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SEE CAO

SEE CAO

User Documentation

User Guide for Capacity Traders

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1.   List of Contents

2. Preface

2.1 Revision History

Version	Date	Description
00.01	12.06.2014	First draft
00.02	24.06.2014	Content of the document
01.00	27.06.2014	Finalization of first version
01.05	11.11.2015	Update of credit limit validity period.
01.06	30.01.2016	3rd enhancement changes added
01.07	04.10.2017	HARS1 and HARS2 added
01.08	03.11.2017	Certificates using description added
01.09	08.11.2017	SEE CAO comments incorporated
01.10	11.11.2017	Comments finalized, clean version.
01.20	05.03.2021	Initial version of the document after the Damas Upgrade
01.26	12.03.2021	Screen shots updated
01.30	12.03.2021	Unicorn – joint revision
01.31	17.03.2021	SEE CAO comments and suggestions incorporated
01.32	18.03.2021	SEE CAO comments and suggestions incorporated
02.00	18.03.2021	Final version covering Damas Upgrade

3. Introduction

3.1 User types

This document is targeted on one user type (i.e. users assigned the respective user rights mask in Damas system) – on the Capacity Trader.

3.1.1 Capacity Trader

The abbreviation "CT" will be used throughout the document.

3.2 Supported Browsers

The Damas SEE CAO system is a system with a web based Graphical User Interface. Therefore, a web browser is required to access the system. The following web browsers and its versions are supported:

> Mozilla Firefox (versions 63.0 and 62.0)
> Google Chrome (versions 70.0 and 69.0)
> Safari (versions 11.1 and 10.1)
> Microsoft Internet Explorer (11.0 and 10.0)
> Microsoft Edge (versions 44.1 and 42.1)

NOTE: some of the Damas SEE CAO features might not be working in older versions of the web browsers, or some of the features might be restricted due to the local security settings or due to the specifics of the Web Browser. I.e.: Copy&Paste functionality in the Safari web browser might not be working.

3.3 Supported Resolutions

The user interface is optimized for standard screen resolutions, however at least:

- 1920 × 1080
- 1280 × 800
- 1024 × 768
- 1280 × 1024

3.4 Size of Window

The window size is adjustable. However, if made too small, it is possible that some screens do not fit into its space. A scroll bar will appear in this case.

3.5 Copy&Paste Functionality

When a user copies multiple rows from an MS Excel spread sheet to the clipboard, it is possible to paste them into the form in the Damas SEE CAO. The same is possible when copying the data between cells on the web form.

Steps

1. Click on the specific cell in the table and choose the cells for copying the data

2. Press CTRL+C keys on your keyboard, or use mouse right-click and click on the option Copy

3. Click on the cell you would like to paste the data

4. Press CTRL+V keys on your keyboard, or use mouse right-click and click on the option Paste

5. The data are pasted

Daily Auction Bids

	Bid Identification			
	Indivisible		The whole bid considered as Indivisible [×]	
Time (CET/CEST)	Offered Capacity [MW]	Sum of Allocated Capacities [MW]	Bid Amount [MW]	Bid Price [EUR/MWh]
00:00 - 01:00	1,000	N/A	970	N/A
01:00 - 02:00	970	N/A	970	N/A
02:00 - 03:00	970	N/A	970	N/A
03:00 - 04:00	970	N/A	970	N/A
04:00 - 05:00	970	N/A	970	N/A
05:00 - 06:00	970	N/A	970	N/A
06:00 - 07:00	961	N/A	0	N/A
07:00 - 08:00	961	N/A	0	N/A

Screenshot 1 – Copy& Paste Functionality (value from the 1st column for the 2nd hour copied and pasted into the 3rd column for some hours)

3.5.1 Restrictions / Exceptions

When a user is working concurrently in several browser windows, these windows share one identical session. If the user takes one action within one browser window, this action is taken into account for the session as a whole (i.e., also in the other open browser windows). Thus, if the user takes another action in another browser window, the behaviour of the system will reflect the previous action taken in the first browser window (as across both windows, the same session is shared). This is a general browser feature, and the user needs to take this into account when working with the Damas system.

3.6 General System Requirements

Potential specific settings of the operation system – certain specific custom settings, company internal network settings, anti-virus, anti-spam or firewall settings – may prevent the Damas system from functioning properly.

Requirements for connection speed – the user needs to have a stable connection to the Internet. The speed needs to be sufficient to browse quickly through web pages.

3.6.1 Antivirus

The user is required to use standard antivirus software when using the Damas system. The user can decide which antivirus software to use.

Please note that some forms of antivirus software can have an impact on overall system performance – for more information, see below. Response times / Connection Speed

Users should note that if the system is responding slowly, it is not necessarily a Damas system issue and could be one of the following:

> Installed antivirus or anti-spam program running on the computer

> Number of other user installed applications running on the computer

> User installed plug-ins for the browser used to access Damas

> Actual speed of the local network

> Settings and limitations on the local network infrastructure

> Actual speed of the Internet connection

3.6.2 Pop-ups Enabled

Please make sure that you have enabled pop-ups (i.e., pop-up messages) in your browser. The Damas system uses pop-up messages to inform and/or notify users about important events in the system, or following some user-performed actions.

It is suggested to "always enable" pop-ups so that the user is not prompted every time there is a pop-up.

NOTE: After first enabling pop-up windows, the user might be logged out from the Damas system (i.e., returned to the login screen). This is standard system/browser behaviour. The user needs simply to login to the system again.

3.7 System login

The SEE CAO System is available at the following addresses:

> Production Environment: https://auctions.seecao.com/

> Test Environment: https://test-auctions.seecao.com

To Login with Certificates

Preconditions: The Certification Authority and Certificate needs to be installed first within the preferred Internet browser. For more information see chapter 3.8 below on *User Certificates*.

1. Navigate to the address of one of the SEE CAO environments shown above
2. Select the digital certificate (if applicable)
    a. If certificates are enabled but no certificate is set for the user, the user needs to cancel the dialog to continue to the login page. In case the User has a certificate and cancels the dialog, the browser needs to be restarted as it retains the last choice.
3. If the correct certificate is selected, the user login is pre-populated and only the password needs to be entered. The User is redirected to the Landing Page if the login is successful
    a. In case the login is not successful, a notification window is shown with a message: *Please check your logon credentials and try again.*

To Login without certificates (in case the certificate has not been issued for the given account)

1. Navigate to the address of one of the SEE CAO environments shown at the start of this section
2. Cancel the dialog window in case it pops up (do not pick any invalid certificate) to continue to the login screen
3. Fill in the Username and Password
    > NOTE: The password is case sensitive
4. The User is redirected to the Landing Page if the login is successful
    > If the login is not successful, a notification window is raised with a message: *Please check your logon credentials and try again.*

NOTE: The user account is suspended after three unsuccessful logins.
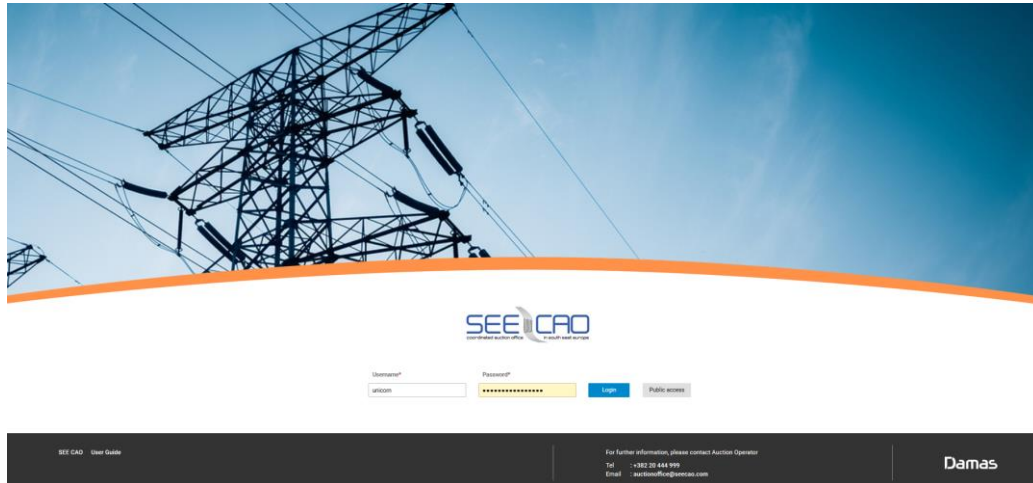
Screenshot 2 – Login Page

3.8 User Certificates

3.8.1 Certification Authority (CA)

As SEE CAO is using self-signed CA for the creation of user certificates, it is recommended that the CA is imported as the trusted CA to the device. The public part of the CA can be downloaded via *Public access* on the *Certificate Download* screen under *User Management* as *clientCertificateCA.cer.*
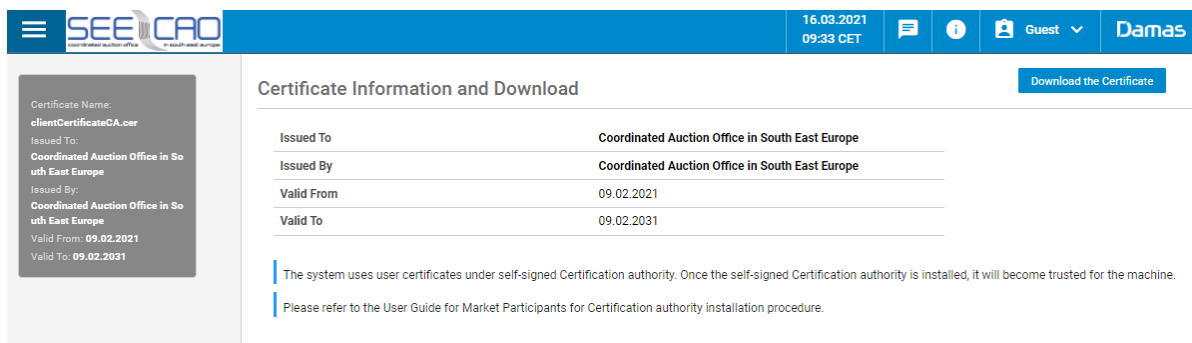
Screenshot 3 – Self-signed Certificate Download

In order to import the *Certification Authority* into the trusted store, the steps below shall be followed depending on operation system used. Please note that administrator rights may be required to complete these steps.

- **Microsoft Windows**

    1. Open Microsoft Management Console (Start → Run → mmc.exe)

    2. Choose File → Add/Remove Snap-in

    3. In the Standalone tab, choose *Add*

4. Choose the Certificates snap-in, and click *Add*

5. In the wizard, choose the Computer Account and then choose *Local Computer*. Press *Finish* to end the wizard

6. Close the *Add/Remove* Snap-in dialog

7. Navigate to Certificates (Local Computer/device)

8. Choose the store Trusted Root Certification Authorities

9. Right-click the store and choose All Tasks → Import

10. Follow the wizard and provide the certificate file

- **Mac OS X**

  1. Double click the certificate file (with ".cer" extension);

  2. Choose *System* from the keychain option, then press OK

  3. When a window pops-up, click the *Always Trust* button

  4. The certificate is then automatically added to the system entry

- **Mozilla Firefox** - for the Mozilla Firefox browser, it is necessary to also add the CA

  1. Open Mozilla Firefox and go to the Options menu and select *Privacy & Security*

  2. Go to the *Certificate* Section and click the View Certificates button

  3. In the *Certificate Manager* window, switch to the Authorities tab and click the *Import…* button

  4. Find the saved certificate file on the hard disk and click the *Open* button

  5. In the *Downloading Certificate* window, it is necessary to select the purpose that the certificate is trusted

  6. Select all the checkboxes presented and click the *OK* button

  7. To check whether that the actions were successful, in the *Certificate Manager* window select the *Authorities* tab and at the end of the list the root certificate that has just been installed will be visible

3.8.2 Certificates

The certificate and the password will be provided via two separate emails.

