

New Trader UI- Participant User Guide

1.1.0 About Inputs

Inputs from participants to **eCat** include:

- **Capacity Bids** that can be manually uploaded as ECAN Bid Document file v4r0 or CIM format via the menu File > Upload or entered on the GUI.
- **Resale Notifications** that can be manually uploaded as ECAN Rights Document file v4r0 via the menu File > Upload or entered on the GUI.
- **Default Bids** that can be manually entered through the GUI.
- **Transfer Notifications** that can be manually uploaded as ECAN Rights Document file v4r0 (or entered on the GUI).
- **Balancing Reservation** that can be manually uploaded as ECAN Rights Document file v4r0 (or entered on the GUI).

1.1.1 About Data outputs

Data outputs to participants from **eCAT** include:

- **Confirmation of Registration** in the System received via email by the participants.
- **Auction Characteristics**, displayed in the GUI and published on JAO's website.
- **Bid and resale Acknowledgment Document** (ENTSO-E ACK document) received via email by the participants and downloadable through the GUI by the participants.
- **Allocation Result Document** (ECAN Allocation Result document v4r0) downloadable through the GUI by the participants.
- **Capacity Right Portfolio Document** (ECAN Rights Document file v4r0) downloadable through the GUI by the participants.
- **Transfer Confirmation** as ECAN Rights Document file v4r0 received via email by the participants and downloadable through the GUI by the participants.
- **Long-Term Programming Authorizations** as ECAN Rights Document file v4r0 received via email by the participants and downloadable through the GUI by the participants.
- **Daily Programming Authorizations** as ECAN Rights Document file v4r0 received via email by the participants and downloadable through the GUI by the participants.
- **Day Ahead Min/Max AAC** as ECAN Rights Document file v4r0 received via email by the participants and downloadable through the GUI by the participants.
- **Settlement Results** as Excel document downloadable through the GUI by the participants

1.2 A Look at the GUI

eCAT is accessed through a web-based GUI. The following figure shows the

Main screen. This screen is the GUI's primary access point to the system features and functions.

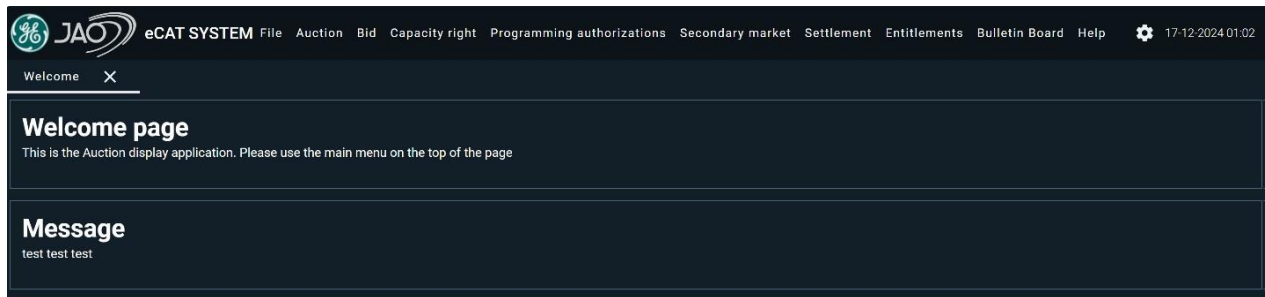


Figure 2 – Main Screen

1.2.1 Main Screen

From the main screen, as from any other screen, all **eCAT** Participant screens can be reached. These screens present the major features and functions to buy capacity, transfer or resell capacity, review capacity right portfolios and programming authorizations.

- The menus offer features for performing standard functions such as auction review. Clicking on a menu title causes the menu to drop down.

1.3 Screen Layout

The **eCAT** screens share a common layout, with:

- Filtering criteria pane: the topmost area offers a set of filters that can be used to search auctions, bids, events or allocation results, depending on the screen currently displayed.
- List pane: In the center, the search result is displayed as a list of items.
Each row provides some summary information on an auction, a bid, a file or an event. The list may also display a few action icons for each row, providing a quick way to open or download a file, or to create, modify or cancel a bid.
- Details pane: The bottom part of the screen shows all the details about the item currently selected from the list. For an auction, that would be its identification details, the product and the capacity offered or gates.
All this information is organized in multiple tabs.

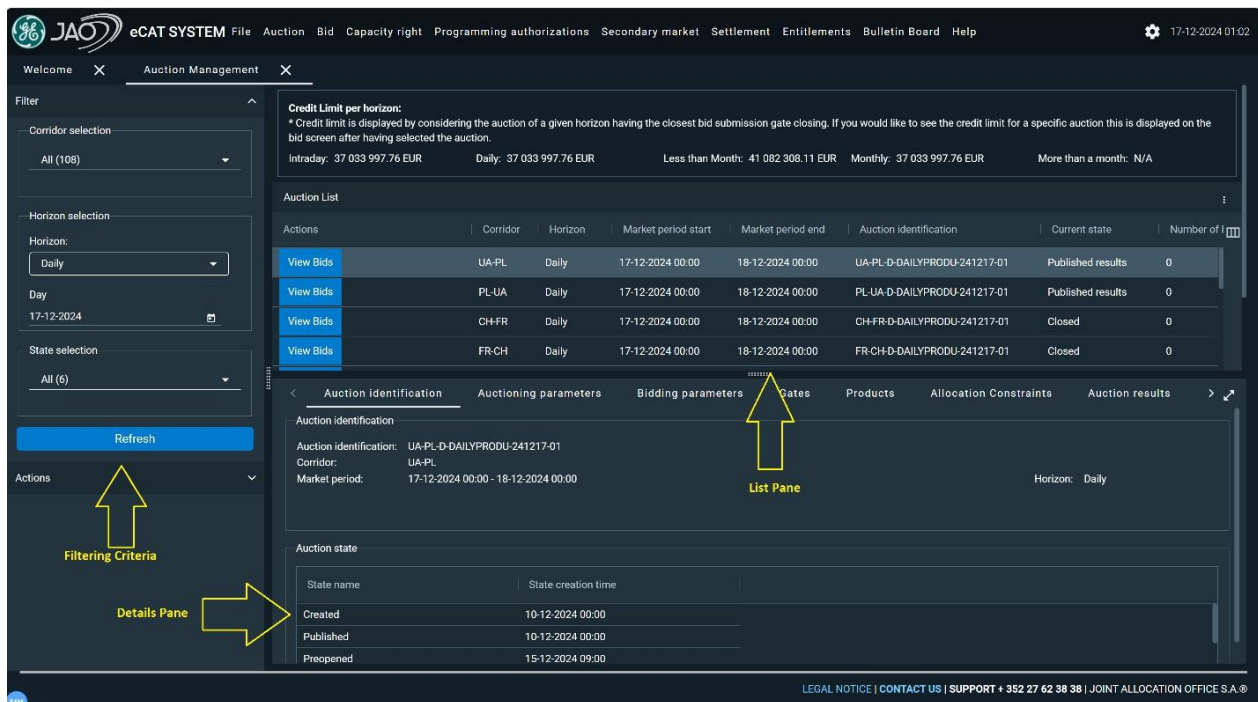


Figure 3 – GUI Screen Layout


1.4 Menu Hierarchy

The Main screen gives access to the various displays of the application through the menu bar, at the top of the screen, by clicking on a menu or a submenu item.

Every stage in the lifecycle of an auction has one or more screens dedicated to it:

- All documents either produced by or submitted to the ECAT system are available from a single screen through **Management submenu in File menu**.
- Once an auction has been published, it can be reviewed in the **Auction Display submenu through Auction menu**.
- Participants can submit and review Bids through **New/Edit Bids submenu in Bid menu**.
- Participants can display the different versions of Bids in read-only mode through **Bid List submenu in Bid menu**.
- Participants can submit and review Default Bids through **New/Edit Default Bids submenu in Bid menu**.
- Participants can review Shadow and Default Bids through **Shadow / Default Bids submenu in Bid menu**.
- As soon as an auction has finished, the eCAT system computes and publishes the allocation results through **Allocation results submenu in the Capacity Right menu**.
- The details of Capacity Right portfolios can be seen through the **Capacity Right List submenu in the Capacity right menu**.

- The details of Programming Authorizations can be seen through the **Display submenu** in the *Programming Authorizations menu*.
- The modification of the designated ITR could be made through the **New ITR Designation submenu** in the **Programming authorizations menu**.
- All secondary market operations (Transfer/Resale) can be performed and checked through **Secondary market menu** and its submenus.
- The settlements can be exported through the **Settlement menu**.
- The entitlements can be displayed through the **Entitlements menu**.
- Participants can submit and review messages through **Bulletin Board** and its submenus.

In addition, the **Options** menu [Settings icon Main Unit screen's menus and the options available from them.

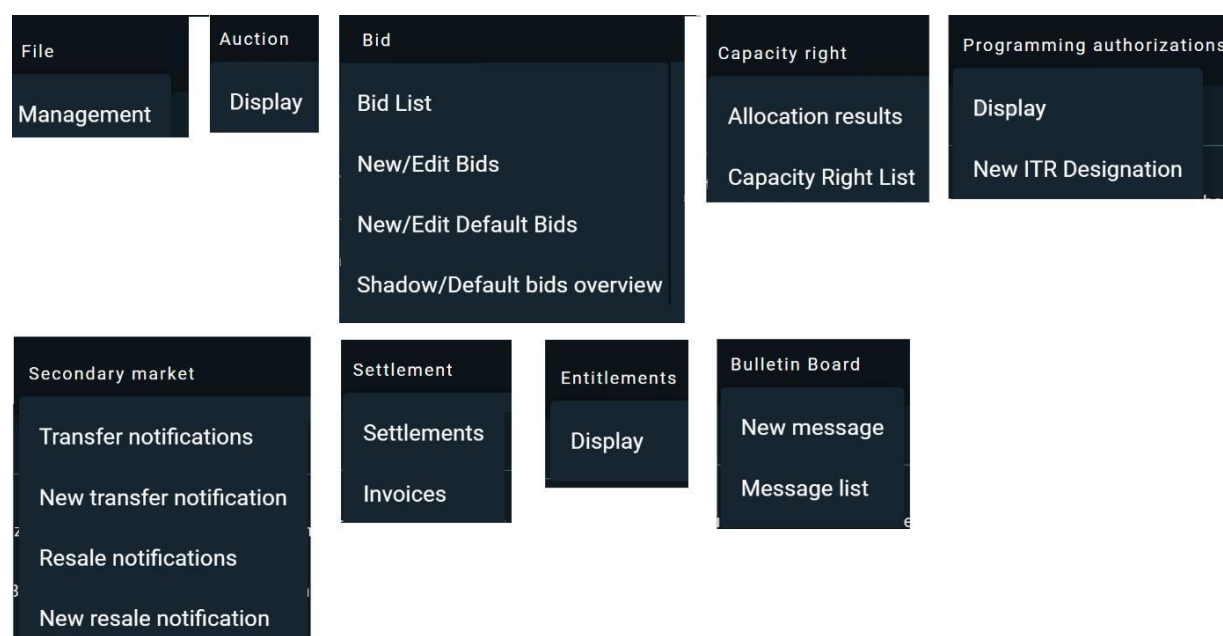


Figure 4 – Drop-Down Menus

▶ Clicking on a menu title causes the menu to drop down

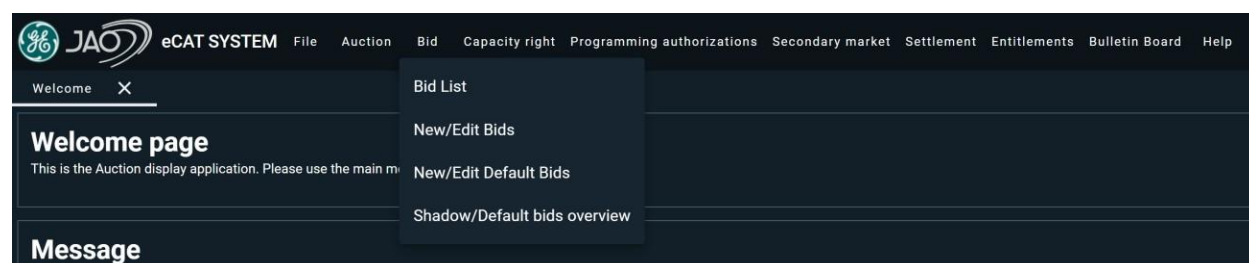


Figure 5 –Menus

1.5 Navigating with the GUI

1.5.1 Login In and Out

► To log in to the **eCAT** GUI

1. Open a new browser window.
2. Go the Start Session page of eCat located on JAO website.
3. Select your personal electronic certificate to use.
4. At the Login page, enter your User ID and Password in the appropriate fields. Note that the login fields are case sensitive.
5. Select the Time Zone
6. Click the *Login* button and the Applications opens.

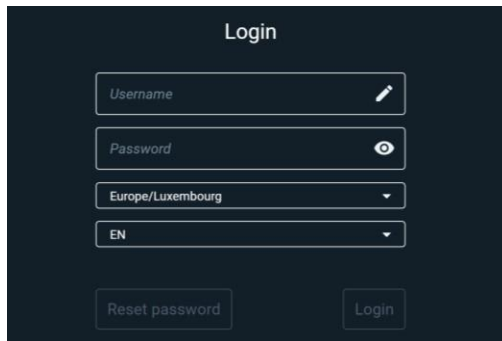



Figure 6 – Login Page

► To log out from the **eCAT** GUI:

- Select the Logout option from the Options menu [Settings icon 

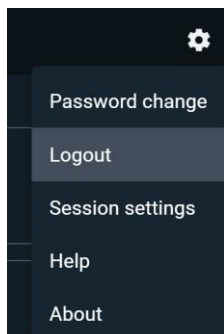


Figure 7 – Logout menu

This terminates your session and brings you to the Login Page.

1.5.2 Controlling Frames, Tabs, Menus, and Calendars

1.5.2.1 Frames

► To show and hide a frame:

- Click on the *Show/Hide* control in the upper left corner of the frame.

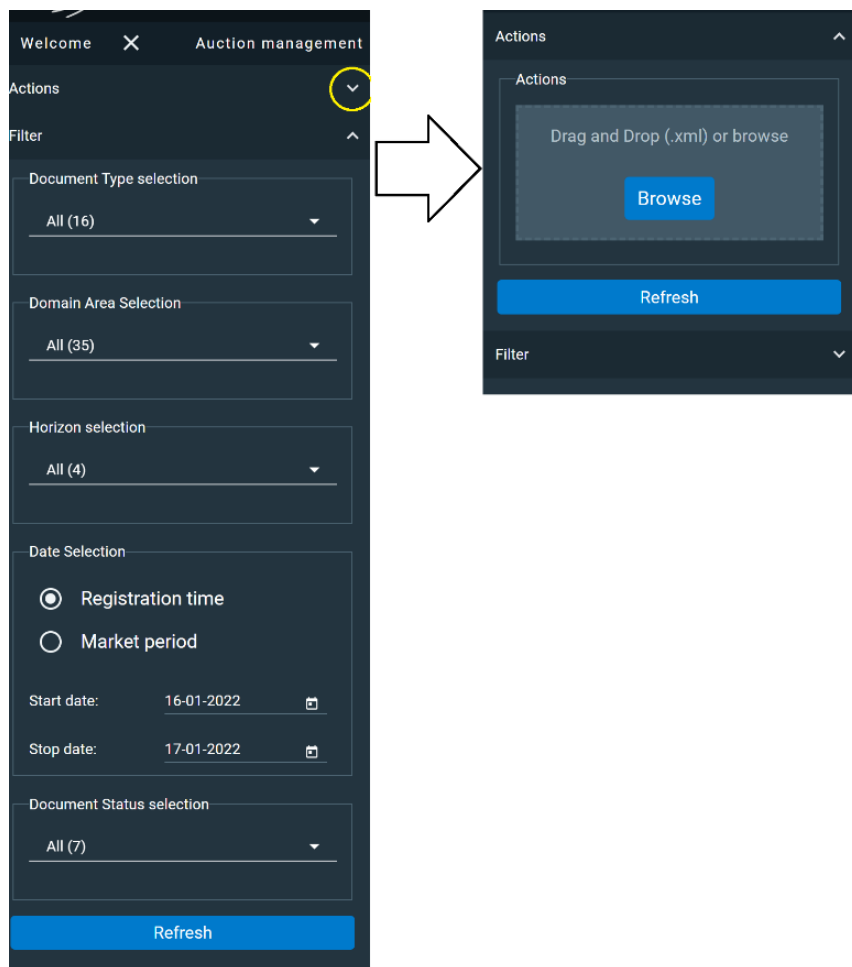



Figure 8 – Showing/Hiding Frames

► To expand/collapse a frame:

- Click on the *Expand/Collapse* control [represented by two opposite arrows 

Credit Limit per horizon:
 * Credit limit is displayed by considering the auction of a given horizon having the closest bid submission gate closing. If you would like to see the credit limit for a specific auction this is displayed on the bid screen after having selected the auction.

Intraday: 21 345 633.61 EUR Daily: 21 345 633.61 EUR Less than Month: 21 345 633.61 EUR Monthly: 21 345 633.61 EUR More than a month: 21 345 633.61 EUR

Auction List

Actions	Corridor	Horizon	Market period start	Market period end	Auction identification	Current state	Number of bids	Bid time left
View Bids	BDL-GB-NL	Yearly	01-01-2024 00:00	01-01-2025 00:00	BDL-GB-NL-Y-BASE-240101-01	Cancelled	0	
View Bids	BDL-GB-NL	Yearly	01-01-2024 00:00	01-01-2025 00:00	BDL-GB-NL-Y-BASE-240101-02	Cancelled	0	
View Bids	BDL-GB-NL	Yearly	01-01-2024 00:00	01-01-2025 00:00	BDL-GB-NL-Y-BASE-240101-03	Cancelled	0	
View Bids	IF2-FR-GB	Yearly	01-01-2024 00:00	01-01-2025 00:00	IF2-FR-GB-Y-BASE-240101-03	Cancelled	0	
View Bids	IF2-GB-FR	Yearly	01-01-2024 00:00	01-01-2025 00:00	IF2-GB-FR-Y-BASE-240101-03	Cancelled	0	

Auction identification Auctioning parameters Bidding parameters Gates Products Allocation Constraints Comments

Auction identification

Auction identification: BDL-GB-NL-Y-BASE-240101-01
 Corridor: BDL-GB-NL
 Market period: 01-01-2024 00:00 - 01-01-2025 00:00 Horizon: Yearly

Auction state

State name	State creation time
Created	03-11-2022 11:23
Published	06-11-2022 08:00
Cancelled	02-03-2023 15:30

Auction identification Auctioning parameters Bidding parameters Gates Products Allocation Constraints Comments

Auction identification

Auction identification: BDL-GB-NL-Y-BASE-240101-01
 Corridor: BDL-GB-NL
 Market period: 01 01 2024 00:00 01 01 2025 00:00 Horizon: Yearly

Auction state

State name	State creation time
Created	03-11-2022 11:23
Published	06-11-2022 08:00
Cancelled	02-03-2023 15:30

Figure 9 – Expanding/Collapsing Frames

1.5.2.2 Tabs

► To select a tab:

- Click on tab name. The selected tab will be displayed.
- Click on the right/left arrows. The “hidden” tabs on the right/left will be displayed.

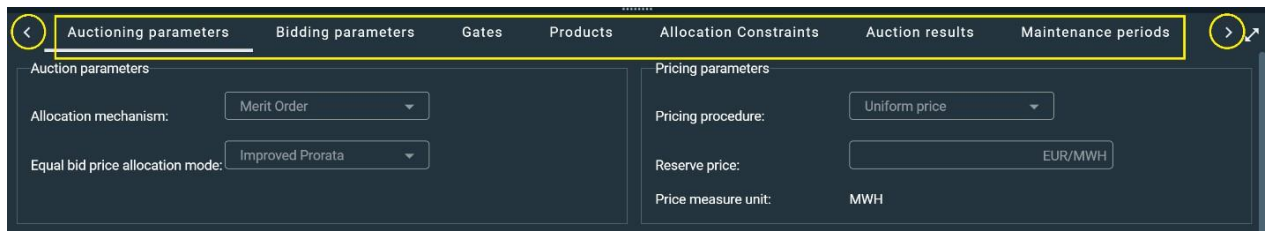


Figure 10 – Selecting tabs.

1.5.2.3 Drop-down Menus

- ▶ To expand a drop-down menu:
 - Click the menu name.
- ▶ To close a drop-down menu:
 - Click outside the menu.

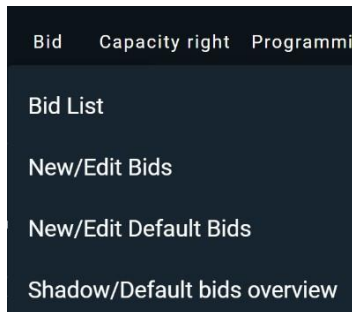


Figure 11 – Drop-down menus

1.5.2.4 Calendar Controls

- ▶ To launch the pop-up calendar for date selection, Click the calendar icon.
- ▶ To select a date:
 - Launch the pop-up calendar, click the scroll arrows to pick a month and year, and then select a date.
 - To select a year click on MONTH YEAR (ex JAN 2022)
- ▶ To dismiss pop-up calendars:
 - Click outside local frame area.

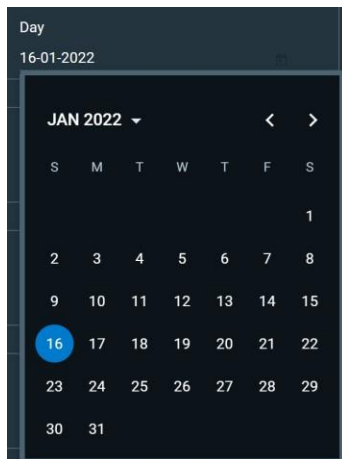


Figure 12 – Calendar Popup.

