



ETSS WebTrader

user's guide

for WebTrader version 1.0.3



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1.0.0	22/11/19	Initial public version.
1.0.1	27/12/19	First official version.
1.0.2	07/05/20	Additions for order combination functionality.
1.0.3	06/10/20	Results menu, copy orders and clone contracts

About this document

This “ETSS Web-Trader Mock Sessions User’s Guide” document is provided by the Hellenic Energy Exchange S.A. (HEEnEx S.A. or HEEnEx) for any party interested in using the ETSS Web-Trader for participating in the Day-Ahead and Intraday Spot Markets operated by HEEnEx S.A.

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1 Introduction

The Energy Trading Spot Market System (ETSS) Web-Trader is a web application that enables participation in the Day-Ahead Market and Intra-Day Market of the Hellenic Energy Exchange (HEnEx). The ETSS Web-Trader also enables the procedure of Nomination of Energy Derivatives Contracts with Physical Settlement and the procedure of Registration of bilateral Over-The-Counter Contracts (OTC).

ETSS Web-Trader is useful for all types of Participants in Day-Ahead Market (DAM) and Intra-Day Market (IDM), with all possible roles. This guide is targeting to the end-users of HEnEx Participants. Throughout this guide, it is assumed that the reader has a good understanding of the spot electricity markets under the European Target Model and specifically the HEnEx DAM & IDM Trading Rulebook.

ETSS Web-Trader connects to the ETSS servers in order to operate. This connection is always using encrypted TLS communication. ETSS Web-Trader requires proper user authentication using certificates and credentials issued by HEnEx to each Participant at the end of the Participant Registration Process. Please, refer to the rules and announcements at HEnEx web site concerning Registration Process, the procedure to become a Certified Energy Trader and obtain a User Account for accessing the platform. Authentication credentials are strictly personal and should be used only by the delegated person.

Each registered ETSS User is related to only one HEnEx Participant. The system uses the identity of the connected User to infer the market Participant. ETSS Web-Trader will adapt its behavior to the profile of the connected User resulting in a pre-defined behavior concerning the actions allowed and displayed information. All Users of the same Participant have the same profile, and therefore information and allowed actions are equally available to all each one.

Web-Trader screens and display arrangements may also differ (slightly) from the ones shown in this guide. A final implication is that the resources shown (assets, portfolios, etc.) will inevitably belong to a different participant.

2 Getting started

This chapter describes the basic hardware and software requirements together with preparatory certificate installations needed for launching and use ETSS Web-Trader.

2.1 Requirements

2.1.1 PC & Browser requirements

Modern PC, preferably with a FHD screen, at least 4GB RAM. Currently the following browsers are supported.

Browser	Supported version
Chrome	latest
Firefox	latest
Edge	2 most recent major versions
Safari	2 most recent major versions

- Activated EnExGroup account
- E-mail address as username
- Entitlements for using the ETSS Web-Trader
- Valid e-mail address

2.1.2 PKI Client Certificate

Detailed instructions for installing a PKI Client Certificate are provided in a dedicated guide. Please contact EnEx-Member-Support@enexgroup.gr for further instructions.

2.1.3 Definitions / Acronyms

Name	Description
MTU	Market Time Unit
ASSET	The asset can be a Generating Unit, a Hydro Unit, an Interconnection, a Non-Dispatchable or Dispatchable Load Portfolio, a Non-Dispatchable or Dispatchable RES Portfolio, a

	Non-Dispatchable or Dispatchable RES FIT Portfolio, System Losses.
NDP	Net Delivery Position is participants' obligations
Nominations	The allocation of energy quantities included in the entries of Energy Financial Instruments into the ETS to entities for Physical Delivery or Physical Offtake.
Registrations	The procedure of Registration of Energy Financial Instruments for Physical Settlement.

2.1.4 Account Activation

1. In the ETSS Web-Trader Login window write the e-mail address of the user, as it is declared to HEnEx for connection to HEnEx ETSS Web-Trader, and
2. click on the option "Forgot password?"

EnEx
Energy Exchange Group

Single Sign-On

Please enter your email address (user@domain) and your password into the form in order to log into the site.
If you are experiencing problems in logging in, please contact:
EnEx-Member-Support@enexgroup.gr

Email Address :

Password :

Sign In

[Forgot password?](#)

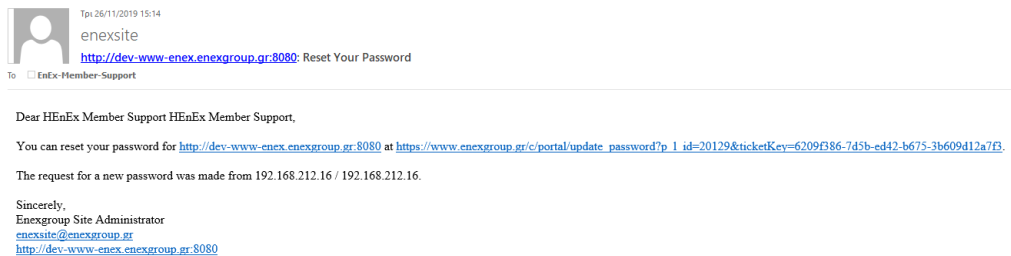
ENEXGROUP
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3. A redirected site will appear on your screen in which you will have to a) type your e-mail address, b) type the text verification and c) select the button "Next".


4. Press the button “Send Password Reset Link”.

5. An e-mail will be sent to users’ e-mail in order to reset the password.




6. The user must click on the link and set the password of the choice.

- Another screen requesting a security will appear. The user must fill with a question from the list or a question of the choice.

Password Reminder 

Question

What is your father's middle name? 

Answer

- The user should return to the ETSS Web-Trader site and fill in with the e-mail address and the password.

2.1.5 What can go wrong – Troubleshooting

- Certificate installation.** The browser cannot connect to the ETSS servers unless you have installed a proper certificate. You will face a screen similar to the following, depending on the browser you use



This site can't provide a secure connection


etssdev.xoas.inbroker.gr didn't accept your login certificate, or one may not have been provided.


Try contacting the system admin.

ERR_BAD_SSL_CLIENT_AUTH_CERT

Figure 1: Not installed Certificate

- Account Activation.** You cannot login with an inactive account, because you have not set up a password. Contact EnEx-Member-Support@enexgroup.gr.
- Invalid Credentials.** If you provide a wrong e-mail address or a password, the following message will appear:

 An incorrect Username or Password was specified

 HLX-1001

2.2 Launching ETSS Web-Trader

Web-Trader is a web application. Use the following URLs to launch it:

UAT system <https://etssuat.enexgroup.gr/>

The system will redirect you the login page where you must insert the email of your EnEx account (username) and the password you have chosen when you activated your account:



The screenshot shows the login page for the EnEx Energy Exchange Group. At the top center is the EnEx logo with the text "Energy Exchange Group" below it. Below the logo is the heading "Single Sign-On". Underneath, there is a paragraph of instructions: "Please enter your email address (user@domain) and your password into the form in order to log into the site. If you are experiencing problems in logging in, please contact: EnEx-Member-Support@enexgroup.gr". To the right of this text are two input fields: "Email Address :" and "Password :". Below the password field is a "Sign In" button and a link for "Forgot password?". At the bottom left, there is a small block of text: "ENEXGROUP The Hellenic Energy Exchange S.A. (HEEx S.A.) manages the Energy Markets of physical delivery and the Energy Financial Markets in accordance with the provisions of Law 4512/2018 and its delegated acts." At the bottom center, there is a footer: "© ENEXGROUP 2019 | Contact | powered by ATHEXGROUP".

Figure 2: Login window

2.2.1 Single Sign-On

If you have already logged in with another EnEx Group application or ETSS Web-Trader in another browser tab you will not see the login page. The system will log you in immediately using the credentials that you have already used in the other browser tab.

If you need to login to ETSS using two different accounts, then you have the following options:

- Use two different browsers, e.g. Firefox and Chrome
- Use private browsing, in separate tabs. If you go this way, the ETSS Web-Trader will not be able to save your settings. Every session will start with the default settings.

3 Main Menu

After your successful login, the ETSS Web-Trader main window launched with the logo of the system displayed at the top left corner. The logo will be different, depending on the system you have connected to:

The main menu buttons are on the top of the screen followed by information concerning the available markets, products and Bidding Zones:



Figure 3: Main window

The main menu:

- Results: Display the market and bidding zone results.
- Nominations: Check and fulfill your obligations for Physical Settlement (Physical Delivery and/or Physical Offtake) per Delivery Day.
- Markets: Insert/edit/cancel your Orders.
- Trades: View your trades.
- Registrations: Insert/edit/cancel bilateral Over-The-Counter Contracts (OTC).
- Resources: View available Clearing SubAccounts, Assets, Target Markets, Market Gates, Bidding Zones and Balancing Areas.
- User Information: View user's account name, logout and refresh the session.
- Current Market Time: The current system time displayed in Central European Time (CET) timezone.

In the main body of the screen, the following information is displayed:

- Markets: The markets where you have access.
- Products: The number of the available Market Time Units for recent days.
- Bidding zones: The defined geographical areas where the Order can be submitted.

4 Results

In this screen, you can view the prices per MTU according to the prices that has come up from the clearing settlement and the PCR resolution

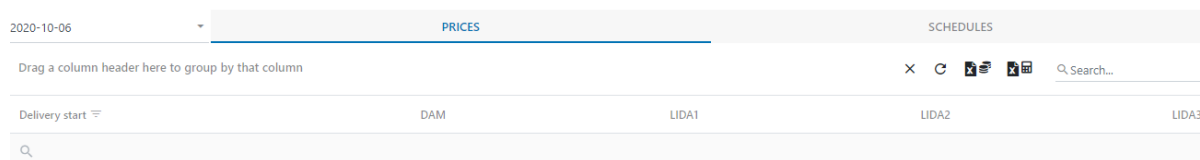








Figure 4: Results screen

In the **date field** use the down arrow  to display the date calendar and select the delivery day.

Prices	This tab displays the prices that has come up by the clearing settlement
Schedules	This tab displays the capacities that every asset is obliged to deliver/offtake regarding the trades.
	Press this button to reset filters and/or groups
	Press this button to refresh the displayed info
	Press this button to export the market clearing prices in an excel file
	Press this button to export the PCR prices in an excel file
 Search...	Use the search bar for quick search
Delivery start	Displays the MTU
DAM	Displays the prices in the DAM market
LIDA1	Displays the prices in the LIDA1 market
LIDA2	Displays the prices in the LIDA2 market
LIDA3	Displays the prices in the LIDA3 market
	Use the magnifier to create a custom filtering

5 Nominations

In the EnEx Spot Market, Bilateral OTC contracts and physical delivery instructions for Exchange-Traded Energy Financial Instruments are merged to create a Net Delivery Position (NDP) for each MTU. Using Nominations, Participants select which assets they will use to fulfill their obligations and allocate their NDPs. Successful Nominations are automatically transformed by ETSS WebTrader to Priority Price Taking Orders (PPT) after the Nomination Gate Closure Time and submitted to the Day Ahead Market (DAM).


To access the Nominations screen, select from menu the  button



Figure 5: Nominations form (pending nominations)

In the **date field** use the down arrow  to display the date calendar and select the delivery day.

When you select the date, the following information is displayed:

- ✓ on the first line Market Gate status and remaining time till the gate closes
- ✓ on the first row totals of Net Delivery Positions, positive or/and negative

The **orange** colored areas imply pending/not yet allocated obligations of Net Delivery Position.