- The contact information entered in the Message Settings are used.
- If contact information in the Message SettingsAccount Settingsis not filled in, the registration contact information as entered in the Account Settings will be used.

The certificates can be installed by two different methods depending on the Users IT set-up:

Method 1

On the first application of the certificates, the user will receive an email with the certificate attached. The User should double click on the attached certificate file and follow the on-screen instructions for installation.
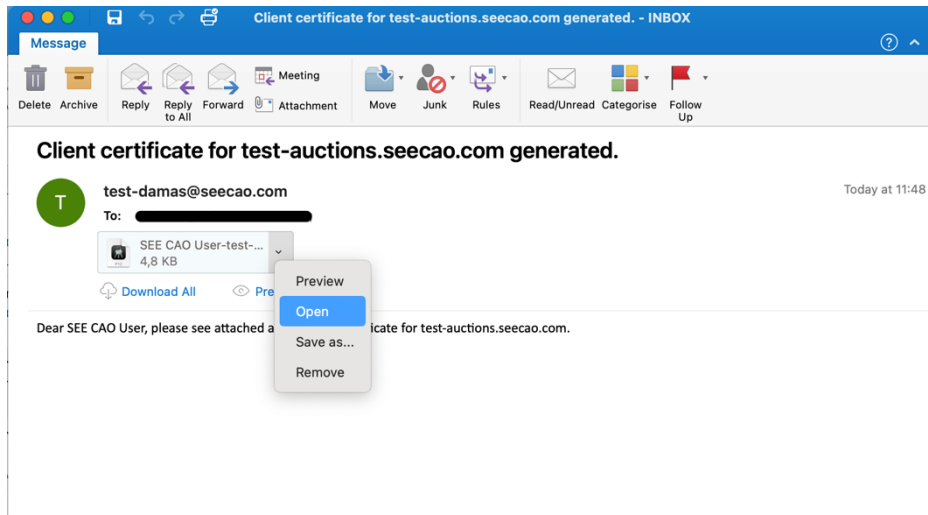
Screenshot 4 - Example of email with the attached certificate

Click *Open* - this should open the Certificate Import Wizard – Click *Next* and select the certificate file. This should be pre-populated. If not, save the certificate file to your PC first, then select the certificate path in the Certificate Import Wizard and click *Next*.
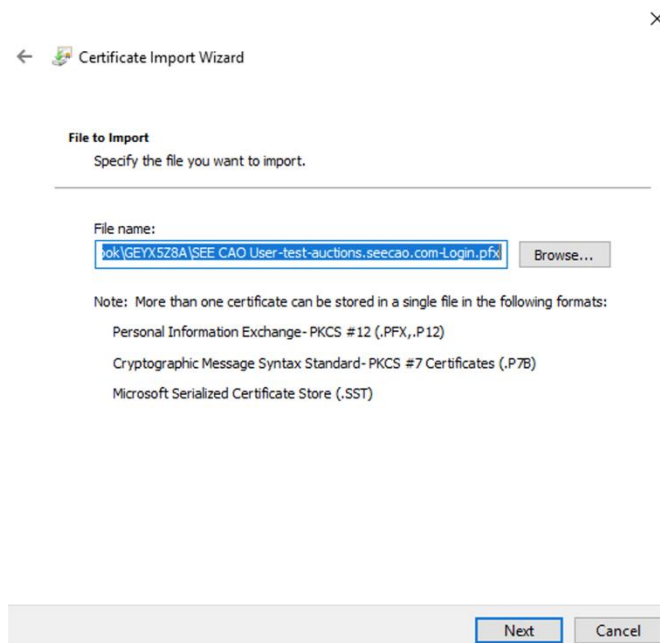
Screenshot 5 – Importing the Certificate File in the Certificate Import Wizard

Enter the Certificate password to the certificate provided by SEE CAO in the second email and click *Next*.

Screenshot 6 – Entering the Certificate Password in the Certificate Import Wizard

Select option 2 – '*Place all certificates in the following store'* on the next screen for certificate store, click *Browse…* and select personal folder.
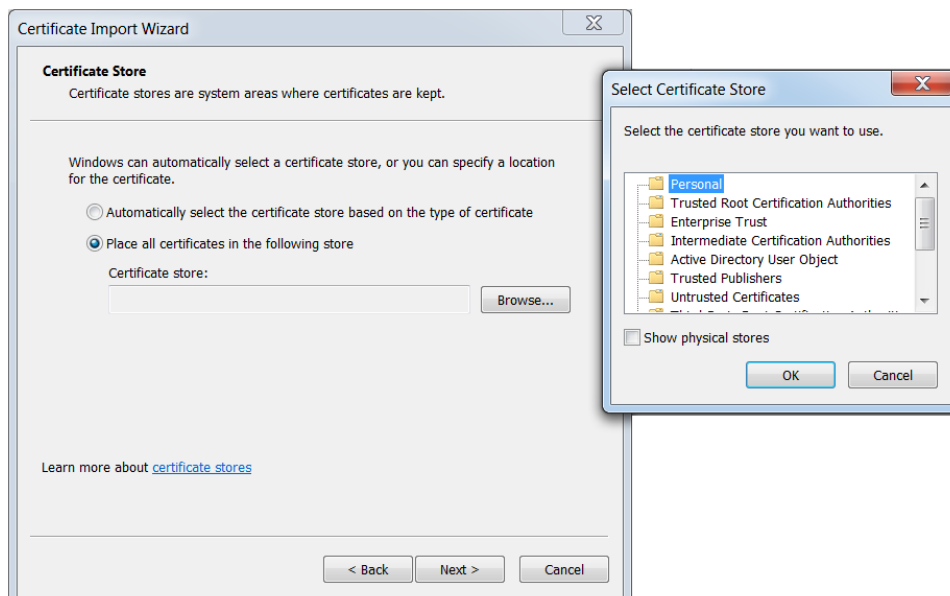
Screenshot 7 – Selecting Certificate Store in the Certificate Import Wizard - 1

Once the Personal Folder has been selected click *Next.*
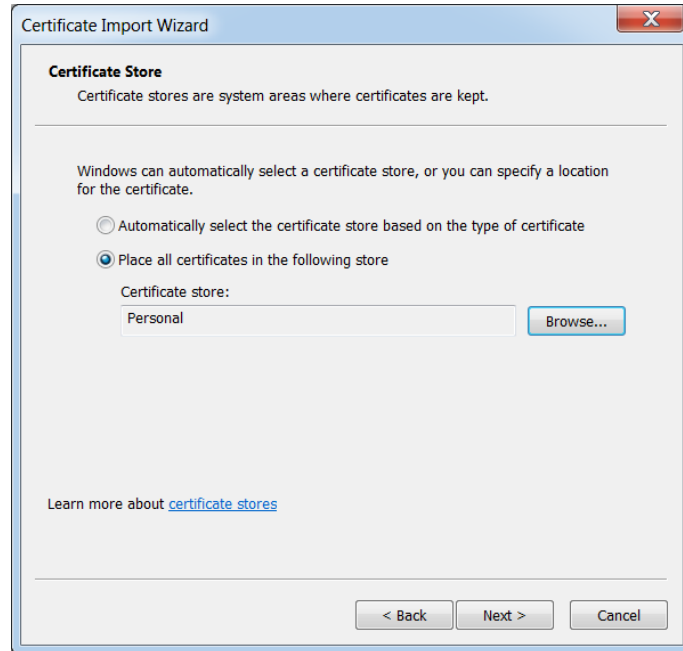
Screenshot 8 - Selecting Certificate Store in the Certificate Import Wizard - 2

Click *Finish.*
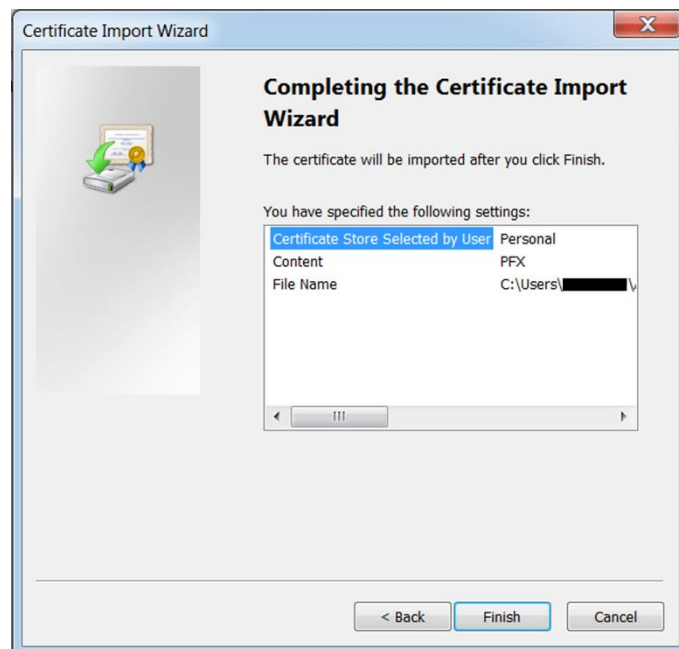
Screenshot 9 – Completing the Certificate Import Wizard - 1

A new private exchange key dialog box will open; select *OK*.
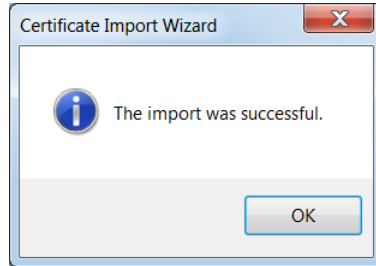
Screenshot 10 - Completing the Certificate Import Wizard - 2

Navigate to the browser and navigate to the Damas SEE CAO webpage. The User will be prompted to select the certificate – select the name of the imported certificate; click *OK*.
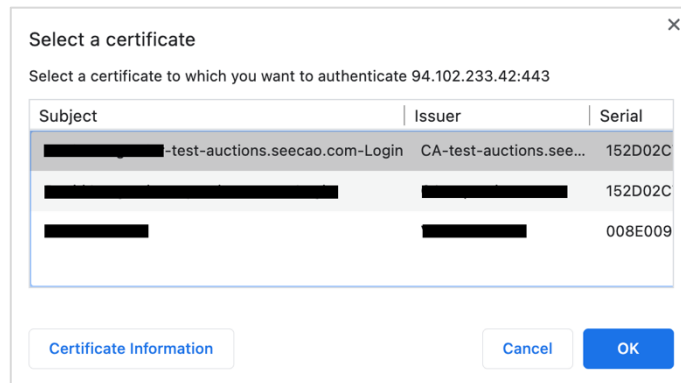
Screenshot 11 - Selecting a certificate when accessing SEECAO