1.5.3 Working with Display Records and Other Text-Labelled Items

► To select a display record and other text-labelled items:

- Click on the text. For example, to select a data row on a screen, place the cursor over the row text and click the right mouse button.

Auction identification	Corridor	TSO Border	Bid identification	Version	Current State	Divisible	Block bid	Product	Price	Price measure unit	Quantity	Actions
CORE-Y-BASE—230101-01	BE-FR		BID00060-BE-FR	5	Fully accepted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	2.05	MWH	39	⋮
CORE-Y-BASE—230101-01	BE-FR		BID00059-BE-FR	5	Fully accepted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	2.06	MWH	38	⋮
CORE-Y-BASE—230101-01	BE-FR		BID00058-BE-FR	5	Fully accepted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	2.07	MWH	37	⋮
CORE-Y-BASE—230101-01	BE-FR		BID00057-BE-FR	5	Fully accepted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	2.08	MWH	36	⋮
CORE-Y-BASE—230101-01	BE-FR		BID00056-BE-FR	5	Fully accepted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	2.09	MWH	35	⋮
CORE-Y-BASE—230101-01	BE-FR		BID00055-BE-FR	5	Fully accepted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	2.1	MWH	34	⋮

Bid identification

Bid identification: BID00060-BE-FR Auction Identification: CORE-Y-BASE—230101-01

Corridor: BE-FR

Market period: 01-01-2023 00:00 / 01-01-2024 00:00

Bid state:

State name	Creation time
Created	15-01-2022 10:03
Fully accepted	15-01-2022 10:03

Version:

Version: 5 Last version: ☒

Creation time: 15-01-2022 10:03

Creation user: vallentins

Parties:

Bidder: DANSKECOM

Subject party: DANSKECOM

Figure 13 – Clicked on Text to Select Screen Items.

1.5.4 Filter & Sort Displays

Filtering can be done through a dedicated pane.

Filters and Sort are also available at table level.

1.5.4.1 Filter Pane Functionalities

► To filter display records:

- In the Tooltray, select Filter.
- For example in Auction Management,
 - Check the Corridor in the Corridor selection frame (with the scrollbar display all the list). Multiple selections are allowed or enter a keyword to restrict the displayed list).
 - Choose the Horizon in the Horizon selection (Multiple selections are not allowed),
 - If you select, in the pull-down menu, Yearly as Horizon, the Market Period field displayed different years.
 - If you select Monthly as Horizon, the Market Period field displayed different years and a new field with all the months.
 - Check the Auction state in the Auction state selection. Multiple selections are allowed.
 - Check the Version in the Version selection. Multiple selections are allowed.
- Click on the *Refresh* button.

The screenshot displays the Auction Management interface. On the left, a 'Filter' pane is visible with the following sections:

- Corridor selection:** A dropdown menu showing 'All (108)'.
- Horizon selection:** A dropdown menu showing 'Daily'.
- Day:** A date selector showing '17-12-2024'.
- State selection:** A dropdown menu showing 'All (6)'.
- Refresh:** A blue button at the bottom of the filter pane.

The main area on the right shows the 'Auction List' table. The table has the following columns: Actions, Corridor, Horizon, Market period start, Market period end, Auction identification, Current state, and Number of bids. The table contains three rows of data:

Actions	Corridor	Horizon	Market period start	Market period end	Auction identification	Current state	Number of bids
View Bids	UA-PL	Daily	17-12-2024 00:00	18-12-2024 00:00	UA-PL-D-DAILYPRODU-241217-01	Published results	0
View Bids	PL-UA	Daily	17-12-2024 00:00	18-12-2024 00:00	PL-UA-D-DAILYPRODU-241217-01	Published results	0
View Bids	CH-FR	Daily	17-12-2024 00:00	18-12-2024 00:00	CH-FR-D-DAILYPRODU-241217-01	Closed	0
View Bids	FR-CH	Daily	17-12-2024 00:00	18-12-2024 00:00	FR-CH-D-DAILYPRODU-241217-01	Closed	0

Below the table, there are several tabs: 'Auctioning parameters', 'Bidding parameters', 'Gates', 'Products', 'Allocation Constraints', 'Auction results', and 'Maintenance periods'. The 'Auctioning parameters' tab is currently selected, showing various settings such as 'Allocation mechanism' (Merit Order), 'Equal bid price allocation mode' (Improved Pro rata), 'Capacity percentages' (ATC Percentage: 100%), 'Transfer parameters' (Transfer allowance, Resale allowance, Rule: Use-It-Or-Lose-It), 'Pricing parameters' (Pricing procedure: Uniform price, Reserve price, Price measure unit: MWH), and 'Credit limits' (Enable credit limit checking, Payment handled by the System, Allowed target period for secondary market: Full period).

Figure 14 – Filter Row.

1.5.4.2 Table Functionalities

1.5.4.2.1 Column Functionalities

Common **column** elements for all windows tables are:

- A **funnel symbol** is located at the top right corner of the table headers (hidden by default).

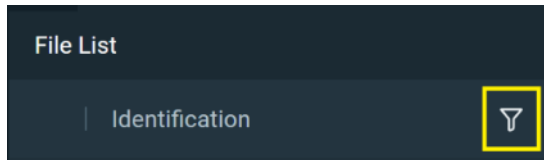


Figure 15 – Funnel symbol – Column options icon

Under this symbol, several option tabs are available.

- Column Option tab
- Filter tab
- Column Selection tab

- A **Sort icon** (arrow) is located at the top right corner of the table headers (hidden by default).

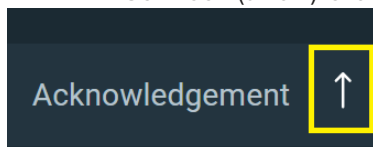


Figure 16 – Sort symbol

1.5.4.2.1.1 Column Option Tab

► To display Column Options:

- Mouse over the header of the column. A funnel icon appears.
- Click on the icon.
- Three tabs appear. **Column Option tab** is represented by a hamburger symbol (first one).
- Click on it.

The following options are available in this tab:

- **Pin Column:** Thanks to this option, the user can pin the column on the left, right or unpin it.
- **Reset Sort:** The user can reset the sort he has previously applied on this column.
- **Hide:** Thanks to this option, the user can hide the column.
- **Autosize:** The user can automatically adjust the columns width.

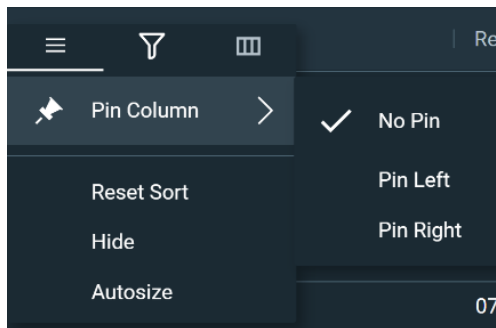


Figure 17 – Column Option tab – options.

1.5.4.2.1.2 Filter Tab

► To display Filter tab:

- Mouse over the header of the column. A funnel icon appears.
- Click on the icon.
- Three tabs appear. **Filter tab** is represented by a funnel symbol (middle one).
- Click on it.

Filters in the filter menu can be text boxes, date boxes, check boxes... depending on the type of data displayed in this column. In case of check boxes, a search filter is available.

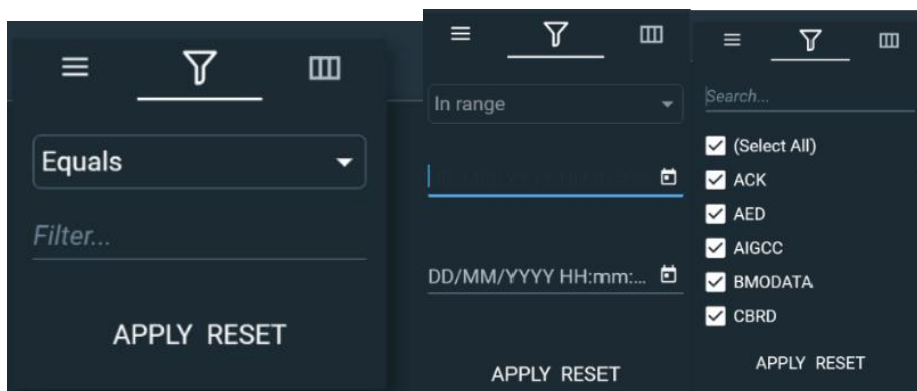


Figure 18 – Filter Column tab

To fill a filter, the user must select the filter value (e.g.: String, dates or select a value in the list see Figure 18 – Filter Column tab) and then click on Apply to apply the change. Once done, the filter menu disappears, and the window will be refreshed.

A filter menu has a Reset option, this option will remove the current filter. The window will be refreshed.



1.5.4.2.1.3 Column Selection Tab

► To display Column Selection tab:

- Mouse over the header of the column. A funnel icon appears.
- Click on the icon.
- Three tabs appear. **Column Selection tab** is represented by a table symbol (last one).
- Click on it.

A list of the columns available in the table is displayed. The user can select/unselect the columns to be displayed.

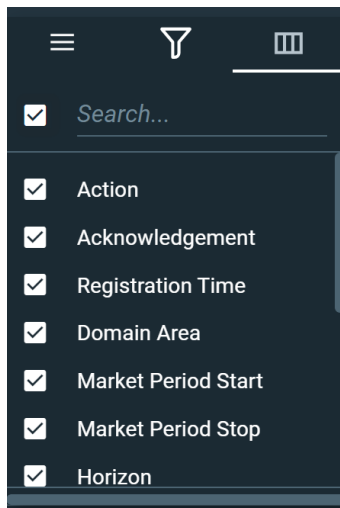


Figure 19 – Column Selection menu

1.5.4.2.2 Sort Rows

► To sort display records by ascending or descending order:

- Mouse over the header of the column. An arrow icon appears.
- Click on the icon.

Clicking once displays records by ascending order.

Twice display records by descending order.

Three times remove the sort.

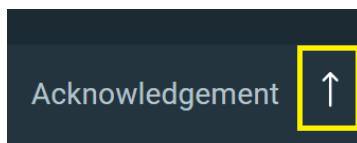


Figure 20 – Sort

1.5.4.2.3 Table Other Functionalities

Common **table** elements for all windows tables are:

- Other options (tri-colon menu)

1.5.4.2.3.1 Tri-colon menu (other options)

Other table options are available through a **tri-colon menu**, on the right at the table level, that offers some options that will be applied to all the table.

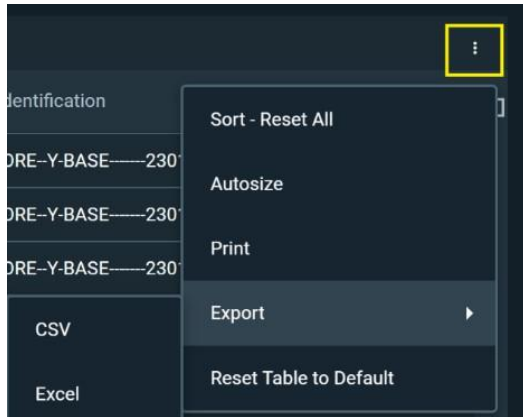


Figure 21 – Table Other Functionalities: Tri-colon menu.

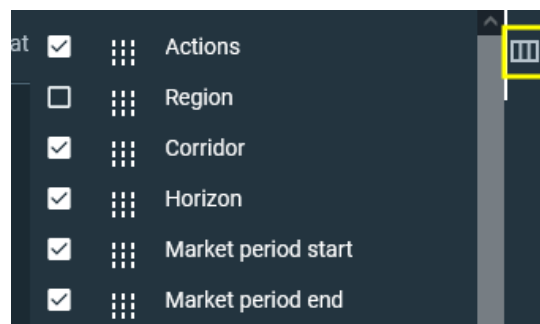
- **Sort – Reset All menu:** This option will reset all the sorts applied to the table.
- **Autosize:** This option automatically adjusts all the columns width.
- **Print:** This option allows the user to print a page.
- **Export** (submenus CSV, Excel): This option allows the user to export all the data of the table in CSV or Excel format.
- **Reset to Default:** This option resets all the filters, sorts, columns order....

1.5.4.2.3.2 Mini-table icon

Other table options are available through **mini-table icon**, on the right of the table level. It offers the user the possibility to show/hide the columns and reorder them if needed.

To open the columns list, the user shall click on the button shown in the screenshot below:

Figure 22 – Table Other Functionalities: Mini Table icon.



- **Columns show or hide:** The user can check/uncheck combo boxes to display/hide the columns.

The user has the possibility to reorder the column by drag and drop the dotted square which is at the left of the column name as shown in the screenshot below:

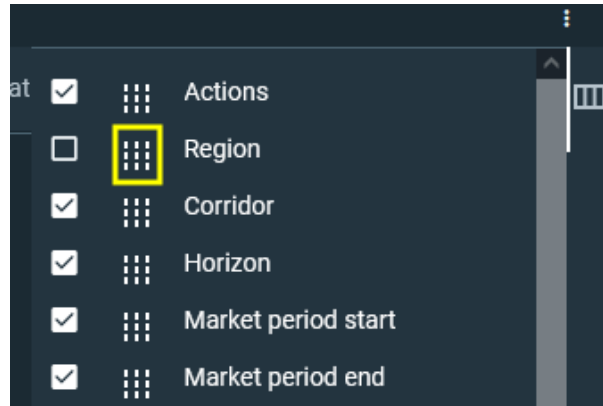


Figure 23 – Table Other Functionalities: Mini Table icon: Move/Hide button.

1.6 Changing the Password

- Go to Options (screw icon) > Password change
- Enter the old password.
- Enter a new password.
- Re-enter the new password to confirm it.
- Click the *Change* button.

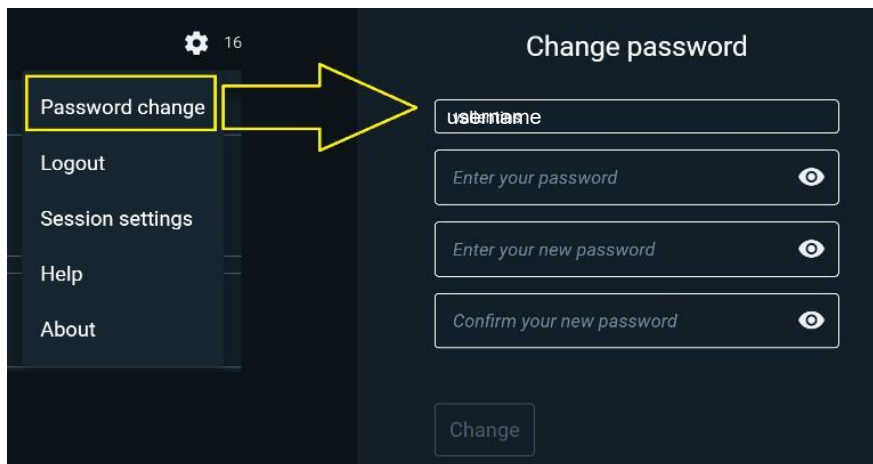


Figure 24 – Password Change Dialog.

Password policy:

- The password has a minimum of 9 characters.
- The new password must be different to the last [24] passwords used.

- Password must not contain the user's entire samAccountName (Account Name) value or entire displayName (Full Name) value. Both checks are not case sensitive:
 - The samAccountName is checked in its entirety only to determine whether it is part of the password. If the samAccountName is less than three characters long, this check is skipped.
 - The displayName is parsed for delimiters: commas, periods, dashes or hyphens, underscores, spaces, pound signs, and tabs. If any of these delimiters are found, the displayName is split and all parsed sections (tokens) are confirmed not to be included in the password. Tokens that are less than three characters in length are ignored, and substrings of the tokens are not checked. For example, the name "Erin M. Hagens" is split into three tokens: "Erin," "M," and "Hagens." Because the second token is only one character long, it is ignored. Therefore, this user could not have a password that included either "erin" or "hagens" as a substring anywhere in the password.
- Password must contain characters from at least three of the following five categories:
 - Uppercase characters of European languages (A through Z, with diacritic marks, Greek and Cyrillic characters)
 - Lowercase characters of European languages (a through z, sharp-s, with diacritic marks, Greek and Cyrillic characters)
 - Base 10 digits (0 through 9)
 - Nonalphanumeric characters: ~!@#\$%^&* _-+=`|\\(){}[];:'"<>,.?/
 - Any Unicode character that is categorized as an alphabetic character but is not uppercase or lowercase. This includes Unicode characters from European languages.

2. Participant Tasks

ECAT software provides market participants with a set of web pages for direct entry and file upload of bids.

When data are directly entered through the web page, the system carries out all necessary data validation and explicit error messages are sent back to the user in case of data rejection.

When data are sent by a market participant through an XML file transfer, then an ENTSO-E acknowledgement document is sent back to the sender.

The web interface of the **ECAT** product offers a set of functionalities to the Market participants allowing them to interact with the capacity auction process:

- View the participant's entitlements by corridors and horizons.
- View auction specifications (Auction parameters, products, gates, maintenance periods).
- Submit and review default bids.
- Submit and review capacity bids:
 - Submit bids through the interactive user interface.
 - Import bids as an XML file using an ENTSO-E Bid document compliant with ECAN version 4 format.
- View allocation results (awarded bids):
 - Display allocation results through the interactive user interface
 - Export allocation results by displaying or downloading the allocation results through an XML file. This XML file is an ENTSO-E Allocation Result document compliant with ECAN version 4 format
 - Export allocation results to a CSV file
- Declare and review secondary market notifications:

- Declare transfer notifications through the interactive user interface.
 - Import transfer notification XML file using an ECAN Rights document v4r0.
 - Confirm transfer notifications through the interactive user interface (Italian borders only).
 - Declare balancing reservation notifications through the interactive user interface.
 - Import balancing reservation notification XML file using an ECAN Rights document v4r0.
 - Display a list of approved transfers.
 - Declare resale notifications through the interactive user interface.
 - Import resale notification XML file using an ECAN Rights document v4r0.
 - Display a list of confirmed resales.
- View Capacity right portfolios
- Declare a change on ITR designation for a given auction:
 - Declare a change on ITR designation using the New ITR designation screen.
- View the details of Programming Authorizations
- Download files.

2.1 Entitlements

The entitlements of **eCAT** lets participants know on which auctions they could participate.

The participants could read their entitlements from the UI menu: **Entitlements -> Display**.

The table display the information below:

- Corridor code: Unique code to identify the corridors and the direction (i.e: FR-BE is an auction from France to Belgium).
- Horizon name: Horizon of the auction (e.g. Yearly, Monthly, Daily, Intraday, Shadow).
- Is entitled?: Checkbox to identify the entitlements.
- Effective day: The effective day to participate on the auction.
- Termination day: The termination day to participate on the auction.

Corridor	Horizon	Is entitled	Effective date	Termination date
AT-CH	Monthly	Yes	01-01-2000 03:00	01-01-2037 03:00
AT-CH	Yearly	Yes	01-01-2000 03:00	01-01-2037 03:00
AT-CZ	Monthly	Yes	01-01-2000 06:00	01-01-2037 06:00
AT-CZ	Yearly	Yes	01-01-2000 06:00	01-01-2037 06:00
AT-DE	Yearly	Yes	01-01-2000 00:00	01-01-2037 00:00
AT-DE	Monthly	Yes	01-01-2000 00:00	01-01-2037 00:00
AT-HU	Monthly	Yes	01-01-2000 06:00	01-01-2037 06:00
AT-HU	Yearly	Yes	01-01-2000 06:00	01-01-2037 06:00
AT-IT	Monthly	Yes	01-01-2000 06:00	01-01-2037 06:00
AT-IT	Yearly	Yes	01-01-2000 06:00	01-01-2037 06:00
AT-SI	Monthly	Yes	01-01-2000 06:00	01-01-2037 06:00
AT-SI	Yearly	Yes	01-01-2000 06:00	01-01-2037 06:00
BDL-GB-NL	Monthly	Yes	01-01-2000 00:00	19-09-2023 00:00
BDL-GB-NL	Yearly	Yes	01-01-2000 00:00	19-09-2023 00:00
BDL-GB-NL	Weekly	Yes	01-01-2000 00:00	19-09-2023 00:00
BDL-NL-GB	Yearly	Yes	01-01-2000 00:00	19-09-2023 00:00
BDL-NL-GB	Monthly	Yes	01-01-2000 00:00	19-09-2023 00:00
BDL-NL-GB	Weekly	Yes	01-01-2000 00:00	19-09-2023 00:00
BE-DE	Yearly	Yes	01-01-2000 00:00	01-01-2037 00:00

Figure 25 – Entitlements screen.

2.2 File Management

The file management of **eCAT** lets participants manage many various files including bid files, secondary market notification documents.

The capacity auction process relies on the reception and the transmission of several files. Participants can upload and download some of them.

The list is displayed below:

Table 4: Capacity auction files

Tag	Sender	Receiver	Format	Document
Bid for capacity	CT	JAO	ECAN	Bid Document
Auction results (CT)	JAO	CT	ECAN	Allocation results
Transfer Notification	CT	JAO	ECAN	Rights document
Approved Transfer (CT)	JAO	CT	ECAN	Rights document
Return Notification	CT	JAO	ECAN	Rights document
Capacity Right Portfolio (CT)	JAO	CT	ECAN	Rights document
Programming Authorizations (CT)	JAO	CT	ECAN	Rights document
Day-ahead MIN AAC	JAO	CT	ECAN	Rights document
Day-ahead MAX AAC	JAO	CT	ECAN	Rights document
Balancing reservation Notification	CT	JAO	ECAN	Rights document

2.2.1 File Upload

► To upload a file (such as a Bid File):

- Go to the menu File > Management.
- In Tooltray click on Action pane.
- Browse to the file on their local drive and,
- Press **Open** once the file is selected.