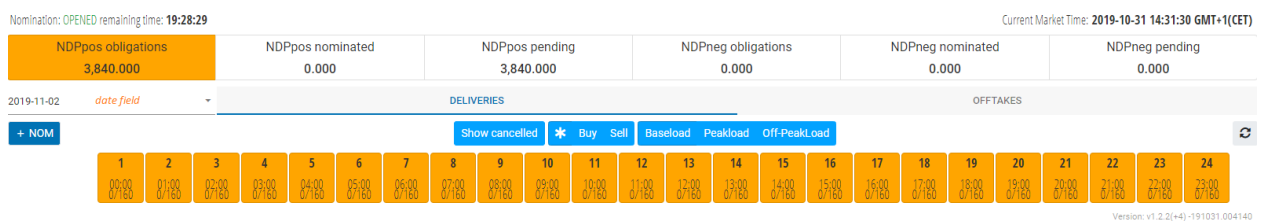


Figure 6: Nominations form (pending nominations)

- NDPpos obligations The total quantity you have obligation to deliver.
- NDPpos nominated The total quantity you have nominated.
- NDPpos pending The total remaining quantity you have to nominate.
- NDPneg obligations The total quantity you have obligation to offtake.
- NDPneg nominated The total quantity you have nominated.

NDPneg pending

DELIVERIES

OFFTAKES

The total remaining quantity you have to nominate.
 If you have NDPpos obligations, choose the tab Deliveries and insert/view/edit Nominations for the energy you need to deliver.
 If you have NDPneg obligations, choose the tab Offtakes and insert/view/edit Nominations for the energy you need to receive.

+ NOM Click on this button to insert new Nominations. The following fields appear which must be filled:

- ⇒ Select the Asset that will deliver/receive by pressing the down arrow
- ⇒ Select the Clearing Subaccount by pressing the down arrow. The PPT order that will be sent to the DAM market for this Nomination will be linked to this Clearing Subaccount.
- ⇒ Press this button and insert the volume (in MWh) in the MTUs you have net delivery position (obligation)
- ⇒ Insert the volume in MWh and press the green check to register your nomination or cancel the nomination by clicking the yellow rollback arrow.

You may insert more than one Nomination with its own asset or Clearing Subaccount. Keep in mind that in every **orange** colored MTU, the quantity that you have net delivery position (obligation) is reflected on the first row and if you click on it, a new detailed window is displayed below, from which you can see the following additional info:

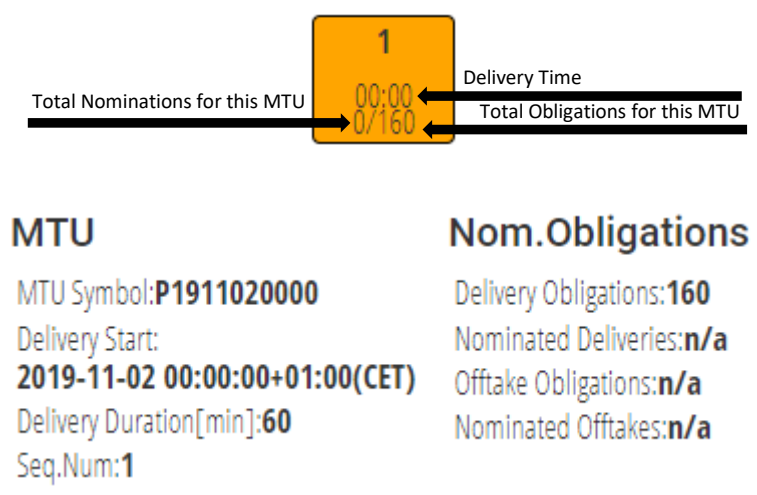


Figure 7: MTU information window

MTU Symbol The symbol of the selected MTU
 Delivery Start The date and time where the delivery will take place
 Delivery Duration The delivery duration counted in minutes

Seq.Num	The sequence number of the MTU
Delivery Obligations	Your Participant’s net delivery position for deliveries for this MTU
Nominated Deliveries	The sum of delivery nominations for this MTU
Offtake Obligations	Your Participant’s net delivery position for offtakes for this MTU
Nominated Offtakes	The sum of offtake nominations for this MTU

The volume you have placed for the selected MTU is displayed similar to one of the following screenshot:

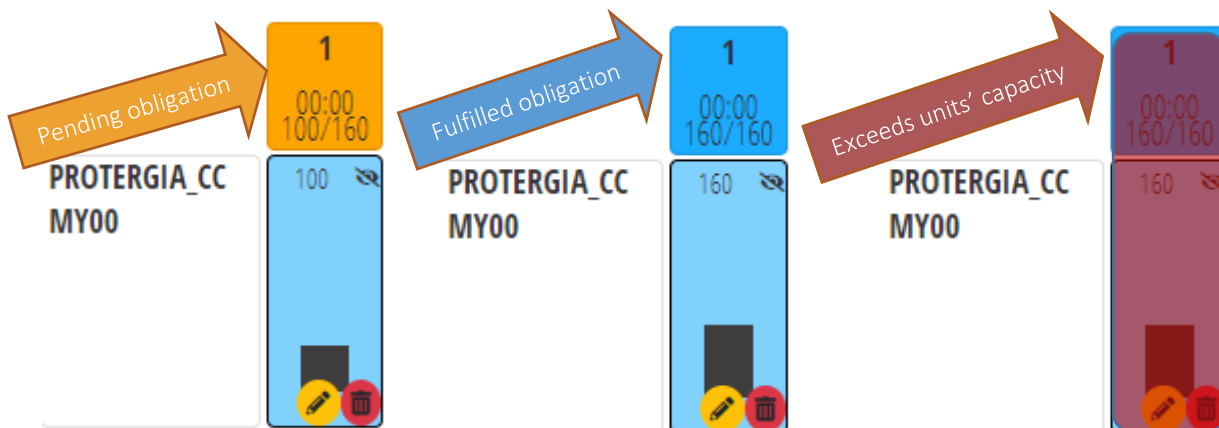










Figure 8: Nomination submission in MTU

The following symbols will appear in the MTU slots, according to the state of the nomination and they express that:

-  Pending Validation
-  Failed Validation
-  Passed Validation
-  Sent to PCR
-  Not Filled
-  Partially Filled
-  Filled
-  Order Rejected (*only for the bulk import*)

Action Buttons:

When you hover the mouse over a nomination, the pencil and bin buttons appear



You can edit your nomination with the use of the pencil button



You can delete your nomination with the use of the bin button

The **blue** colored areas, reflects that you have completed the submission of your nominations.

NDPpos obligations 3,840.000	NDPpos nominated 3,840.000	NDPpos pending 0.000	NDPneg obligations 0.000	NDPneg nominated 0.000	NDPneg pending 0.000																		
DELIVERIES			OFFTAKES																				
2019-11-01																							
Show cancelled * Buy Sell Baseload Peakload Off-PeakLoad																							
1 00:00 1507150	2 01:00 1507150	3 02:00 1507150	4 03:00 1507150	5 04:00 1507150	6 05:00 1507150	7 06:00 1507150	8 07:00 1507150	9 08:00 1507150	10 09:00 1507150	11 10:00 1607150	12 11:00 1607150	13 12:00 1607150	14 13:00 1607150	15 14:00 1607150	16 15:00 1607150	17 16:00 1607150	18 17:00 1607150	19 18:00 1607150	20 19:00 1607150	21 20:00 1607150	22 21:00 1607150	23 22:00 1607150	24 23:00 1607150

Figure 9: Nominations form (fulfilled nominations)

In the main window the following buttons can be used for filtering:

- Show cancelled** Display cancelled nominations. Normally cancelled nominations are hidden.
- *** Display all nominations (buys and sells).
- Buy** Display only the buy nominations.
- Sell** Display only the sell nominations.
- Baseload** Display the nominations for the baseload MTUs.
- Peakload** Display the nominations for the peakload MTUs.
- Off-PeakLoad** Display the nominations for the off-peakload MTUs.
- Refresh** Refresh the data on the page.

6 Markets

Through this screen, you can view, edit or submit your Orders to the system for various Delivery Days. Based on the profile of the user and the permissions granted, different type of Orders can be inserted and managed. The types of Orders are Priority Price taking (PPT), Block and Hybrid.

6.1 Markets Screen

To access the Markets form, select from menu the  button .

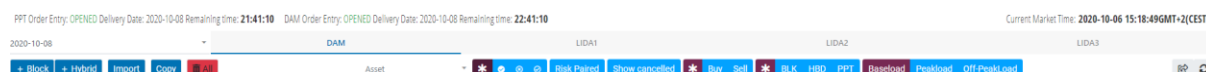



Figure 10: Markets window

In the screen you can view and manage the available Orders for only one Delivery Day (D) and one Market.

In the **date field** use the down arrow  to select the desired Delivery Day from the calendar. Then select the DAM, LIDA1, LIDA2, LIDA3 buttons for the Day-Ahead Market and the Local Intraday Auctions 1, 2, and 3.

When you select the date, the following information is displayed on the first line:

- ✓ PPT The status and the remaining time till the gate closes for the selected Market
- ✓ DAM The status of the Gate for the DAM order entry and the remaining time till the gate closes

If you select LIDA1, LIDA2 or LIDA3, the same information is displayed respectively.

+ PPT

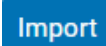








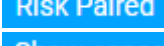
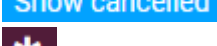







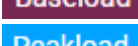
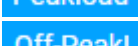
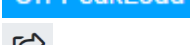


Insert a Priority Price Taking Order. Only certain “systemic” participants have the right to directly insert PPT Orders. Normal participants insert PPT Orders through the nomination process. A detailed description is give in chapter 6.2.1.

+ Block

Insert Block Orders. A detailed description is given in chapter 0.

+ Hybrid

Insert Hybrid Orders. A detailed description is given in chapter 6.2.6.

	Insert Orders from a file. A detailed description is given in chapter 6.3.
	Copy displayed orders
	Paste the copied orders (similar functionality to chapter 6.3)
	Delete all displayed orders
	Filter the results by selecting the asset
	Display all Orders (remove all filters).
	Display the filled orders
	Display the non filled orders
	Display the partially filled orders
	Display the paired orders
	Display the cancelled Orders
	Display all Orders (remove all filters).
	Display only the buy Orders.
	Display only the sell Orders.
	Display all Orders (remove all filters).
	Display the Bulk orders
	Display the hybrid orders
	Display the ppt orders
	Display the Orders for the baseload MTUs.
	Display the Orders for the peakload MTUs.
	Display the Orders for the off-peakload MTUs.
	Export the data in file.
	Press this button to refresh the data on the page.

If you click on a heading of the MTU, a new row will be displayed with MTU information

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
MTU				Capacity/Load utilization (Preliminary)																			
MTU Symbol:P2005080000																							
Delivery Start:00:00(CEST)																							
Delivery Duration(min):60																							
Seq Num:1																							

Figure 11: MTU Information

You can hide this information if you click one more time on the heading of the MTU.

If the user clicks on a MTU of an order, the information of the Asset will be reflected in a new row.