Select *Grant Permission* and click *OK*. Note: For some systems, this pop-up is not shown.
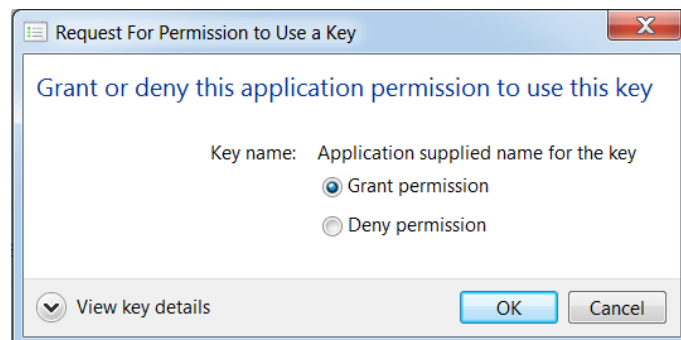
Screenshot 12 – Granting Permission to use the selected certificate

The SEE CAO logon page with your Username populated – enter the password and log in.
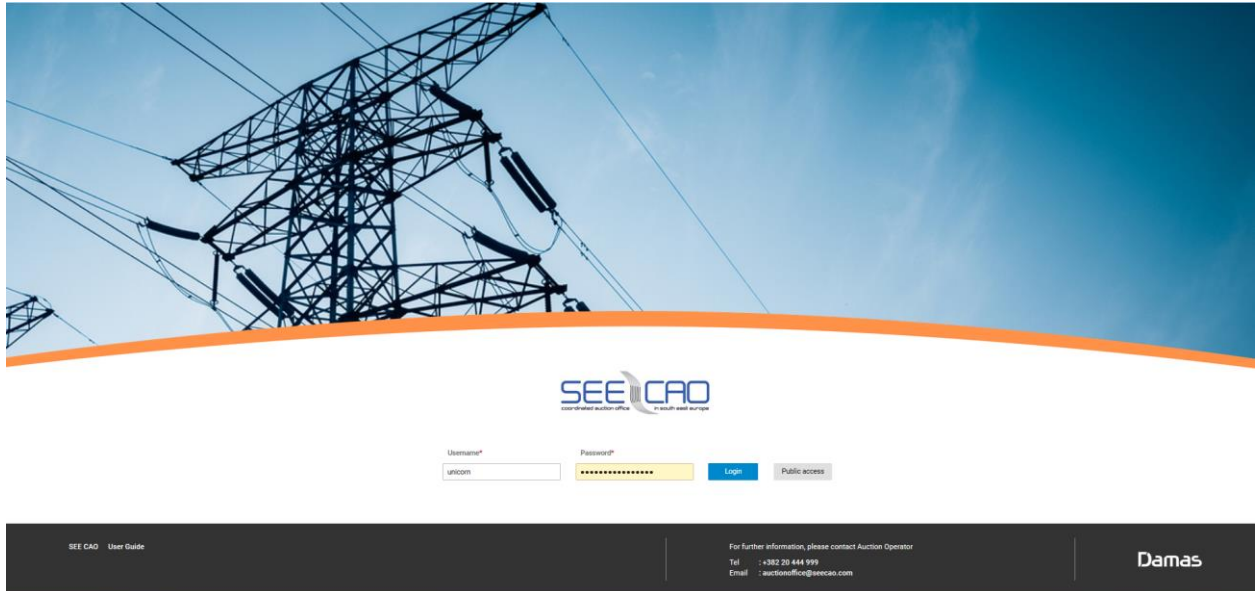
Screenshot 13 - SEE CAO login page with pre-filled Username

Method 2

If the wizard doesn't appear, the client certificate (which was received via email) should be installed using the browser.

In order to import the *Certificate* to the preferred Internet browser, the steps below shall be followed depending on the browser type:

- **Mozilla Firefox** – after adding the CA in Mozilla Firefox, the certificate can be imported:
    1. Open Mozilla Firefox and go to *Options* menu and select *Privacy & Security*
    2. Go to the Certificate Section and click the *View Certificates* button
    3. In the Certificate Manager window in the *Your Certificates* tab, click the *Import…* button
    4. Find the saved certificate file on disk and click the *Open* button
    5. Enter the password provided in the text message or email and click *OK*

- **Chrome**
    1. Open Google Chrome. Open the menu at the top right corner and select *Settings*
    2. Select *Show Advanced Settings → Manage Certificates*
    3. In the Personal tab, click *Import…* to start the Certificate Import Wizard
    4. Click *Next*
    5. Browse to the downloaded certificate file and click *Next.* (when browsing to the file make sure the file type in the bottom-right of the brose window is changed to Personal Information Exchange, otherwise the file will not be found)
    6. Enter the password to download the certificate and click *Next*
    7. Select the second option and choose *Personal Certificate* store and click Next
    8. Click *Finish*

- **Safari**
    1. To open Keychain Access, navigate to the Finder menu in MAC OS X and select *Utilities*
    2. When the Utilities window opens up, click on the icon named *Keychain Access*
    3. In the Keychain Access menu select *File* and click *Import Items*
    4. Navigate to the certificate file that you want to import and click *Open*
    5. Enter the password associated the certificate and click *OK*
    6. The certificate will be installed and can be viewed by clicking *Category* and *My Certificates* in the Keychain Access utility
- **Internet Explorer**
    1. Open Internet Explorer, click *Tools* and select *Internet Options*
    2. Open the Content tab and click *Certificates*
    3. In the Personal tab, click *Import…*
    4. The Certificate Import Wizard will open, click *Next*
    5. Click *Browse…* to navigate to the location where the certificate is stored
    6. Select the file that you want to import (make sure to choose the option All Files to see those with the file extension.p12 or .pfx) and click *Open*
    7. Click *Next* and then enter the password associated with the certificate and tick all three boxes. Click *Next*
    8. Tick the second option and select Personal in the Certificate store and click *Next*
    9. Click *Finish*
    10. If in the next screen the security level is set to Medium by default, click *OK*
    11. Click *OK*
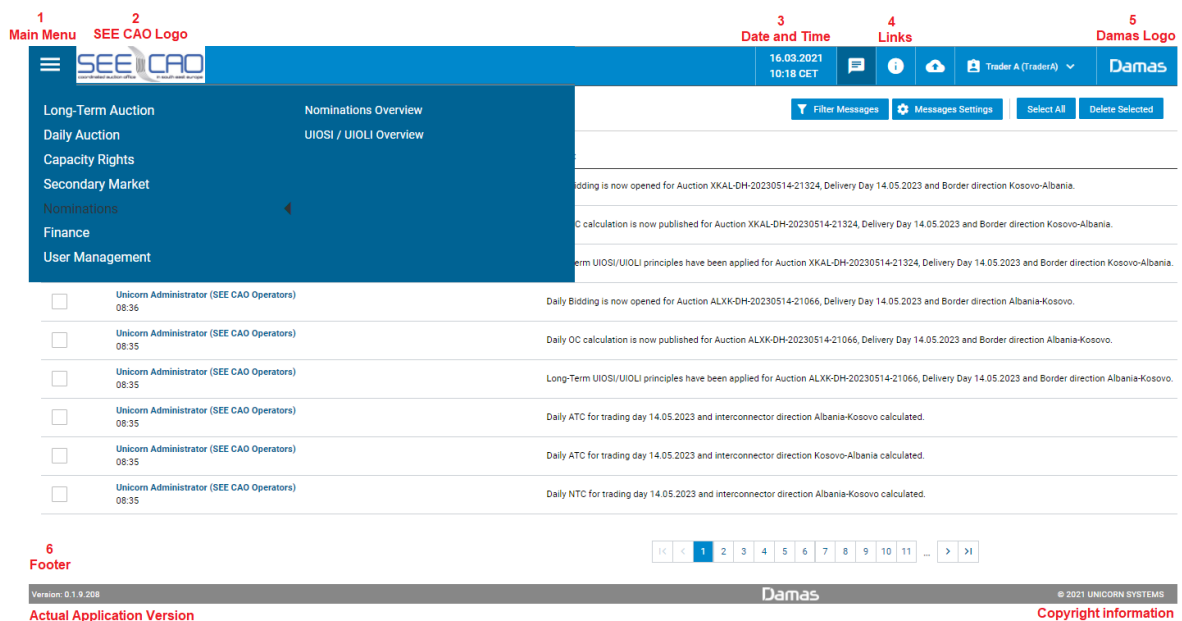
3.9 General Layout and Menu

Description

The layout consists of the upper bar:

1. Main Menu ☰
   - The menu is rolled out after clicking on the ☰ '*Open menu*' icon
2. SEE CAO logo
3. Date and time information
4. Links
   - The upper bar on the right consists of direct links to the following screens:

     ☁ 💬 - link to Messages

     ☁ ⓘ - link to documentation (I.e.: User guides)

     ☁ ☁ - link to Upload Form

     ☁ 👤 Market Participant ⌄ - User Information. Logged on user login information is displayed. When a user clicks on the icon, the users' account management links are displayed, which are Log out, Account Settings, Switch Company and Password Change
5. Damas logo
6. Footer consists of:
   - Actual Application version
   - Copyright information

Screenshot 14 – General Layout and Menu

3.9.1 General Layout of Forms and Overviews

This chapter is intended to define general layout of the forms and overviews.

A layout of forms and overviews consists of the following sections:

- Side panel
    - Parameter Selection
    - List of Records
- Header
    - Indication of screen name
- Body
    - Overview table
    - Tabular data
- Footer
    - Functional buttons

3.9.2 Side Panel

This section contains the *Parameters Selection* with the parameters and the button *Show Data.* Once the parameters are selected and the user clicks on the *Show Data* button, the data is loaded.

Parameters selection is defined for each Form and Overview separately.

The Side Panel can be hidden by clicking the arrow pointing to the left in the middle left part of the Side Panel and vice versa.

Screenshot 15 – Side Panel Displayed

Screenshot 16 – Side Panel Hidden

If more than one record can match the Selected Parameters, the List of Records is displayed after confirmation of the Selected Parameter. Once a user clicks on one of the records, the form body is loaded with all data in tabular form.

Screenshot 17 - List of Records

3.9.3 Header

This section displays the name of the form / overview.

3.9.4 Body

This section displays the data in tabular form.

The data that can be edited is highlighted in a shaded colour.

3.9.5 Footer

This section is intended for functional buttons. The following buttons are used on most of the forms:

- Save – submitting data for further processing
- Cancel – cancelling operation, the form with its original values is re-loaded

3.10 Using messages

The menu also contains incoming messages and keeps history of them. Only ten newest messages are displayed when entering the main menu screen.

There are arrows and numbers on the bottom of the list of messages, which allow the user to browse the history of the messages.

In case there is an attachment within the message a small icon of a clip is situated on the right side of the line with the message. Upon clicking on the clip, either the attachment is shown in a new window, or a download dialog (with an appropriate file to be saved) is displayed.

Screenshot 18 – Message icons

3.11 Processes in DAMAS system

At any time, the system is in a specific state. In each state there are functionalities defined which can be launched (e.g. submitting bids to the auction, evaluation of the auction, etc.), and possibly functionalities that cannot be launched (e.g. performing curtailment during capacity rights evaluation, etc.). Some data are published only after completion of some process. Till the moment of publishing the 'N/A' symbol may occur in some forms instead of actual values.