The files can be also drag and drop directly in Action pane.

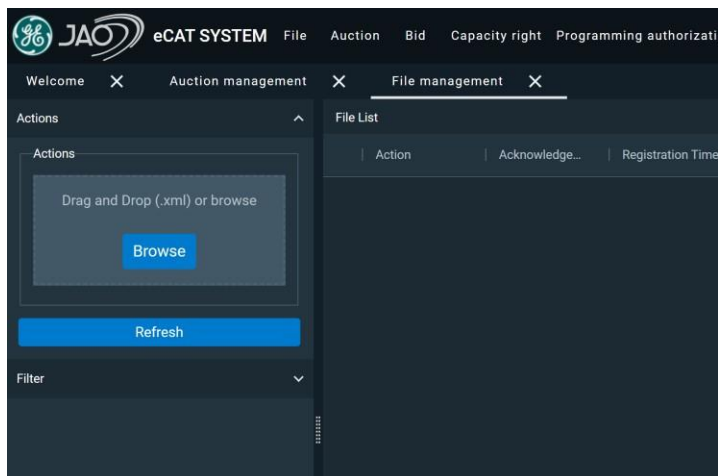






Figure 26 – File upload screen.

File List pane displays information about the finished upload and its status:

- **Action:** 2 icons are generally present.


- First icon () can be clicked to open the document, that was submitted or issued, in a XML viewer.
- Second icon () let user save a copy of the file, that was submitted or issued, in its original format onto a local computer. The generated file is available in the browser download area.
- **Acknowledgement:** 2 icons are generally present (see details in **chapter 4.2.1.1 Acknowledgment**)
 - First icon () can be clicked to open the acknowledgement file, that was received in response to the file submission, in a XML viewer.
 - Second icon () let Participants save a copy of the acknowledgement file, that was received, in its original format onto a local computer. The generated file is available in the browser download area.
- **Registration Time:** Date of log process.
- **Domain:** Domain specified in the document (when present).
- **Market Period Start/Stop:** Target period of the auction.
- **Horizon:** Horizon of the auction (e.g. Yearly, Monthly, Daily, Intraday, Shadow).
- **Identification:** Name of the file that was submitted or issued.
- **Version:** Version of the submitted or issued file.
- **Document Type:** The application automatically detects the type of document that was submitted.
- **Status:**
 - Partially Accepted (Fully Accepted under reserve) in yellow if the declaration was partially accepted by the application.
 - Fully Accepted in green if the declaration was accepted by the application.
 - Fully Rejected in red if the declaration was not accepted by the application.
- **Related Document Identification:** Identification of the acknowledgement file generated by the capacity auction system to external users (participants).
- **Related Document Version:** Acknowledgment version.
- **Sender User:** User. For example: user that uploads the document; user that generates the files...

File List								
Registration Time	Domain Area	Market Period Start	Market Period Stop	Horizon	Identification	Version	Document Type	Status
18-08-2024 21:48	NEMOLINK-IC	19-08-2024 00:00	19-08-2024 06:00	Intraday	NLL-BE-GB-ID0006-240819-01	1	A24	Fully accepted
18-08-2024 21:48	NEMOLINK-IC	19-08-2024 00:00	19-08-2024 06:00	Intraday	NLL-GB-BE-ID0006-240819-01	1	A24	Fully rejected
18-08-2024 19:42	ELECLINK-IC	19-08-2024 00:00	19-08-2024 14:00	Intraday	EL1-GB-FR-ID0014-240819-01	1	A24	Partially accepted
18-08-2024 19:41	ELECLINK-IC	19-08-2024 00:00	19-08-2024 14:00	Intraday	EL1-FR-GB-ID0014-240819-01	1	A24	Fully accepted

Figure 27 – File Management status

2.2.1.1 Acknowledgment

If the submitted file is rejected, operators can open the contents of the generated acknowledgement file to get some clues on the reason for the rejection.

To do this the operator goes to Acknowledgment column and click on icon  (file open).

Document Viewer

Market Management System

ACKNOWLEDGEMENT MESSAGE

Message Identification	Date and Time	Receiving Message Identification	Receiving Message Version	Receiving Payload Name
1969099451	2021-10-31T20:43:00Z	NLL-BE-GB-I-ID0006-211101-01	2	10X1001A1001A57U_NLL-BE-GB-I-ID0006

Sender	Role	Receiver	Role
10X1001A1001A57U	TCA	11XNEAS—Q	CT

MESSAGE ACKNOWLEDGEMENT STATUS

Reason Code	Reason Title	Reason Text
A03	Message contains errors at the Time Series Level	Bid rejected due to breach of allocation constraint

Reason Code	Reason Title	Reason Text
A02	Message Fully Rejected	

GLOBAL TIME SERIES INTERVAL ERRORS

Close

Figure 28 – Example of Negative Acknowledgement file

Document Viewer

Market Management System

ACKNOWLEDGEMENT MESSAGE

Message Identification	Date and Time	Receiving Message Identification	Receiving Message Version	Receiving Payload Name
912522423	2021-10-31T20:43:00Z	NLL-BE-GB-I-ID0006-211101-01	2	

Sender	Role	Receiver	Role
10X1001A1001A57U	TCA	23X-130410-NBV1	CT

MESSAGE ACKNOWLEDGEMENT STATUS

Reason Code	Reason Title	Reason Text
A03	Message contains errors at the Time Series Level	Allocation constraints exceeded by this set of bids Bid rejected due to breach of allocation constraint

Reason Code	Reason Title	Reason Text
A10	Credit limit exceeded	WARNING ! Bids are accepted under reserve despite they are not covered by the credit limit. 384.00 Euros are needed to cover all bids

GLOBAL TIME SERIES INTERVAL ERRORS

TIME SERIES THAT HAVE BEEN REJECTED OR MODIFIED

Senders Time Series Identification	Senders Time Series Version
BID00001-NLL-BE-GB	2

Start Time Interval / End Time Interval	
2021-10-31T23:00Z/2021-11-01T05:00Z	

Reason Code	Reason Title	Reason Text
A42	Quantity inconsistency	Bid rejected due to breach of allocation constraint

Reason Code	Reason Title	Reason Text
A20	Time series fully rejected	Bid rejected due to breach of allocation constraint

Close

Figure 29 – Example of Partially Accepted Acknowledgement file

Document Viewer

Market Management System

ACKNOWLEDGEMENT MESSAGE

Message Identification	Date and Time	Receiving Message Identification	Receiving Message Version	Receiving Payload Name
1922930352	2022-01-15T09:03:00Z	CORE-Y-BASE-----230101-01	5	

Sender	Role	Receiver	Role
10X1001A1001A57U	TCA	11XDANSKECOM--P	CT

MESSAGE ACKNOWLEDGEMENT STATUS

Reason Code	Reason Title	Reason Text
A01	Message Fully Accepted	

GLOBAL TIME SERIES INTERVAL ERRORS

TIME SERIES THAT HAVE BEEN REJECTED OR MODIFIED

Close

Figure 30 – Example of Positive Acknowledgement file

2.2.2 File Download

Interface Management screen provides access to all documents available in the capacity auction system to which participants have legitimate rights: their bids, the allocation results, their secondary market notifications, their capacity right portfolios and the related acknowledgement files when applies.

► To download a file (such as a Bid File):

- Go to the menu File > Management.
- In Tooltray, click on Filter pane:
 - Select the Document Type, Domain, Status, Horizon.
 - Select Start Date and Stop Date.
 - If Registration time is checked it will be the dates of a period that intersects with the day the searched files were submitted or generated.
 - If Market period is checked, it will be the dates of a period that intersects with the Market period of the searched files.
- Click on the *Refresh* button.

In File List, operators should use **Action icons** to see or download the file contents:

- **First icon** (📄 file open) can be clicked to see the details of the file that was either submitted or issued or generated by the application.

Document Viewer

TIME SERIES BID DOCUMENT

Document Identification			Version	Date and Time			Document Type		
CORE-Y-BASE-----230101-01			5	2022-01-15T09:03:00Z			Bid document		

Sender	Role	Receiver	Role	Bid Start and End Date		Domain	SubjectParty	SubjectRole
11XDANSKECOM-P	CT	10X1001A1001A57U	TCA	2022-12-31T23:00Z/2023-12-31T23:00Z		10Y1001C-00059P	11XDANSKECOM-P	CT

TS Id.	Auction Id.	Type	In Area	Out Area	Unit	Currency	Unit Price	Divisible	Block Bid
BID00060-BE-DE	CORE-Y-BASE-----230101-01	EXT	10YCB-GERMANY-8	10YBE-----2	MW	EUR	MWH	YES	NO

Period Begin and End Date/Time				Resolution					
2022-12-31T23:00Z/2023-12-31T23:00Z				P1Y					
Position		Quantity				Price Amount			
1		15.0				3.04			

TS Id.	Auction Id.	Type	In Area	Out Area	Unit	Currency	Unit Price	Divisible	Block Bid
BID00050-BE-DE	CORE-Y-BASE-----230101-01	EXT	10YCB-GERMANY-8	10YBE-----2	MW	EUR	MWH	YES	NO

Period Begin and End Date/Time				Resolution					
2022-12-31T23:00Z/2023-12-31T23:00Z				P1Y					
Position		Quantity				Price Amount			
1		15.0				3.14			

TS Id.	Auction Id.	Type	In Area	Out Area	Unit	Currency	Unit Price	Divisible	Block Bid
BID00051-BE-DE	CORE-Y-BASE-----230101-01	EXT	10YCB-GERMANY-8	10YBE-----2	MW	EUR	MWH	YES	NO

Period Begin and End Date/Time				Resolution					
2022-12-31T23:00Z/2023-12-31T23:00Z				P1Y					
Position		Quantity				Price Amount			
1		15.0				3.13			


TS Id.	Auction Id.	Type	In Area	Out Area	Unit	Currency	Unit Price	Divisible	Block Bid
BID00041-BE-DE	CORE-Y-BASE-----230101-01	EXT	10YCB-GERMANY-8	10YBE-----2	MW	EUR	MWH	YES	NO

Period Begin and End Date/Time				Resolution					
2022-12-31T23:00Z/2023-12-31T23:00Z				P1Y					
Position		Quantity				Price Amount			
1		15.0				3.23			

TS Id.	Auction Id.	Type	In Area	Out Area	Unit	Currency	Unit Price	Divisible	Block Bid
BID00052-BE-DE	CORE-Y-BASE-----230101-01	EXT	10YCB-GERMANY-8	10YBE-----2	MW	EUR	MWH	YES	NO

Close

Figure 31 – Interface Management Document Viewer

- Second icon** ( download) let operators save the file that was submitted or issued or generated by the application onto the local computer. The generated file is available in the browser download area.

4.2.1 Filters

File Management screen provides **filtering features**.

► To access the Auction Display screen:

- Go to Auction menu.

N.B.: Auctions cannot be modified by market participants.

The screenshot displays the 'Auction Management' interface. On the left, a 'Filter' pane includes 'Corridor selection' (All (108)), 'Horizon selection' (Daily), 'Day' (17-12-2024), 'State selection' (All (6)), and a 'Refresh' button. Below this is an 'Actions' dropdown. The main area shows a 'bid screen after having selected the auction.' with summary statistics: Intraday: 37 033 997.76 EUR, Daily: 37 033 997.76 EUR, Less than Month: 41 082 308.11 EUR, Monthly: 37 033 997.76 EUR, and More than a month: N/A. Below these is an 'Auction List' table with columns: Actions, Corridor, Horizon, Market period start, Market period end, Auction identification, Current state, and Number of bids. The table lists several auctions with 'View Bids' links. At the bottom, a tabbed interface shows 'Auctioning parameters' (Merit Order, Improved Prorata), 'Pricing parameters' (Uniform price, EUR/MWH), 'Capacity percentages' (100%), and 'Credit limits' (Enable credit limit checking).

Actions	Corridor	Horizon	Market period start	Market period end	Auction identification	Current state	Number of bids
View Bids	UA-PL	Daily	17-12-2024 00:00	18-12-2024 00:00	UA-PL-D-DAILYPRODU-241217-01	Published results	0
View Bids	PL-UA	Daily	17-12-2024 00:00	18-12-2024 00:00	PL-UA-D-DAILYPRODU-241217-01	Published results	0
View Bids	CH-FR	Daily	17-12-2024 00:00	18-12-2024 00:00	CH-FR-D-DAILYPRODU-241217-01	Closed	0
View Bids	FR-CH	Daily	17-12-2024 00:00	18-12-2024 00:00	FR-CH-D-DAILYPRODU-241217-01	Closed	0
View Bids	EL1-FR-GB	Daily	17-12-2024 00:00	18-12-2024 00:00	EL1-FR-GB-D-DAILY-241217-01	Published results	0
View Bids	NL-BE	Daily	17-12-2024 00:00	18-12-2024 00:00	NL-BE-D-SHADOW-241217-01	Published	0
View Bids	BE-NL	Daily	17-12-2024 00:00	18-12-2024 00:00	BE-NL-D-SHADOW-241217-01	Published	0
View Bids	NL-DK	Daily	17-12-2024 00:00	18-12-2024 00:00	NL-DK-D-SHADOW-241217-01	Published	0

Figure 33 – Auction Display Screen

Participants can filter the auctions they want to display using the Filter pane.

► To filter the listed auctions:

- In Filtering criteria, select:
 - **Corridor** (Multiple selections are allowed by clicking on Ctrl)
 - **Auction state** (Published, Pre-open, Open, Closed, Published results, Cancelled) (Multiple selections are allowed). At the first opening of the screen, the default selected values are “Pre-open” and “Open”. If the user changes the selected values for auction state filter, then next opening of the screen will use these values.
 - **Horizon** (Multiple selections are not allowed)
- Click on *Refresh* button.

Auctions matching the search criteria are listed in the List pane with the following information:

Table 6: Auction Information

Column	Description
Action	This column contains two icons: <ul style="list-style-type: none"> • New/Edit Bids: open the Bid matrix screen in edit mode in order to declare new Bids or to modify/cancel Bids on the selected auction. This icon is available only if the auction is Pre-open or Open. • View Bids: open the Bid matrix screen in read-only mode in order to display Bids for the selected auction. This icon is available whatever the auction state.
Corridor	The names of the border cross section for which the NTC-Based auctions auction is defined.
Horizon	The type of time horizon (Yearly, Monthly, Daily, Intraday).
Market period start	Delivery start
Market period stop	Delivery stop
Auction identification ⁽¹⁾	Identification of the auction : the reference for the bids to be submitted
Current state	Current state of the auction (Published, Pre-open, Open, Closed, Published results, Canceled)
Nb of Bids	If the auction is opened or pre-opened: number of valid (Fully Accepted) bids already submitted by the connected Trader on this auction
Column	Description
Bid Time Left	Display the remaining time before ‘Bid submission’ gate closure in case the auction is marked as open or pre-open. It is the remaining time for bidding before auction closure.

By default, the auction list is sorted by increasing Bid time left.

More information can be displayed on an auction once selected from the list and scrolling down to the Details pane.

► When selecting an auction in List pane, Details pane is updated

automatically. To improve readability, detailed information is organized in tabs.

The various tabs displayed are described below.

2.2.3 Auction identification

The “Auction identification” tab provides the same information as found in the list, along with a timetable summarizing the life cycle of the auction.

► In this tab, all the identification information of the selected auction is displayed.

Auction identification	Auctioning parameters	Bidding parameters	Gates	Products	Allocation Constraints	Comments								
Auction identification														
Auction identification: BDL-GB-NL-Y-BASE—240101-01														
Corridor: BDL-GB-NL														
Market period: 01-01-2024 00:00 - 01-01-2025 00:00														
Horizon: Yearly														
Auction state														
<table><tr><th>State name</th><th>State creation time</th></tr><tr><td>Created</td><td>03-11-2022 11:23</td></tr><tr><td>Published</td><td>06-11-2022 08:00</td></tr><tr><td>Cancelled</td><td>02-03-2023 15:30</td></tr></table>							State name	State creation time	Created	03-11-2022 11:23	Published	06-11-2022 08:00	Cancelled	02-03-2023 15:30
State name	State creation time													
Created	03-11-2022 11:23													
Published	06-11-2022 08:00													
Cancelled	02-03-2023 15:30													

Figure 34 – Auction identification

- In Auction identification part
 - **Auction identification:** the reference needed for all the bids
 - *Corridor*
 - **Market Period** with the start/stop date
 - **Horizon** (Monthly, Daily...)
- In Auction state there is the history of all the status of the auction with the state creation time. The last row in the list corresponds to the current state of the auction.

2.2.4 Auction Parameters

► In this tab, all the auction parameters information of the auction selected are displayed. All fields are read-only.

Figure 35 – Auction Parameter

- In Auction Type part, the information displayed are:
 - **Auction Type:** Sealed
 - **Allocation mechanism:** Merit Order
- In Pricing parameters part:
 - **Price measure unit** (MWh) : configured for the corridor of the auction.
 - **Pricing procedure:** Uniform price.
- In Transfer parameters part:
 - Transfer parameter **Resale allowance** tells if Resale is allowed from yearly auction to monthly auction.
 - Transfer parameter **Transfer allowance** tells if Transfer is allowed. It can only be done on yearly and monthly auctions.
 - Transfer parameter **Resale rule** tells if unused LT capacity is resold to daily auction (UIOSI principle)
- In Capacity percentages (ATC percentage = 100%)
- In Credit limit parameters part:
 - **Credit limit checking** parameter tells if financial guarantees are checked for the given auction.
 - **Bid rejection at bidding time** tells if bids can be rejected due to lack of credit limit.
 - *Period to be secured.*
 - **X/N rule** parameter is applied for long-term auction products with more than one month.

2.2.5 Bidding Parameters

► In this tab, all the bidding parameters information of the auction selected are displayed. All fields are read-only.

Bidding parameters

Bids and blocks

Maximum number of bids: 20

☐ Coupled bids allowance

Bid quantity

Maximum participant rate: 100 %

Maximum quantity: MW

Bid quantity increment: 1 MW

Bid price

Currency: Euro

Bid price increment: 0.01 EUR/MW

Figure 36 – Bidding Parameter

- Define Bids & blocks:
 - **Maximum number of bids** the connected participant can submit for each corridor of the auction
 - Checked if **Coupled bids** are allowed.
- Define Bid quantity
 - *Maximum participant rate: 100%*
 - **Maximum quantity:** MW
 - **Bid quantity increment** (the bid quantity must be a multiple of this quantity)
- Define Bid price
 - *Currency: Euro*
 - **Bid price increment.** Bid price must be a multiple of this value.

2.2.6 Auction Gates

In **eCAT**, some processes are triggered at the opening or the closure of auction gates such as auction publication, auction clearing or auction results processing.

► In this tab, all information about the various gates, linked to the selected auction, are displayed. All fields are read-only.

Auction identification	Auctioning parameters	Bidding parameters	Gates	Products	Allocation Constraints	Comments
Name	Opening mode	Opened	Open time	Closure mode	Closed	Closure time
Auction cancellation	Automatic	Yes	06-11-2022 08:00	Manual	Yes	
Pre-bidding	Manual	Yes		Manual	Yes	
Auction creation	Automatic	Yes	03-11-2022 11:22	Automatic	Yes	06-11-2022 08:00
ATC publication	Automatic	Yes	06-11-2022 08:00	Automatic	Yes	29-03-2023 07:50
LT resale	Automatic	Yes	06-11-2022 08:00	Automatic	Yes	29-03-2023 11:38
ATC submission	Automatic	Yes	06-11-2022 08:00	Automatic	Yes	29-03-2023 11:40
Default bidding	Automatic	Yes	06-11-2022 08:00	Automatic	Yes	29-03-2023 11:41
Bid submission	Automatic	Yes	30-03-2023 11:50	Automatic	Yes	31-03-2023 11:50
Auction evaluation	Automatic	Yes	31-03-2023 11:55	Automatic	Yes	31-03-2023 12:15
Dispute submission	Automatic	Yes	31-03-2023 12:15	Automatic	Yes	31-03-2023 16:15
Dispute processing	Automatic	Yes	31-03-2023 16:15	Automatic	Yes	03-04-2023 11:15

Figure 37 – Auction Gate

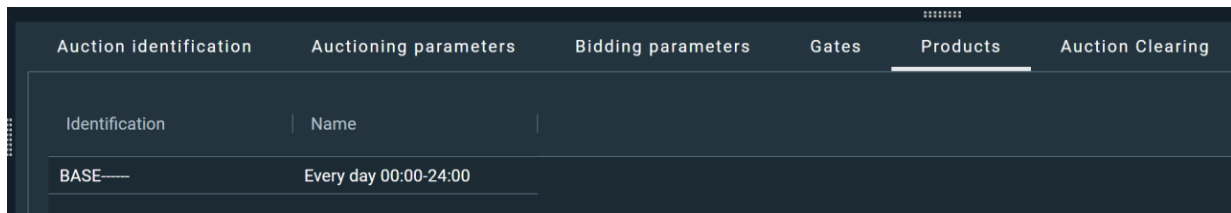
The Gate list is displayed with the following information:

Table 7: Gate List

Column	Description
Name	Gate name
Opening mode	Automatic / Manual
Opened	Yes / No
Open time	Open date Format is “DD-MM-YYYY hh:mm”, local time.
Closure mode	Automatic / Manual
Closed	Yes / No
Closure time	Closure date Format is “DD-MM-YYYY hh:mm”, local time.
Closure time max	Closure date max Format is “DD-MM-YYYY hh:mm”, local time.