	1 00:00	2 01:00	3 02:00	4 03:00	5 04:00	6 05:00	7 06:00	8 07:00	9 08:00	10 09:00	11 10:00	12 11:00	13 12:00	14 13:00	15 14:00	16 15:00	17 16:00	18 17:00	19 18:00	
BLK Buy	1		1				1				11			1						
KARDIA2 EC11 Price:10 Accept.%:85																				
	Asset		Capacity			ISP Schedule		Position by confirmed orders		Market Position		Capacity/Load utilization (Preliminary)								
	Asset:KARDIA2 Generating Unit EIC:29WAISKARDIAI-Z Bidding Zone:1 Nominal capacity:270.8 Status:n/a Flow:Inbound		Available/Nominal:270.8 / 270.8 Tech.Minimum:n/a Tech.Min under AGC:n/a Tech.Max under AGC:n/a			FCR Up:n/a FCR Down:n/a aFRR Up:n/a aFRR Down:n/a mFRR Up:n/a mFRR Down:n/a Unit commitment:n/a		Alloc.by Nominations:n/a Alloc.by PPTOrders:n/a Alloc.by participant orders:n/a Unallocated capacity:n/a		From DAM:n/a From previous LIDAs:n/a In current LIDAs:n/a		Buys:1 Sells:n/a Net Utilization:-1								

Figure 12: Asset Information

You can hide this information if you click one more time on any MTU of the order.

6.2 Order management

6.2.1 Priority Price Taking Orders

When you press the **+ PPT** button the following fields are displayed in order to submit Priority Price Taking Orders into the system for a group of MTUs:

	1 00:00	2 01:00	3 02:00	4 03:00	5 04:00	6 05:00	7 06:00	8 07:00	9 08:00	10 09:00	11 10:00	12 11:00	13 12:00	14 13:00	15 14:00	16 15:00	17 16:00	18 17:00	19 18:00	20 19:00	21 20:00	22 21:00	23 22:00	24 23:00	
Participant																									
Asset																									
ClearingSubAccount																									
BusinessProcess																									
Buy Sell																									

Figure 13: PPT order entry

Participant

This field is displayed **ONLY for the OBO user** in order to select the participant

Asset

Use the down arrow to select the asset. Please keep in mind that once you select the asset and until you submit the order, the Orders of this asset only will be displayed on the screen. Additionally, the total available and unutilized information of the asset, will be reflected in every MTU.

ClearingSubAccount

Use the down arrow to select the clearing sub account.

Business Process

Use the down arrow to select the business process.


1. Normal

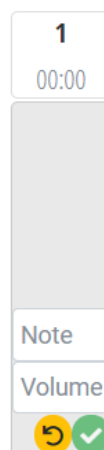
2. Commissioning:

Order submitted by the TSO for Generating Units under Commissioning tests (new units).

- | | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. Testing: | Order submitted by the TSO for registered Generating Units performing operating tests. |
| 4. Mandat.Hydro | Order submitted by the TSO for Hydroelectric Generating Units obliged to release quantities of water for irrigation, water supply and environmental reasons. |
| 5. CHP | Order submitted by the DAPEEP for Dispatchable High-Efficiency Co-generation Units. |
| 6. NOM_PPT | Orders generated by ETSS WebTrader for Successful Nominations (not be available to Users). |
- Buy**
Sell
- Select this button to submit a Buy Order (absorb energy).
Select this button to submit a Sell Order (inject energy).

Once you have inserted all of the above fields and have selected the side of the Order, the following buttons are displayed in the MTU slots:

-  Select this button in order display the fields of volume and note of the MTU order as shown in the following figure:



The figure shows a vertical form with the following elements from top to bottom: a box containing the number '1', a box containing '00:00', a large grey rectangular area, a box labeled 'Note', a box labeled 'Volume', and a bottom bar containing a yellow circular button with a white arrow pointing left (rollback) and a green circular button with a white checkmark (submit).

Figure 14: MTU fields

Insert the volume in MWh (mandatory field) and a note (optional field) and then press the check button to submit or the rollback button to cancel the insertion of the order.

After you have submitted an order, you can hover the mouse over an order. Then, the pencil and bin buttons appear.

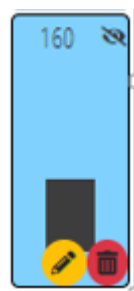





Figure 15: MTU actions

-  You can edit your Order with the use of the pencil button
-  You can delete (cancel) your Order with the use of the bin button
-  You can also use the bin button to delete all ppt orders contained in the current row

6.2.2 Block Orders

When you press the **+ Block** button the following fields are displayed in order to submit block Orders into the system for a group of MTUs:





	1	2
Asset	00:00	01:00
ClearingSubAccount		
Price		
Accept.%		
Note		
Buy Sell		
+ +	Volume	Volume 
		
A	B	C

Figure 16: Block order insertion

Asset	Use the down arrow  to select the asset. Please keep in mind that once you select the asset and until you submit the order, the Orders of this asset only will be displayed on the screen. Additionally, the total available and unutilized information of the asset, will be reflected in every MTU.
ClearingSubAccount	Use the down arrow  to select the clearing subaccount.
Price	Insert the price you want to buy or sell.
Acctp.%	Insert the acceptance ratio of the order.
Note	This is a free text field where you can insert comments.



Select this button to submit a Buy Order (absorb energy).

Select this button to submit a Sell Order (inject energy).

Select this button to link Block Orders.

Select this button to create an Exclusive Group of Block orders.

Linked Block Orders will be described in paragraph (6.2.3) and Exclusive Group of Block Orders in paragraph (0).

Once you have selected buy or sell side, a volume field appears in MTU slots (schema B in Figure 16) where you can insert the capacity you want to buy or sell and press the submission button (schema C in Figure 16) or the rollback button if you have changed your mind.

The Orders you have placed for the selected MTU is displayed similar to the following screenshot:

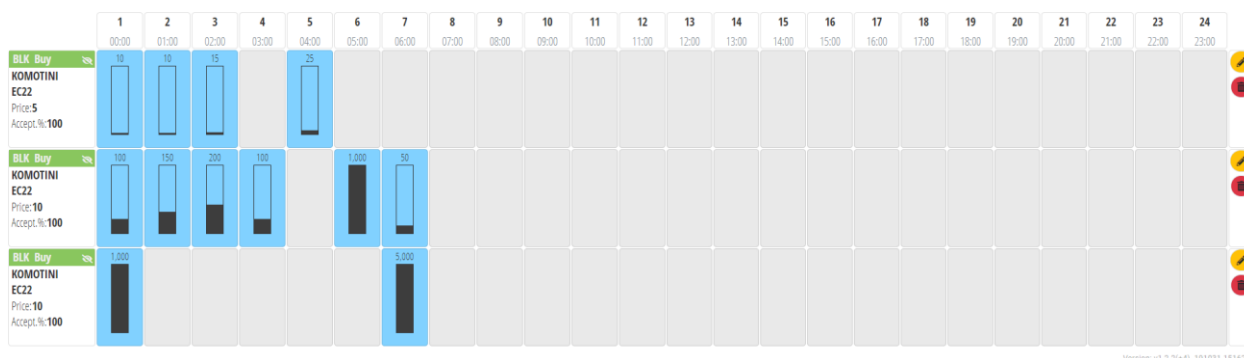





Figure 17: Block order display

- You can edit your Order with the use of the pencil button
- You can delete (cancel) your Order with the use of the bin button

6.2.3 Linked Block Orders

You can link Block Orders to create dependencies among them. When Block Orders are linked, the parent Block Order has to be executed before any child Block Order can be executed. In order for you to do this action you must follow the next steps:

1. First, you must have already inserted an Order which will be the parent Block Order.
2. Then, click on the edit button on the Order you want to mark as a child Block Order.

3. Click on the link to parent  button and check the corresponding button  in the Block Order you want to mark as a parent.
4. Then press the check  button to submit your Linked Block Order.

A similar screen will be reflected as the following screenshot:

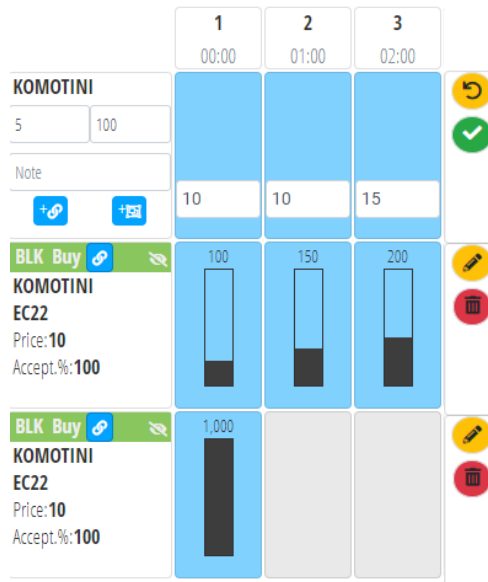


Figure 18: Linking Orders

It is not necessary to insert the child Block Order and then to edit it in order to link it to its parent. You can do the linking while inserting it in one step. Linked Orders will be connected with an orange colored arrow, where the tail of the arrow shows the parent and the nose shows the child Block Order:

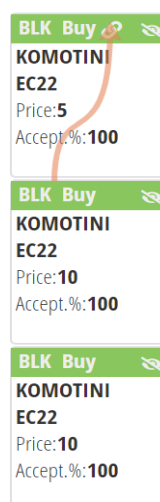





Figure 19: Linked Orders



Press this button if you want to break links.

6.2.4 Combination Orders

You can combine PPT or/and Hybrid orders to create a connection between two (2) orders in order to minimize the required margin. The combination can be done a) only with a pair of orders which must have opposite side, b) the buy side must be greater than the sell side and c) the orders must be placed in the same MTU and for the same subaccount. In order for you to do this action you must follow the next steps:

1. First, you must have already inserted opposite orders.
2. Then you must click on the green paper clip  button on the first order you want to combine.
3. A blue paper clip  is displayed in the orders that can be combined. Choose the desired one and click on the button.
4. The system will combine the two orders and they will be marked with a black paper clip  on their left corner. If the user overs the mouse over any of these orders, they will be both highlighted in yellow color.

A similar screen will be reflected as the following screenshot:

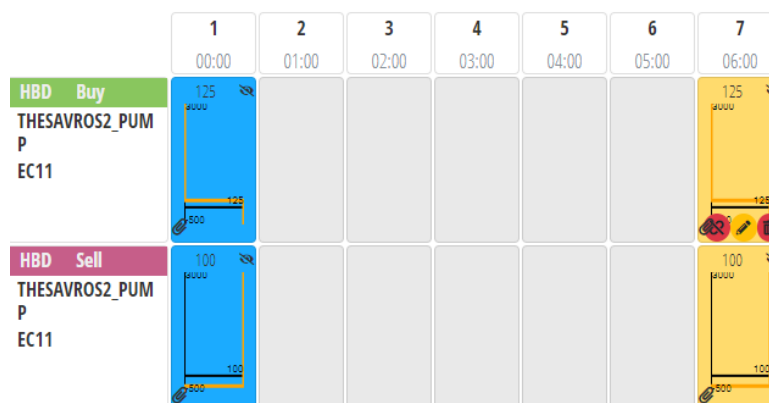


Figure 20: Combined Orders






Press this button twice if you want to break the combination

6.2.5 Exclusive Group Orders

You can group Block Orders in Exclusive Groups. The sum of the accepted ratios of the Block Orders cannot exceed 1. In the particular case, that the Block Orders have a minimum acceptance ratio (MAR) equal to 1, then at most one of the Blocks of the Exclusive Group can be accepted.