3.12 Time notation

All data displayed in web forms are in the CET/CEST time zone covering the Delivery Day in the CET/CEST time zone. I.e. the first hour is a time period from 0:00 to 1:00 CET/CEST.

3.12.1 Using calendar

A pop-up calendar is available for all fields in which a date must be filled in. This functionality allows the user to select a date from a graphical calendar as an alternative to manually writing the date into the respective field. The date is chosen by clicking on the respective day. There are two buttons with arrows in the top left and the top right corner. These buttons enable switching between the days, months, or even years depending on what view is chosen.

Daily View

The daily view is displayed once a user clicks on the form field. The user can select a day by clicking on it. The buttons with arrows enable switching between the months.

	Mo	Tu	We	Th	Fr	Sa	Su
27.	30	1	2	3	4	5	6
28.	7	8	9	10	11	12	13
29.	14	15	16	17	18	19	20
30.	21	22	23	24	25	26	27
31.	28	29	30	31	1	2	3

July 2031

Screenshot 19 – Calendar – Daily View

Monthly View

The user can move from the Daily View to the Monthly View by clicking on the Month and the Year in the top of the calendar. The list of the months belonging to the given year is displayed. The user can choose a month. Then the view is changed to the Daily one. The buttons with arrows in this view enable switching between the years.

‹	2031	›
I	II	III	IV
V	VI	VII	VIII
IX	X	XI	XII

Screenshot 20 – Calendar – Monthly View

Yearly View

The user can move from the Monthly View to the Yearly View by clicking on the Year in the top of the calendar. The list of the years is displayed. The user can choose a year. Then the view is changed to the Monthly one.

| ‹	2010 - 2019	›
2009	2010	2011	2012
2013	2014	2015	2016
2017	2018	**2019**	2020

Screenshot 21 – Calendar - Yearly View

3.13 Errors

In general, there are two types of error. A system error that means error on the side of the system and a validation error which indicates wrong input from user.

3.13.1 System error

In case the user encounters a problem while interacting with Damas, an error screen appears. This screen consists from two parts. The upper part is a list of steps one should take to report this error to system administrator. The lower part is a full error message that can help solve the problem.
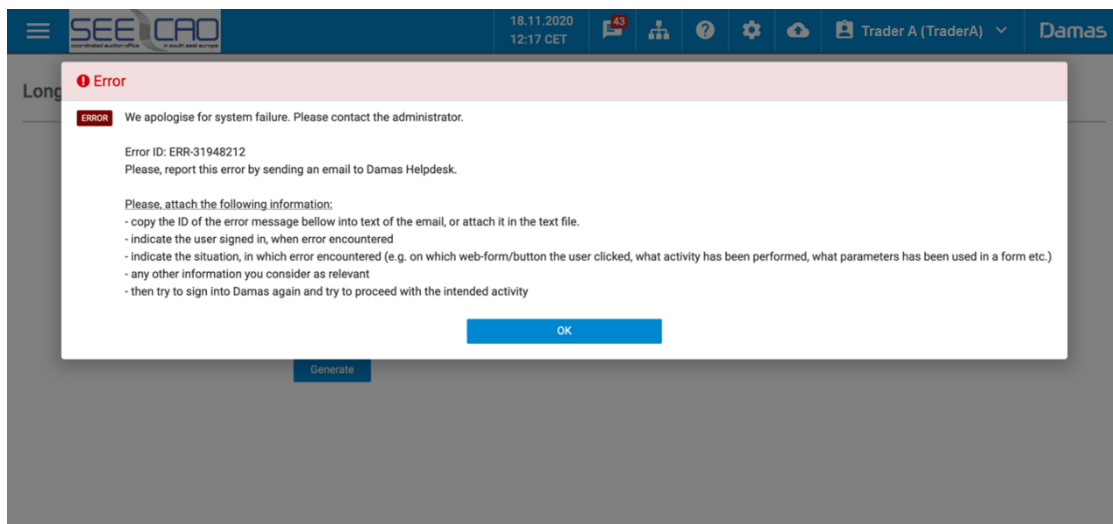
Screenshot 22 – System error

3.13.2 Validation error

In case of wrong input new window appears with overview of the action and an error message. Below is an example of the validation error of bid where amount exceed the offered capacity.

Information	
Long-Term Auction Bids Report Title	
Reception Date	16.03.2021 10:40:26
Processing Result	ERROR
Error on Timeseries level	
Header Title	
Auction ID	BAHR-M-20241201-20745
Auction Type	Monthly
Date From	01.12.2024
Date Till	31.12.2024
Border Direction	Bosnia_and_Herzegovina-Croatia
Auction Participant	Trader A
Auction Participant EIC	EIC-TRDA-----1
Processing Result	ERROR
Error on Timeseries Item level	
The total requested capacity of long-term auction bids for a given auction and the Trader exceeds the OC 43 [MW] of given auction.	
Item Title	
Bid ID	
Processing Result	ERROR
The Bid Amount 50 MW exceeds the Offered Capacity 43 MW.	

OK

Screenshot 23 - Validation error

4. Step by step

4.1 LONG-TERM AUCTION

The *Long-term Auction Module* supports the long-term explicit auctions of transmission capacities. In the long-term auctions, cross-border capacity is offered in certain time periods within a year or in adjacent years (auction products) for which a certain amount of capacity is offered. Different auction products can be traded, such as base, peak, off-peak, etc. The products relevant to each auction are defined by the Border Administrator.

Users of Trader type are able to access most of the Long-term Auction module web-forms:

> Long-term Auction List

> Long-term Auction Bids

> Long-term Auction Specification Download (XML)

> Long-term Default Bids

> Long-term Default Bids Overview

> Long-term Auction Statistics

> Upload Form

> Long-term Results Download (XML)

> Long-term Offered Capacity Download (XML)

A new long-term auction can be created only by a Border Administrator. After creating the auction, it is in the state *Scheduled.*

When the auction is published, all relevant auction participants receive an informative message in the main menu:

> Long-Term *<type of the auction>* Auction *<auction ID>* for Border direction *<border direction name>* has been published.

Note: Each Long-term Default Bid defined by the Capacity Trader must have unique bid price (i.e. two default bids must not have the same price). The Long-term Default Bid may be deleted by Capacity Trader even after it is saved in Damas.

4.1.1 Long-term Auction List

Description

If you want to see details of a long-term auction, follow the steps below.

4.1.1.1 Check a long-term auction

Steps

1. Choose the menu item **Long-term Auction** / **Long-term Auction List**.

   - A screen with a parameter selection is displayed

   - Note: The Year selection field is displayed for all auction types. The Month selection field is displayed for the Monthly type.

2. Select the parameters from combo boxes.

   - Choose an item in a **Year** combo box

   - Choose an item in an **Auction Type** combo box

   - Choose an item in a **Month** combo box (if relevant)

   - Choose an item in a **Border** combo box (the border is indicated in the Long-term Auction List web-form, or within the message (notifying of the auction publishing) being delivered to the Main Menu)

   - Choose an item in an **Auction State** combo box

   - Note: Auction types are Yearly and Monthly. The auction period of yearly auction is inside of one calendar year. The Monthly Auction period has to be inside of one calendar month.

3. Click the **Show data** button.

   - The form displays all auctions with auction period being covered or partially covered by the selected time interval.

   - NOTE: The displayed list of auctions takes into account the limitations set by the parameters selection above. E.g. once the monthly auction type is selected, the list displayed is only restricted to the monthly auction types – i.e. other auctions, such as yearly, will not be displayed.

4. Click the icon in the **Auction Details** column in order to open a detail of the long-term auction.

   - The Long-term Auction Detail form is displayed

5. Click the icon in the **Long-term Bids** column in order to open a detail of the long-term bids.

   - The form displays long-term bids detail and definition

Screenshot 24 - Long-term Auction List

Screenshot 25 - Long-term Auction Details

4.1.2 Long-term Auction Bids

4.1.2.1 Gate opening for Long-term Auction bids submitting

Description

When the system is in a state when entering new bids is possible, a message comes to the main menu screen:

- Long-Term Bidding is now opened for *<type of the auction>* Auction *<auction ID>* for Border direction *<border direction name>*.

Long-term auction bids can be entered and edited/deleted when the gate for bid entering is opened for the given auction.

4.1.2.2 Enter a New Bid

Steps

1. Choose the menu item **Long-term Auction** / **Long-term Auction Bids**.

   - A screen with a parameter selection is displayed

   - Note: Alternatively, the web form for entering bids may be accessed through the **Long-term Auction List** form, by clicking the respective icon 📋.

2. Select the parameters from combo boxes.

   - Choose an item in the **Year** combo box

   - Choose an item in the **Auction Type** combo box - Auction types are Yearly and Monthly

   - Note: There are different types of auctions. Auction type for each auction is contained in Long-term auction list form and also in message which appears to users in Main menu after auction opening.

   - If **Auction Type** is selected as Monthly, choose an item in the **Month** combo box

   - Choose an item in the **Border Direction** combo box

   - Note: **Border direction** indicates the concrete direction on that border. Auctions may be open for both of these directions, so be careful to which direction is the form displaying. Border direction for each auction is contained in **Long-term auction list** form and also in message which appears to users in Main menu after auction opening.

   - Choose an item in the **Auction** combo box - the auction ID identifies the auction (to which the bid is entered) with a unique system identifier, also trackable through respective Auction List web-form

   - Note: Each auction is identified by unique **Auction ID.** This information is available in **Long-term auction list** form and also in message which appears to users in Main menu after auction publishing.

3. Click the **Show data** button.

   - A table for entering bids is displayed

4. Click the **New** button.

- A new row in the table is added for entering a new bid

- In order to cancel a bid, click on the icon in the **Cancel** column

5. Enter an amount of capacity in the **Bid Amount [MW]** field.

- Only whole value can be entered

- The minimal value of single bid must be 1MW

6. Enter a bid value per MWh in the **Bid Price [EUR/MWh]** field.

- Bid price must be different for each bid of a Trader. The minimal bid price is 0.00 €/MWh

7. Additional bids can be created by repeating steps 4 through to 6.

8. Additional bids do not cancel the previous bids, but constitute separate bids

9. Confirm the creation of a new bid, or cancellation of already stored bid (set of bids) by clicking the **Save** button.

- A confirmation pop-up window is displayed.

- Click the **OK** button on the confirmation pop-up window.

- Note: Even after clicking on the **Save** button, the bid being created can be deleted by clicking on the icon in the Cancel column. Please be aware that after deleting the bid (by clicking on the Cancel icon) you must click also on Save button in order to confirm the change (i.e. if you delete the bid and do not save the change, the bid is still in the system).

- Values may be modified even after clicking **Save**, up to the moment of gate closure for entering bids.

Screenshot 26: Long-term Auction Bids

4.1.2.3 Edit a Bid

Description

When a bid is sent to the system it can be still edited until the gate for bids entering is closed.

Steps

1. Choose the menu item **Long-term Auction** / **Long-term Auction Bids**.

   - A screen with a parameter selection is displayed

2. Select the parameters from combo boxes.

   - Choose an item in the **Year** combo box

   - Choose an item in the **Auction Type** combo box

   - Choose an item in the **Border Direction** combo box

   - Choose an item in the **Auction** combo box

3. Click the **Show data** button.

   - A table for entering bids is displayed

4. Change the value of the **Bid Amount [MW]** or the **Bid Price [EUR/MWh]** column in the row that contains the bid to be edited.