2.2.7 Products

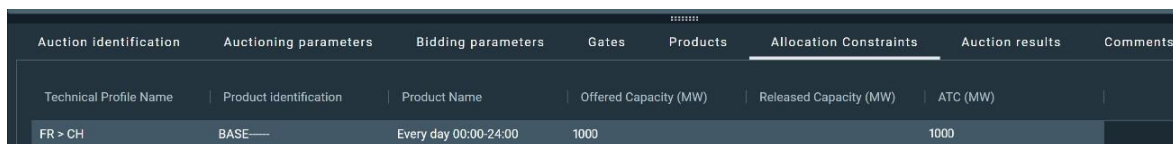
► In this tab, all the Products information of the selected auction are displayed. All fields are read-only.



Auction identification	Auctioning parameters	Bidding parameters	Gates	Products	Auction Clearing
Identification	Name				
BASE	Every day 00:00-24:00				

Figure 38 – Products

2.2.8 Allocation Constraints (NTC)



Auction identification	Auctioning parameters	Bidding parameters	Gates	Products	Allocation Constraints	Auction results	Comments
Technical Profile Name	Product identification	Product Name	Offered Capacity (MW)	Released Capacity (MW)	ATC (MW)		
FR > CH	BASE	Every day 00:00-24:00	1000	1000			

Figure 39 – Allocation Constraints tab (NTC)

The Allocation Constraints tab display the following information:

► The tab Allocation Constraints displays information of the ATC released capacity and Offered Capacity (NTC) for NTC-based auction.

Table 8: Allocation Constraints Information (case NTC-based auction)

Column	Description
Technical Profile Name	The related Corridor of the auction (e.g., FR-CH)
Product identification	The related product (e.g., BASE, Peak, Offpeak...)
Product name	The product name (e.g., Every day 00:00-24:00, Onpeak, Offpeak...)
Offered Capacity (MW)	The offered capacity
Released Capacity	The resold capacity
ATC (MW)	The available capacity

2.2.9 Auction Results

► Auction results tab must be visible only when auction results have been published: the current state of the auction must be “Published results”.

This tab displays the main auction results of the current auction. So, one row in the list corresponds to a product. Only products corresponding to the current auction are displayed.

Auction identification		Auctioning parameters		Bidding parameters	Gates	Products	Allocation Constraints	Auction results	Maintenance periods	Com >
Allocation Border		Product Identification	Product name	Offered capacity (MW)	Requested capacity (MW)	Allocated capacity (MW)	Auction price (EUR/MWh)	Shadow prices		
D2-D1		BASE	Every day 00:00-24:00	75	855	75	8.66	Details		

Figure 40 – NTC-based Auction Results

The Auction results list is displayed with the following information:

Table 9: Auction Results Information (case NTC-based auction)

Column	Description
Allocation Border	Allocation Border on which capacity was offered
Product identification	Identification
Product Name	Name of the product
Offered Capacity (MW)	Offered Capacity (is expressed in MW).
Requested capacity (MW)	Requested Capacity (is expressed in MW). Sum of the bids (total demand)
Allocated capacity (MW)	Allocated capacity (is expressed in MW). Total allocated capacity for all participants.
Auction price (EUR/MWh)	Marginal price (is expressed in EUR/MWh): Equals to zero if demand is lowest than the offered capacity. Otherwise equals to the price of the last awarded bid.
Shadow prices	

2.2.10 Comments

A comment can be added by the system operator and viewed by the participant

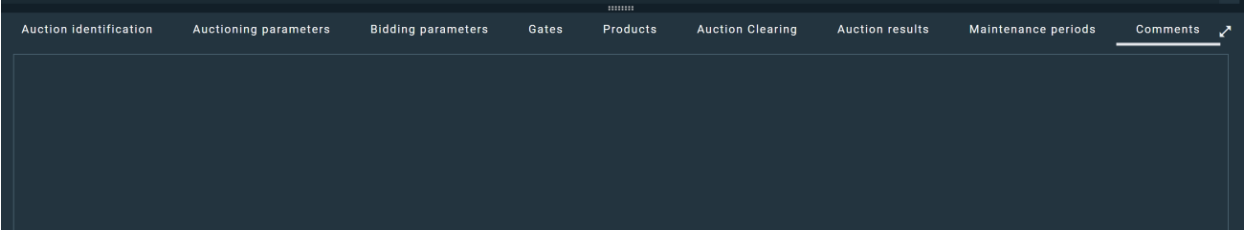


Figure 41 – Comments

2.3 Bid Management

ECAT provides the participant to display all bids whose bidder party corresponds to the party represented by the connected user.

The submission of bids to the ECAT system by Market Participants can be done in two ways:

- Entering the bids through the web interface on the “New/Edit Bids” screen.
- Uploading a Bid document compliant with the ECAN specification, version 4r0. In this case an acknowledgment is sent back to the Capacity Trader.

2.3.1 Bid States

The life-cycle of a bid is controlled by a set of states as described in the UML activity diagram below:

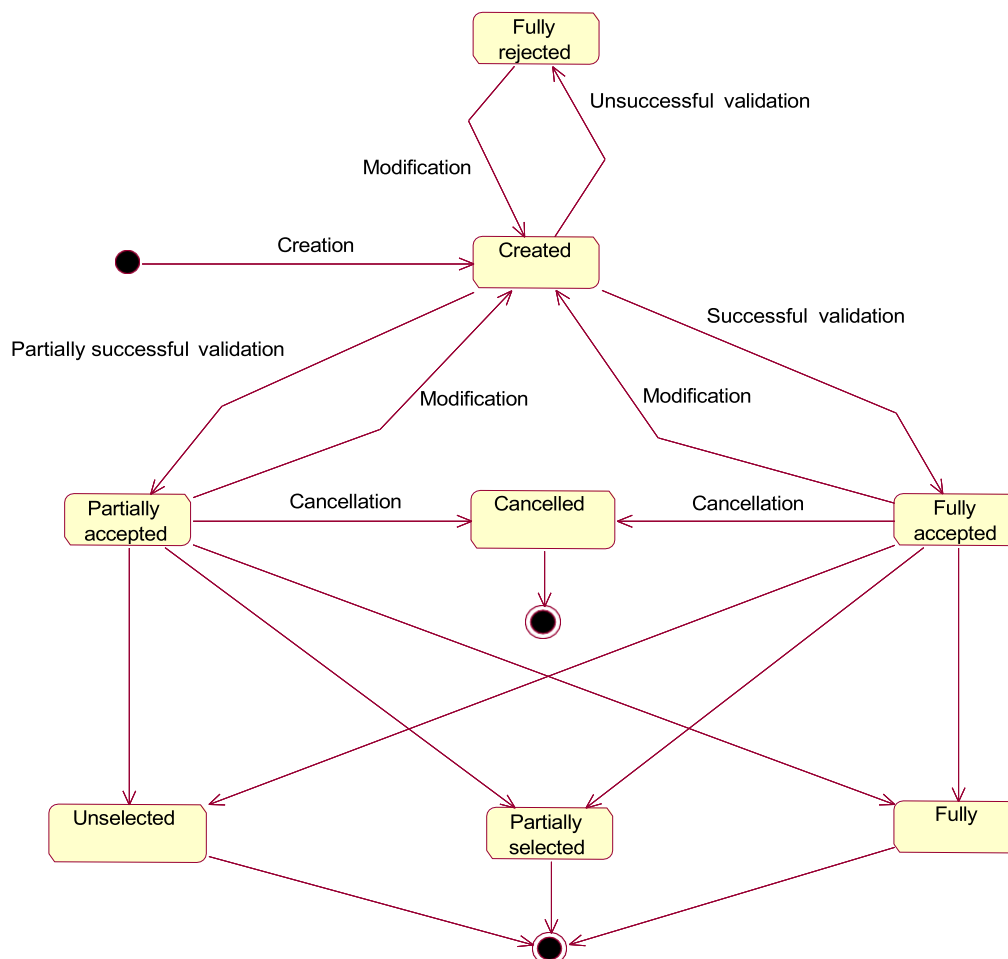


Figure 42 – Bid state diagram.

The bid states are described below:

Table 10: Bid States

State name	Description
Created	<p>This is the initial state of a bid.</p> <p>This is a temporary state; this state is valid only during bid submission. At the end of the submission, bids are validated automatically by the Bid upload process, and they get into 'Full accepted', 'Partially accepted' or 'Rejected' state.</p>
Fully accepted	<p>A bid which has passed all the validation checks without any error: all time intervals (bid blocks) have been fully accepted.</p> <p>If a new version of this bid is submitted (modification), then the modified bid must pass the validation checks again, so the bid must get into 'Created state' again.</p> <p>If the bid is cancelled, then the bid get into 'Cancelled' state.</p>
Partially accepted	<p>A bid which has passed the validation checks with some errors on specific bid blocks: some bid blocks have been accepted whereas some bid blocks have been rejected;</p> <p>If a new version of this bid is submitted, then the modified bid must pass the validation checks again, so the bid must get into 'Created state' again.</p> <p>If the bid is cancelled, then the bid get into 'Cancelled' state.</p>
Fully rejected	<p>If a bid is submitted for the first time and if this bid is fully rejected, then such a bid will never be created in the system. If a new version of a valid Bid (fully accepted or partially accepted) is submitted, and if this new version is fully rejected by the validation checks, then this Bid shall move in 'Fully rejected' state. Such a bid can be resubmitted in a new version and pass the validation checks again, in this case the bid must get into 'Created state' again.</p>
Cancelled	<p>Fully accepted bids or partially accepted bids can be cancelled during the 'Bid submission' gate of the auction. This is a final state.</p>
Fully selected	<p>During the allocation of capacity (clearing phase), if all the bid blocks are fully selected by the allocation algorithm (all the requested capacity is fully selected), then the bid moves into a 'Fully selected' state.</p> <p>This is a final state.</p>
Partially selected	<p>During the allocation of capacity, if only a part (but not all) of the requested capacity is selected by the allocation algorithm (not all the requested capacity is selected), then the bid moves into a 'Partially selected' state.</p> <p>This is a final state.</p>
Unselected	<p>During the allocation of capacity, if for all the bid blocks no quantity is selected then the bid moves into an 'Unselected' state. This is a final state.</p>

2.3.2 Bid Submission Checks

In order to be integrated by the eCAT system, bids must abide by the following rules:

- Bids must be received before closure of the 'Bid submission' gate.
- Participants must own an entitlement for the directed border and for the horizon of the auction.

- A Bid document should contain all the Bids on one single auction.
- If other users from the same company previously placed bids on corridors for which the user doesn't have entitlements, the bid placed earlier should be present and unchanged in the submitted bid document (no creation/modification/deletion of bids for corridors without entitlements).
- For a given corridor on an auction, participants cannot bid for more than the offered capacity.
- For a given auction, participants cannot bid for more than the maximum participant rate which is a percentage of the offered capacity whose default value is defined in the bidding parameters of the auction and thus declared in the auction specification.
- The number of Bids for each corridor of a defined auction must be lower than the Maximum number of Bids declared in the auction specification.
- Bid price must be a multiple of the Bid Price Increment if any was defined in the auction specification.
- Bid price must be equal or higher than the reserved price of the auction.
- Bid quantity must be a multiple of the Bid Quantity Increment if any was defined in the auction specification.
- The Bid currency must be Euro.
- The unit of measurement for Bid price must be MWH.
- Credit limit must be higher than total bid price, when Credit Limit checking parameter is enabled for the given auction ⁽¹⁾
- The bid certificate for the bid signature must be the correct one

During the **Pre-Bidding** gate, capacity traders may submit bids (**pre-bids**) but some checks will not be performed until the bidding gate opens:

- Sum of bid quantities is not checked against Offered capacity as ATC may still change during the pre-bidding phase.
- Financial guarantees are not checked ⁽²⁾

When the Bid Submission gate opens, above checks are performed on pre-bids along with all other checks already performed when they were submitted. Pre-bids will be rejected if they fail those validations.

2.3.3 Credit Limit checking

“Bank guarantees” – Registered Participant can provide JAO with a collateral in form of the bank guarantee. Bank Guarantees must be manually registered in the Auction system by JAO.

“Deposits” - The capacity auction system gets periodic reporting from the Bank about the balance account (BA) of Trader's business account.

“Potential Liabilities” of a trader are determined as the sum of values of bids (based on the bid price) already submitted:

¹ See next section on credit limit checking.

² See next section on credit limit checking.

- On monthly auctions whose clearing gate is not opened yet
- On yearly auctions whose clearing gate is not opened yet
 - in this case liabilities may be set as 2/12 of the values of bids (based on the Bid price) already submitted. This happens only when there is no possibility to invoice potential capacities in advance (otherwise 1/12 is used).

“Actual Liabilities” of a trader are determined as the sum of values of bids fully or partially selected (based on the Auction price) already submitted:

- On monthly auctions whose Auction evaluation gate is closed
- On yearly auctions on yearly auctions whose Auction evaluation gate is closed
 - in this case liabilities may be set as 2/12 of the values of bids (based on the Auction price) already submitted. This happens only when there is no possibility to invoice potential capacities in advance (otherwise 1/12 is used).

“Credit Limit” is available amount of money that can be used by the trader for future bidding. Credit Limit is calculated as:

$$\text{Credit Limit} = \text{Bank Guarantees} + \text{Deposits} - \text{Actual Liabilities}$$

Some auctions may allow conditional acceptance of bids even when Credit Limit is not sufficient (liabilities of newly submitted bids are higher than Credit Limit). In such cases a warning with missing amount of money is issued in the acknowledgement file upon receipt of those new bids. The trader has an option to update value of bids, increase Deposits on bank account or increase Bank guarantees. If no action is done and Credit Limit is still not sufficient at the end of Bidding period (before the clearing is run) bids are rejected one by one starting with the one having the lowest price until Credit Limit is sufficient.

2.3.4 New Bid Creation through UI

When bids are directly entered through the web page, the system carries out all necessary data validation.

Through the auction screen, participants can submit new bids for a selected auction. To do this, in Auction screen, the User has to select an auction in Auction list and then click on ‘New/Edit Bids’ button in column Action.

Users can also create new bids through submenu ‘New/Edit bids’ in Bid menu.

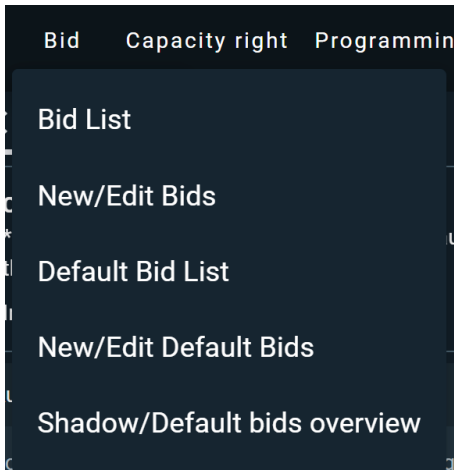


Figure 43 – New/Edit Bids submenu.

The “New/Edit Bids” screen displays all the bids for a given auction on the same screen, as a matrix.

In this way, the User can submit several Bids to a given auction at the same time and in a single step.

The presentation differs according to the horizon of the auction:

- Intraday/Daily auctions: bids are displayed in columns and products are displayed in rows by corridor.
- Long-Term auctions: bids are displayed in rows and the corridor is displayed in column.

New/Edit Bids

Credit Limit: Deposits: 30,090,384.20 Bank guarantees: 0.00 EUR Potential Liabilities (Total): 0.00 Potential Liabilities (Filtered): 0.00 Credit Limit: 30,090,384.20

Realtime Credit Limit at 15/08/2023 12:01: Realtime Potential Liabilities (Total): 0.00 Realtime Potential Liabilities (Filtered): 0.00

To paste from Excel press CTRL+V (***) Edited Bid Download example xls

Bid Corridor(s) selection: All (6) Saved bids (Total): 0 Saved bids (Filtered): 0

Reset to current bid values Save (filtered) Clear all bids (filtered)

DE(50HZ) CZ			PL CZ			PL SK			SK PL		
Bid ID	Quantity (MW)	Price (EUR/MWH)	Bid ID	Quantity (MW)	Price (EUR/MWH)	Bid ID	Quantity (MW)	Price (EUR/MWH)	Bid ID	Quantity (MW)	Price
001			001			001			001		
002			002			002			002		
003			003			003			003		
004			004			004			004		
005			005			005			005		
006			006			006			006		
007			007			007			007		
008			008			008			008		
009			009			009			009		
010			010			010			010		
011			011			011			011		
012			012			012			012		

Figure 44 – Yearly Bid Creation on a CEE Auction.

New/Edit Bids

Bid Corridor(s) selection

All (1)

Saved bids (Total): 0

Saved bids (Filtered): 0

Reset to current bid values

Save (filtered)

Clear all bids (filtered)

To paste from Excel press CTRL+V

(***) Edited Bid

Download example xls

BORDER: I-HU-SI

Clear Bids

BID001-HU-SI

+

Product Name	Offered capacity (MW)	Total bided qty (MW)	Quantity (MW)	Price (EUR/MWH)
00:00-01:00	10000	0		
01:00-02:00	10000	0		
02:00-03:00	10000	0		
03:00-04:00	10000	0		
04:00-05:00	10000	0		
05:00-06:00	10000	0		
06:00-07:00	10000	0		
07:00-08:00	10000	0		
08:00-09:00	10000	0		
09:00-10:00	10000	0		
10:00-11:00	10000	0		
11:00-12:00	10000	0		
12:00-13:00	10000	0		
13:00-14:00	10000	0		
14:00-15:00	10000	0		
15:00-16:00	10000	0		

LEGAL NOTICE | CONTACT US | SUPPORT + 352 27 62 38 38 | JOINT ALLOCATION OFFICE S.A.®

Figure 45 – Bid Creation on Daily Auction.

► To create a new bid

When the new bid is requested from the auction screen, the auction parameters and the auction ID are automatically displayed.

- The first set of fields available in the screen act as filters to narrow the list of selectable auctions.
 - Select a **Corridor**
 - Select a **Horizon**
 - Select a Market Period (Auction delivery period)
 - For Daily Horizon: select a Day in DD-MM-YYYY format, for example: 24-04-2023.
 - For Monthly Horizon: select a Year (for example: 2023) and a Month (for example: May)
 - For Yearly Horizon: select a Year (for example: 2023)
 - Choose **Auction identification** among the drop-down list.

The listed auctions are all auctions defined for the selected horizon, market period and corridor, with a 'Pre-Open' or 'Open' status.
- Credit Limit are summarized in the top section of the screen.
- In the Bid list part, the system displays a Bid matrix:
 - Daily Auctions: One empty Bid is displayed with 1 column for Bid Qty and 1 column for Bid Price. The products sold on the selected auction are displayed in rows. The system also displays the Offered capacity, the total bid quantity per hour, and the total Offered capacity over all the hours. To add a new bid, click on the “+” button situated in the upper right corner, next to the bid identification. The user will be notified when he has reached the limit of bids.

Product Name	BORDER: HU-SI		Clear Bids	(***) BID001-HU-SI	Clear Bids	BID002-HU-SI	+
	Offered capacity (MW)	Total bided qty (MW)	Quantity (MW)	Price (EUR/MWH)	Quantity (MW)	Price (EUR/MWH)	
00:00-01:00	10000	15	15	3.23			
01:00-02:00	10000	15	15	3.22			
02:00-03:00	10000	15	15	3.21			
03:00-04:00	10000	15	15	3.2			
04:00-05:00	10000	15	15	3.19			
05:00-06:00	10000	15	15	3.18			
06:00-07:00	10000	15	15	3.17			
07:00-08:00	10000	15	15	3.16			
08:00-09:00	10000	15	15	3.15			
09:00-10:00	10000	15	15	3.14			
10:00-11:00	10000	15	15	3.13			
11:00-12:00	10000	15	15	3.12			
12:00-13:00	10000	15	15	3.11			
13:00-14:00	10000	15	15	3.1			
14:00-15:00	10000	15	15	3.09			
15:00-16:00	10000	15	15	3.08			

Figure 46 – Add new daily bid.

- LT Auctions: N empty Bids are displayed in rows with 1 column for Bid Price and 1 column for Bid Qty where N is the maximum number of Bids. The system also displays the Offered capacity and the total bided quantity.

Credit Limit:

Deposits: 1,007,216,880,000.74

Bank guarantees: 0.00 EUR

Potential Liabilities (Total): 2,098,434.00
Potential Liabilities (Filtered): 2,098,434.00

Credit Limit: 1,007,214,409,172.34

Realtime Credit Limit at 15-01-2023 10:11:

Realtime Potential Liabilities (Total): 2,098,434.00
Realtime Potential Liabilities (Filtered): 2,098,434.00

To paste from Excel press CTRL+V
(***) Edited Bid
Download example xls

Bid Corridor(s) selection

BE-DE, DE-BE, BE-FR, SK-PL

Saved bids (Total): 80
Saved bids (Filtered): 80

Reset to current bid values

Save (filtered)

Clear all bids (filtered)

BE-DE				DE-BE				BE-FR				SK-PL		
Bid ID	Quantity (MW)	Price (EUR/MWH)		Bid ID	Quantity (MW)	Price (EUR/MWH)		Bid ID	Quantity (MW)	Price (EUR/MWH)		Bid ID	Quantity (MW)	Price (EUR/MWH)
021	15	3.23		021	20	1.2		021	20	2.24		021	10	1.9
022	15	3.22		022	20	1.19		022	21	2.23		022	10	1.9
023	15	3.21		023	20	1.18		023	22	2.22		023	10	1.9
024	15	3.2		024	20	1.17		024	23	2.21		024	10	1.9
025	15	3.19		025	20	1.16		025	24	2.2		025	10	1.9
026	15	3.18		026	20	1.15		026	25	2.19		026	10	1.9
027	15	3.17		027	20	1.14		027	26	2.18		027	10	1.8
028	15	3.16		028	20	1.13		028	27	2.17		028	10	1.8
029	15	3.15		029	20	1.12		029	28	2.16		029	10	1.8
030	15	3.14		030	20	1.11		030	29	2.15		030	10	1.8
031	15	3.13		031	20	1.1		031	30	2.14		031	10	1.8
032	15	3.12		032	20	1.09		032	31	2.13		032	10	1.8

Figure 47 – Add new LT bid.

