and 'Allocations'. Below this, there are search filters for 'Rate Schedule', 'Service Id', 'Eff Start Date', and 'Eff End Date'. A 'Sort By' dropdown is set to 'Activity Number' with 'Ascending' order selected. The main table displays nomination data with columns for Activity Number, SF, Meter Id, Counter Party BA, Trade/Non-Trade, Requested Energy(kWh), Status, Scheduled Energy(kWh), Status, Reason Code, Opp Flow, and Action. A 'Generate Report' button is visible in the top right corner of the table area.

Activity Number	SF	Meter Id	Counter Party BA	Trade/Non-Trade	Requested Energy(kWh)	Status	Scheduled Energy(kWh)	Status	Reason Code	Opp Flow	Action
000001				Trade	42,846,687	A	42,846,687	A		N	V
000052				Non - Trade	2,211,609	A	2,211,609	A		N	V
000054				Non - Trade	16,298,285	A	16,298,285	A		N	V
000056				Non - Trade	2,036,533	A	2,036,533	A		N	V
000058				Non - Trade	0	A	0	A		N	V
000070					437,277	A	437,277	A		N	V
<b>Total:</b>					<b>202,955,025</b>		<b>202,955,025</b>				

1	Users can sort the query output based upon the selection from the <b>Sort By</b> drop down and can view the output in <b>Ascending</b> or <b>Descending</b> order
2	Users can view <b>Counter Party BA</b> and <b>Trade/Non-Trade</b> columns in the query result
3	Use the <b>Generate Report</b> button (top right-hand corner) to generate a report in Excel, CSV or PDF formats

# 19 Renominations

## 19.1 Overview

The **Renominations screen** in Gemini is used by shippers for the following purposes:

- displaying **Renomination** details

**Audience:** National Grid, Shippers

**Screen path:** Home>Nominations>Renominations

Modifications to the **Renominations** screen include the following:

- **Sorting** functionality (covered in a separate section)
- Addition of **Counter Party BA** and **Trade/Non-Trade** column in the query result

## 19.2 Renominations Screen

The **Renominations** screen will display based upon the Query data entered:

The screenshot shows the Gemini Renominations screen. At the top, there is a navigation bar with the Gemini logo and nationalgrid branding. Below this is a menu bar with options like Product, Trade, Deal, Constraints, Meter Details, Nominations OCM, Measurements, and Allocations. The main content area is titled 'Renominations' and contains a search and filter section with fields for BA, Rate Schedule, View By, Search, and Sort By. The Sort By dropdown is set to 'Activity Number' and is highlighted with a red box and a '1'. Below the search section is a table with columns: Activity Number, SF, Meter Id, Counter Party BA, Trade/Non-Trade, Start Time, Requested Energy(kWh), Status, Scheduled Energy(kWh), Status, Number of Steps, Opp Flow, First Nom, and Action. The Counter Party BA and Trade/Non-Trade columns are highlighted with a red box and a '2'. The table contains several rows of data, including a total row at the bottom. The total row shows a total of 208,135,833 kWh for both Requested and Scheduled energy.

Activity Number	SF	Meter Id	Counter Party BA	Trade/Non-Trade	Start Time	Requested Energy(kWh)	Status	Scheduled Energy(kWh)	Status	Number of Steps	Opp Flow	First Nom	Action
000001				Trade	03	31,592,754	A	31,592,754	A	1	N	R	V
000052				Non - Trade	04	8,215,993	A	8,215,993	A	2	N	R	V
000054				Non - Trade	04	8,934,450	A	8,934,450	A	2	N	R	V
000056				Non - Trade	04	6,105,555	A	6,105,555	A	2	N	R	V
000068				Non - Trade	04	0	A	0	A	2	N	R	V
000070				Non - Trade	04	729,371	A	729,371	A	2	N	R	V
000076				Non - Trade	05	0	A	0	A	1	N	R	V
000078				Non - Trade	04	48,833,333	A	48,833,333	A	2	N	R	V
000080				Non - Trade	04	10,194,815	A	10,194,815	A	2	N	R	V
<b>Total:</b>						<b>208,135,833</b>		<b>208,135,833</b>					

- 1 Users can sort the query output based upon the selection from the **Sort By** drop down and can view the output in **Ascending** or **Descending** order
- 2 Users can view **Counter Party BA** and **Trade/Non-Trade** columns in the query result

## 20 Meter ID Look Up

### 20.1 Meter ID Look Up Screen

This section describes how to look up **Meters by ID**.