In order to group Block Orders you must follow the next steps:

1. First, you must have already inserted at least two (2) Block Orders.
2. Then, click on the edit  button on the right vertical side of the screen
3. Click on the group exclusively button  and check the  same button in the Order you want to group. A similar screen to the following screenshot will be displayed:

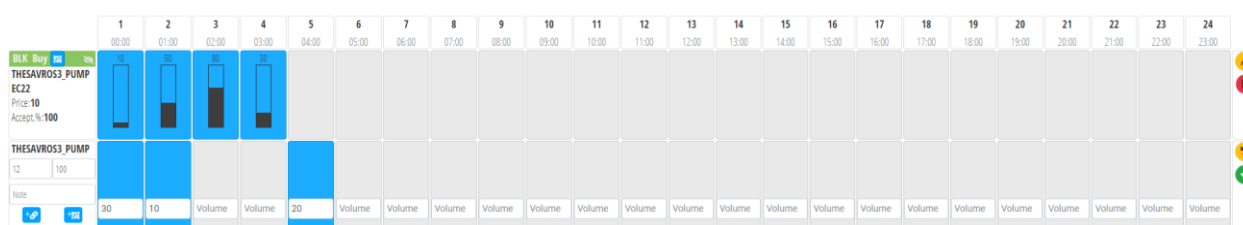


Figure 21: Grouping Orders

When you group the Orders you have chosen a colored vertical bar will be reflected on the Orders and a similar screen to the following screenshot will be displayed:

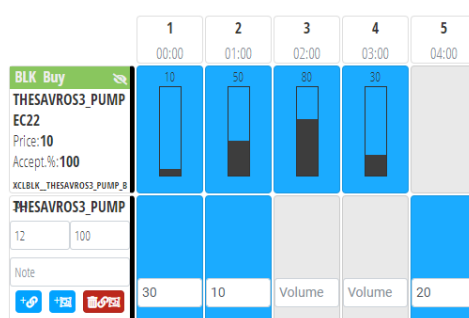



Figure 22: Grouping Orders

4. Then press the check button  on the vertical right side of the screen to submit your grouping.

Different Exclusive Group of Block Orders will be shown with differently colored bars.



Press this button if you want to break links and remove an order from an Exclusive Group of Block Orders.

6.2.6 Hybrid Orders

By pressing **+ Hybrid** button the following fields are displayed in order for you to submit Hybrid Orders into the system.



Figure 23: Hybrid Order Entry

- Asset Use the down arrow to select the asset.
- ClearingSubAccount Use the down arrow to select the clearing subaccount
- Buy Select this button to submit a Hybrid Buy Order
- Sell Select this button to submit a Hybrid Sell Order

The limits of the Hybrid Orders for the selected market are displayed ([-500] – [3000]).

You can insert more price levels by inserting the price in the price level field and then pressing the **+ Price Level** button.

You can hide the price levels by pressing the **Hide Prices** button.

Click on the trash button to remove a price level or the whole row

A similar screen to the following screenshot will appear:

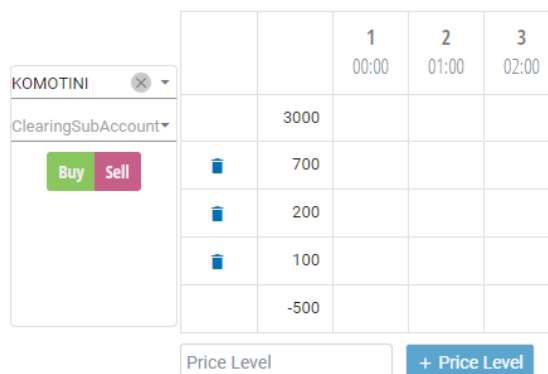


Figure 24: Hybrid Order Fields

Select “Buy” or “Sell” in order to activate the volume fields in MTU slots. Each MTU column will be a separate Order. Volume figures should be inserted for every price level and MTU.

The following message will appear to prompt you insert a volume price (it will be displayed in the lower limit for the Buy Orders and on the upper limit for the Sell Orders):

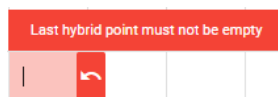






Figure 25: Hybrid Order Message

Once insertion in the desired price levels and volume in the MTU slots is done, press the check button  to submit or the rollback  button to cancel the process.

If you press submit, a Hybrid order is displayed as a chart similar to the following screenshot:



Figure 26: Hybrid Order

Once you have placed the Hybrid Order, you can  edit or cancel  with the use of the respectively buttons.

If you select the pencil button on the right vertical side of the Markets Window, you can edit your Orders in every MTU slot.

If you select the pencil button on the chart, you can edit the Order for the selected MTU.

If you select the trash button on the chart, you can delete the Order for the selected MTU.

6.3 Import file

For a massive automated insertion of Orders, there is a bulk option to insert data from an Excel file. The format of the Excel File is presented in Appendix I.

1. Select the date for Delivery Day D. Please keep in mind that this date must be the same date with the one in the file.
2. Open the file with the Orders, select the area with the Orders you want to submit and copy data from the selected cells.
3. Press the **Import** button and in the window that appears paste the copied data inside the first field. You can also insert a comment for all of the Orders in the second field “Insert note for all Orders”:

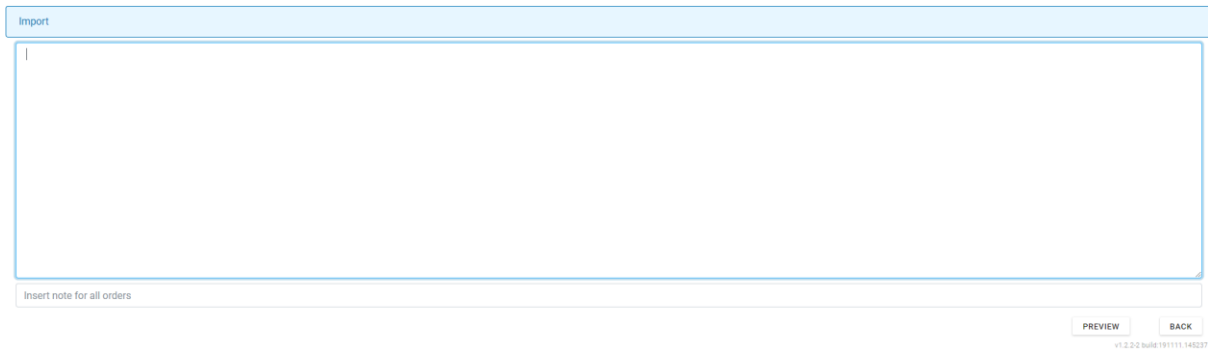


Figure 27: Import bulk Orders

PREVIEW

Once you have pasted the data, click on the Preview button and the results of the copied data will be reflected to a similar screen as the following screenshot:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
BLK Sell AG_DIMITRIOSS ECT1 Price: 41.14 Accept: %100	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
BLK Sell AG_DIMITRIOSS ECT1 Price: 43.78 Accept: %100	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
BLK Sell AG_DIMITRIOSS ECT1 Price: 46.42 Accept: %100																				86	86	86	86	86

Figure 28: Bulk import preview

These Orders have not been submitted to the system yet.

SUBMIT ORDERS

You can briefly check that the Orders were pasted and understood correctly and then press this button.

BACK

You may also press this button if you have changed your mind. This action will return you to the main window of the Markets.

After the submission of the Orders, the following table is activated with the following information:

Submit Order Results

Total	3
Errors	0
Warnings	0
Successful	3

Figure 29: Bulk import results

CLOSE

Press this button to close this form and you will be redirected to the DAM Markets where all your Orders for every MTU will be displayed, including the new ones.


DELETE ORDERS

You can press this button to delete this bulk import.

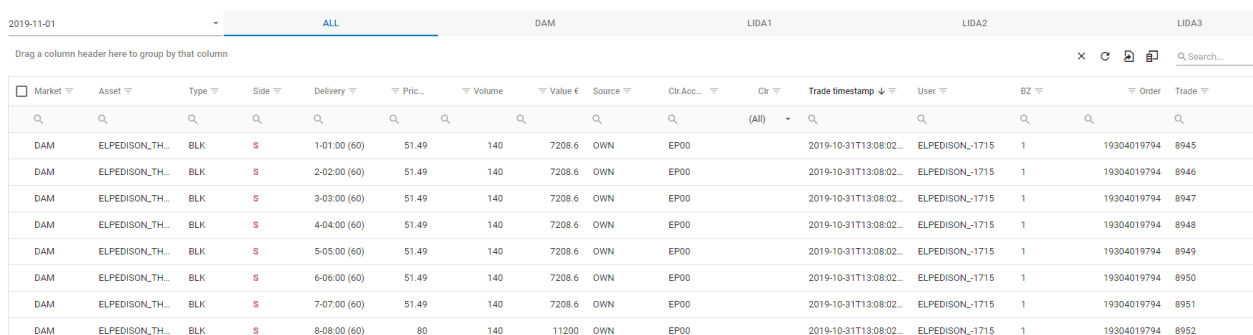
7 Trades

In the Trades screen you can view and manage all the transactions that have been concluded from the Market Auctions. You must select one specific Delivery Day and either ALL or one of the four available markets (DAM, LIDA1, LIDA2 and LIDA3).

We separate the Orders in two main categories: The Buy Orders (B) for energy offtake and the Sell Orders (S) for energy delivery. Each trade is related to one Order, but some Orders may not produce a trade.

To access the Trades screen, select from the menu the  button.

7.1 Trades Screen



Market	Asset	Type	Side	Delivery	Price	Volume	Value €	Source	Clr.Acc.	Clr	Trade timestamp	User	BZ	Order	Trade
DAM	ELPEDISON_TH...	BLK	S	1-01:00 (60)	51.49	140	7208.6	OWN	EP00		2019-10-31T13:08:02...	ELPEDISON_1715	1	19304019794	8945
DAM	ELPEDISON_TH...	BLK	S	2-02:00 (60)	51.49	140	7208.6	OWN	EP00		2019-10-31T13:08:02...	ELPEDISON_1715	1	19304019794	8946
DAM	ELPEDISON_TH...	BLK	S	3-03:00 (60)	51.49	140	7208.6	OWN	EP00		2019-10-31T13:08:02...	ELPEDISON_1715	1	19304019794	8947
DAM	ELPEDISON_TH...	BLK	S	4-04:00 (60)	51.49	140	7208.6	OWN	EP00		2019-10-31T13:08:02...	ELPEDISON_1715	1	19304019794	8948
DAM	ELPEDISON_TH...	BLK	S	5-05:00 (60)	51.49	140	7208.6	OWN	EP00		2019-10-31T13:08:02...	ELPEDISON_1715	1	19304019794	8949
DAM	ELPEDISON_TH...	BLK	S	6-06:00 (60)	51.49	140	7208.6	OWN	EP00		2019-10-31T13:08:02...	ELPEDISON_1715	1	19304019794	8950
DAM	ELPEDISON_TH...	BLK	S	7-07:00 (60)	51.49	140	7208.6	OWN	EP00		2019-10-31T13:08:02...	ELPEDISON_1715	1	19304019794	8951
DAM	ELPEDISON_TH...	BLK	S	8-08:00 (60)	80	140	11200	OWN	EP00		2019-10-31T13:08:02...	ELPEDISON_1715	1	19304019794	8952

Figure 30: Trades Screen

7.1.1 Trade screen columns

- Market:** The market where the trade is concluded.
- Asset:** The asset of the trade.
- Type:** The type of the related order (BLK, PPT, Hybrid).
- Side:** The side of the trade (B for Buy or S for Sell).
- Delivery:** The MTU that energy has to be delivered to/by.
- Price:** The price of the trade in euro (€) per megawatt hour (€/MWh).
- Volume:** The volume of the trade measured in MWh.
- Value:** The value of the trade in euro (€). This is the amount due for buys or the amount receivable for sells.
- Source:** The following values reflects the source of the order:
 - OWN for Orders submitted by the participant itself.