The participant must enter Bid quantity and Bid Price for each product sold on the selected auction. Besides, the Participant may enter several Bids at the same time through this Bid Matrix screen.

- For daily auction, there will be 24 hourly products to specify. If no bid is to be declared on a given hour, leave a 0 for both quantity and price.

The system automatically generates the corresponding ECAN Bid file and internally uploads it into the system.

- A page is displayed allowing submitting participants to follow the current processing (same as for any file upload), and its result.



Action	Ack	Logging time	Message	Status	Market period start
> [icon]	[icon]	15-01-2023 10:11	A new file '10X1001A1001A57U_CORE-Y-BASE—240101-01_8.xml' has been detected by the system, start of analysis of this new file	Fully accepted	
> [icon]	[icon]	15-01-2023 10:11	Parsing of bid file '10X1001A1001A57U_CORE-Y-BASE—240101-01_8.xml' ended. File is 'fully accepted' : 0 bids created, 80 bids modified, ...	Fully accepted	01-01-2024 00:00

Figure 48 – New Bid: Status of the creation.

Clicking on the cross brings back to “New/Edit Bids” creation screen with the same Horizon, Market Period, Corridor and Auction ID filters as in the previous display.

► To view a new bid document:

- Once the process is complete, go to File -> Management
 - Select Bid as **document type**
 - Enter the **start/stop date** corresponding to the time the bid was created (registration time checked) or the start/stop date corresponding to the market period of the associated auction (Market period checked).
 - The document list displays the bid document submitted to the system.

Figure 50 – View the Bid document.

► To download a new bid document:

- Select your new bid document.
- Click on save icon in Action column

► To see the new bid document acknowledgment:

- Select your new bid document.
- Click on open icon in Acknowledgement column. The XML will be displayed in a viewer.

Document Viewer

Market Management System

ACKNOWLEDGEMENT MESSAGE

Message Identification	Date and Time	Receiving Message Identification	Receiving Message Version	Receiving Payload Name
2141308962	2023-01-15T09:12:00Z	CORE-Y-BASE-----240101-01	10	

Sender	Role	Receiver	Role
10X1001A1001A57U	TCA	11XDANSKECOM-P	CT

MESSAGE ACKNOWLEDGEMENT STATUS

Reason Code	Reason Title	Reason Text
A01	Message Fully Accepted	

GLOBAL TIME SERIES INTERVAL ERRORS

TIME SERIES THAT HAVE BEEN REJECTED OR MODIFIED

Close

Figure 51 – New Bid: View acknowledgement of new Bid document.

2.3.5 New Bid creation through File Upload

The procedure to upload a bid file into the capacity auction system is the generic procedure to upload a file into the capacity auction system. It is done from the File Upload screen.

The parsing follow-up and the review of acknowledgement can be done with File Download screen. Please refer to preliminary sections to get the detailed instructions on how to upload a file, check the acknowledgement status and review the details of acknowledgement.

For a given auction, all the Bids have to be submitted within the same ECAN Bid document.

If the Trader wants to modify or cancel one or several Bid(s) for this given auction, he will have to submit a new ECAN Bid document with the same document ID and an incremented document version.

2.3.6 Copy/paste from Excel

The system offers the possibility to copy Bids from an Excel sheet and paste them to the “New/Edit Bids” screen.

► To copy/paste Bids from Excel:

- Enter the “New/Edit Bids” screen (from Auction screen or Bid screen)
- Download the Excel template for the bids and create the bids
- In the Excel sheet, select the data grid content to be copied.
- Copy the selected content to the clipboard (Press CTRL-C on the keyboard or make a right click and select Copy in the contextual menu)
- Go back to the “New/Edit Bids” screen and Press CTRL-V to paste the selected content from the clipboard.

Note that the System performs some basic validation checks:

- LT auctions:
 - Rows number should be equal or less than the maximal number of Bids.
 - Columns number should be a multiple of 2.
 - The header of the bid must be the corridor for which the bids are created and will occupy 2 columns, corresponding to the quantity and the price.
 - Quantity and Price must be numbers.
 - If the Price contains decimals the separator must be “.”
- Daily auctions:
 - Rows number should be equal to the number of hours within the delivery day of the auction (23, 24 or 25).
 - Columns number should be a multiple of 2.
 - Columns number should be equal or less than the $2*N$ where N is the maximal number of Bids.
 - The header of the bid must be the corridor for which the bids are created and will occupy 2 columns, corresponding to the quantity and the price.
 - Quantity and Price must be numbers.
 - If the Price contains decimals the separator must be “.”

2.3.7 View bid screen

Through the auction screen, participants can view in the same screen in read-only mode all the bids that have been submitted to the selected auction.

To do this, in Auction screen, the User must select an auction from the Auction list and then click on ‘View Bids’ button in column Action.

The “View Bids” screen displays all the bids for a given auction on the same screen in read-only mode, as a matrix.

The user could also access to the “View Bids” screen through the menu **Bid -->View Bids**.

► When the “View Bids” screen is accessed from the auction screen, the filtering criteria are automatically filled.

In the Bid list part, the system displays a Bid matrix:

- Daily Auctions: Bids are displayed in columns with 1 column for Bid Price and 1 column for Bid Qty. The products sold on the selected auction are displayed in rows. The system also displays the Offered capacity, the total bided quantity per hour, the total Offered capacity over all the hours and the total bided quantity over all the hours.
- LT Auctions: Bids are displayed in rows with 1 column for Bid Price and 1 column for Bid Qty. The system displays also the Offered capacity and the total bided quantity.

2.3.8 Bid List

With the Bid display, participants have access to all bids they have submitted.

To display a bid list, select the Bids submenu in Bid menu, enter filtering criteria and press the refresh button.

Bids List												
Auction identification	Corridor	TSO Border	Bid identificati...	Version	Current State	Divisible	Block bid	Product	Price	Price measure unit	Quantity	Ac
CEEXD-Y-BASE—240101-01	DE(50Hz)-CZ		BID00012-DE(50H...	1	Fully rejected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:0...	3.11	MWH	14	t
CEEXD-Y-BASE—240101-01	DE(50Hz)-CZ		BID00011-DE(50H...	1	Fully rejected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:0...	3.12	MWH	14	t
CEEXD-Y-BASE—240101-01	DE(50Hz)-CZ		BID00010-DE(50H...	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:0...	3.13	MWH	14	t
CEEXD-Y-BASE—240101-01	DE(50Hz)-CZ		BID00001-DE(50H...	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:0...	3.22	MWH	14	t
CEEXD-Y-BASE—240101-01	DE(50Hz)-CZ		BID00002-DE(50H...	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:0...	3.21	MWH	14	t
CEEXD-Y-BASE—240101-01	DE(50Hz)-CZ		BID00003-DE(50H...	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:0...	3.2	MWH	14	t
CEEXD-Y-BASE—240101-01	DE(50Hz)-CZ		BID00004-DE(50H...	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:0...	3.19	MWH	14	t
CEEXD-Y-BASE—240101-01	DE(50Hz)-CZ		BID00005-DE(50H...	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:0...	3.18	MWH	14	t

Bid identification

Bid blocks

Bid parameters

Bid identification:

Bid identification: BID00011-DE(50Hz)-CZ

Auction Identification: ~240101-01

Corridor: DE(50Hz)-CZ

Market period: 01-01-2024 00:00 / 01-01-2025 00:00

Version:

Version: 1

Last version: ☒

Creation time: 15-08-2023 10:01

Creation user: vallentins

Bid state:

State name

Creation time

Created15-08-2023 10:01

Fully accepted15-08-2023 10:01

Parties:

Bidder: DANSKECOM

Subject party: DANSKECOM

Figure 52 – Bid list display (LT auctions).

Bids List

Auction identification	Corridor	TSO Border	Bid identification	Version	Current State	Divisible	Block bid	Product	Price	Price measure unit	Quantity	Accepted
CH-FR-D-DAILYPRODU-230821...	CH-FR		BID00001-CH-FR	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	00:00-01:00	3.22	MWH	14	<input type="checkbox"/>
CH-FR-D-DAILYPRODU-230821...	CH-FR		BID00001-CH-FR	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	01:00-02:00	3.21	MWH	14	<input type="checkbox"/>
CH-FR-D-DAILYPRODU-230821...	CH-FR		BID00001-CH-FR	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	02:00-03:00	3.2	MWH	14	<input type="checkbox"/>
CH-FR-D-DAILYPRODU-230821...	CH-FR		BID00001-CH-FR	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	03:00-04:00	3.19	MWH	14	<input type="checkbox"/>
CH-FR-D-DAILYPRODU-230821...	CH-FR		BID00001-CH-FR	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	04:00-05:00	3.18	MWH	14	<input type="checkbox"/>
CH-FR-D-DAILYPRODU-230821...	CH-FR		BID00001-CH-FR	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	05:00-06:00	3.17	MWH	14	<input type="checkbox"/>
CH-FR-D-DAILYPRODU-230821...	CH-FR		BID00001-CH-FR	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	06:00-07:00	3.16	MWH	14	<input type="checkbox"/>
CH-FR-D-DAILYPRODU-230821...	CH-FR		BID00001-CH-FR	1	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	07:00-08:00	3.15	MWH	14	<input type="checkbox"/>

Bid identification

Bid blocks

Bid parameters

Bid identification:

Bid identification:

BID00001-CH-FR

Corridor:

CH-FR

Market period:

21-08-2023 00:00 / 22-08-2023 00:00

Auction Identification:

DAILYPRODU-230821-01

Version:

Version:

1

Last version:

☒

Creation time:

19-08-2023 09:25

Creation user:

JAO-ADMIN

Bid state:

State name	Creation time
Created	19-08-2023 09:25
Fully accepted	19-08-2023 09:25
Fully selected	19-08-2023 09:26

Parties:

Bidder:

DANSKECOM

Subject party:

DANSKECOM

LEGAL NOTICE | CONTACT US | SUPPORT + 352 27 62 38 38 | JOINT ALLOCATION OFFICE S.A. ®

Figure 53 – Bid list display (Daily auctions).

After displaying the Bid Management view, the displayed bids can be filtered using a set of Filter properties.

► To filter the bids to be displayed:

- In Filtering criteria select
 - Corridor (Multiple selections are allowed)
 - Bid state (Created, Fully accepted, Partially accepted, Fully rejected, Cancelled, Fully selected, Partially selected, Unselected) (Multiple selections are allowed)
 - Version (Multiple selections are allowed)
 - Horizon (Multiple selections are not allowed)
- Click on *Refresh* button.

A row in the list represents one bid.

The result of the bid filtering is displayed in the table with the following information:

Table 11: Bid List Information

Column	Description
Auction identification	Unique identification of the auction to which the bid is addressed
Corridor	The name of the oriented border corridor for which the auction is defined.
TSO Border	TSO Border
Bid Identification	The identification assigned by the sender that uniquely identifies the bid.
Version 1	Version of the bid. All the versions of a bid can be displayed, but only the latest version of a bid is taken into account in the process of auction clearing
Current state	Current state of the selected bid
Divisible	An indication whether or not each element of the bid may be partially accepted or not. A yes indicates it can be partially accepted. By default, this parameter is set to Yes.
Block Bid	Is it a Block Bid? Yes/No
Product	Product associated to a selected auction and one bid block
Qty (MW)	Bid Quantity

¹ **N.B.:** A new version of a bid is created if the operator performs a modification of an existing bid. A new row appears in the Bid table if the filtering criteria specify the selection of all versions of bids.

Column	Description
Price	Bid Price
Price measure unit	Price measure unit (EUR/MWh)
Action	<p>Open: Edit the selected Bid document in a XML viewer.</p> <p>The XML Bid document corresponds to the version of the document for the selected Bid identification.</p> <p>Save : Download the selected document in its original format in a local directory</p>

Users can select a bid in the list. The screen provides detailed information about the selected bid if any.

► To see the details of a bid:

- Select the bid
- The detail part is automatically

updated. The various tabs displayed are described below.

2.3.8.1 *Bid identification*

► In this tab, all the identification information of the bid selected is displayed (all the fields are read-only).

- In Bid identification part
 - *Bid identification.*
 - **Corridor**
 - **Market Period** with the **start/stop date**.
 - **Auction identification** to which the bid is addressed.
- In Version part
 - The **version** of the selected bid
 - If it is the **last version**
 - The **creation time**.
 - The **creation user**.
- In Bid states there is the **history of all the status** of the bid with the state creation date and the state creation user. The last row in the list corresponds to the current state of the bid.
- In Parties
 - **Bidder name**: name of the submitter.
 - **Subject party**: name of the Capacity Trader.

Bid identification

Bid blocks

Bid parameters

Bid identification:

Bid identification:

BID00060-BE-FR

Auction

CORE-Y-BASE

Identification:

230101-01

Corridor:

BE-FR

Market

01-01-2023 00:00 /

period:

01-01-2024 00:00

Version:

Version:

5

Last version:

☒

Creation time:

15-01-2022 10:03

Creation user:

vallentins

Bid state:

State name	Creation time
Created	15-01-2022 10:03
Fully accepted	15-01-2022 10:03

Parties:

Bidder:

DANSKECOM

Subject party:

DANSKECOM

Figure 54 – Bid identification.

2.3.8.2 Bid blocks

► In this tab, all the bid details are displayed: quantity, price... for each product (All the fields are read-only).

Bid identification Bid blocks Bid parameters			
Product identification	Product name	Bid quantity (MW)	Bid price (EUR/MWh)
BASE----	Every day 00:00-24:00	39	2.05

Figure 55 – Bid Blocks.

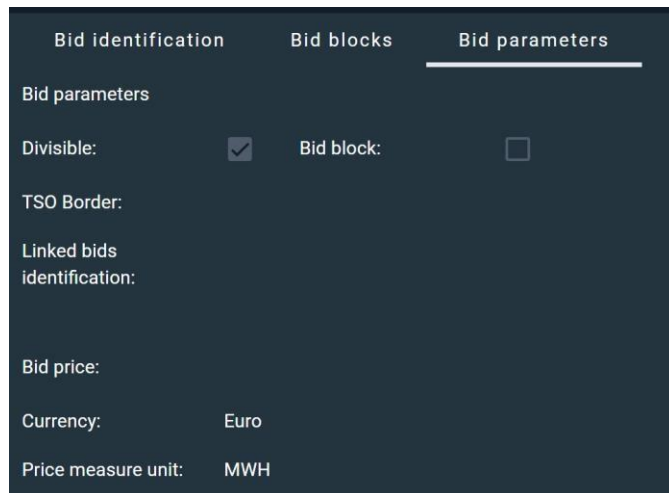
The bid details list displays the following information:

Table 12: Bid Block Information

Column	Description
Product identification	Identification of the product to which the bid is addressed
Product name	Name of the product
Bid quantity	Bid quantity (is expressed in MW)
Bid price	Bid price (is expressed in EUR/MWh)
Awarded quantity	Awarded quantity (Is expressed in MW). Visible only when auction results have been published
Awarded price	Awarded price (Is expressed in EUR/MWh). Visible only when auction results have been published

2.3.8.3 Bid Parameters

► In this tab, all the bid parameter information are displayed (all the fields are read-only).



Bid identification	Bid blocks	Bid parameters
Bid parameters		
Divisible:	<input checked="" type="checkbox"/>	Bid block: <input type="checkbox"/>
TSO Border:		
Linked bids identification:		
Bid price:		
Currency:	Euro	
Price measure unit:	MWH	

Figure 56 – Bid Parameters.

2.3.9 Bid Modification

There are 3 ways to modify bids:

- By submitting of a new version of the original Bid document with an update for the Bid being modified.
 - Submit the same bid document after having updated it with the relevant bid quantity and price and increased the document version by 1 including all bids already contained in the old version of the document.
- By modification through the UI.
 - To modify a bid through the UI from Auction menu:
 - Select in List the auction associated to the bid to be modified.
 - In column Action, click on New/Edit Bids button.
 - An Edit Bid screen is displayed with all the Bid information preset.
 - Change Bid quantity and/or Bid price.
 - Note that if you click the *Reset to current bid values* button, then all your changes are cancelled, and the bid matrix is restored with the values of Bids currently saved in the database.
 - Once all information is filled in, click on the 'Save' button to finish the creation of the new Bids and submit it to the capacity auction system.
 - A new Bid XML file is generated.

Or

- To modify a bid through the UI from Bid tab - > New/edit Bid:
 - An Edit Bid screen is displayed with all the Bid information preset.
 - Change Bid quantity and/or Bid price

- Note that if you click the Reset to current bid values button, then all your changes are cancelled, and the bid matrix is restored with the values of Bids currently saved in the database
- Once all information is filled in, click on the ‘Save’ button to finish the creation of the new Bids and submit it to the capacity auction system.
- A new Bid XML file is generated.

Bid List

File management

Credit Limit:

Deposits: 29,847,733.99

Bank guarantees: 0.00 EUR

Potential Liabilities (Total): 2,094,176.40
Potential Liabilities (Filtered): 2,094,176.40

Credit Limit: 27,089,693.99

Realtime Credit Limit at 15-01-2023 10:11:

Realtime Potential Liabilities (Total): 2,094,176.40

Realtime Potential Liabilities (Filtered): 2,094,176.40

To paste from Excel press CTRL+V
(***) Edited Bid
Download example xls

Bid Corridor(s) selection

BE-DE, DE-BE, BE-FR, SK-PL

Saved bids (Total): 80
Saved bids (Filtered): 80

Reset to current bid values

Save (filtered)

Clear all bids (filtered)

BE-DE				DE-BE				BE-FR				SK-PL			
Bid ID	Quantity (MW)		Price (EUR/MWH)	Bid ID	Quantity (MW)		Price (EUR/MWH)	Bid ID	Quantity (MW)		Price (EUR/MWH)	Bid ID	Quantity (MW)	Price	
001	15		3.21	001	20		1.22	001	20		2.22	001	10	1.9	
002	15		3.2	002	20		1.21	002	21		2.21	002	10	1.9	
003	15		3.19	003	20		1.2	003	22		2.2	003	10	1.9	
004	15		3.18	004	20		1.19	004	23		2.19	004	10	1.9	
005	15		3.17	005	20		1.18	005	24		2.18	005	10	1.9	
006	15		3.16	006	20		1.17	006	25		2.17	006	10	1.9	
007	15		3.15	007	20		1.16	007	26		2.16	007	10	1.9	
008	15		3.14	008	20		1.15	008	27		2.15	008	10	1.9	
009	15		3.13	009	20		1.14	009	28		2.14	009	10	1.8	
010	15		3.12	010	20		1.13	010	29		2.13	010	10	1.8	
011	15		3.11	011	20		1.12	011	30		2.12	011	10	1.8	
012	15		3.1	012	20		1.11	012	31		2.11	012	10	1.8	

Figure 57 – Edit Bid.

2.3.10 Bid Cancellation

There are 2 ways to cancel bids:

- By submitting a new version of the Bid document not including the Time Series of the Bids to be deleted.
 - Submit the same bid document after having removed the relevant bid time series and incremented the document version by 1.
- By a cancel through the UI.

► To cancel a bid through the UI:

- Go to Auction menu.
- Select in List the auction associated to the bid to be cancelled.
 - In column *Action*, click on *New/Edit Bids* button.
 - An Edit Bid screen is displayed with all the Bid information preset.

- Click the *Clear Bid* button linked to the bid you want to cancel. You can also click the *Clear All Bids* button if you want to cancel all the Bids on the selected auction.
- Note that if you click the *Reset to current bid values* button, then all your changes are cancelled, and the bid matrix is restored with the values of Bids currently saved in the database
- Once all information is filled in, click on the ‘Save’ button to finish the creation of the new Bids and submit it to the capacity auction system.
- Once the cancellation is confirmed the bid status changes to ‘Cancelled’ and a new Bid XML file is generated.

Note that you can also access to the Edit Bid screen by clicking on “New/Edit Bids” in the Bid tab.

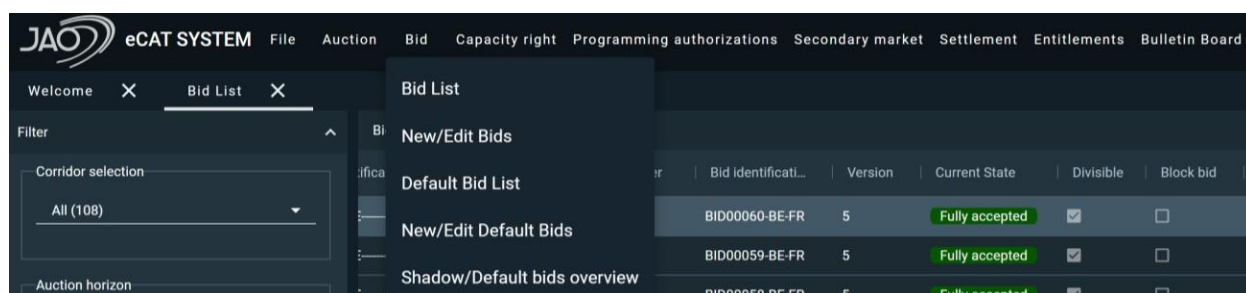


Figure 58 – New/Edit Bids menu.