**Audience:** National Grid, Shippers

**Screen path:** Home>Measurements>Meter Energy List

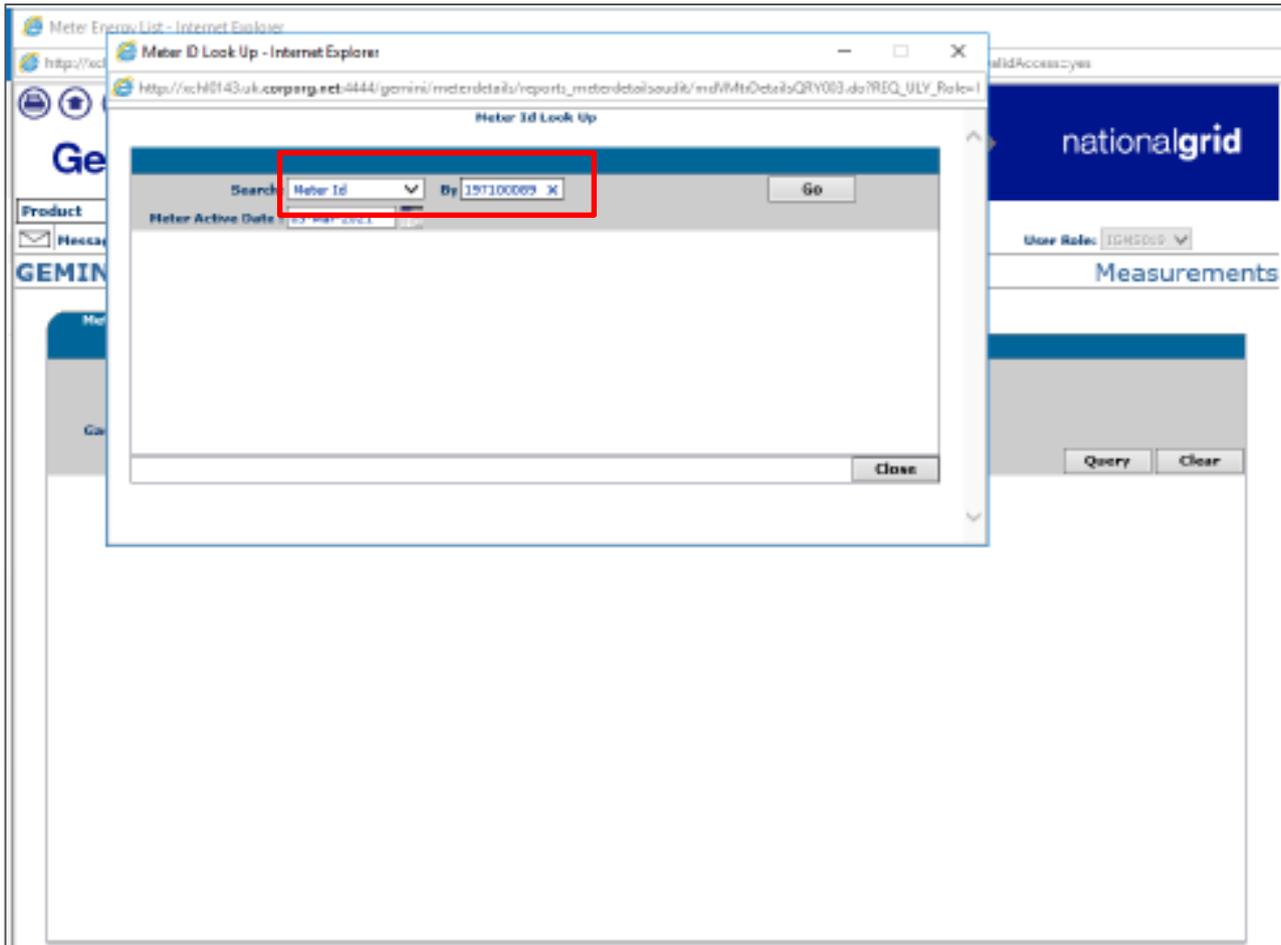
To look up a Meter by ID:

- Navigate to the **Meter Energy List** screen

The screenshot shows the Gemini web application interface. At the top, there is a navigation bar with the Gemini logo and the National Grid logo. Below this is a menu with tabs for Product, Trade, Deal, Constraints, Meter Details, Nominations, OCM, Measurements, and Allocations. The current page is 'Measurements' and the sub-page is 'Meter Energy List'. The search form includes a 'Meter ID' field with a red box around a small icon to its right, a 'Meter Name' field, a 'Meter Type' dropdown, and two date pickers for 'Gas Day From' and 'Gas Day To'. There are 'Query' and 'Clear' buttons at the bottom right of the form.

- Click on the **lookup icon** to the right of the **Meter ID** field (outlined in orange in the screenshot above)

The **Meter ID Look Up** window will display:



- Click on the **drop down arrow** beside the **Search** option

The Search options includes the following:

- Meter ID
- Meter Type
- Active Indicator
- Meter Name

To search by **Meter ID**:

- Select the **Meter ID** option

The '**By**' option will appear on the right as a drop down, which will be populated with a list of all Meter Types.

To search by **Meter Type**:

- Click the **Meter Type** option, '**By**' will display with a **text box**
- Enter a value into the **text box**

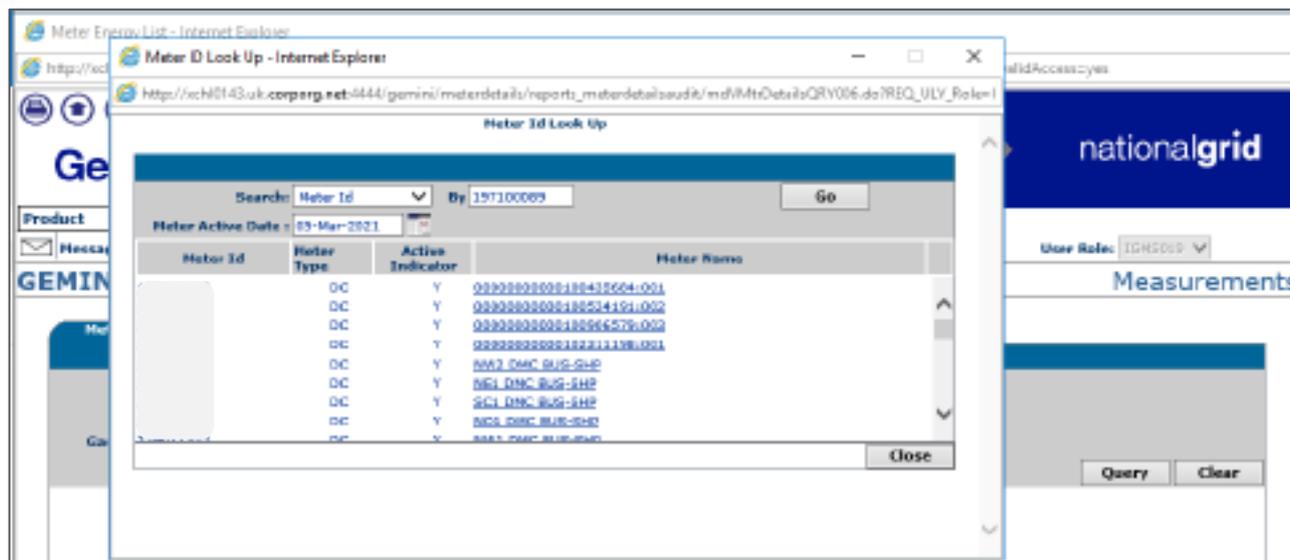
To search by **Active Indicator**:

- Click the **Active Indicator** option, '**By**' will display with the option to select **Y** or **N**
- Click the desired option

To search by **Meter Name**:

- Click the **Meter Name** option, 'By' will display with a **text box**
- Enter a value into the **text box**
- Click **Go**

The relevant data will be displayed as in the sample screenshot below:



- Click **Close** when finished

## 20.2 List of Screens for Meter ID Look Up behaviour

The table below lists the screens where the **Meter ID Look Up behaviour** has been modified.