- TSO for Orders submitted by the TSO on behalf of the participant.
- HENEX for PPT Orders generated during the nomination process.

Clr. Account: The clearing subaccount.

Clr: This flag indicates that the transaction has not been cleared yet.

Trade timestamp: The date and time of the executed Trade.

User: The user who inserted the related Order.

BZ: The bidding zone of the asset of the trade.

Order: The order id of the related order.








Trade: The id of the trade in the system.

At the bottom of the screen, you can see an aggregation line with the total number of trades and the total volume.

Count: 144 Sum: 15604.800

Figure 31: Aggregation line

7.1.2 Trade screen functionalities

-  Drag a column header here to group by that column. Use this feature to display data in groups
-  Use this button to reset the filtering and the grouping you may have performed.
-  Use this button to refresh the data of the displayed info.
-  When you press this button you can export the displayed data, in an excel file with two (2) options:
 -  **Export all data:** The data that you see in this form will be exported to an excel file
 -  **Only the selected rows:** Only the selected columns will be copied
-  When you press this button the following pop up window appears from which you can drag and drop into the form the columns you want to display or hide:

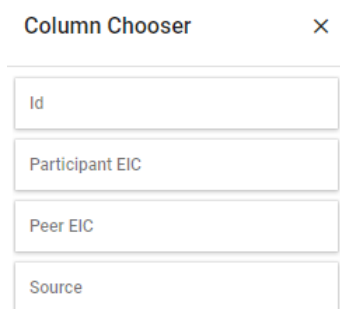













Figure 32: Column Chooser

 Search...

Use the search bar for quick search

Sorting (ascending or descending) is available in every column by clicking on the heading of the row.

Filtering can be performed by pressing the  icon

	Beneath the row with the headings of the columns, you can use the magnifier to choose one of the following search filter:	
	Contains:	Insert the data that is contained in column's data
	Does not contain:	Insert the data that is NOT contained in column's data
	Starts with:	Insert the data that starts with
	Ends with:	Insert the data that ends with
	Equals:	Insert the data that is contained exactly in column's data
	Does not equal:	Insert the data that you want to exclude from your search
	Reset:	Choose this option to reset your filters in the selected column
		If you don't have the magnifier button, you can press the down arrow and filter by name

Screen settings are saved and restored when you visit ETSS Web Trader again. However, settings are stored on the browser and not on a user area in the system. If you use a different PC or browser, then you will see the default settings again.

8 Registrations

OTC bilateral contracts between Market Participants have to be registered and nominated in the Day Ahead Market, under the provisions of current regulation. Using the Registration functionality, you can overview/add/edit/accept/withdraw bilateral OTC contracts.

Active registrations will be used by the system to calculate the Net Delivery Positions that are going to be used in the nomination process.

To access the Registrations form, select from menu the



button:

8.1 The registration screen

Registration: CLOSED at 20-10-07 13:00 GMT+2 Delivery Date: 2020-10-09

Current Market Time: 2020-10-07 17:31:19GMT+2(CEST)

Drag a column header here to group by that column

Contract ID	Status	Participant	Peer	From	To	Week Days	MTUs	Offtake	Delivery	Platform	My private ...	Comment f...
SELF SELL	FAILED	PPC	PPC	2020-03-05	2020-03-31	M T W T F S S	base peak offPeak	250		Withdrawn by ...		
SELF 17042020...	EXPIRED	PPC	PPC	2020-04-24	2020-04-30	M T W T F S S	base peak offPeak		250			
SELF 17042020...	EXPIRED	PPC	PPC	2020-04-24	2020-04-30	M T W T F S S	base peak offPeak		250			
SELF-CONTRACT	EXPIRED	PPC	PPC	2020-05-07	2020-05-31	M T W T F S S	base peak offPeak		337			PPC
SELF-CONTRACT	EXPIRED	PPC	PPC	2020-05-07	2020-05-31	M T W T F S S	base peak offPeak		337			PPC
test-ppc	EXPIRED	PPC	PPC	2020-10-02	2020-10-09	M T W T F S S	base peak offPeak		10			
test-ppc-elp	EXPIRED	PPC	ELPEDISON	2020-10-02	2020-10-09	M T W T F S S	base peak offPeak			7		
test-ppc	EXPIRED	PPC	PPC	2020-10-02	2020-10-09	M T W T F S S	base peak offPeak			10		

Figure 33: Registrations Screen

8.1.1 Registrations displayed columns

The following columns are displayed:

- Contract:** This ID code is given by both counterparties and is used to distinguish similar contracts.
- Status:** The status of the contract:
- Active: The contract is active.
 - Pending: The contract waits for the counterparty to accept it.
 - Withdrawn: The contract has been withdrawn.
 - Cancelled: The contract has been cancelled.
 - Failed: The contracts has failed if no one has accepted it.
 - Expired: The contract has expired.
 - Rejected: The contract has been rejected.
 - Confirmed: The contract has been confirmed.

Participant:	The ID of the participant
Peer:	The name of the counterparty
From:	The date from which the contract will be enabled
To:	The last day the contract is active
Week Days:	The days of the week where the contract will be applied
MTUs:	The MTUs of the contract
Offtake:	The volume that has to be sold (in MWh)
Delivery:	The volume that has to be delivered (in MWh)
Platform:	When contract status changes by system actions, an explanation is shown here
My Private Note:	A private comment of the contract for the user that has inserted it
Comment for Peer:	A comment of the contract that can be seen by the peer
Id:	The registration ID
Participant EIC:	The EIC code of the participant
Peer EIC:	The EIC code of the peer
Source:	The registration source.

8.1.2 Main screen functionality

You can use the following features:

- ✕ Use this button to reset the filtering and the grouping you may have performed.
- 🔄 Use this button to refresh the data of the displayed info.
- +
- Use this button to add a new contract. The displayed fields are elaborated in section 8.2.
- When you press this button you can export the displayed data, in an excel file with two (2) options:
 - Export all data:** The data that you see in this form will be exported in .xls file
 - Only the selected rows:** Only the selected columns will be copied
- When you press this button the following pop up window appears from which you can drag and drop into the form the columns you want to display or hide:

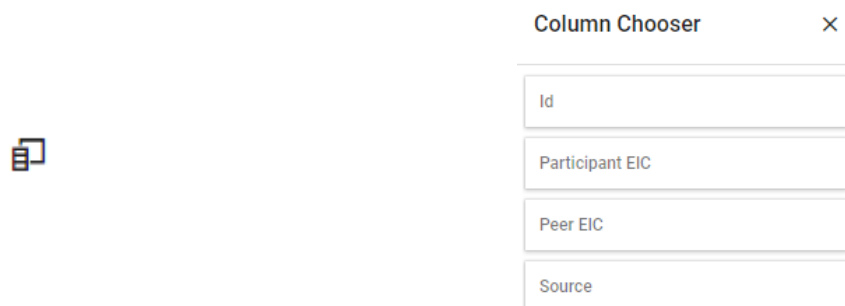




Figure 34: Column Chooser

-  Search... Use the search bar for quick search

-  Use the recycle bin button to delete the record



Use the copy button to copy/clone a contract. When you press this button a new record is displayed on the screen with the same name of the contract you have copied followed by `_copy`. You must give a new name, make all the changes you want and press the **SAVE CONTRACT** button or you can aboard by pressing the **CANCEL** button.

Sorting (ascending or descending) is available in every column by clicking on the Column Header.

Filtering can be performed by pressing icon



Beneath the row with the headings of the columns, you can use the magnifier to choose one of the following search filter:



- Contains:** Insert the data that is contained in column’s data
 - Does not contain:** Insert the data that is NOT contained in column’s data
 - Starts with:** Insert the data that starts with
 - Ends with:** Insert the data that ends with
 - Equals:** Insert the data that is contained exactly in column’s data
 - Does not equal:** Insert the data that you want to exclude from your search
 - Reset:** Choose this option to reset your filters in the selectec column
- If you don’t have the magnifier button, you can press the down arrow and filter by name

8.2 Add an OTC contract

When user presses the icon + the following form is displayed in order to add a new bilateral contract:

Figure 35: Add new contract

- Contract:** Insert the contract ID.
- Peer:** Press the down arrow to select the participant you want to conduct the contract.
- From:** Insert the date from which the contract will be enabled. Under the current Trading Rulebook, you will not be allowed to insert contracts that have already started to produce net delivery position (obligations).

To:	Insert the expiration date of the contract.
Week Days:	Select the days of the week.
MTUs:	Select the Market Time Units with one of the following ways: 1 st : base Automatically selects all MTUs. 2 nd : peak Automatically selects the peak hours for the MTU's. 3 rd : off Peak Automatically selects the off-peak hours for the MTU's. 4 th : You can select the MTUs by clicking on them. For the days that summer time changes to winter time, MTU 3 will produce net delivery positions for 2 MTUs (02:00 CEST and 02:00 CET)
Offtake:	Insert the volume you have to buy in MWh
Delivery:	Insert the volume you have to deliver in MWh
Private:	Insert a private comment
To Peer:	Insert a comment for the peer
SAVE	Click to save your contract
CONTRACT:	
CANCEL:	Click to cancel your contract

Once you have saved your registration, the new contract is reflected on the screen and you have 2 options:



You can choose the pen to edit your contract



You can choose the right arrow to withdraw your contract



You can choose the copy button to copy/clone your contract

If you are the peer, in the registrations menu you will be able to see your pending contracts with the following symbols:



When you press this button a confirmation pop up window appears:

Confirm

Are you sure you want to confirm contract **TEST-ELI**

YES

NO

Figure 36: Confirmation message



When you press this button a confirmation pop up window appears:


Reject

Are you sure you want to reject contract **XSDDD-ERETT** ?

YES NO

Figure 37: Confirmation message

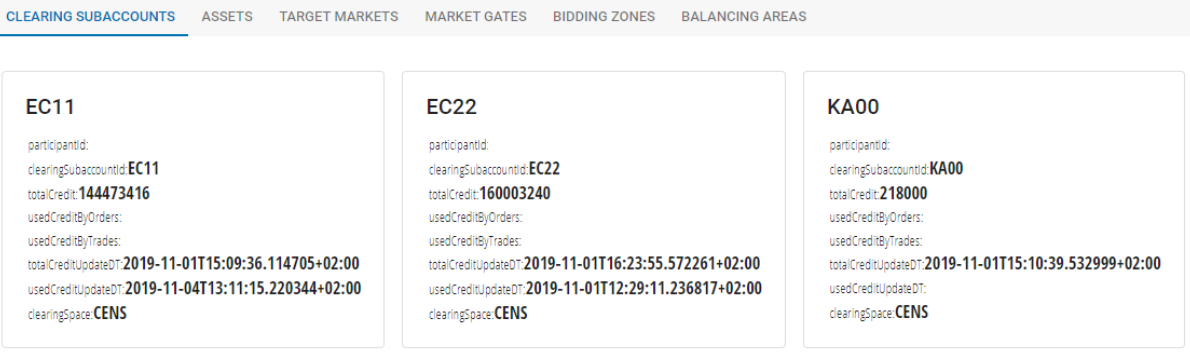
9 Resources

In the Resources screen info is displayed, based on the user profile, about your clearing subaccounts, reference prices, assets, target markets, market gates, bidding zones and balancing areas from the main window, by  clicking on the button

RESOURCES

9.1 Clearing Subaccounts

The first tab CLEARING SUBACCOUNTS displays information about your clearing subaccounts, as it is showed in the following screen:



CLEARING SUBACCOUNTS ASSETS TARGET MARKETS MARKET GATES BIDDING ZONES BALANCING AREAS

Participant ID	Clearing Subaccount ID	Total Credit	Used Credit By Orders	Used Credit By Trades	Total Credit Update DT	Used Credit Update DT	Clearing Space
EC11	EC11	144473416			2019-11-01T15:09:36.114705+02:00	2019-11-04T13:11:15.220344+02:00	CENS
EC22	EC22	160003240			2019-11-01T16:23:55.572261+02:00	2019-11-01T12:29:11.236817+02:00	CENS
KA00	KA00	218000			2019-11-01T15:10:39.532999+02:00		CENS

Version: v1.2.2(+4)-191031.151620

Figure 38: Clearing Subaccounts /Resources window

9.2 Reference Prices

The second tab Reference Prices displays the clearing reference prices per MTU that will be used for credit limit calculations of priceless orders.