   - Additional bid amendments can be done by repeating step 3.

   - The minimal value of single bid must be 1MW

   - Bid price must be different for each bid of a Trader. The minimal bid price is 0.00 €/MWh

5. Confirm editing of bids clicking the **Save** button.

   - A confirmation pop-up window is displayed

6. Click the **OK** button on the confirmation pop-up window.

Screenshot 27: Long-term bids editing

4.1.2.4 Cancel a Long-term Bid

Description

All bids (new and stored) can be deleted (until the bidding gate is closed). There is an icon in the column **Cancel** in the **Long-term Auction Bids** form after submitting a bid (or a set of bids). Zero values cannot be entered into the **Bid Amount [MW]** and the **Bid Price [EUR/MWh]** fields in order to cancel an existing bid.

Steps

1. Choose the menu item **Long-term Auction** / **Long-term Auction Bids**.

    - A screen with a parameter selection is displayed

    - Select the parameters from combo boxes.

    - Choose an item in the **Year** combo box

    - Choose an item in the **Auction Type** combo box

    - Choose an item in the **Border Direction** combo box

    - Choose an item in the **Auction** combo box

2. Click the **Show data** button.

    - A table for entering bids is displayed

3. Use the **Cancel** icon for the relevant bid.

4. Confirm deleting of bids clicking the **Save** button.

    - A confirmation pop-up window is displayed

   Click the **OK** button on the confirmation pop-up window.

4.1.2.5 Events following Closure of Submitting Long-term Bids

Description

After open of submitting long-term bids, new bids may be entered, and values of the bids may be modified even after clicking save, up to the moment of gate closure for entering bids – after this gate closure, no new bids may be entered, no existing bids may be modified/deleted and following messages comes to the main screen:

> Long-term Bidding is now closed for *<type of the auction>* Auction *<auction ID>* for Border direction *<border direction name>*.

> Preliminary Long-term Auction results are now published from *<type of the auction>* Auction *<auction ID>* for Border direction *<border direction name>*.

> Contestation period has ended for *<type of the auction>* Auction *<auction ID>* for Border direction *<border direction name>* and the Final Results are now published.

> Resale compensations have been calculated for Auction *<auction ID>* for Border direction *<border direction name>*.

4.1.2.6 Check a Long-term Auction Results

Description

A result of a long-term auction is available in the **Long-term Auction Bids** form after publishing of long-term auction results. The allocated capacity and the auction price are available for each auction bid and the form is accessed in a read-only mode.

Steps

1. Choose the menu item **Long-term Auction** / **Long-term Auction Bids**.

   - A screen with a parameter selection is displayed

   - Select parameters from combo boxes.

   - Choose an item in the **Year** combo box

   - Choose an item in the **Auction Type** combo box

   - Choose an item in the **Border Direction** combo box

   - Choose an item in the **Auction** combo box

2. Click the **Show data** button.

   - The auction results for chosen auction participant is displayed

Note: In Damas system there are 5 types of Bid status:

   - Accepted (the whole value of the bid has been accepted)

   - Partially accepted (partial value of the bid has been accepted)

   - Rejected due to price (whole value of the bid was rejected)

   - Rejected due to indivisibility (whole value of the bid was rejected)

   - Rejected due to credit limit (whole value of the bid was rejected)

Screenshot 28 - Long-term Auction Bids (after evaluation)

4.1.3 Long-term Auction Statistics

Description

The **Long-term Auction Statistics** form provides information on results of completed auctions.

Steps

1. Choose the menu item **Long-term Auction / Long-term Auction Statistics.**

    - A screen with a parameter selection is displayed

    - Select the parameters from combo boxes.

    - Choose an item in the **Year** combo box

    - Choose an item in the **Auction Type** combo box

    - Choose an item in the **Month** combo box (for Monthly auction types)

    - Choose an item in the **Border** combo box

2. Click the **Show data** button.

    - A list of auctions that correspond to the parameters is displayed

3. Click on the brick in the auction list.

    - An **Auction Detail** is displayed

A **Long-term Auction Statistic** Table contains:

> **Installment for <Month><Year> [EUR]:** The monthly instalments for each trader in €. Trader cannot see the instalment of other traders.

> **Total [EUR]:** Total cost for Allocation for each trader in €. Trader cannot see the costs of other traders.
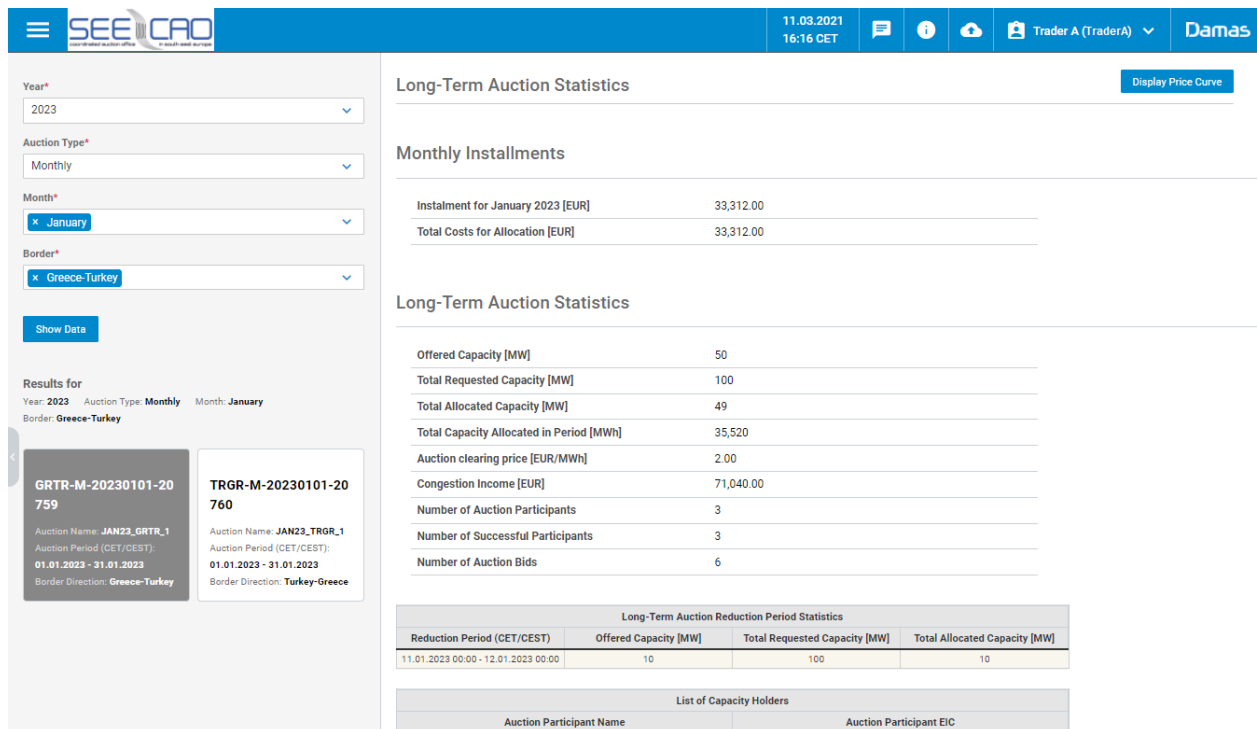
> **Offered Capacity [MW]**: Total amount of Offered Capacity in each hour of auction period

> **Total Requested Capacity [MW]**: Total amount of Requested Capacity in each hour of auction period

> **Total Allocated Capacity [MW]**: Total amount of Allocated Capacity in each hour of auction period

> **Auction Clearing Price [EUR/MWh]**: Price for which the capacity sold

> **Congestion Income [EUR]**: The total income from the Auction per bidding zone in €.

> **Number of Auction Participants**: Number of traders who participated in the auction

> **Number of Successful Participants**: Number of traders who participated in the auction, and successfully acquired capacity

> **Number of Auction Bids**: Total amount of entered bids

List of Capacity Holders:

> Note: According to HAR, all capacity holders must be displayed.

> **Auction Participant Name**: The name of the respective capacity holder

> **Auction Participant EIC**: The EIC code of the respective capacity holder

    4.   Click on the **Display Price Curve** button.

        •   The Price Curve is displayed in the separate pop-up window

Screenshot 29 - Long-term Auction Statistics
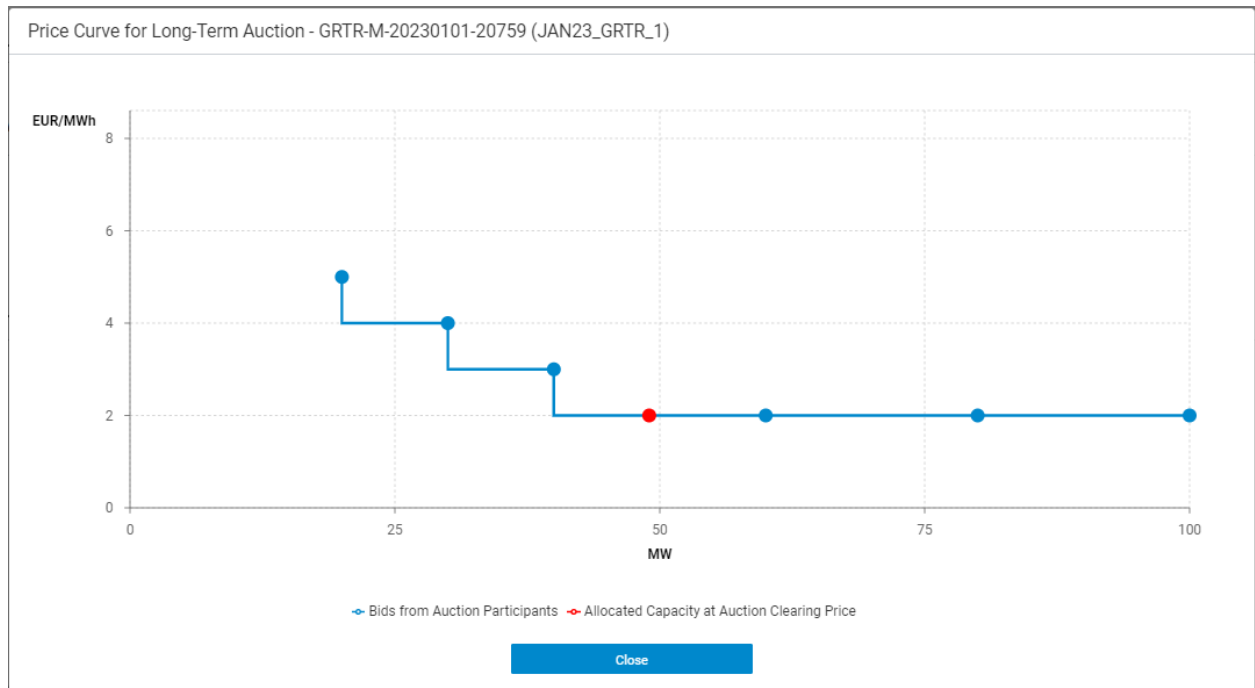
Screenshot 30 - Long-term Auction Statistics (Price Curve)

4.1.4 Upload Form

Description

The Upload Form enables an auction participant to upload an XML file with long-term auction bids (even for multiple bids in one XML). The uploaded bid, once accepted by the system, is treated in the same way as any other bid – including its modification, and/editing or deleting.