IMPORTANT NOTE: For **daily auctions** the New/Edit Bids button leads to actions on one single bid time series corresponding to 24 hours of bids.

Consequently, **to cancel a single hourly Bid** via UI, participants should consider bringing up the Edit screen and put a 0 for quantity and price for the desired hour.

2.4 Default bids

ECAT provides the participant the possibility to define default bids. The default bids could be defined:

- For each corridor,
- For each horizon (Intraday, daily, monthly, yearly ...),
- For each auction type (shadow, base, peak ...).

2.4.1 Default Bid submission checks

ECAT provides the participant to display all default bids whose bidder party corresponds to the party represented by the connected user.

The submission of default bids to eCat system by Market Participants can be done through the web interface through the “New/Edit Default bids” screen.

To be integrated by the eCat system, bids must abide by the following rules:

- Price is mandatory.
- Quantity is mandatory.
- Quantity and Price must be numbers.
- Positions on all the hourly intervals are required.
- Default bid prices must be a multiple of 0.01Eur.
- Default bid quantities must not have decimals.
- The Default bid currency must be Euro.
- The unit of measurement for Default bid price must be MWH.
- Traders are not allowed to change default Bids while the corresponding auction is currently running. An explicit error message is displayed if a Trader tries to change default Bids while there is a lock on default bids for the given corridor.
- A Trader can participate in a shadow auction only if he holds an entitlement on the corridor for daily auctions.
- Credit limit is checked for shadow auction at default bidding gate closure (warning only), pre-bidding gate closure if it exists (warning only) and bidding gate closure (rejection of bids until CL is satisfied).

2.4.2 Default Bids exceeding OC

When the total bided quantity exceeds OC of the auction, Bids will be created from default Bids according to a priority order:

- Priority order is implicitly given by the bids price: Bids with the highest price have the highest priority, bids with the lowest price have the lowest priority. (¹)
- Bids are created one by one from default Bids by following the priority order and until total bided quantity exceeds OC of the auction.
- Bid quantity of the last bid that exceeds OC is not used so that total bided quantity is not over the OC.
- Remaining default Bids within the priority order do not lead to creation of Bids.

2.4.3 New default Bid Creation

Users can create new default bids through submenu 'New/Edit Default bids' in Bid menu.

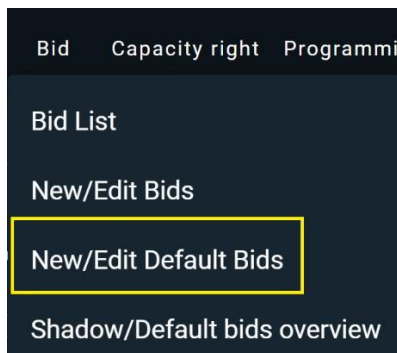


Figure 59 – New/Edit Default bids submenu

The “New/Edit Default bids” screen displays all the default bids for a given corridor on the same screen, as a matrix.

In this way, the User can submit several Default bids to a given corridor at the same time and in a single step.

¹ For daily auctions, the priority order is implicitly given by the bids values: Bids with the highest value have the highest priority, bids with the lowest value the lowest priority. (Bid value = sum of quantity by price for all the positions of the same bid)

Welcome X New/Edit Default Bids X

Market selection

Corridor selection

CZ-DE(50Hz)

Market selection

Yearly base joint market on CEE region

To paste from Excel press CTRL+V
(***) Edited Bid
Download example xls

Bid Corridor(s) selection

All (8)

Saved bids (Total): 0
Saved bids (Filtered): 0

Reset to current default bid values Save (filtered) Clear all default bids (filtered)

CZ-DE(50Hz)			CZ-PL			DE(50Hz)-CZ			DE(50Hz)	
Bid ID	Quantity (MW)	Price (EUR/MWh)	Bid ID	Quantity (MW)	Price (EUR/MWh)	Bid ID	Quantity (MW)	Price (EUR/MWh)	Bid ID	Quantity (MW)
00001	1		00001	1		00001	1		00001	1
00002	1		00002	1		00002	1		00002	1
00003	1		00003	1		00003	1		00003	1
00004	1		00004	1		00004	1		00004	1
00005	1		00005	1		00005	1		00005	1
00006	1		00006	1		00006	1		00006	1
00007	1		00007	1		00007	1		00007	1
00008	1		00008	1		00008	1		00008	1
00009	1		00009	1		00009	1		00009	1
00010	1		00010	1		00010	1		00010	1
00011	1		00011	1		00011	1		00011	1
00012	1		00012	1		00012	1		00012	1
00013	1		00013	1		00013	1		00013	1
00014	1		00014	1		00014	1		00014	1
00015	1		00015	1		00015	1		00015	1

Figure 60 – Default Bid Creation screen

► To create a new default bid

- Select a **Corridor**
- Select a **Market in Market Selection**
- In the default Bid list part, the system displays a Default Bid matrix:

The participant has to enter a Quantity and a Price for each hour of the day (including the missing hour and the repeated hour for clock change). Besides, the Participant may enter several Default Bids at the same time through this Default Bid Matrix screen.

There are 25 hourly products to specify. If no default bid is to be declared on a given hour, leave a 0 for both quantity and price.

- Once all information is filled in, click on the 'Save' button to finish the creation of the new default Bids and submit it to the capacity auction system.
- A page is displayed allowing submitting participants to follow the current processing, and its result.

Welcome
New/Edit Default Bids

Corridor selection

AT-CH

Market selection

Daily market from Austria to Switzerland...
Yearly base market from Austria to Switzerland
Monthly base market from Austria to Switzerland
Daily market from Austria to Switzerland
Shadow Daily market from Austria to Switzerland

To paste from Excel press CTRL+V
(***) Edited Bid
Download example xls

Bid Corridor(s) selection

All (1)
Saved bids (Total): 0
Saved bids (Filtered): 0

Product Name	BORDER: AT-CH	Clear Bids	DEFAULT00011
	Total bided qty (MW)	Quantity (MW)	Price (EUR/MWH)
00:00-01:00	0		
01:00-02:00	0		
02:00-03:00*	0		
02:00-03:00**	0		
03:00-04:00	0		
04:00-05:00	0		
05:00-06:00	0		
06:00-07:00	0		
07:00-08:00	0		
08:00-09:00	0		
09:00-10:00	0		
10:00-11:00	0		
11:00-12:00	0		
12:00-13:00	0		

(*) Missing hour due to DST
(**) Repeated hour due to DST

Figure 61 –Daily market selection on AT-CH

Welcome
New/Edit Default Bids

Corridor selection

CZ-DE(50Hz)

Market selection

Yearly base joint market on CEE region

To paste from Excel press CTRL+V
(***) Edited Bid
Download example xls

Bid Corridor(s) selection

All (8)
Saved bids (Total): 0
Saved bids (Filtered): 0

Reset to current default bid values
Save (filtered)

CZ-DE(50Hz)			CZ-PL			DE(50Hz)-CZ		
Bid ID	Quantity (MW)	Price (EUR/MWH)	Bid ID	Quantity (MW)	Price (EUR/MWH)	Bid ID	Quantity (MW)	Price (EUR/MWH)
00001			00001			00001		
00002			00002			00002		
00003			00003			00003		

Figure 62 – Yearly market selection on CEE

New Bid Notification Event Log							
Action	Ack	Logging time	Message	Status	Market period start	Market period stop	
		15-01-2023 13:01	New default bid 'DEFAULT00011' has been created on 'Daily market from Austria to Switzerland'.				

Figure 63 – Creation’s status of Default Bid

Clicking on the cross brings back to “New/Edit Default Bids” creation screen with the same Horizon, Market Period, Corridor and Auction ID filters as in the previous display.

2.4.4 Copy/paste from Excel

The system offers the possibility to copy Default Bids from an Excel sheet and paste them to the “New/Edit Default bids” screen.

► To copy/paste Default bids from Excel:

- Enter the “New/Edit Default bids” screen (through “New/Edit Default bids” submenu)
- Select a corridor.
- Select an Auction type.
- In the Excel sheet, select the data grid content to be copied.
- Copy the selected content to the clipboard (Press CTRL-C on the keyboard or make a right click and select Copy in the contextual menu).
- Go back to the “New/Edit Default bids” screen and Press CTRL-V in order to paste the selected content from the clipboard.

Note that the System performs some basic validation

- Rows number should be equal to 25.
- Columns number should be a multiple of 2.
- Columns number should be equal or less than the $2*N$ where N is the maximal number of columns.
- The header of the bid must be the corridor for which the bids are created and will occupy 2 columns,
- Quantity and Price must be
- If the Price contains decimals the separator must be

2.4.5 Default Bid Modification

► To modify a Default bid through the UI:

- Enter the “New/Edit Default bids” screen (through “New/Edit Default bids” submenu).
- Select a corridor.
- Select an Auction type.
 - An Edit Default Bid screen is displayed with all the Default Bids that have been previously entered.
 - Change the Quantity and/or the Price.
 - Note that if you click the *Reset to current default bid values* button, then all your changes are cancelled, and the default bid matrix is restored with the values of Default Bids currently saved in the database.
 - Click the *Save* button.

Welcome X New/Edit Default Bids X Default Bid List X

Auction type
Flow-Based Auction

Region selection
NORDIC

Market selection
Joint yearly flow-based auctions on N...

To paste from Excel press CTRL+V
(*** Edited Bid)
[Download example xls](#)

Bid Corridor(s) selection
D2-D1, D1-D2
Saved bids (Total): 40
Saved bids (Filtered): 40

D2-D1				D1-D2			
Bid ID	Quantity (MW)	Price (EUR/MWH)		Bid ID	Quantity (MW)	Price (EUR/MWH)	
021	20	1.99		021	15	1.98	
022	21	2		022	15	1.97	
023	22	2.01		023	15	1.96	
024	23	2.02		024	15	1.95	
025	24	2.03		025	15	1.94	
026	25	2.04		026	15	1.93	
027	26	2.05		027	15	1.92	
028	27	2.06		028	15	1.91	
029	28	2.07		029	15	1.9	
030	29	2.08		030	15	1.89	
031	30	2.09		031	15	1.88	
032	31	2.1		032	15	1.87	
033	32	2.11		033	15	1.86	
034	33	2.12		034	15	1.85	
035	34	2.13		035	15	1.84	

Figure 64 – Edit Default Bids

2.4.6 Default Bid Cancellation

► To cancel a Default bid through the UI:

- Enter the “New/Edit Default bids” screen (through “New/Edit Default bids” submenu).
- Select a corridor.
 - An Edit Default Bid screen is displayed with all the Default Bids that have been previously entered.
 - Click the *Clear Default Bid* button linked to the Default bid you want to cancel. You can also click the *Clear all Default Bids* button if you want to cancel all the Default Bids on the selected corridor.
 - Note that if you click the *Reset to current default bid values* button, then all your changes are cancelled, and the default bid matrix is restored with the values of default Bids currently saved in the database.
 - Click the *Save (filtered)* button.

IMPORTANT NOTE: to cancel a single hourly Default Bid via UI, participants should consider bringing up the Edit screen and put a 0 for quantity and price for the desired hour.

2.4.7 Surrogate Default bidding

In case Participants do not have access to the GUI, they may ask JAO operators to submit, modify or cancel Default bids on their behalf. As a matter of fact, JAO operators have an interface which grants them the ability to manually submit default bids and cancel default bids.

Note that JAO operators have no interface to manually modify Default bids as they cannot see the price and the quantity of the default bids. Consequently, the way JAO operators actually manually modify a Default bid on behalf of Capacity traders is through the cancellation of the previous Default bid and the submission of a new Default bid with the modified characteristics.

In their request, Participants should communicate detailed Default bid characteristics to JAO, so that JAO operators are able to perform manual default bid submission on their behalf.

Once Participants get back their access to the GUI, they can check that the Default bids have been properly treated by JAO operators in the Default Bid display.

2.5 Shadow auctions

Shadow auctions correspond to fallback for daily implicit (Market Coupling) and explicit auctions.

2.5.1 Business process overview

Business process sequence is summarized as below:

- Traders submit default Bids to eCat by giving default hourly qty/price values for a given oriented border.
- Shadow auctions are visible on JAO website only when Fallback is triggered.
- Shadow auctions can be easily differentiated from other auctions thanks to their auction ID which contain "SHADOW" substring.
- TSOs send ATC with auction ID of a shadow auction to eCat.
- ATC is published on JAO website only when Fallback is triggered.
- If TSO don't confirm the shadow auction operation to JAO, then no capacity is allocated on the shadow auction for the given day.
- In the event of a shadow auction, JAO Operator activates manually the auction. The System automatically imports from the database the set of default Bids at opening of Bid submission gate and run the clearing.
- The shadow auction is cleared by the same Merit order algorithm as for clearing of LT Explicit auctions. Check of credit limit is done at the end of bidding gate.
- In case of NL-NO and DE-D2 border, a ramping constraint has to be taken into account.
- Allocation results of the shadow auction are published on JAO website.
- Allocation results are sent to TSOs, and Traders.
- Programming authorizations are processed by the System and sent to TSOs and Market participants in the same way as in the explicit auction process.
- Settlement and invoicing is run in same way as in the explicit auction process: shadow auctions are invoiced on M+1.
- When UIOSI of LT Capacity is settled at the marginal price, then the marginal price of the shadow auction is used when a shadow auction is triggered.

2.5.2 Shadow/Default bids overview

With the Shadow/Default bids overview, participants have access to all Shadow/Default bids they have submitted.

The participant user has the possibility to display shadow/default bids overview list that respects a given filtering criterion. To do so, the user shall follow the steps below:

- From the left side panel
 - Select a Corridor from the dropdown list (Multiple selections are allowed)
 - Select a Market (Multiple selections are not allowed) [This field is automatically updated to display the markets linked to the selected corridor(s)]
- Click on *Refresh* button.

Action	Corridor	Market name	Number of shadow/default bids	Last modification time
Edit/View default bids	AT-CZ	Shadow Daily market from Austria to Czech Republic	1	25-07-2024 10:56
Edit/View default bids	BE-FR	Daily shadow market from Belgium to France for any day	10	25-06-2024 12:59
Edit/View default bids	BG-GR	Daily base market from Bulgaria to Greece	10	27-05-2023 12:13
Edit/View default bids	BG-GR	Shadow Daily market from Bulgaria to Greece	10	28-08-2024 15:14

Figure 65 – Shadow/Default Bid list display.

The result of the bid filtering is displayed in the table with the following information:

Table 13: Shadow/Default Bid List Information

Column	Description
Action	This column contains two icons: <ul style="list-style-type: none"> Edit/View default Bids: open the Default Bid matrix screen in edit mode in order to declare new Default Bids or to modify/cancel Default Bids on the selected market.
Corridor	The name of the oriented border corridor for which the auction is defined.
Market name	The name of the market
Number of shadow/default bids	Display the number of shadow/default bids
Last modification time	Time of the last modification of the bids

Under action column, the click on the button ‘Edit/View default bids’ redirect the user to the default bid screen in order to view or even update the existing default bid

2.6 Allocation result

- The ‘Auction evaluation’ gate begins immediately after the ‘Bid submission’ gate closure.
- At the opening of ‘Auction evaluation’ gate, the System launches a clearing to compute the auction results.

The allocated results process is the following:

- Process of auction results: run of the bid selection process and determination of the awarded bids and the marginal price. It is broken into following steps:
 - Bid selection process:
 - Execution of the clearing algorithm.
 - Determination of the awarded bids and the auction prices.
 - Bid state management: process of the bid selection status.
 - Generation of an event log ‘Auction results have been processed’.

The following data flow diagram shows the input data and the output data associated to this bid selection process:

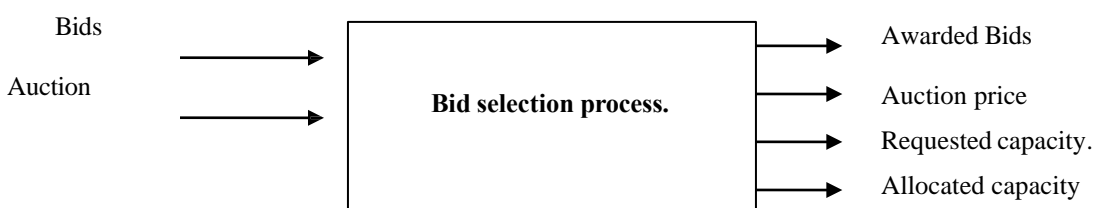


Figure 66 – Input/output Data Diagram

For each product (auction block) that is sold on the auction, the bid selection process allocates the Offered capacity of this product to the market participants by determining following output data:

- **Awarded quantity** and **awarded price** for each Bid Block that has been submitted on the given product.
- *Auction price*
- **Total requested capacity**: sum of Bid Block quantities
- **Total allocated capacity**: part of the Offered capacity that has been sold.

The system switches the state of each Bid of the system that has been submitted on the given auction (consider only the latest version of the Bids) in one of the following states:

Table 14: Bid State after Allocation Result

State name	Description
Fully selected	During the allocation of capacity, if all the bid blocks (time intervals) are fully selected by the allocation algorithm (all the requested capacity is fully selected), then the bid moves into a 'Fully selected' state. This is a final state.
Partially selected	During the allocation of capacity, if only a part (but not all) of the requested capacity is selected by the allocation algorithm (not all the requested capacity is selected), then the bid moves into a 'Partially selected' state. This is a final state.
Unselected	During the allocation of capacity, if for all the bid blocks no quantity is selected then the bid moves into an 'Unselected' state. This is a final state.

It is possible that some bids are not considered by the allocation algorithm due to insufficient Credit Limit – see Credit Limit checking.

Publication of auction results: results are made available to the participants in the web interface. ECAN Allocation Result documents are generated and made available to the participants in the file download interface. Furthermore, auction results are generated and published on ENTSO-E Transparency Platform.

Allocation result display: The allocation results are displayed in the user interface. Allocation results correspond to the detailed results of the bid selection process, they provide the awarded quantity and the awarded price for each bid block that has been submitted on the given auction.

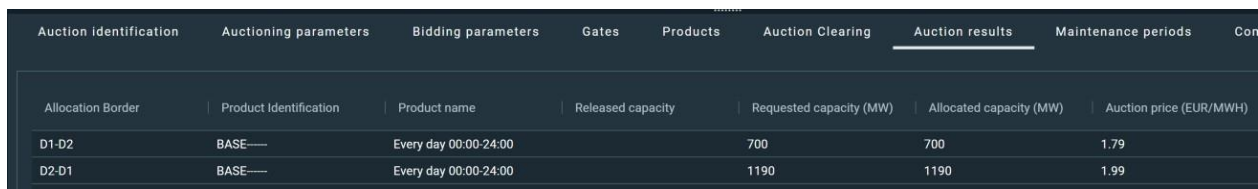
2.6.1 Allocation Result Control

Once the auctions results processing is ended, output data can be checked in several ways through the Participant UI:

► To check auction results:

1) In the Auction display:

- Go to Auction menu.
- Apply the filters to see the auction.
- In the Auction results tab, check the allocation results.
- This tab displays the main auction results for the selected product which had been put on sale.



Auction identification	Auctioning parameters	Bidding parameters	Gates	Products	Auction Clearing	Auction results	Maintenance periods	Con
Allocation Border	Product Identification	Product name	Released capacity	Requested capacity (MW)	Allocated capacity (MW)	Auction price (EUR/MWH)		
D1-D2	BASE—	Every day 00:00-24:00		700	700	1.79		
D2-D1	BASE—	Every day 00:00-24:00		1190	1190	1.99		

Figure 67 – Auction Screen after monthly auction clearing.

2) In the Bid List display:

- Go to Bid -> Bids.
- If not selected by default, filter to see the bids.
- In the Bid blocks tab, following fields are displayed.
 - *Awarded quantity.*
 - **Awarded price.**

Bid identification		Bid blocks	Bid parameters	
Product identification	Product name	Bid quantity (MW)	Bid price (EUR/MWH)	
BASE—	Every day 00:00-24:00	15	1.79	

Figure 68 – Bid Block Screen after clearing 1.

- The Bid could have different states (Fully selected, partially selected, Unselected, Cancelled). The participants can check these states in the menus below:
 - Current state: The current state of the bid is displayed in the list of bids (column Current state).
 - Bid identification tab: all bid states are displayed in the bid state list.

The screenshot shows the 'Bid List' screen. At the top, a yellow arrow points to the 'Current State' column in the table, which is labeled 'Bid's current State'. The table lists several bids, all with a 'Fully selected' status. Below the table, there are three tabs: 'Bid identification', 'Bid blocks', and 'Bid parameters'. The 'Bid identification' tab is active, showing details for a specific bid. A yellow box highlights the 'Bid state' section, which contains a table of states: 'Created', 'Fully accepted', and 'Fully selected'. A yellow arrow points to this section, labeled 'All States of the selected bid'. To the right of the 'Bid state' table, there are sections for 'Version' and 'Parties'.