CLEARING SUBACCOUNTS							REFERENCE PRICES	ASSETS	TARGET MARKETS	MARKET GATES	BIDDING ZONES	BALANCING AREAS
Drag a column header here to group by that column							× ↺ ↻ 📄 🔍 Search...					
Market	Delivery Start	Price	Price Type	Currency	Bidding Zone	Last Updated Timest...						
Q	Q	Q	Q	Q	Q	Q						
DAM	20-10-10 00:00 GMT+2	50	PPT_BUY	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 00:00 GMT+2	50	PPT_SELL	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 01:00 GMT+2	50	PPT_BUY	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 01:00 GMT+2	50	PPT_SELL	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 02:00 GMT+2	50	PPT_BUY	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 02:00 GMT+2	50	PPT_SELL	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 03:00 GMT+2	50	PPT_BUY	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 03:00 GMT+2	50	PPT_SELL	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 04:00 GMT+2	50	PPT_BUY	EUR	1	2020-10-03T08:10:03...						
DAM	20-10-10 04:00 GMT+2	50	PPT_SELL	EUR	1	2020-10-03T08:10:03...						

Figure 39: Clearing Subaccounts /Resources window

9.3 Assets

The third tab ASSETS, displays the information about your assets, as it is showed in the following screen:

CLEARING SUBACCOUNTS												ASSETS	TARGET MARKETS	MARKET GATES	BIDDING ZONES	BALANCING AREAS
id	participantid	deliveryDate	description	direction	businessType	assetSOCode	biddingZone	balanceArea	nominalCapacity	clearingSubAccDefaultId	EIC					
KOMOTINI	PPC	2019-11-04		IN			1	10YGR-HTSO---Y								
THESAVROS3_PUMP	PPC	2019-11-04		OUT			1	10YGR-HTSO---Y								
THESAVROS3_HYDRO	PPC	2019-11-04		IN			1	10YGR-HTSO---Y								
THESAVROS2_PUMP	PPC	2019-11-04		OUT			1	10YGR-HTSO---Y								
THESAVROS2_HYDRO	PPC	2019-11-04		IN			1	10YGR-HTSO---Y								
THESAVROS1_PUMP	PPC	2019-11-04		OUT			1	10YGR-HTSO---Y								
THESAVROS1_HYDRO	PPC	2019-11-04		IN			1	10YGR-HTSO---Y								
STRATOS1	PPC	2019-11-04		IN			1	10YGR-HTSO---Y								
SFIKIA_PUMP	PPC	2019-11-04		OUT			1	10YGR-HTSO---Y								

Figure 40: Assets window

9.4 Target Markets

The fourth tab TARGET MARKETS displays information about the markets where you have access, as it is showed in the following screen:

shortName	longName	description	targetMarketType
REG	REGISTRATION	REGISTRATION	REG
NOM	Nomination	Nomination	NOM
DAM	Day Ahead Market	Day Ahead Market	DAM
LIDA1	First Local Intraday Auction	First Local Intraday Auction	LIDA
LIDA2	Second Local Intraday Auction	Second Local Intraday Auction	LIDA
LIDA3	Third Local Intraday Auction	Third Local Intraday Auction	LIDA

Figure 41: Target Markets window

9.5 Market Gates

The fifth tab MARKET GATES displays the datetime for specific actions, as it is showed in the following screen:

Gate	Description	openTimeDate	closeTimeDate	Opened at	Closed at	remainingTime	targetMarket	deliveryDate	statusKey
PPT Order Entry	Priority Price-taking Order Entry for the Day Ahead Market	19-11-02 10:00 GMT+1	19-11-03 10:30 GMT+1	19-11-02 10:00 GMT+1	19-11-03 10:30 GMT+1		DAM	2019-11-04	CLOSED
DAM Order Entry	Order Entry for Day Ahead Market	19-11-02 10:00 GMT+1	19-11-03 12:00 GMT+1	19-11-02 10:00 GMT+1	19-11-03 12:00 GMT+1		DAM	2019-11-04	CLOSED
Nomination	Delivery/Offtake Nominations	19-11-02 13:00 GMT+1	19-11-03 10:00 GMT+1	19-11-02 13:00 GMT+1	19-11-03 10:00 GMT+1		NOM	2019-11-04	CLOSED
LIDA1 Intraday Order Validation	First Local Intraday Auction Order Validation	19-11-03 12:55 GMT+1	19-11-03 12:56 GMT+1	19-11-03 12:55 GMT+1	19-11-03 12:56 GMT+1		LIDA1	2019-11-04	CLOSED
PPT LIDA1	Priority Price-taking Order Entry for the LIDA1	19-11-03 12:59 GMT+1	19-11-03 13:30 GMT+1	19-11-03 12:59 GMT+1	19-11-03 13:30 GMT+1		LIDA1	2019-11-04	CLOSED
LIDA1 Intraday Order Entry	First Local Intraday Auction Order Entry	19-11-03 13:00 GMT+1	19-11-03 15:00 GMT+1	19-11-03 13:00 GMT+1	19-11-03 15:00 GMT+1		LIDA1	2019-11-04	CLOSED
LIDA2 Intraday Order Validation	Second Local Intraday Auction Order Validation	19-11-03 15:25 GMT+1	19-11-03 15:26 GMT+1	19-11-03 15:25 GMT+1	19-11-03 15:26 GMT+1		LIDA2	2019-11-04	CLOSED
PPT LIDA2	Priority Price-taking Order Entry for the LIDA2	19-11-03 15:29 GMT+1	19-11-03 16:00 GMT+1				LIDA2	2019-11-04	NOTOPENED
LIDA2 Intraday Order Entry	Second Local Intraday Auction Order Entry	19-11-03 15:30 GMT+1	19-11-03 22:00 GMT+1				LIDA2	2019-11-04	NOTOPENED
LIDA3 Intraday Order Validation	Third Local Intraday Auction Order Validation	19-11-04 03:55 GMT+1	19-11-04 03:56 GMT+1	19-11-04 03:55 GMT+1	19-11-04 03:56 GMT+1		LIDA3	2019-11-04	CLOSED
PPT LIDA3	Priority Price-taking Order Entry for the LIDA3	19-11-04 03:59 GMT+1	19-11-04 05:00 GMT+1				LIDA3	2019-11-04	NOTOPENED
LIDA3 Intraday Order Entry	Third Local Intraday Auction Order Entry	19-11-04 04:00 GMT+1	19-11-04 07:30 GMT+1				LIDA3	2019-11-04	NOTOPENED
DAM Order Validation	Order Validation for Day Ahead Market			19-11-03 10:30 GMT+1	19-11-03 10:30 GMT+1		DAM	2019-11-04	CLOSED
Registration	Bilateral Forward Contracts Registration		19-11-02 13:00 GMT+1		19-11-02 13:00 GMT+1		REG	2019-11-04	CLOSED

Figure 42: Market Gates window

9.6 Bidding Zones

The sixth tab BIDDING ZONES displays the largest geographical areas within which energy can be exchanged without capacity allocation, as it is showed in the following screen:

CLEARING SUBACCOUNTS	ASSETS	TARGET MARKETS	MARKET GATES	BIDDING ZONES	BALANCING AREAS
key	shortName	longName	description	balancingArea	EIC
1	Mainland Greece	Greece Mainland Zone	Greece Mainland Zone	1	10YGR-HTSO----Y
2	Crete	Greece Crete Zone	Greece Crete Zone	1	--YGR-DEV2-----

Figure 43: Bidding zones window

9.7 Balancing Areas

The last tab BALANCING AREAS, displays the Balancing areas that are defined in the system, as it is showed in the following screen:

CLEARING SUBACCOUNTS	ASSETS	TARGET MARKETS	MARKET GATES	BIDDING ZONES	BALANCING AREAS
shortName	longName	description	EIC		
Greek Balancing Area	Greek Balancing Area	Greek Balancing Area	--PBAA-BA-GREE-		

Figure 44: Balancing areas window

10 User information

You can display info about your account from the main window, by clicking on the button



The following information is displayed:

User	Api
<p>Log out</p> <p>Username: PPC_TRADER1@MAIL.COM Name: PPC_TRADER1 PPC_TRADER1 Company key: PPC Company: ΔΗΜΟΣΙΑ ΕΠΙΧΕΙΡΗΣΗ ΗΛΕΚΤΡΙΣΜΟΥ Α.Ε. Roles for access: ETSS_WEBTRADER_USER,REG_NOM_TRADER,ETSS_SERVER_API,RESLR_TRADER,LRS_TRA DER,USS_TRADER,RESFIT_TRADER,TRADER Allowed markets: DAM,NOM,LIDA2,LIDA3,REG,LIDA1 Allowed markets for PPT:</p>	<p>Specification version: 1.9.0 Client ip: 192.168.218.14 Server version: 1.9.1-SNAPSHOT Server address: etssuat.enexgroup.gr</p>

Figure 45: User information window

In the first table user info is displayed

Log out	Logoff the trading platform
Username	Your registered name
Name	Your account/username
Company Key	The company short name
Company	The full name of the company
Roles	The roles you have in this platform
Allowed Markets	The markets you are allowed to participate
Allowed markets for PPT	The markets you are allowed to participate with PPT orders

In the second table API info is displayed

Specification version	The current version
Client ip	The ip address
Server version	The version of the server
Server address	The ip address of the server

11 Appendix I: Sample input structures

Tab-delimited structures may be used for bulk submission of Hybrid and Block Orders and also for bulk submission of Nomination schedules. The following are illustrative examples of input structures for each input category supported by ETSS Web-Trader. Header descriptions for each template file are also provided. Sample input structures in the form of Excel files are provided on request by EnEx-Member-Support@enexgroup.gr.