Note: The XML file cannot be generated within the Damas environment. When XML with bids is uploaded, already existing bids which are not included in the XML are overwritten (i.e. deleted). If an empty bid file is uploaded, all previously entered bids are cancelled (deleted).

Steps

1. Click on the icon 📤 located on the top.

   - Enter input parameters:
   - Select a **Document Type**

     i. Long-term and Daily Bids inbound

2. Click on the Select File input field to find a location of the XML file to be uploaded directly in the standard Windows browsing window, or drag&drop the file to this input field.

3. Click on the button Upload

Screenshot 31: Long-term Bids Upload (XML)

4.1.5 Long-term Results Download (XML)

Description

The **Long-term Results Download (XML)** form enables downloading an XML file with a final long-term auction results.

Steps

1. Choose the menu item Long-term **Auction** / **Long-term Results Download (XML)**.

   - A screen with a parameter selection is displayed

   - Select the parameters from combo boxes.

   - Choose an item in the **Year** combo box

   - Choose an item in the **Auction Type** combo box

   - Choose an item in the **Month** combo box (displayed for Monthly auction type only)

   - Choose an item in the **Border Direction** multiple selection

   - Choose an item in the **Auction** multiple selection

2. Click the **Generate** button.

   - After the file has been generated, go to the **Main menu** by clicking on the icon .

   - Wait until a message with an attachment comes to the Main menu.

   - Note: The generated XML file will be delivered to the Main Menu as a message attachment.

3. Click on the attachment in the message in the Main menu.

   - A download dialog is displayed

4. Click the **Save** button or click the **Open** button.

   - A standard Windows' browsing window is displayed (for "Save" action)

   - The required file is opened (for "Open" action) – no need of steps below

- Specify the location where the XML file is to be saved.

- Click the Save button.

Screenshot 32 - Long-term Results Download (XML)

Screenshot 33 - Long-term Results Download (XML)

4.2 DAILY AUCTION

After completion of long-term transmission negotiations, the process proceeds to the daily auction of transmission cross-border capacities.

Similarly to long-term auctions, daily explicit auctions will be held for each border direction separately. Contrary to the long-term auction the hourly products are offered in the daily auction. Daily OC is evaluated automatically in Damas, also considering the UIOLI/UIOSI principle application.

Users of the Trader type can access these use cases in the Daily Auction module:

> Daily Auction List

> Daily NTC

> Daily Offered Capacity

> Daily Auction Specification Download (XML)

> Daily Auction Bids Overview

> Daily Auction Bids

> Daily Auction Default Bids

> Daily Auction Statistics

> Upload Form

> Daily Results Download (XML)

> Daily Offered Capacity Download (XML)

4.2.1 Daily NTC

Description

The Net Transmission Capacity (NTC) is published in the **Daily NTC** web form. The form is accessible from the menu.

4.2.1.1 Display Daily NTC

Steps

1. Choose the **Daily Auction** / **Daily NTC** menu item.

   - A screen with a parameter selection is displayed

   - Enter input parameters:

   - Enter a date in the **Delivery Day** input field

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border Direction** combo box

2. Click the **Show data** button to view data.

   - Note: The label No rows to display is displayed in the table before the NTC is in the system (i.e. before it has been calculated).

Screenshot 34 - Daily NTC

4.2.2 Daily Auction List

Description

The **Daily Auction List** form provides information about all daily auctions.

4.2.2.1 Check Daily Auctions

Steps

1. Choose the menu item **Daily Auction** / **Daily Auction List**.

    - A screen with a parameter selection is displayed

    - Enter the parameters:

    - Enter a start date in the **Delivery Day From** input field

    - Enter an end date in the **Delivery Day To** input field

    - Note: The date is in format DD.MM.YYYY

    - Choose an **Auction State** from the combo box. Possible states are:

        o All

        o Scheduled

        o Offered Capacity Published – it is already possible to see offered capacity

        o Auction Open for Bids – it is already possible to enter or modify bids

        o Auction Closed for Bidding

- o Preliminary Results– it is already possible to see auction results
- o Final Results – final results were already published

3. Click the **Show data** button.

- A list of auctions for the given day is displayed

- In order to display detail of the auction, click on the icon **Auction Detail**.

    - o Detailed information of the chosen auction are displayed

- In order to display offered capacity, click on the icon **Offered Capacity** (this is also a shortcut to the webform **Daily Auction** > **Daily Offered Capacity**).

    - o The Daily Offered Capacity form is displayed for the given day

- In order to display bids for one day, click the icon in the **Daily Bids** (this is also a shortcut to the webform **Daily Auction** > **Daily Auction Bids**).

    - o The Daily Auction Bids form is displayed for the given day

In case the auction has not been published (or preliminarily published) yet, the "N/A" symbol will appear in the Auction Detail, Offered Capacity, Daily Bids columns.

Screenshot 35 - Daily Auction List

Screenshot 36 - Daily Auction Detail

4.2.3 Daily Offered Capacity

Description

The Offered Capacity (OC) for the daily auction is published for Traders in the **Daily Offered Capacity** web form. The form is accessible from the menu or through the *Daily Auction List* form.

Traders are informed of the daily OC publishing by a message in the main screen:

> > Daily OC calculation is now published for Auction *<auction ID>*, Delivery Day *<delivery day>* and Border direction *<border direction name>*.

4.2.3.1 Display Daily Offered Capacity
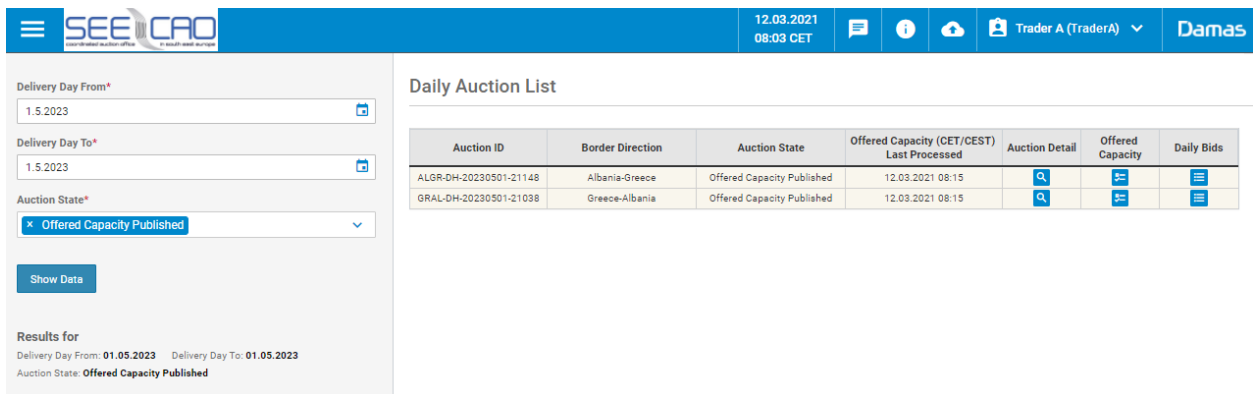
Steps

1. Choose the **Daily Auction** / **Daily Offered Capacity** menu item.

   • A screen with a parameter selection is displayed

2. Enter input parameters:

   • Enter a date in the **Delivery Day** input field

   • Note: The date is in format DD.MM.YYYY

   • Choose an item in the **Border Direction** combo box

3. Click the **Show data** button to view data.
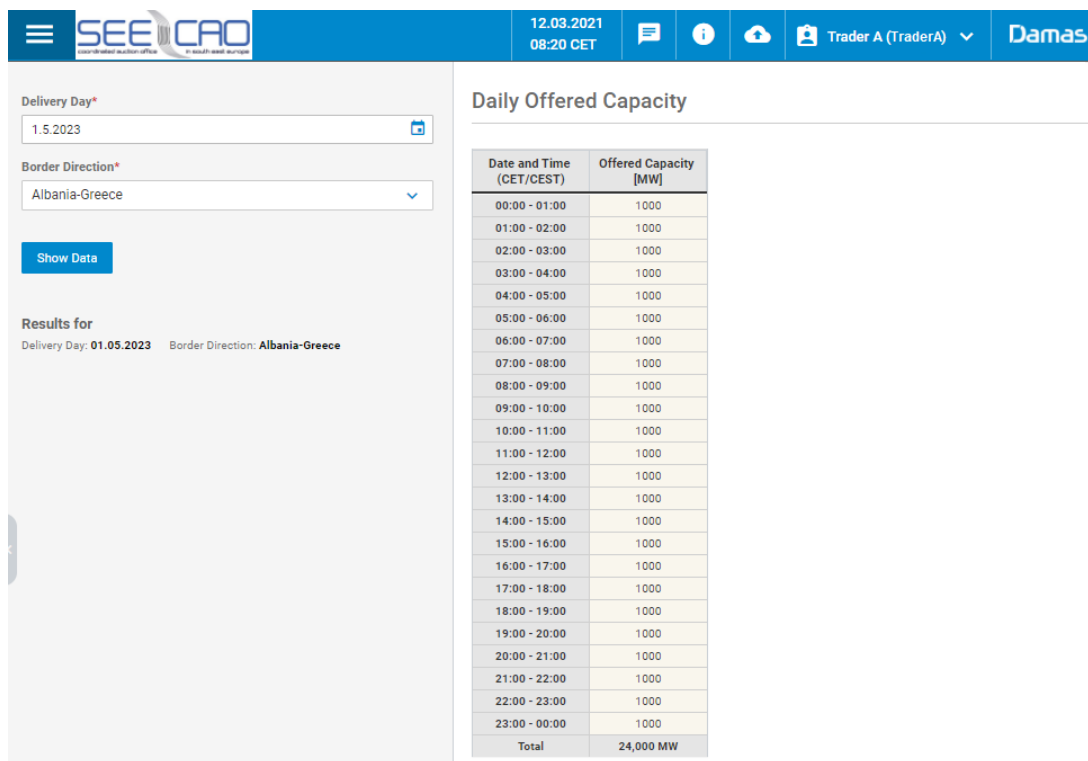
Exceptions:

The label No rows to display is present in the table before the OC is published. The N/A value is also displayed after the Offered Capacity has been published, and the auction has been subsequently cancelled.

Note: The **Daily Offered capacity** web form is also accessible from the **Daily Auction List** web form by clicking on the icon [🔍] in the Offered Capacity column.

Screenshot 37 - Daily Auction List

Screenshot 38 - Daily Offered Capacity

4.2.4 **Daily Auction Bids**

4.2.4.1 Opening of submitting daily bids

Description

When submitting daily explicit bids to the system is available following message comes to the main screen:

> Daily Bidding is now opened for Auction *<auction ID>*, Delivery Day *<delivery day>* and Border direction *<border direction name>*.

4.2.4.2 Enter Daily Auction Bid

Description

After the daily OC publishing, the gate for auction bid submitting is opened. The Capacity Trader may enter bids for the daily auction via the *Daily Auction Bids* web form, which is accessible from the menu or from the **Daily Auction List** form. See also chapter 3.5. - Copy&Paste Functionality.