Auction identification	Corridor	TSO Border	Bid identification	Version	Current State	Divisible	Block bid	Product	Price	Price measure unit	Quantity	Accepted
NORDIC-Y-BASE—230101-01	D1-D2		BID00020-D1-D2	7	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	1.79	MWH	15	<input type="checkbox"/>
NORDIC-Y-BASE—230101-01	D1-D2		BID00019-D1-D2	7	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	1.8	MWH	15	<input type="checkbox"/>
NORDIC-Y-BASE—230101-01	D1-D2		BID00018-D1-D2	7	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	1.81	MWH	15	<input type="checkbox"/>
NORDIC-Y-BASE—230101-01	D1-D2		BID00017-D1-D2	7	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	1.82	MWH	15	<input type="checkbox"/>
NORDIC-Y-BASE—230101-01	D1-D2		BID00016-D1-D2	7	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	1.83	MWH	15	<input type="checkbox"/>
NORDIC-Y-BASE—230101-01	D1-D2		BID00015-D1-D2	7	Fully selected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Every day 00:00...	1.84	MWH	15	<input type="checkbox"/>

Bid identification		Auction	
Bid identification:	BID00020-D1-D2	Auction identification:	NORDIC-Y-BASE—230101-01
Corridor:	D1-D2		
Market period:	01-01-2023 00:00 / 01-01-2024 00:00		

Version	
Version:	7
Last version:	<input checked="" type="checkbox"/>
Creation time:	15-02-2022 10:02
Creation user:	vallentins

Parties	
Bidder:	DANSKECOM
Subject party:	DANSKECOM

Bid state	
State name	Creation time
Created	15-02-2022 10:02
Fully accepted	15-02-2022 10:02
Fully selected	15-02-2022 11:11

Figure 69 – Bid List Screen after clearing 2.

3) In the Allocation results menu:

- Go to the menu **Capacity right -> Allocation results**

After displayed the Allocation results Management view, the displayed allocation results can be filtered using a set of Filter properties.

► To filter the allocation results:

- In Filtering criteria, you could select:
 - Corridor**
 - Horizon**
 - Select a Market Period (Auction delivery period)
 - ✓ For Daily Horizon: select a Day in DD-MM-YYYY format, for example: 29-04- 2023
 - ✓ For Monthly Horizon: select a Year (for example: 2023) and a Month (for example: May)
 - ✓ For Yearly Horizon: select a Year (for example: 2023)
 - Auction identification**: Select the auction identification from drop down list.
- Click on *Refresh* button.

The result of the allocation results filtering is displayed.

The presentation differs according to the horizon of the auction:

- Daily auctions: allocation results are displayed in columns and products are displayed in rows.

- Long-Term auctions: allocation results are displayed in rows and products are displayed in columns.

Long-term auctions:

The list presents the results on a bid-by-bid basis.

A row in the list represents one Bid and it gives the allocation results for this Bid:

- Awarded quantity (MW)
- Clearing price (EUR/MWH)
- Bid quantity (MW)
- Bid price (EUR/MWH)

Total awarded quantity (MW) and total bided quantity (MW) are displayed in the first row, just under the headers.

Bid Identification	BASE			
	Awarded Quantity (MW)	Clearing price (EUR/MW...)	Bid Quantity (MW)	Bid price (EUR/MWH)
Total	15	2.17	35	-
BID00001-CZ-DE(50Hz)	10	2.17	10	2.78
BID00002-CZ-DE(50Hz)	5	2.17	5	2.37
BID00003-CZ-DE(50Hz)	0	2.17	5	1.88
BID00004-CZ-DE(50Hz)	0	2.17	5	1.63
BID00005-CZ-DE(50Hz)	0	2.17	5	1.46
BID00006-CZ-DE(50Hz)	0	2.17	5	1.25

Figure 70 – Allocation results of long-term auctions.

Daily auctions:

The 4 first columns of the list represent following information, for each hour of the day:

- Hourly product (Delivery hour)
- Total awarded quantity (MW),
- Clearing price (EUR/MWH)
- Offered capacity (MW).

Allocation results								
Aggregated								
Corridor	Auction identification	Product identification	Product name	Offered capacity (MW)	Total requested capacity (MW)	Total allocated capacity (MW)	Auction price	Price measure
CH-FR	CH-FR-D-DAILYPRODU-230821...	B01	00:00-01:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B02	01:00-02:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B03	02:00-03:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B04	03:00-04:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B05	04:00-05:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B06	05:00-06:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B07	06:00-07:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B08	07:00-08:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B09	08:00-09:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B10	09:00-10:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B11	10:00-11:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B12	11:00-12:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B13	12:00-13:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B14	13:00-14:00	10000	14	14	0	MWH
CH-FR	CH-FR-D-DAILYPRODU-230821...	B15	14:00-15:00	10000	14	14	0	MWH

Figure 71 – Allocation results of Daily auctions

The list presents the results on a bid-by-bid basis.

A group of 3 columns in the list represents one Bid and it gives the allocation results for this Bid and for each hour of the day:

- Bid quantity (MW)
- Bid price (EUR/MWH)
- Awarded quantity (MW).

Total awarded quantity (MW) and average auction price (EUR/MWh) are displayed in the last row, as summary information.

If an auction is cancelled after the result publication, the allocated capacity values are changed to 0 by the eCAT system.

Allocation results can be exported to a convenient CSV file by clicking the *Export results to CSV* button.

2.7 Secondary Market

Type text here

2.7.1 Transfer of capacity rights

Any market participant can sell part or all their awarded capacity rights to another market participant.

The transfer must be declared to the capacity auction system through a **Transfer Notification**. This operation could be done either through the file upload of a Transfer Notification ECAN Rights document v4r0 document or using the New Transfer screen in the GUI.

If the transfer notification passes all business validation checks, then the transfer is recorded in the database, a positive acknowledgement is sent back to the transferor and the rights portfolio of the transferor is updated.

Transfer notifications have to be manually confirmed by the Transferee within 4 hours, but not later than Transfer deadline. If transfer is not approved within 4 hours, then the transfer notification is automatically cancelled by the System. When waiting for the transfer approval, the transfer notification is pending, and the transferor can cancel the transfer.

As soon as a transfer notification is confirmed, the rights portfolio of the Beneficiary of the transfer is updated and the System sends to both transferor and transferee a **Notification of approved transfer** in the form of an ECAN Rights document v4r0. These notifications of approved transfer are available for download in the File download screen.

The transfer confirmation is sent by mail as an attachment to the Transferor and the Transferee within 30 minutes after the reception of the transfer notification.

In case of transfer rejection, the system generates only an acknowledgement with a negative status and reason for rejection to the transferor. No message is sent to the transferee.

Note: The financial transaction between participants for transfers of capacity rights is not managed by the capacity auction system.

2.7.1.1 *Transfer Notification submission rules*

In order to be properly integrated by the system, transfer notifications must follow some rules:

- Transfer notifications including transfers on market day D must be received before closure of the 'LT Transfer' gate, that gate closing every day at a configurable time (depending on the domain) before the sending of LT programming authorizations to TSOs.
- Transferor must be the owner of the capacity to be transferred.
- Transferor and transferee must correspond to registered Capacity traders that are valid over all the transfer period.
- Transferee must hold an entitlement for the directed border (whatever the horizon) on which the transfer takes place.
- Market participants have the option to pay the full or part of the product price (i.e. all or several monthly instalments at once) and the Operator must unblock the transfer limitation by marking the paid months, allowing the market participant to transfer the paid part of product. Only the part of the capacity which is guaranteed by financial risk instruments can be transferred (transfer is able to be made only for the 1 coming month for capacity with delivery period over one month).
- Transfer period can be on one or several days.
- The minimum resolution of the transfer is 1 MW over 1 hour.

- There is no versioning of transfer notifications.
- To cancel a transfer, the transferee should declare a reverse transfer.

2.7.1.2 New Transfer Notification through GUI

Users can declare a new transfer notification through submenu 'New transfer notification' in Secondary market menu.



Figure 72 – New transfer notification menu.

Note that if participants cannot access to the GUI, they may use the surrogate secondary market mode and contact JAO operators to launch downgraded mode.

► To declare a new transfer notification:

- Find the auction by filtering the parameters below:
 - type: Select **Transfer** from drop down menu.
 - corridor: Select the **corridor**.
 - horizon: Select the **horizon** of the auction from the drop-down menu.
 - transfer period start: Select the **transfer period start** from calendar icon.
 - transfer period end: Select the **transfer period start** from calendar icon.
- Click on Refresh button. The participant can now select the related auction.
 - Auction identification: select the auction from drop down list where the rights to be transferred were acquired.
 - Transferee: the identification of the “transferee” party.
 - Days (All days, by default): subset of days within the transfer period on which the transfer should be applied (All days, working days, Saturday and Sunday, Working days and Saturday, or Sunday).
 - Exclude maintenance periods (disabled by default): by enabling this checkbox, the Transferor declares that he wants to exclude maintenance periods with ATC=0 when processing the transfer.
- In the Transfer Notification schedule part, specify the quantity to be transferred out of the available transferable capacity for each hour of the day. This daily schedule will be applied for all days of the transfer period.

- As a shortcut to quickly fill up the 24 hours of the daily schedule, users can specify a percentage of the available transferable capacity and press the “Set for whole period” button
- In order to quickly fill up the schedule, set the quantity of the first hour and press the **V button** on the right side of a given hour. It will fill the quantity boxes to all following hours.

Transfer notification general parameters

Type: Transfer Corridor: CZ-DE(50Hz) Horizon: Monthly Transfer period start: 01-03-2025 Transfer period stop: 02-03-2025 Refresh

Transfer notification parameters

Rights holder: DANSKECOM

Auction identification (Product Identification): CEEEXD-M-BASE-250301-01 (Ever...)

Transferee: ALPIQ-AG

Days: All days

☐ Exclude maintenance periods

Transfer Notification Schedule

50 % of available transferable quantity Set for whole period

Time interval	Available Transferable Capacity	Quantity (MW)
00:00 - 01:00	280	140
01:00 - 02:00	280	140
02:00 - 03:00	280	140
03:00 - 04:00	280	140
04:00 - 05:00	280	140
05:00 - 06:00	280	140
06:00 - 07:00	280	140
07:00 - 08:00	280	140
08:00 - 09:00	280	140
09:00 - 10:00	280	140
10:00 - 11:00	280	140
11:00 - 12:00	280	140
12:00 - 13:00	280	140
13:00 - 14:00	280	140
14:00 - 15:00	280	140
15:00 - 16:00	280	140
16:00 - 17:00	280	140
17:00 - 18:00	280	140
18:00 - 19:00	280	140
19:00 - 20:00	280	140
20:00 - 21:00	280	140
21:00 - 22:00	280	140
22:00 - 23:00	280	140
23:00 - 00:00	280	140

Save

Figure 73 – New Transfer Notification screen.

The submission of the transfer notification to the explicit auction system is immediate as soon as the ‘Save’ button is pressed.

2.7.1.3 New transfer notification through File Upload

The procedure to upload a transfer notification file into the capacity auction system is the generic procedure to upload a file into the capacity auction system.

It is done from the File Upload screen. The parsing follow-up and the review of acknowledgement can be done with either Event log or File Download screen. Please refer to preliminary sections to get the detailed instructions on how to upload a file, check the acknowledgement status and review the details of acknowledgement.

2.7.1.4 Transfer notification control

With the Transfer Notification display, participants have access to all transfer notifications they have submitted or for which they are the transferee.

To display the list of confirmed transfer notifications, select the menu **Secondary market -> Transfer Notification List**, enter filtering criteria and press the refresh button.

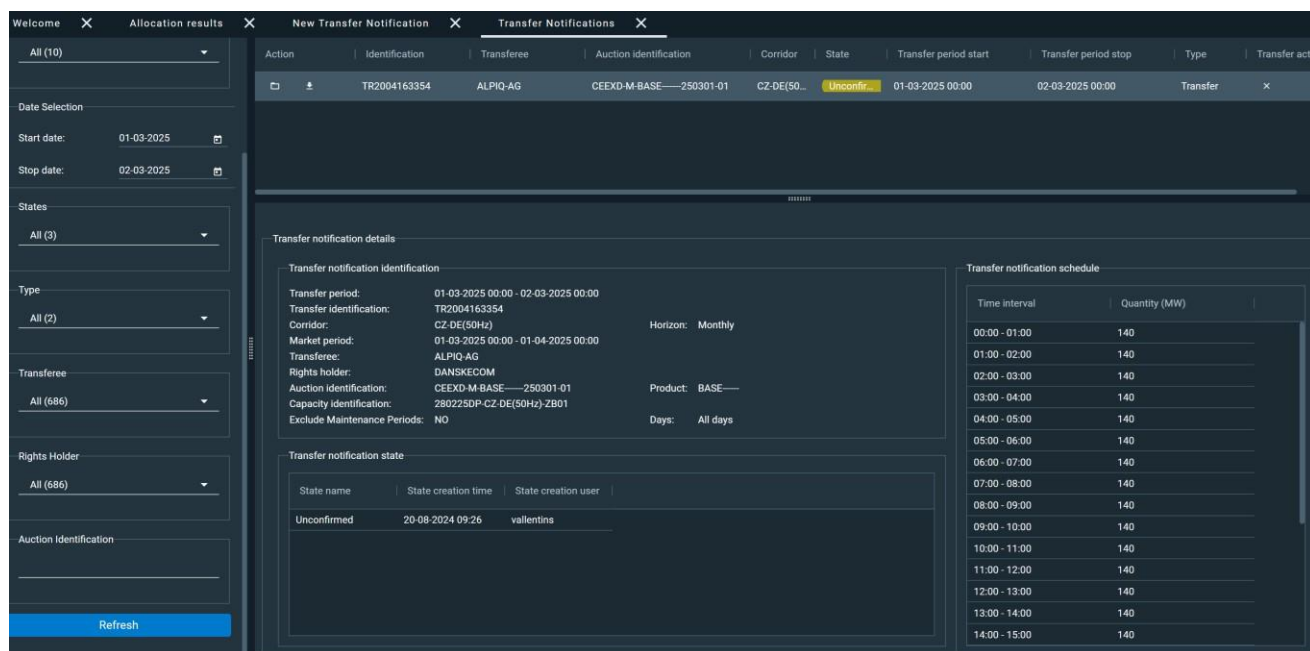


Figure 74 – Transfer Notification screen.

The filtering criteria include the corridor name, the horizon, and the transfer period (start and stop).

The list of notifications determined by the filtering includes the major characteristics of the transfer (transferee, rights holder, auction ID, corridor, transfer status, transfer period, type, and Action).

The details section provides additional information including the capacity right contract from which rights were ceased and the schedule of transfer over the transfer period.

► To confirm a transfer notification:

- Select the transfer notification to be confirmed (current status of this transfer should be **UNCONFIRMED**).
- Click on the “**Confirm transfer**” icon in the Action column
- The transfer is confirmed right after the click on the “Confirm transfer” icon.

► To cancel a transfer notification:

- Select the transfer notification to be cancelled (current status of this transfer should be **UNCONFIRMED**).
- Click on the “**Cancel transfer**” icon in the Action column.
- The transfer is cancelled right after the click on the “Cancel transfer” icon.

2.7.2 Resale of capacity rights

Resale is managed by the capacity auction system as a financial transaction. There is a compensation of the resold capacity.

The resale must be declared to the capacity auction system through a **Resale Notification**. This operation can be done either through the file upload of a Resale Notification ECAN Rights document v4r0 document or using the New Resale screen in the GUI.

The update of the right portfolio is made as soon as the resale request has been accepted.

In case of resale rejection, the system only generates an acknowledgement with a negative status and reason for rejection.

2.7.2.1 Resale Notification submission rules

In order to be properly integrated by the system, resale notifications must follow some rules:

- Resale notifications must be received during the LT Resale gate of the target auction: this usually takes place after auction creation and before bid submission.
- Reseller must be the owner of the capacity to be resold.
- Reseller must be a registered Capacity trader.
- The source auction product must be the same auction product as the target auction product, i.e. Yearly Base can only be sold to Monthly Base, and Yearly Peak can only be sold to Monthly Peak.
- A Resale notification document should contain one resale from one single auction to one single shorter-term auction.
- Released capacity is a constant volume if the shorter-term auction is a monthly auction.
- Resale period is the delivery period of the target auction (one month if the target auction is a monthly auction; one day if the target auction is a daily auction).
- Yearly capacity can be resold only to the next monthly auctions, taking into consideration the resale deadline of 5 working days (therefore on the 16th of April 2023 a Market Participant can do a resale to Monthly auctions of May 2023, but he can't do a resale to Monthly auctions of June 2023). The Market Participant can ask JAO to deactivate this rule, once he paid the whole remaining due amount for the yearly capacity.
- The amount of released capacity must be less than the minimum available capacity considering all hours of the resale period.
- To modify resale notifications, higher version of those resale notifications with same document identification should be issued.

- To cancel a resale, you should declare a higher version of resale notification with an amount of resale equal to 0.

2.7.2.2 New Resale Notification through GUI

Users can declare a new resale notification through the menu **Secondary market** -> '**New resale notification**'

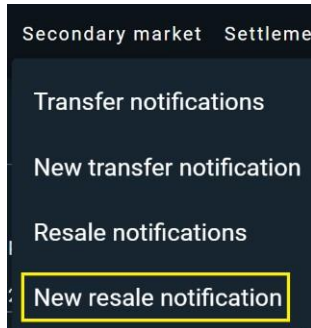


Figure 80 – New resale Notification menu option.

► To declare a new resale notification:

- Resale notification General Parameters:

Find the auction by filtering the parameters below

- **Corridor:** Select the **corridor** from drop down list
- **Source horizon:** Select the LT **source horizon** (Yearly, seasonally...)
- **Target horizon:** Select the **target horizon** (Quarterly, Monthly...)
- **Resale period:** Select the Year and Month if the target horizon is Monthly
- Click on Refresh button. The participant can now select the auctions (source and target).
 - Capacity Right identification
 - Source Auction identification: Select the **source** auction where the rights were acquired from the drop-down list
 - Target Auction identification: Select the target auction where rights will be released from the drop-down list.
 - Resale Notification schedule
 - Specify the quantity to be released out of the available releasable capacity for each hour of the resale period.
 - ✓ As a shortcut to determine the released capacity, users can specify a percentage of the available releasable capacity and press the “Set for whole period” button.

Welcome X New Resale Notification X

Resale notification general parameters

Corridor: EL1-FR-GB Source horizon: Yearly Target horizon: Daily Day: 20-08-2024 Refresh

Capacity rights identification

Source auction id (Product id): EL1-FR-GB-Y-BASE-240101-01 (BASE) Rights holder: DANSKECOM Target auction id (Product id): EL1-FR-GB-D-DAILY-240820-01

Resale notification blocks

100 % of available releasable quantity Set for whole period

Product Id	Product name	Available releasable capacity	Quantity (MW)
B01	00:00-01:00	8	8
B02	01:00-02:00	8	8
B03	02:00-03:00	8	8
B04	03:00-04:00	8	8
B05	04:00-05:00	8	8
B06	05:00-06:00	8	8
B07	06:00-07:00	8	8
B08	07:00-08:00	8	8
B09	08:00-09:00	8	8
B10	09:00-10:00	8	8
B11	10:00-11:00	8	8
B12	11:00-12:00	8	8

Save

Figure 81 – New Resale Notification screen.

The submission of the resale notification to the explicit auction system is immediate as soon as the ‘Save’ button is pressed.

2.7.2.3 New resale notification through File Upload

The procedure to upload a resale notification file into the capacity auction system is the generic procedure to upload a file into the capacity auction system.

It is done from the File Upload screen. The parsing follow-up and the review of acknowledgement can be done with the File Download screen.

Please refer to preliminary sections to get the detailed instructions on how to upload a file, check the acknowledgement status and review the details of acknowledgement.

2.7.2.4 Resale notification control

With the Resale Notification display, participants have access to all resale notifications they have submitted.

To display the list of confirmed resales notification, select the menu **Secondary market -> ‘Resale Notification List’**, enter filtering criteria and press the refresh button.

Resale Notifications

Resale List

Action	Resale Identification	V...	Corridor	Source auction identification	Target auction identification	Resale period start	Resale period stop	State
<div><div></div><div></div></div>	RS2617901301	2	CH-DE	CH-DE-Y-BASE—240101-01	CH-DE-M-BASE—240901-01	01-09-2024 00:00	01-10-2024 00:00	Cancelled
<div><div></div><div></div></div>	RS3174549453	1	FR-CH	FR-CH-Y-BASE—240101-01	FR-CH-M-BASE—241101-01	01-11-2024 00:00	01-12-2024 00:00	Confirmed
<div><div></div><div></div></div>	RS1686892931	2	FR-CH	FR-CH-Y-BASE—240101-01	FR-CH-M-BASE—240901-01	01-09-2024 00:00	01-10-2024 00:00	Confirmed
<div><div></div><div></div></div>	RS947796939	2	CH-FR	CH-FR-Y-BASE—240101-01	CH-FR-M-BASE—240901-01	01-09-2024 00:00	01-10-2024 00:00	Confirmed

Resale identification

Resale blocks

Resale notification identification

Resale identification: RS2617901301

Corridor: CH-DE

Capacity right identification

Contract identification: 311223CX-CH-DE-YM01

Rights holder: ALPIQ-AG

Corridor: CH-DE

Source auction id: CH-DE-Y-BASE—240101-01

Source product id: BASE—

Source horizon: Yearly

Market period: 01-01-2024 00:00 - 01-01-2025 00:00

Target auction

Target auction id: CH-DE-M-BASE—240901-01

Target product id: BASE—

Source horizon: Monthly

Resale period: 01-09-2024 00:00 - 01-10-2024 00:00

Resale notification state

State name

State creation time

State creation user

Cancelled

15-08-2024 08:52

carlettil

Version

Version: 2

Last version: Yes

Creation time: 15-08-2024 08:52

Creation user: carlettil

Figure 82 – Resale Notification list screen.

The filtering criteria include the corridor name, the horizon of the original auction (yearly, seasonally, quarterly or monthly), the horizon of the target auction (seasonally, quarterly, monthly) and a period intersecting the searched resale period.

The list of notifications determined by the filtering includes the major characteristics of the resale: resale, identification, version number, corridor, source auction where original rights were acquired, target auction where rights are released, resale status, resale period and actions (open, download, or modify resale).