Block Orders template (Normal Orders)

submitUId	assetId	assetEICCode	participantId	participantEICCode	currency	targetMarket	orderType	side	clearingSubAccountId	businessProcessKey	externalOrderId	blkPrice	blkAcceptanceRatio	blkMTUs	blkExclusiveGroupId	blkRelationType	blkParentSubmitUIds	blkLinkedParentIds	notes
B110001	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		41.14	100	2018-01-20T00:00+01:00@60@170 2018-01-20T01:00+01:00@60@170 2018-01-20T02:00+01:00@60@170 2018-01-20T03:00+01:00@60@170 2018-01-20T04:00+01:00@60@170 2018-01-20T05:00+01:00@60@170 2018-01-20T06:00+01:00@60@170 2018-01-20T07:00+01:00@60@170 2018-01-20T08:00+01:00@60@170 2018-01-20T09:00+01:00@60@170 2018-01-20T10:00+01:00@60@170 2018-01-20T11:00+01:00@60@170 2018-01-20T12:00+01:00@60@170 2018-01-20T13:00+01:00@60@170 2018-01-20T14:00+01:00@60@170 2018-01-20T15:00+01:00@60@170 2018-01-20T16:00+01:00@60@170 2018-01-20T17:00+01:00@60@170 2018-01-20T18:00+01:00@60@170 2018-01-20T19:00+01:00@60@170 2018-01-20T21:00+01:00@60@170 2018-01-20T22:00+01:00@60@170 2018-01-20T23:00+01:00@60@170		N			
B110002	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		43.78	100	2018-01-20T00:00+01:00@60@86 2018-01-20T01:00+01:00@60@86 2018-01-20T02:00+01:00@60@86 2018-01-20T03:00+01:00@60@86 2018-01-20T04:00+01:00@60@86 2018-01-20T05:00+01:00@60@86 2018-01-20T06:00+01:00@60@86 2018-01-20T07:00+01:00@60@86 2018-01-20T08:00+01:00@60@86 2018-01-20T09:00+01:00@60@86 2018-01-20T10:00+01:00@60@86 2018-01-20T11:00+01:00@60@86 2018-01-20T12:00+01:00@60@86 2018-01-20T13:00+01:00@60@86 2018-01-20T14:00+01:00@60@86 2018-01-20T15:00+01:00@60@86 2018-01-20T16:00+01:00@60@86 2018-01-20T17:00+01:00@60@86 2018-01-20T18:00+01:00@60@86 2018-01-20T19:00+01:00@60@86 2018-01-20T20:00+01:00@60@86 2018-01-20T21:00+01:00@60@86 2018-01-20T22:00+01:00@60@86 2018-01-20T23:00+01:00@60@86		N			
B110003	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		46.42	100	2018-01-20T19:00+01:00@60@86 2018-01-20T20:00+01:00@60@86 2018-01-20T21:00+01:00@60@86 2018-01-20T22:00+01:00@60@86 2018-01-20T23:00+01:00@60@86		N			

Block Orders template (Linked Orders)

submitUid	assetId	assetEICCode	participantId	participantEICCode	currency	targetMarket	orderType	side	clearingSubAccountid	businessProcessKey	externalOrderid	blkPrice	blkAcceptanceRatio	blkMTUs	blkExclusiveGroupid	blkRelationType	blkParentSubmitUids	blkLinkedParentids	notes
B220001	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		47.84	100	2018-01-20T00:00+01:00@60@170 2018-01-20T01:00+01:00@60@170 2018-01-20T02:00+01:00@60@170 2018-01-20T03:00+01:00@60@170 2018-01-20T04:00+01:00@60@170 2018-01-20T05:00+01:00@60@170 2018-01-20T06:00+01:00@60@170 2018-01-20T07:00+01:00@60@170 2018-01-20T08:00+01:00@60@170 2018-01-20T09:00+01:00@60@170 2018-01-20T10:00+01:00@60@170 2018-01-20T11:00+01:00@60@170 2018-01-20T12:00+01:00@60@170 2018-01-20T13:00+01:00@60@170 2018-01-20T14:00+01:00@60@170 2018-01-20T15:00+01:00@60@170 2018-01-20T16:00+01:00@60@170 2018-01-20T17:00+01:00@60@170 2018-01-20T18:00+01:00@60@170 2018-01-20T19:00+01:00@60@170 2018-01-20T20:00+01:00@60@170 2018-01-20T21:00+01:00@60@170 2018-01-20T22:00+01:00@60@170 2018-01-20T23:00+01:00@60@170		N			
B220002	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		43.78	100	2018-01-20T00:00+01:00@60@86 2018-01-20T01:00+01:00@60@86 2018-01-20T02:00+01:00@60@86 2018-01-20T03:00+01:00@60@86 2018-01-20T04:00+01:00@60@86 2018-01-20T05:00+01:00@60@86 2018-01-20T06:00+01:00@60@86 2018-01-20T07:00+01:00@60@86 2018-01-20T08:00+01:00@60@86 2018-01-20T09:00+01:00@60@86 2018-01-20T10:00+01:00@60@86 2018-01-20T11:00+01:00@60@86 2018-01-20T12:00+01:00@60@86 2018-01-20T13:00+01:00@60@86 2018-01-20T14:00+01:00@60@86 2018-01-20T15:00+01:00@60@86 2018-01-20T16:00+01:00@60@86 2018-01-20T17:00+01:00@60@86 2018-01-20T18:00+01:00@60@86 2018-01-20T19:00+01:00@60@86 2018-01-20T20:00+01:00@60@86 2018-01-20T21:00+01:00@60@86 2018-01-20T22:00+01:00@60@86 2018-01-20T23:00+01:00@60@86		L	B220001		
B220003	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		46.42	100	2018-01-20T19:00+01:00@60@86 2018-01-20T20:00+01:00@60@86 2018-01-20T21:00+01:00@60@86 2018-01-20T22:00+01:00@60@86 2018-01-20T23:00+01:00@60@86		L	B220002		

Block Orders template (Linked Orders)

submitUId	assetId	assetEICCode	participantId	participantEICCode	currency	targetMarket	orderType	side	clearingSubAccountId	businessProcessKey	externalOrderId	blkPrice	blkAcceptanceRatio	blkMTUs	blkExclusiveGroupId	blkRelationType	blkParentSubmitUIds	blkLinkedParentIds	notes
B440001	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T06:00+01:00@60@342 2018-01-20T07:00+01:00@60@342 2018-01-20T08:00+01:00@60@342 2018-01-20T09:00+01:00@60@342 2018-01-20T10:00+01:00@60@342 2018-01-20T11:00+01:00@60@342 2018-01-20T12:00+01:00@60@342 2018-01-20T13:00+01:00@60@342 2018-01-20T14:00+01:00@60@342 2018-01-20T15:00+01:00@60@342 2018-01-20T16:00+01:00@60@342 2018-01-20T17:00+01:00@60@342 2018-01-20T18:00+01:00@60@342 2018-01-20T19:00+01:00@60@342 2018-01-20T20:00+01:00@60@342 2018-01-20T21:00+01:00@60@342 2018-01-20T22:00+01:00@60@342 2018-01-20T23:00+01:00@60@342	EXCLUSIVE_20180120_01	E			
B440002	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T12:00+01:00@60@342 2018-01-20T13:00+01:00@60@342 2018-01-20T14:00+01:00@60@342 2018-01-20T15:00+01:00@60@342 2018-01-20T16:00+01:00@60@342 2018-01-20T17:00+01:00@60@342 2018-01-20T18:00+01:00@60@342 2018-01-20T19:00+01:00@60@342 2018-01-20T20:00+01:00@60@342 2018-01-20T21:00+01:00@60@342 2018-01-20T22:00+01:00@60@342 2018-01-20T23:00+01:00@60@342	EXCLUSIVE_20180120_01	E			
B440003	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T14:00+01:00@60@342 2018-01-20T15:00+01:00@60@342 2018-01-20T16:00+01:00@60@342 2018-01-20T17:00+01:00@60@342 2018-01-20T18:00+01:00@60@342 2018-01-20T19:00+01:00@60@342 2018-01-20T20:00+01:00@60@342 2018-01-20T21:00+01:00@60@342	EXCLUSIVE_20180120_01	E			
B440004	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T08:00+01:00@60@170 2018-01-20T09:00+01:00@60@170 2018-01-20T10:00+01:00@60@170 2018-01-20T11:00+01:00@60@170 2018-01-20T12:00+01:00@60@170 2018-01-20T13:00+01:00@60@170 2018-01-20T14:00+01:00@60@170 2018-01-20T15:00+01:00@60@170 2018-01-20T16:00+01:00@60@170 2018-01-20T17:00+01:00@60@170 2018-01-20T18:00+01:00@60@170 2018-01-20T19:00+01:00@60@170 2018-01-20T20:00+01:00@60@170 2018-01-20T21:00+01:00@60@170 2018-01-20T22:00+01:00@60@170 2018-01-20T23:00+01:00@60@170	EXCLUSIVE_20180120_01	E			
B440005	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T14:00+01:00@60@170 2018-01-20T15:00+01:00@60@170 2018-01-20T16:00+01:00@60@170 2018-01-20T17:00+01:00@60@170 2018-01-20T18:00+01:00@60@170 2018-01-20T19:00+01:00@60@170 2018-01-20T20:00+01:00@60@170 2018-01-20T21:00+01:00@60@170 2018-01-20T22:00+01:00@60@170 2018-01-20T23:00+01:00@60@170	EXCLUSIVE_20180120_01	E			
B440006	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T15:00+01:00@60@170 2018-01-20T16:00+01:00@60@170 2018-01-20T17:00+01:00@60@170 2018-01-20T18:00+01:00@60@170 2018-01-20T19:00+01:00@60@170 2018-01-20T20:00+01:00@60@170	EXCLUSIVE_20180120_01	E			
B440007	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T00:00+01:00@60@342 2018-01-20T01:00+01:00@60@342 2018-01-20T02:00+01:00@60@342 2018-01-20T03:00+01:00@60@342	EXCLUSIVE_20180120_02	E			

submitUId	assetId	assetEICCode	participantId	participantEICCode	currency	targetMarket	orderType	side	clearingSubAccountId	businessProcessKey	externalOrderId	blkPrice	blkAcceptanceRatio	blkMTUs	blkExclusiveGroupId	blkRelationType	blkParentSubmitUIds	blkLinkedParentIds	notes
B440008	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T00:00+01:00@60@342 2018-01-20T01:00+01:00@60@342 2018-01-20T02:00+01:00@60@342	EXCLUSIVE_20180120_02	E			
B440009	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T00:00+01:00@60@342 2018-01-20T01:00+01:00@60@342	EXCLUSIVE_20180120_02	E			
B440010	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T00:00+01:00@60@170 2018-01-20T01:00+01:00@60@170 2018-01-20T02:00+01:00@60@170	EXCLUSIVE_20180120_02	E			
B440011	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T00:00+01:00@60@170 2018-01-20T01:00+01:00@60@170	EXCLUSIVE_20180120_02	E			
B440012	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		45.8	100	2018-01-20T00:00+01:00@60@170	EXCLUSIVE_20180120_02	E			
B110002	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		43.78	100	2018-01-20T00:00+01:00@60@86 2018-01-20T01:00+01:00@60@86 2018-01-20T02:00+01:00@60@86 2018-01-20T03:00+01:00@60@86 2018-01-20T04:00+01:00@60@86 2018-01-20T05:00+01:00@60@86 2018-01-20T06:00+01:00@60@86 2018-01-20T07:00+01:00@60@86 2018-01-20T08:00+01:00@60@86 2018-01-20T09:00+01:00@60@86 2018-01-20T10:00+01:00@60@86 2018-01-20T11:00+01:00@60@86 2018-01-20T12:00+01:00@60@86 2018-01-20T13:00+01:00@60@86 2018-01-20T14:00+01:00@60@86 2018-01-20T15:00+01:00@60@86 2018-01-20T16:00+01:00@60@86 2018-01-20T17:00+01:00@60@86 2018-01-20T18:00+01:00@60@86 2018-01-20T19:00+01:00@60@86 2018-01-20T20:00+01:00@60@86 2018-01-20T21:00+01:00@60@86 2018-01-20T22:00+01:00@60@86 2018-01-20T23:00+01:00@60@86		N			
B110003	ASSET_ID		PARTY_ID		EUR	DAM	BLK	S	SUBACCOUNT_ID	0		46.42	100	2018-01-20T19:00+01:00@60@86 2018-01-20T20:00+01:00@60@86 2018-01-20T21:00+01:00@60@86 2018-01-20T22:00+01:00@60@86 2018-01-20T23:00+01:00@60@86		N			