Screen Name	Screen Path
Suspended Measurements	Home > Measurements > Suspended Measurements
Process Post Close Out Measurement	Home > Measurements > Process Post Close out Measurement
Meter Energy List	Home > Measurements > Meter Energy List
Maintain Measurement	Home > Measurements > Post Closeout > Maintain Measurement
View Measurement	Home > Measurements > Post Closeout > View Measurements
Post Closeout claims Shipper Input Claims	Home > Allocations > Post Closeout Claims > Shipper Input Claims
Claims Buffer Table	Home > Allocations > Claims Buffer Table
View Allocations	Home > Allocations > Post Closeout Views > View Allocations
View Meter / Live Shipper Agents	Home > Allocations > Post Closeout Views > View Meter / Live Shipper Agents
DM Exit Meters	Home > Allocations > Reports > DM Exit Meters
Allocation Details By Meter ID	Home > Allocations > Allocation Details > By Meter ID
Authorise Post Closeout Allocations	Home > Allocations > Authorise Post Closeout Allocations
Input Claims Data Extract	Home > Allocations > Reports > Input Claim Data Extract
Meter Details Audit Report	Home > Meter Details > Reports > Meter Details Audit
Physical Renomination Details	Home > OCM > Trade Details > Physical Renomination Details
Renominations By Meter	Home > Nominations > Balance > Renominations By Meter
Shipper Input Claims	Home > Allocations > Pre Closeout Claims > Shipper Input Claims

## 21 Business Associate Balance

### 21.1 Overview

The **Business Associate Balance screen** in Gemini is used by shippers for the following purposes:

- Displaying the balance between **Requested and Scheduled Nominations**

**Audience:** National Grid, Shippers

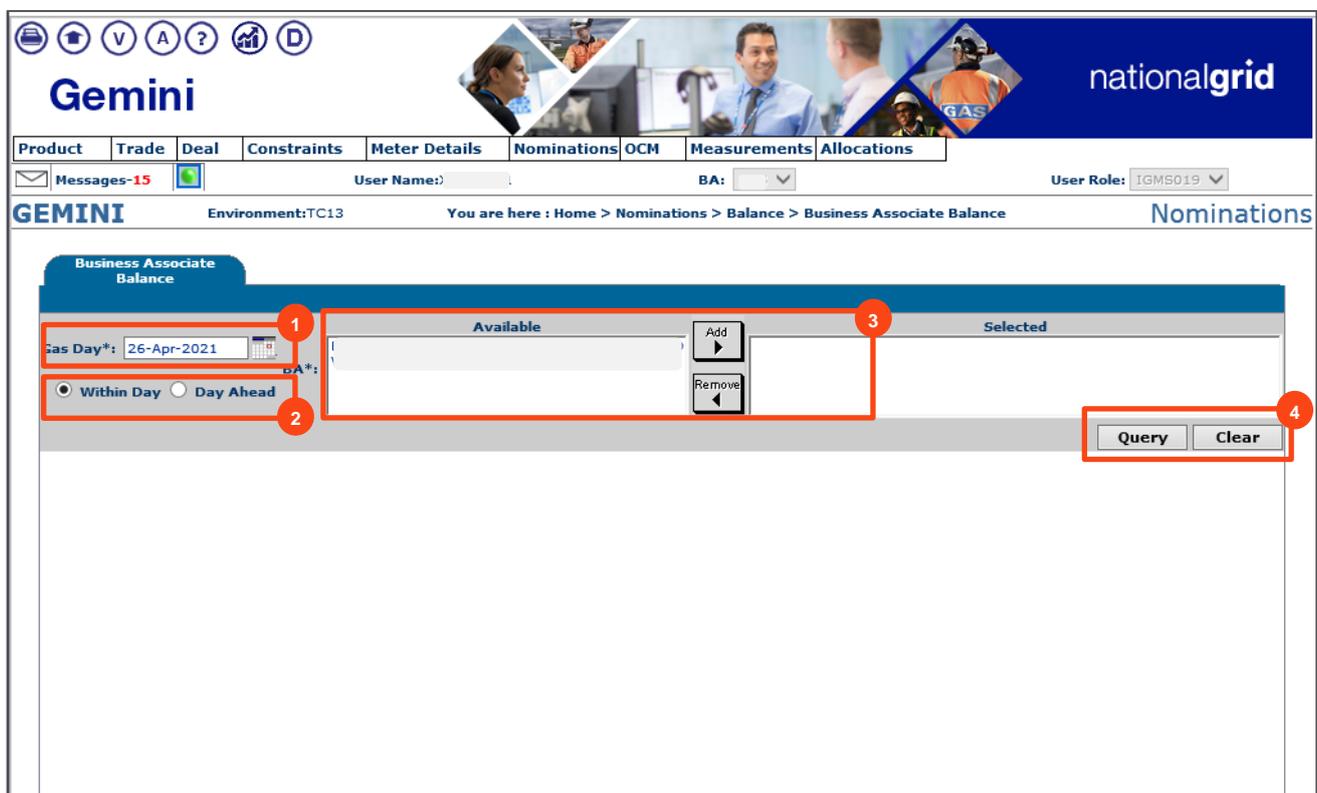
**Screen path:** Home>Nominations>Balance>Business Associate Balance