The Resale Identification tab of the details section provides additional information including the capacity right contract from which rights were released, the version of resale notification, a detailed description of the target auction.

Resale identification
Resale blocks

Resale notification identification

Resale identification: RS1288226093
Corridor: FR-CH

Capacity right identification

Contract identification: 311224DP-FR-CH-LA01
Rights holder: DANSKECOM
Corridor: FR-CH
Source auction id: FR-CH-Y-BASE—250101-01
Source product id: BASE—
Source horizon: Yearly
Market period: 01-01-2025 00:00 - 01-01-2026 00:00

Target auction

Target auction id: FR-CH-M-BASE—250401-01
Target product id: BASE—
Source horizon: Monthly
Resale period: 01-04-2025 00:00 - 01-05-2025 00:00

Resale notification state

State name	State creation time	State creation user
Confirmed	24-08-2024 09:01	vallentins

Version

Version: 1
Last version: Yes
Creation time: 24-08-2024 09:01
Creation user: vallentins

Figure 83 – Resale identification tab in Resale Notification screen.

The Resale blocks tab of the details section gives the amount of released quantity from the yearly, seasonally, quarterly auction to the seasonally, quarterly, monthly auction through the selected resale.

Resale identification
Resale blocks

% of available releasable quantity

Set for whole period

Product id	Product name	Available releasable capacity	Quantity (MW)
BASE—	Every day 00:00-24:00	0	5

Figure 84 – Resale blocks tab in Resale Notification screen.

2.8 Capacity Right Portfolio Management

The capacity auction system maintains portfolios of capacity rights.

Capacity rights portfolios are created or updated upon

- Publication of allocation results
- Auction cancellation
- Transfer
- Resale
- Capacity curtailment

The details of transactions leading to an update of capacity right portfolios can be checked by participants at any time in the Capacity right list screen.

2.8.1 Review details of capacity right portfolio

Users can review the details of capacity right portfolios through submenu 'Capacity right list' in Capacity right menu.

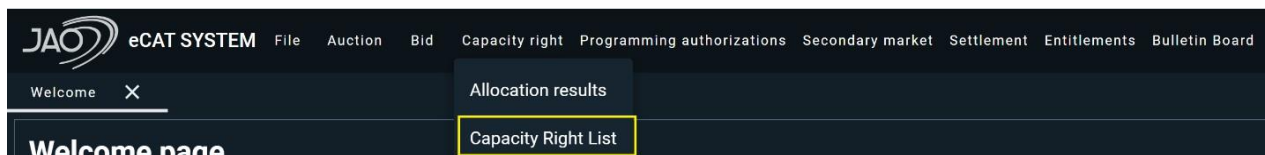


Figure 85 – Capacity right list menu.

The image shows the 'Capacity Rights List' screen. On the left, there is a filter section with 'Corridor selection' set to 'FR-CH', 'Contract type selection' set to 'Yearly', and 'Year' set to '2024'. A 'Refresh' button is at the bottom of the filter section. The main table lists capacity rights with columns: Corridor, Contract type, Contract Identification, Auction identification, Product name, and Status. The table shows three rows of data. Below the table, there is a detailed view of a specific capacity right (AU00463444) showing the time interval, capacity right (MW), and auction details. The detailed view includes a table with time intervals from 00:00 to 12:00 and a capacity right of 5 MW. The auction details include the horizon (Yearly), source (Auction), and product name (IF1-GB-FR-Y-BASE-240101-01).

Figure 86 – Capacity right list screen.

The filtering criteria include the corridor name and the contract type.

The list of contracts determined by the filtering includes the major characteristics of the contracts: corridor, contract type, contract identification, auction identification, product name, and status.

To get the details of the portfolio for a given day of the contract period, users should select that day in the Details section.

For each hour of the selected day, users can see a column on the left indicating the current value of capacity rights, and a column on the right for each transaction leading to a change of capacity rights: auction, resale, auction cancellation. Lost Rights appear with a minus sign.

2.9 ITR Designation

Capacity traders that are not Interconnection Trade Responsible (ITR) on the corridors where they bid must declare the parties that will play the ITR role on both in Area and out Area of those corridors. This is managed by the capacity auction system and generally set up when the capacity traders register to the system.

The ITR designation can also be redefined per auction.

The deadline for such ITR designation change is the gate at the end of which programming authorizations are issued.

Capacity Traders have an interface in the participant UI to set the ITR designation for a given auction manually in the New ITR Designation screen.

In case they do not have access to the capacity auction participant UI, they may request JAO operators to perform that operation on their behalf through file upload.

Limitation on ITR Designation

A new ITR designation submitted on day D before LT programming authorization gate applies for all the rights acquired on the target LT auction from D+2 up to the end of the rights period.

Please, refer to diagrams below to understand how this limitation applies:

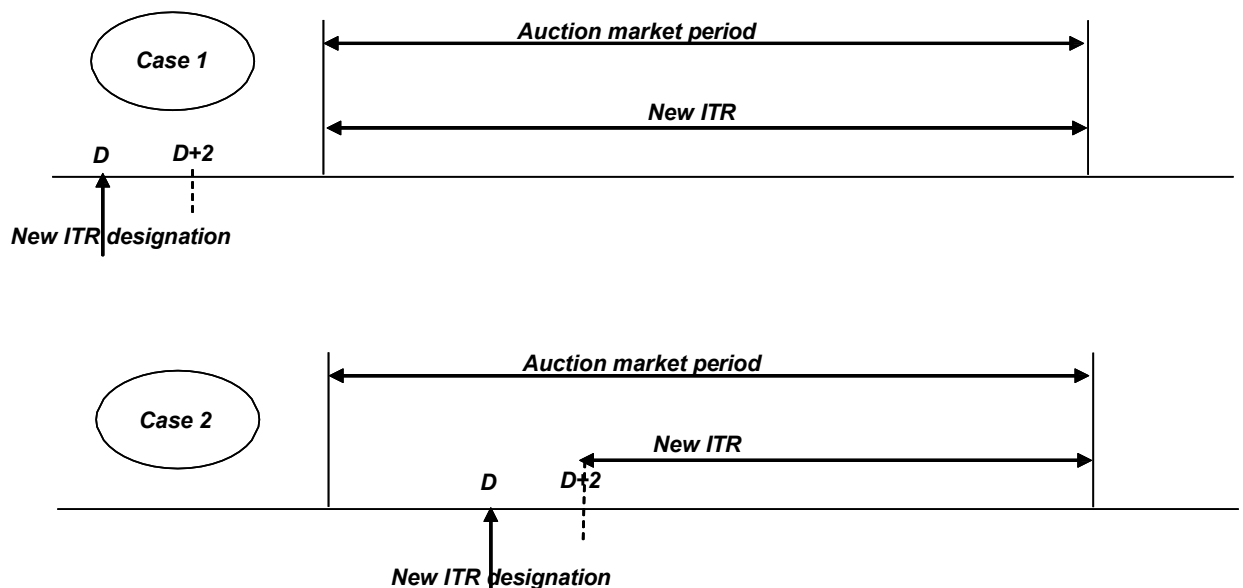


Figure 87 – Applicability of ITR Designation.

2.9.1 New ITR Designation through GUI

Users can declare a new ITR designation through submenu 'New ITR Designation' in the Programming Authorizations menu:



Figure 88 – New ITR Designation menu option.

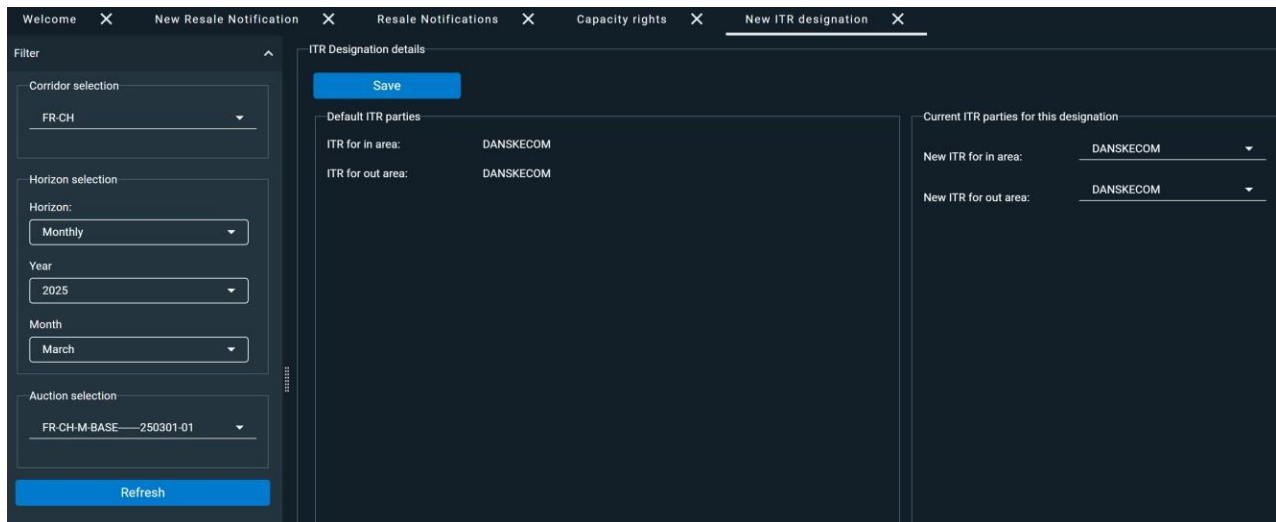


Figure 89 – New ITR Designation screen.

► To declare a new ITR designation:

- **Filtering criteria:** the purpose of the filtering criteria is to select the auction where ITR designation will be changed.
 1. Select Corridor, Horizon, Delivery date start, and Delivery date stop (Delivery date start and Delivery date must intersect with the target auction)
 2. Press the Refresh button.
 3. Select the auction from the Auction Identification drop down list.
- **Default ITR parties:** This is only an information and cannot be changed. It tells who the default ITR is.
- **Current ITR parties for this designation:** This shows the current ITR designation of the remain auction period. The ITR of the in area and out area can be changed here.

Once new ITR designation is done, press the Save button in order to submit the change.

2.10 Programming Authorization Management

LT and day-ahead Programming Authorizations are hourly data related to contracts associated to capacity rights. For a given trader, they correspond to the finalized capacity right portfolio for the target market day.

Programming Authorizations are dealing with a single given market day.

LT Programming Authorizations for a given market day are generated the day before the daily auction of that market day (in D-2, where D is the delivery day). This gives time to execute the LT nomination process and let TSOs determine the ATC for the daily auctions.

Every day, one file per domain is sent to each ITR party collecting all long-term programming authorizations related to the given domain for which they will play their ITR role and nominate.

Every day, one file per domain is sent to each Capacity Trader party collecting all long-term programming authorizations related to this domain for which they will play their ITR role and nominate, and/or one file per domain containing the long-term programming authorizations related to this domain on the capacity right contracts they obtained as traders if they are not ITR.

Every day, one file per domain is sent to each ITR party collecting all daily programming authorizations related to this domain for which they will play their ITR role and nominate.

Every day, one file per domain is sent to each Capacity Trader party collecting all daily programming authorizations related to this domain for which they will play their ITR role and nominate, and/or one file per domain containing the daily programming authorizations related to this domain on the capacity right contracts they obtained as traders if they are not ITR.

Details of Programming Authorizations can be seen in the Programming Authorizations screen (Programming authorizations > Display menu).



Figure 90 – Programming Authorizations menu.

Welcome

✕

Programming authorizations

✕

Filter

TSO Border

All (126)

Market day

< 01-01-2024 >

Contract type

All (12)

Business type

All (2)

Refresh

Resale Notifications List

Market Day	TSO border	Rights Holder	Out Party	In Party	Contract Identification	Contract type	Auction identification	Type of cap
01-01-2024 00:00	AMPRION-ELIA	DANSKECOM	DANSKECOM	DANSKECOM	311223DP-DE-BE-F101	Yearly	CORE-Y-BASE—240101-01	Financial Tr
01-01-2024 00:00	ELIA-RTE	DANSKECOM	DANSKECOM	DANSKECOM	311223DP-BE-FR-F101	Yearly	CORE-Y-BASE—240101-01	Financial Tr
01-01-2024 00:00	SEPS-PSE	DANSKECOM	DANSKECOM	DANSKECOM	311223DP-SK-PL-F101	Yearly	CORE-Y-BASE—240101-01	Financial Tr
01-01-2024 00:00	ELIA-AMPRION	DANSKECOM	DANSKECOM	DANSKECOM	311223DP-BE-DE-F101	Yearly	CORE-Y-BASE—240101-01	Financial Tr
01-01-2024 00:00	ELIA-AMPRION	DANSKECOM	DANSKECOM	DANSKECOM	311223DP-BE-DE-F201	Monthly	CORE-M-BASE—240101-01	Financial Tr
01-01-2024 00:00	ELIA-TENNET	DANSKECOM	DANSKECOM	DANSKECOM	311223DP-BE-NL-F201	Monthly	CORE-M-BASE—240101-01	Financial Tr
01-01-2024 00:00	APG-ELES	DANSKECOM	DANSKECOM	DANSKECOM	311223DP-AT-SI-F201	Monthly	CORE-M-BASE—240101-01	Financial Tr
01-01-2024 00:00	AMPRION-ELIA	DANSKECOM	DANSKECOM	DANSKECOM	311223DP-DE-BE-F201	Monthly	CORE-M-BASE—240101-01	Financial Tr
.....								
Time Interval	Programming Authorization...	Nomination Before Curtailm...	Unused Capacity (MW)					
00:00 - 01:00	400	-	-					
01:00 - 02:00	400	-	-					
02:00 - 03:00	400	-	-					
03:00 - 04:00	400	-	-					
04:00 - 05:00	400	-	-					
05:00 - 06:00	400	-	-					
06:00 - 07:00	400	-	-					
07:00 - 08:00	400	-	-					
08:00 - 09:00	400	-	-					

Figure 91 – Nominations and Programming Authorizations screen.

The filtering criteria include the TSO oriented corridor name, the contract type (yearly, seasonal, monthly, periodic, intraday, daily...) and the market day.

The list of contracts determined by the filtering includes the major characteristics of the contracts on which programming authorizations have been determined: market day, TSO border, rights holder, Out party, In party, contract type, contract identification, auction identification, and Capacity type (PTR or FTR).

Select a contract among the list to get the details of the Programming Authorizations for the selected day on that contract.

2.11 Settlement

2.11.1 Display invoices screen

This screen is dedicated to the issued invoices for the parties.

Each party can see their own invoices issued for each month.

To access the screen the user must go to *Invoices* option under the Settlement menu.

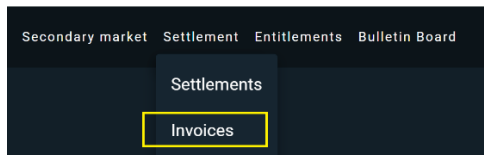


Figure 92 – Invoices option - Settlement.

The screen is composed of two areas:

- Filter area
 - Invoicing period
 - Type
 - Status
- Invoice display area
 - Invoicing month
 - Accounting document ID
 - Type
 - SAP Invoice ID
 - Amount excl. tax (EUR)
 - Status

To display the wanted invoices, select the desired filters, and click on the Refresh button.

Welcome

Programming authorizations

Invoices

Filter

Invoicing period selection

From Year:

2023

From Month:

August

To Year:

2024

To Month:

August

Type

All (2)

Status

All (4)

Refresh

Invoices List

Invoicing month	Accounting document ID	Type	SAP Invoice ID	Amount excl. tax (EUR)	Status
08-2024	A_D-JAO-11XDANSKECOM—P-2408-C	Self-bill		298,559.78	N/A
08-2024	A_D-JAO-11XDANSKECOM—P-2408-D	Invoice	007001861	,179,479.55	Paid
07-2024	A_D-JAO-11XDANSKECOM—P-2407-C	Self-bill		99,732.03	N/A
07-2024	A_D-JAO-11XDANSKECOM—P-2407-D	Invoice	007001845	697,967.02	Paid
06-2024	A_D-JAO-11XDANSKECOM—P-2406-C	Self-bill		,31,090.69	N/A
06-2024	A_D-JAO-11XDANSKECOM—P-2406-D	Invoice	007001808	276,033.13	Paid
05-2024	A_D-JAO-11XDANSKECOM—P-2405-C	Self-bill		65,548.98	N/A
05-2024	A_D-JAO-11XDANSKECOM—P-2405-D	Invoice	007001785	,827,386.08	Paid
04-2024	A_D-JAO-11XDANSKECOM—P-2404-C	Self-bill		,09,627.39	N/A
04-2024	A_D-JAO-11XDANSKECOM—P-2404-D	Invoice	007001764	653,159.48	Paid
03-2024	A_D-JAO-11XDANSKECOM—P-2403-C	Self-bill		745,644.98	N/A
03-2024	A_D-JAO-11XDANSKECOM—P-2403-D	Invoice	007001744	582,921.48	Paid
02-2024	A_D-JAO-11XDANSKECOM—P-2402-C	Self-bill		021,141.53	N/A
02-2024	A_D-JAO-11XDANSKECOM—P-2402-D	Invoice	007001721	549,008.59	Paid

Figure 93 – Display invoices screen.

2.11.2 Updating status of invoice

The invoices can have only one status at one time.

The available statuses are:

- N/A – When the invoice is generated.
- Issued – 16th working day of the month (invoiced the M-1 period).
- Overdue.
- Paid.

To update the status of an invoice, SAP files must be submitted to the system.

The flow of invoice status is one of the following:

- N/A -> Issued -> Paid.
- N/A -> Issued -> Overdue.

An invoice can't go from the state N/A to Paid or Overdue directly, they first must go through the status Issued.

Invoices List					
Invoicing month	Accounting document ID	Type	SAP Invoice ID	Amount excl. tax (EUR)	Status
08-2024	A_D-JAO-11XDANSKECOM—P-2408-C	Self-bill		298,559.78	N/A
08-2024	A_D-JAO-11XDANSKECOM—P-2408-D	Invoice	007001861	,179,479.55	Paid
07-2024	A_D-JAO-11XDANSKECOM—P-2407-C	Self-bill		99,732.03	N/A
07-2024	A_D-JAO-11XDANSKECOM—P-2407-D	Invoice	007001845	697,967.02	Overdue

Figure 94 – Paid/Overdue invoices.

3. Online Help

All users of the web interface have access to the online Help.

By clicking the menu *Help*, a pop-up window will open the help documentation.

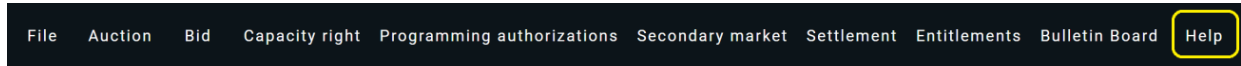


Figure 95 – Help menu for Participants.

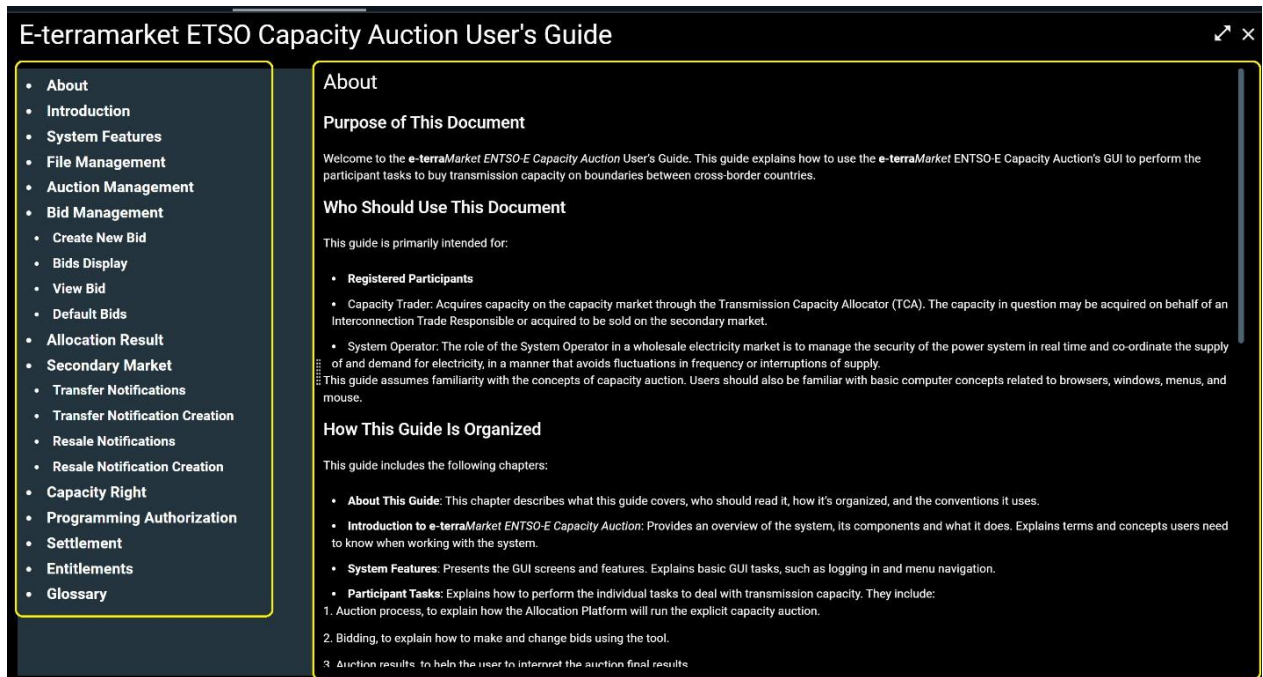


Figure 96 – Help screen.

To leave Help screen, click on the gray area around the Help screen.