The Capacity Trader is informed of the gate opening by a message in the main menu screen:

> Daily Bidding is now opened for Auction *<auction ID>*, Delivery Day *<delivery day>* and Border direction *<border direction name>*.

Steps

1. Choose the **Daily auction** / **Daily Auction Bids** menu item.

    - A screen with a parameter selection is displayed

    - Note: Alternatively, the web form **Daily Auction Bids** may be also accessed through the **Daily Auction List** web-form, by clicking on the respective icon in the selected auction's row.

    - Enter input parameters:

    - Enter a date in the **Delivery Day** input field

    - Note: The date is in format DD.MM.YYYY

    - Choose an item in the **Border Direction** combo box

    - Choose an item in the **Auction** combo box

2. Click the **Show data** button to open the form for entering a new bid.

3. Enter the requested amount of capacity in the **Bid Amount [MW]** field.

    - Minimal bid amount is 1MW

4. Enter the offered bid price in the **Bid Price [EUR/MWh]** field.

    - Bid Price is different for each bid of a Trader. The minimal bid price is 0.00 €/MWh.

5. Click on the button Add new Bid to add the editable table on the screen

6. Click the **Save** button to save bids.

Immediately after the bid is submitted, the system performs the validations of all hours of the bid. The user is notified by a message with processing results in the main screen. If the conditions are met for all hours of correctly submitted bids, the bid is stored in the system.

The entering of bids is possible only after the gate for entering bids has been opened, and before the gate for entering bids has been closed again. The user is notified of the gate opening and gate closure by a message arriving into the main menu.

The bid is cancelled and ignored during evaluation process, in case there was a zero value in Bid Amount and Bid Price of that bid.

If the user is advised by an error message, the indicated wrong entries need to be corrected. After correcting the values, these need to be confirmed by clicking the Save button.

!!! Important: After saving the bid, the form will send the values for the selected set of parameters displayed in the form header (for reference). If you change the values in the form body without clicking the Show data button, you only edit the already submitted bid. In case you want to enter values for a new set of parameters, it is necessary to modify the parameters, and click the Show data button (which refreshes the form body according to the new selection of parameters) to enter a new bid.

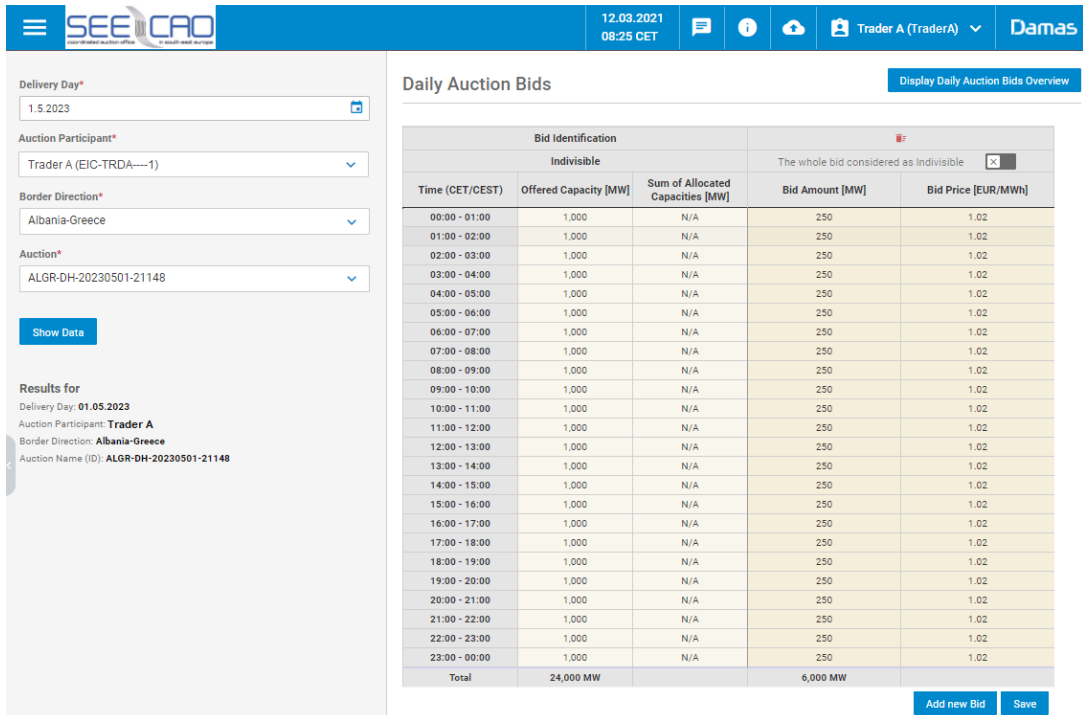| Time (CET/CEST)	Offered Capacity [MW]	Sum of Allocated Capacities [MW]	Bid Amount [MW]	Bid Price [EUR/MWh]
00:00 - 01:00	1,000	N/A	100	1.1
01:00 - 02:00	1,000	N/A	100	1.1
02:00 - 03:00	1,000	N/A	100	1.1
03:00 - 04:00	1,000	N/A	100	1.1
04:00 - 05:00	1,000	N/A	100	1.1
05:00 - 06:00	1,000	N/A	100	1.1
06:00 - 07:00	1,000	N/A	100	1.1
07:00 - 08:00	1,000	N/A	100	1.1
08:00 - 09:00	1,000	N/A	100	1.1
09:00 - 10:00	1,000	N/A	100	1.1
10:00 - 11:00	1,000	N/A	100	1.1
11:00 - 12:00	1,000	N/A	100	1.1
12:00 - 13:00	1,000	N/A	100	1.1
13:00 - 14:00	1,000	N/A	100	1.1
14:00 - 15:00	1,000	N/A	100	1.1
15:00 - 16:00	1,000	N/A	100	1.1
16:00 - 17:00	1,000	N/A	100	1.1
17:00 - 18:00	1,000	N/A	100	1.1
18:00 - 19:00	1,000	N/A	100	1.1
19:00 - 20:00	1,000	N/A	100	1.1
20:00 - 21:00	1,000	N/A	100	1.1
21:00 - 22:00	1,000	N/A	100	1.1
22:00 - 23:00	1,000	N/A	100	1.1
23:00 - 00:00	1,000	N/A	100	1.1
Total	24,000 MW	0 MW	2,400 MW	

Screenshot 39 - Daily Auction Bids – Block Auction

4.2.4.3 Edit Daily Auction Bid

Steps

1. Choose the **Daily auction** / **Daily Auction Bids** menu item.

   - A screen with a parameter selection is displayed

   - Note: Alternatively, the web form **Daily Auction Bids** may be also accessed through the **Daily Auction List** web-form, by clicking on the respective icon in the selected auction's row.

   - Enter input parameters:

   - Enter a date in the **Delivery Day** input field

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border Direction** combo box

   - Choose an item in the **Auction** combo box

2. Click the **Show data** button to open the form for editing bids.

3. Edit the requested amount of capacity in the **Bid Amount [MW]** field.

   - Minimal bid amount is 1MW

4. Edit the offered bid price in the **Bid Price [EUR/MWh]** field.

   - Bid Price is different for each bid of a Trader. The minimal bid price is 0.00 €/MWh.

5. Click the **Save** button to save bids.

Screenshot 40 - Daily Bids Editing

4.2.4.4 Cancel Daily Auction Bids

Description

A bid sent to the system can be deleted.

Steps

1. Choose the **Daily auction** / **Daily Auction Bids** menu item.

   - A screen with a parameter selection is displayed

   - Note: Alternatively, the web form **Daily Auction Bids** may be also accessed through the **Daily Auction List** web-form, by clicking on the respective icon in the selected auction's row.

   - Enter input parameters:

   - Enter a date in the **Delivery Day** input field

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border Direction** combo box

   - Choose an item in the **Auction** combo box

2. Click the **Show data** button to open the form for editing bids.

3. Click on the ▮ icon above the header of the given bid to remove it.

4. Click the **Save** button to save bids.

5. Confirmation pop-up window is displayed with the result of processing.

6. Click the **OK** button on the confirmation dialog

4.2.5 Daily Default Bids

Description

This feature allows the Capacity Traders to define a set of default bids. Unless manually intervened by the user, the default bid is automatically submitted into the respective daily auction.

Note: Each Daily Default Bid defined by the Capacity Trader must have unique bid price (i.e. two default bids must not have the same price in the same hour). The Daily Default Bid may be deleted by Capacity Trader even after it is saved in Damas.

Steps

1. Choose the **Daily Auction** / **Daily Default Bids** menu item.

   - A screen with a parameter selection is displayed.

   - Enter input parameters:

   - Enter a date in the **Delivery Day** input field

   - Choose an item in the **Border Direction** combo box

   - Choose an item in the **Bid Type** combo box

2. Click the **Show data** button to open the form for entering a new bid.

3. Enter the requested amount of capacity in the **Bid Amount [MW]** field, and the offered bid price in the **Bid Price [EUR/MWh]** field for all type of delivery day (24 hour, 23 hour, 25 hour). The values are entered separately for individual types of delivery day – 24h for a standard day, 23h for a day of time-change from winter to summer time, 24h for a day of time-change from summer to winter time. For the block auctions, the above mentioned parameters are entered for the individual blocks of hours within that day.

4. Click the **Save** button to save default bids.

   - Note: In case the already entered/defined default bids need to be modified, edit the values in the web-form and click **Save**.

5. If you wish to enter another bid, click on the button Add new Bid.

6. After clicking the **Delete** and then the **Save** buttons, the default bid will be reset, i.e. no such daily default bid will exist in Damas any more - until the potential new definition of one.

Note: The default bids must be defined by the Capacity Trader till the gate opening for entering of daily auction bids. The default bids are generated automatically by the system at the time of gate opening for entering daily auction bids. In case the default bids are defined later than this deadline, these newly defined default bids will not be taken into account, and thus will not be automatically generated by the system. Such default bids will be taken into account and automatically generated starting with the nearest oncoming gate opening for entering daily auction bids.

Screenshot 41 - Daily Default Bid

4.2.7 Daily Auction Bids Overview

Description

The **Daily Auction Bid Overview** form displays daily auction bids submitted by Capacity Traders to daily auctions. The Capacity Trader can view bids via this form.

4.2.7.1 Publishing of Daily Auction Results

Description

When results of daily auction are published, the auction participant is noticed by a message in the main screen:

> Preliminary Daily Auction results are now published from Auction *<auction ID>* for Delivery Day *<delivery day>* and Border direction *<border direction name>*.

> Final Daily Auction results are now published from Auction *<auction ID>* for Delivery Day *<delivery day>* and Border direction *<border direction name>*.

4.2.7.2 Check of Daily Auction Results

Description

The summary overview of daily auction bids is available in the **Daily Auction Bids Overview** form.

Steps

1. Choose the **Daily Auction** / **Daily Auction Bids Overview** menu item.

   - A screen with a parameter selection is displayed

   - Enter input parameters:

   - Enter a date in the **Delivery Day** input field

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border Direction** combo box – select a border direction name

2. Click the **Show data** button to view data.

   - Click on the brick for the combination of parameters to see the given bids along with the allocated capacity and the bid state.