Modifications to the **Business Associate Balance** screen include the following:

- Addition of **Within Day** and **Day Ahead** options

### 21.2 Business Associate Balance Screen

The **Business Associate Balance** screen displays:



1	The <b>Gas Day</b> field will default to the <b>current gas day (D)</b> upon selecting the <b>Within Day</b> option
2	The <b>Gas Day</b> field will default to the <b>next gas day (D+1)</b> upon selecting the <b>Day Ahead</b> option
3	Add or remove available BAs from the Query screen
4	Click <b>Query</b> to view results

## 22 BA Total Energy Forecast

### 22.1 Overview

The **BA Total Energy Forecast screen** in Gemini is used by shippers for the following purposes:

- Displaying the **Total Energy Forecast** of individual **Business Associates**

**Audience:** National Grid, Shippers

**Screen path:** Home>Nominations>Demand Attribution>BA Total Energy Forecast

Modifications to the **BA Total Energy Forecast** screen include the following:

- Addition of **Within Day** and **Day Ahead** options

### 22.2 BA Total Energy Forecast Screen

The **BA Total Energy Forecast** screen displays:



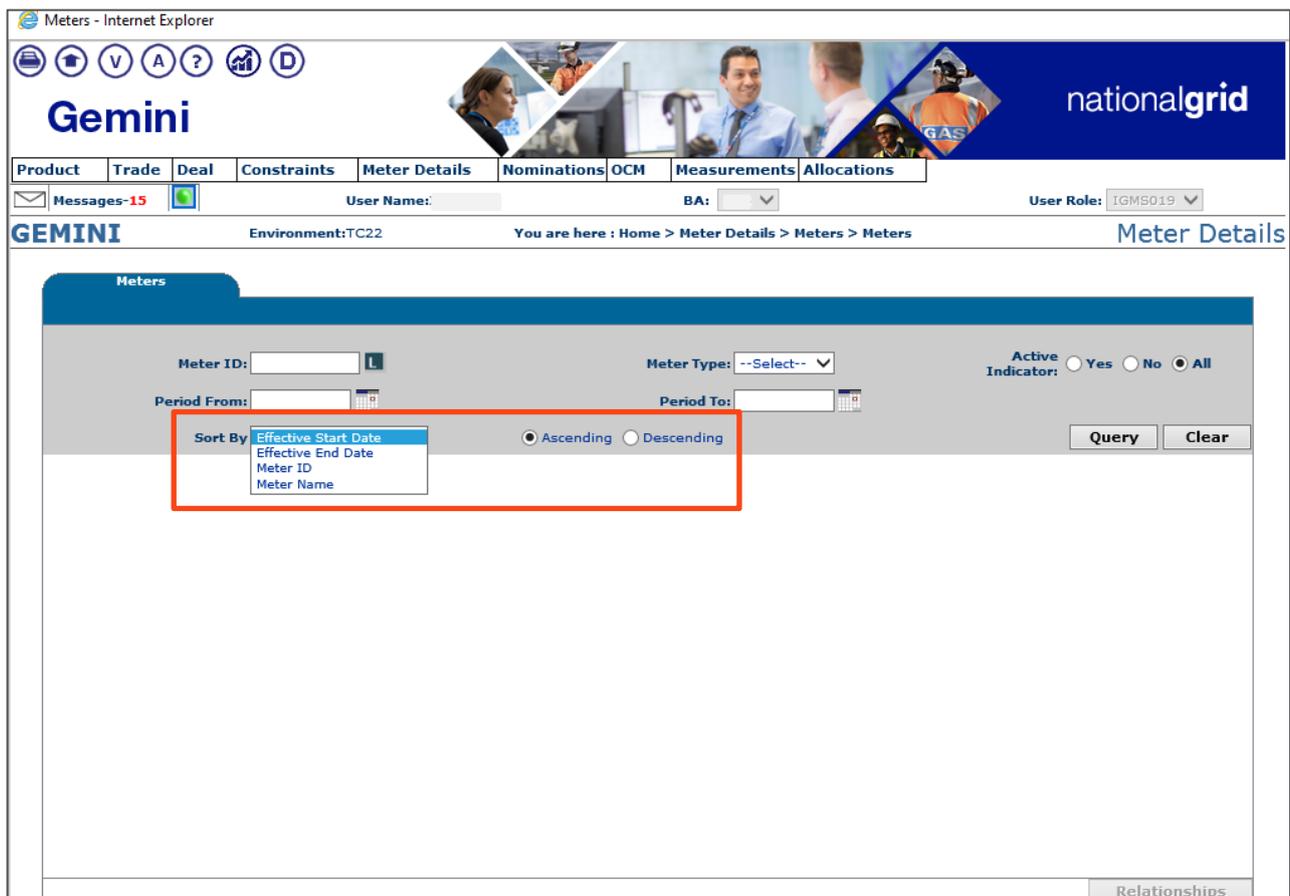
1	The <b>Gas Day</b> field will default to the <b>current gas day (D)</b> upon selecting the <b>Within Day</b> option
2	The <b>Gas Day</b> field will default to the <b>next gas day (D+1)</b> upon selecting the <b>Day Ahead</b> option
3	Add or remove available BAs from the <b>Query</b> screen
4	Click <b>Query</b> to view results