Block Orders Header Description

Field Name	Field Description
submitUID	String (Required/Nullable). A unique Id in the batch of orders.
assetId	String (Required/Nullable). The Asset ID sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either assetId or assetEICCode must be submitted.
assetEICCode	String (Required/Nullable). The Asset EIC Code sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either assetId or assetEICCode must be submitted.
participantId	String (Required/Nullable). The Participant ID as stored in HEnEx ETSS.
participantEICCode	String (Required/Nullable). The Participant EIC Code sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either participantId or participantEICCode must be submitted.
currency	String (Required). The currency code (ISO 4217) of money amounts. Currently 'EUR'.
targetMarket	String (Required). Enum : NOM, DAM, REG, LIDA1, LIDA2, LIDA3. NOM for 'Nominations', DAM for 'Day-Ahead Market', REG for 'Registration', LIDA1 for Local Intraday Market 1, LIDA2 for Local Intraday Market 2, LIDA3 for Local Intraday Market 3
orderType	String (Required). Enum : PPT, BLK, HBD, NOM. NOM for Orders submitted for Nominations, BLK for limit price Block Order, HBD for Hybrid Order, PPT for Priority Price Taking Order.
side	String (Required). Enum : B, S. B for buying/offtake Order, S for selling/Delivery Order.
clearingSubAccountId	String (Nullable). The Clearing Subaccount. When indicated, a valid Clearing SubAccount. If not specified, either the 'clearingSubAccDefault' (default clearing sub-account assigned to asset) or clearingSubPrtDefault (clearing sub-account assigned to participant).
businessProcessKey	String (Required). Enum : 0, 1, 2, 3, 4. Asset business process indicator. 0 for Normal operation. 1 for Commissioning. 2 for Testing. 3 for Mandatory Hydro. 4 for CHP.
externalOrderId	String (Nullable). The order id of an external system. Participant/User may enter an OrderID of its own system.
blkPrice	Number<DoublePrecision>, Default: 0.0, The price of the order. Specific to orderType='BLK'.
blkAcceptanceRatio	Number<DoublePrecision>, Default: 100, Acceptance ratio % of the order (6 decimals). Specific to orderType='BLK'.
blkMTUs	Array of objects. An array of volumes(capacity/load) for the 'BLK' order.
blkExclusiveGroupId	String (Nullable). Default: Null. 'Exclusive block' group's common UID. Specific to orderType='BLK' and blkRelationType='E'.

Field Name	Field Description
blkRelationType	String (Nullable). Default: Null. Enum: N, E, L. The relation with the other members of the same linkedGroupId. (Valid for orderType='blk' & orderMode='market'). For orderType='BLK' if blkRelationType=Null the NORMAL type will be used. * "N" for NORMAL standalone, or parent BLOCK orders. * "E" for EXCLUSIVE BLOCK orders in the same blkLinkedGroupId. * "L" for LINKED, i.e. the children of parent/child related BLOCK orders.
blkParentSubmitUids	Array of strings.
blkLinkedParentIds	Array of integers <int64>. Default: Null. The array of parent orderIds when blkRelationType is 'L'. An order can have multiple parents.
notes	String (Nullable). Any notes about the Order that the Participant/user may wish to insert.

Hybrid Orders template

submitUId	assetId	assetEICCode	participantId	participant EICCode	currency	targetMarket	orderType	side	clearingSub AccountId	business ProcessKey	external OrderId	hbdDeliveryStartDT	hbdDelivery Duration	hbdPoints	notes
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T00:00+01:00	60	-500@0 50.73@0 50.73@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T01:00+01:00	60	-500@0 50.74@0 50.74@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T02:00+01:00	60	-500@0 50.74@0 50.74@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T03:00+01:00	60	-500@0 50.7@0 50.7@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T04:00+01:00	60	-500@0 50.67@0 50.67@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T05:00+01:00	60	-500@0 50.67@0 50.67@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T06:00+01:00	60	-500@0 50.72@0 50.72@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T07:00+01:00	60	-500@0 50.76@0 50.76@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T08:00+01:00	60	-500@0 50.72@0 50.72@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T09:00+01:00	60	-500@0 50.72@0 50.72@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T10:00+01:00	60	-500@0 50.71@0 50.71@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T11:00+01:00	60	-500@0 50.72@0 50.72@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T12:00+01:00	60	-500@0 50.73@0 50.73@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T13:00+01:00	60	-500@0 50.73@0 50.73@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T14:00+01:00	60	-500@0 50.75@0 50.75@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T15:00+01:00	60	-500@0 50.71@0 50.71@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T16:00+01:00	60	-500@0 50.74@0 50.74@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T17:00+01:00	60	-500@0 50.76@0 50.76@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T18:00+01:00	60	-500@0 50.85@0 50.85@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T19:00+01:00	60	-500@0 50.84@0 50.84@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T20:00+01:00	60	-500@0 50.85@0 50.85@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T21:00+01:00	60	-500@0 50.77@0 50.77@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T22:00+01:00	60	-500@0 50.71@0 50.71@335 3000@335	
	ASSET_ID		PARTY_ID		EUR	DAM	HBD	S	SUBACCOUNT_ID	0		2018-01-20T23:00+01:00	60	-500@0 50.74@0 50.74@335 3000@335	

Hybrid Orders Header Description

Field Name	Field Description
submitUid	String (Required/Nullable). A unique Id in the batch of orders.
assetId	String (Required/Nullable). The Asset ID sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either assetId or assetEICCode must be submitted.
assetEICCode	String (Required/Nullable). The Asset EIC Code sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either assetId or assetEICCode must be submitted.
participantId	String (Required/Nullable). The Participant ID as stored in HEnEx ETSS.
participantEICCode	String (Required/Nullable). The Participant EIC Code sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either participantId or participantEICCode must be submitted.
currency	String (Required). The currency code (ISO 4217) of money amounts. Currently 'EUR'.
targetMarket	String (Required). Enum : NOM, DAM, REG, LIDA1, LIDA2, LIDA3. NOM for 'Nominations', DAM for 'Day-Ahead Market', REG for 'Registration', LIDA1 for Local Intraday Market 1, LIDA2 for Local Intraday Market 2, LIDA3 for Local Intraday Market 3
orderType	String (Required). Enum : PPT, BLK, HBD, NOM. NOM for Orders submitted for Nominations, BLK for limit price Block Order, HBD for Hybrid Order, PPT for Priority Price Taking Order.
side	String (Required). Enum : B, S. B for buying/offtake Order, S for selling/Delivery Order.
clearingSubAccountId	String (Nullable). The Clearing Subaccount. When indicated, a valid Clearing SubAccount. If not specified, either the 'clearingSubAccDefault' (default clearing sub-account assigned to asset) or clearingSubPrtDefault (clearing sub-account assigned to participant).
businessProcessKey	String (Required). Enum : 0, 1, 2, 3, 4. Asset business process indicator. 0 for Normal operation. 1 for Commissioning. 2 for Testing. 3 for Mandatory Hydro. 4 for CHP.
externalOrderId	String (Nullable). The order id of an external system. Participant/User may enter an OrderID of its own system.
hbdDeliveryStartDT	String (Required). The MTU's delivery date time CET/CEST ISO 8601.
hbdDeliveryDuration	Integer (Required). The MTU's duration in minutes.
hbdPoints	Array of objects (An array of volume(capacity or load)/price pairs.). Items entered <= 50. * hbdPoints must be sorted by ascending volume * No more than two points can be at the same price * The first hbdPoint must define either the 'priceFloor' or 'priceCeiling' with 0 volume (depending on the side of the order (SELL/BUY)). * The last hbdPoint must define either the 'priceCeiling' for SELL orders, or the priceFloor for BUY orders.
notes	String (Nullable). Any notes about the Order that the Participant/user may wish to insert.

Nomination Orders template

submitUid	assetId	assetEICCode	participantId	participant EICCode	currency	targetMarket	orderType	side	clearingSub AccountId	business ProcessKey	external OrderId	pptDeliveryStartDT	pptDeliveryDuration	pptvolume	notes
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T00:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T01:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T02:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T03:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T04:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T05:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T06:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T07:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T08:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T09:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T10:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T11:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T12:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T13:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T14:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T15:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T16:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T17:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T18:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T19:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T20:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T21:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T22:00+01:00	60	150	
	ASSET_ID		PARTY_ID		EUR	NOM	NOM	B	SUBACCOUNT_ID	0		2018-01-20T23:00+01:00	60	150	

Nomination Orders Header Description

Field Name	Field Description
submitUid	String (Required/Nullable). A unique Id in the batch of orders.
assetId	String (Required/Nullable). The Asset ID sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either assetId or assetEICCode must be submitted.
assetEICCode	String (Required/Nullable). The Asset EIC Code sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either assetId or assetEICCode must be submitted.
participantId	String (Required/Nullable). The Participant ID as stored in HEnEx ETSS.
participantEICCode	String (Required/Nullable). The Participant EIC Code sought, as stored in HEnEx ETSS, for which the Orders are submitted. Either participantId or participantEICCode must be submitted.
currency	String (Required). The currency code (ISO 4217) of money amounts. Currently 'EUR'.
targetMarket	String (Required). Enum : NOM, DAM, REG, LIDA1, LIDA2, LIDA3. NOM for 'Nominations', DAM for 'Day-Ahead Market', REG for 'Registration', LIDA1 for Local Intraday Market 1, LIDA2 for Local Intraday Market 2, LIDA3 for Local Intraday Market 3
orderType	String (Required). Enum : PPT, BLK, HBD, NOM. NOM for Orders submitted for Nominations, BLK for limit price Block Order, HBD for Hybrid Order, PPT for Priority Price Taking Order.
side	String (Required). Enum : B, S. B for buying/offtake Order, S for selling/Delivery Order.
clearingSubAccountId	String (Nullable). The Clearing Subaccount. When indicated, a valid Clearing SubAccount. If not specified, either the 'clearingSubAccDefault' (default clearing sub-account assigned to asset) or clearingSubPrtDefault (clearing sub-account assigned to participant).
businessProcessKey	String (Required). Enum : 0, 1, 2, 3, 4. Asset business process indicator. 0 for Normal operation. 1 for Commissioning. 2 for Testing. 3 for Mandatory Hydro. 4 for CHP.
externalOrderId	String (Nullable). The order id of an external system. Participant/User may enter an OrderID of its own system.
pptDeliveryStartDT	String (Required). The MTU's delivery date time CET/CEST ISO 8601.
pptDeliveryDuration	Integer (Required). The MTU's duration in minutes.
pptvolume	Double (Required). Capacity or Load of the Asset.
notes	String (Nullable). Any notes about the Order that the Participant/user may wish to insert.



ATHEXGROUP
Athens Exchange Group