## 23 Sorting

Several Gemini screens in the **Meters** area and **Nominations** area that now benefit from having a Sorting function available. These screens include:

- **Meters**  
**Screen Path:** Home>Meter Details>Meters
- **LDZ to Meter Relationships**  
**Screen Path:** Home>Meter Details>Meters>LDZ to Meter Relationship
- **View Terminal List**  
**Screen Path:** Home>Meter Details>View Terminal List
- **View Zone List**  
**Screen Path:** Home>Meter Details>View Zone List
- **Activities**  
**Screen Path:** Home>Nominations>Activities
- **Shipper Forecast UIG Report**  
**Screen Path:** Home>Nominations>Reports>Shipper Forecast UIG Report
- **Live Capacity vs Nominations Report**  
**Screen Path:** Home>Nominations>Reports>Live Capacity vs Nomination Report

The example below shows the sorting functionality available on the Meters screen. This function is replicated across the other screens listed above.



The screenshot displays the Gemini web application interface. At the top, there is a navigation bar with the Gemini logo and the National Grid logo. Below this is a menu with tabs for Product, Trade, Deal, Constraints, Meter Details, Nominations, OCM, Measurements, and Allocations. The current page is 'Meters' under 'Meter Details'. The interface includes search fields for Meter ID, Meter Type, and Active Indicator, along with date pickers for Period From and Period To. A 'Sort By' dropdown menu is open, showing options: Effective Start Date, Effective End Date, Meter ID, and Meter Name. The 'Ascending' radio button is selected. 'Query' and 'Clear' buttons are also visible.

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