Screenshot 42 - Daily Auction Bids Overview (Auction Results)

Screenshot 43 - Daily Auction Bids (Auction Results)

Note: In Damas system are 5 types of Bid status:

☑ - Accepted (the whole value of the bid has been accepted)

☑ - Partially accepted (partial value of the bid has been accepted)

✖ - Rejected due to price (whole value of the bid was rejected)

✖ - Rejected due to indivisibility (whole value of the bid was rejected)

▇ — Ignored in evaluation process (in case of zero requested capacity)

€ - Rejected due to credit limit (whole value of the bid was rejected due insufficient credit limit)

4.2.8 Daily Auction Statistics

Description

The **Daily Auction Statistics** form displays the summary statistics information concerning the daily auction.

4.2.8.1 Check of Daily Auction Statistics

Steps

1. Choose the menu item **Daily Auction** / **Daily Auction Statistics.**

   - A screen Daily Auction Statistics with a parameter selection is displayed

2. Enter the parameters:

   - Enter a date in the **Delivery Day** input field

   - Note: The date is in format DD.MM.YYYY

   - Choose a **Border Direction** from the combo box

   - Choose **Auction ID** from the combo box

3. Click the **Show data** button.

   - A table with auction statistics for the given day is displayed

4. Click on the **Display** link in the Price Curve column

   - The Price Curve is displayed in the separate pop-up window

A **Daily Auction Statistic** Table contains:

> **Total Costs for Allocation [EUR]:** Costs of the allocation for each trader in €.

> **Total Congestion Income [EUR]**: The total (daily) income from the Auction per bidding zone in €.

> **Time (CET/CEST)**: Time identification

> **Offered Capacity [MW]**: Total amount of Offered Capacity for given hour

> **Total Requested Capacity [MW]**: Total amount of Requested Capacity for given hour

> **Total Allocated Capacity [MW]**: Total amount of Allocated Capacity for given hour

> **Auction Clearing Price [EUR/MWh]**: Price for which the capacity was sold

> **Congestion Income [EUR]:** The total hourly income from the Auction per bidding zone in €.

> **Number of Auction Participants**: Number of traders who participated in the auction

> **Number of Successful Participants**: Number of traders who participated in the auction, and successfully acquired capacity

> **Number of Auction Bids**: Total amount of entered bids

> **Price Curve**: The **Display** link is available. After clicking on this link, the price curve for respective hour of daily auction period is displayed in a new separate window.

List of Capacity Holders:

> Note: Capacity Trader can see only those participants, that agreed on their results being published

> **Auction Participant Name**: The name of the respective capacity holder

> **Auction Participant EIC**: The EIC code of the respective capacity holder

Screenshot 44 - Daily Auction Statistics

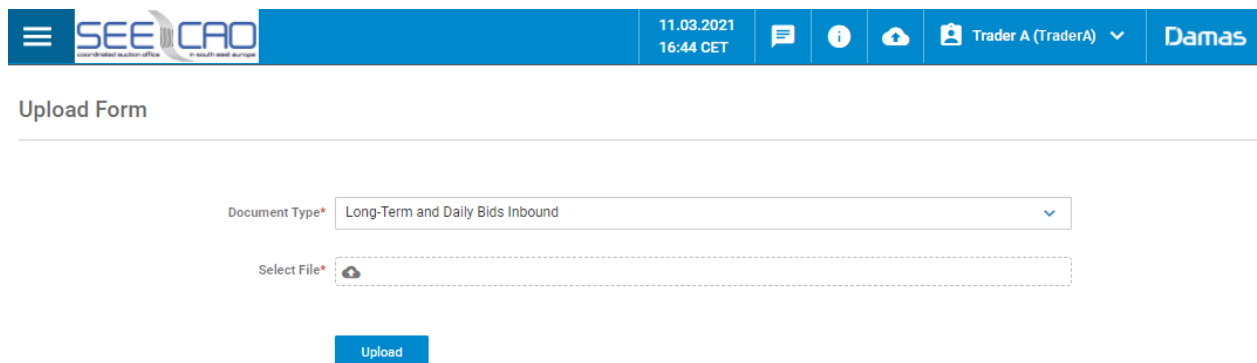*Screenshot 45 – Daily Auction Price Curve*

4.2.9 Upload Form

Description

The **Upload** Form enables Capacity Trader to upload an XML file with daily auction bids.

Note: When XML with bids is uploaded, already existing bids which are not included in the XML are over-written (i.e. deleted). In case of empty bid file, all bids are deleted.

4.2.9.1 Upload an XML File with Daily Auction Bids

1. Click on the icon ☁ located on the top.

   - Enter input parameters:

   - Select a **Document Type**

     o Long-term and Daily Bids inbound

2. Click on the Select File input field to find a location of the XML file to be uploaded directly in the standard Windows browsing window, or drag&drop the file to this input field.

3. Click on the button Upload

Screenshot 46 - Daily Auction Bids Upload

4.2.10 Daily Results Download (XML)

Description

The **Daily Results Download (XML)** form enables downloading an XML file with a daily auction results.

4.2.10.1 Download an XML File with a Daily Auction Result

Steps

1. Choose the menu item **Daily Auction** / **Daily Results Download (XML)**.

    - A screen with a parameter selection is displayed

    - Enter a date in the **Delivery Day** input field

    - Choose an item in the **Border Direction** multiple selection

    - Choose an item in the **Auction** multiple selection.

2. Click the **Generate** button.

    - After the file has been generated, go to the **Main menu** – i.e. click on the Main menu icon 🗩 .

    - Wait until a message with an attachment comes to the Main menu.

    - Note: The generated XML file will be delivered to the Main Menu as a message attachment.

3. Click on the attachment in the message in the menu.

    - A download dialog is displayed

4. Click the **Save** button or click the **Open** button.

    - A standard Windows' browsing window is displayed (for "Save" action)

    - The required file is opened (for "Open" action) – no need of steps below

    - Specify the location where the XML file is to be saved.

    - Click the Save button.

Screenshot 47 - Daily Results Download (XML)

Screenshot 48 - Daily Results Download (XML)

4.3 CAPACITY RIGHTS

After the capacities have been successfully acquired in the respective auction (Long-term, Daily) by Capacity Trader, and after the potential capacity transfers or resales (and occasionally the Curtailment) have been realized, the Capacity Rights (i.e. summary capacity rights) are evaluated for Interconnection Trade Responsible. ITR is obliged to declare how its Capacity Rights are going to be utilized by sending nominations. The nominations of acquired capacities are submitted by the ITRs to the Transmission System Operator.

Users of the Trader type can access these use cases in the Capacity Rights module:

> Allocated Capacity

> Capacity Rights Overview

> Capacity Rights Download (XML)

4.3.1 Allocated Capacity

Description

After the respective auction (long-term, daily) results publishing, the allocated capacities for each Auction Participant are evaluated (and converted to hourly values, if relevant) and can be checked in the Allocated Capacity form.

Beside capacity received in auctions, there are also transfers (the capacity received by accepted transfers and lost by entered transfers will be reflected in the allocated capacity), resales (the capacity lost by entered resales will be reflected in the allocated capacity) and capacity curtailment reductions displayed in this form.

Steps

1. Choose the **Capacity Rights** / **Allocated Capacity** menu item.

   - A screen with a parameter selection is displayed

2. Enter input parameters:

   - Enter a date in the **Delivery Day** input field

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border** combo box

   - Choose an item in the **Type** combo box

3. Click the **Show data** button to view data.

   - Select a row in the displayed table to open the overview table.

4. Click the icon to open the **Capacity Detail** form with read-only capacity detail.

Allocated Capacity

Type		Yearly	Yearly
Capacity Source		Business Capacity	Business Capacity
Auction Name (ID)		2023_ALGR_1 (ALGR-Y-20230101-00001)	2023_ALGR_2 (ALGR-Y-20230101-00004)
CAI		ALGR20230101Y00001-EIC-TRDA-----1	ALGR20230101Y00004-EIC-TRDA-----1
Time (CET/CEST)	Total Allocated Capacity [MW]	🔍	🔍
00:00 - 01:00	100	40	50
01:00 - 02:00	100	40	50
02:00 - 03:00	100	40	50
03:00 - 04:00	100	40	50
04:00 - 05:00	100	40	50
05:00 - 06:00	100	40	50
06:00 - 07:00	100	40	50
07:00 - 08:00	100	40	50
08:00 - 09:00	100	40	50
09:00 - 10:00	100	40	50
10:00 - 11:00	100	40	50
11:00 - 12:00	100	40	50
12:00 - 13:00	100	40	50
13:00 - 14:00	100	40	50
14:00 - 15:00	100	40	50
15:00 - 16:00	100	40	50
16:00 - 17:00	100	40	50
17:00 - 18:00	100	40	50
18:00 - 19:00	100	40	50
19:00 - 20:00	100	40	50
20:00 - 21:00	100	40	50
21:00 - 22:00	100	40	50
22:00 - 23:00	100	40	50
23:00 - 00:00	100	40	50
Total	2,400 MW	960 MW	1,200 MW

Screenshot 49 - Allocated Capacity

Capacity Detail

Capacity Number	10482
Market Participant	Trader A
Delivery Day	01.05.2023
Auction Name (ID)	2023_ALGR_1 (ALGR-Y-20230101-00001)
Border Direction	Albania-Greece
Capacity Source	Business Capacity
CAI	ALGR20230101Y00001-EIC-TRDA-----1)

Time (CET/CEST)	Allocated Capacity [MW]	Auction Price [EUR/MWh]
01.05.2023 00:00 - 01.05.2023 01:00	40	1.00
01.05.2023 01:00 - 01.05.2023 02:00	40	1.00
01.05.2023 22:00 - 01.05.2023 23:00	40	1.00
01.05.2023 23:00 - 02.05.2023 00:00	40	1.00
Total	960 MW	

Screenshot 50 - Capacity Detail (detail of Allocated Capacity)

4.3.2 Capacity Rights Overview

Description

The Capacity Rights Overview form is used to check over rights of all type in one single day.

Steps

1. Choose the **Capacity Rights** / **Capacity Rights Overview** menu item.

    •   Enter input parameters:

    •   Enter a date in the **Delivery Day** input field

    •   Note: The date is in format DD.MM.YYYY

    •   Choose an item in the **Border Direction** combo box

    •   Choose an item in the **Time Frame** combo box

        i. (Long-term, or Daily)

2. Click the **Show data** button to view data.

    •   A list of bricks is displayed

    •   Click on the brick for the given border direction to display the table with the rights in the columns.

Screenshot 51 - Capacity Rights Overview

4.3.3 Capacity Rights Download (XML)

Description

Rights data can be also downloaded in an XML file.

Steps

1. Choose the **Capacity Rights** / **Capacity Rights Download (XML)** menu item.

   - Enter input parameters:

   - Enter a date in the **Delivery Day** input field

     - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border Direction** combo box

   - Choose an item in the **Interconnection Trade Responsible** combo box

   - Choose an item in the **Capacity Trader** combo box

   - Choose an item in the **Time Frame** combo box

2. Click the **Generate** button.

   - After the file has been generated, go to the **Main menu** – i.e. click on the Main menu icon 💬.

   - Wait until a message with an attachment comes to the menu.

   - Note: The generated XML file will be delivered to the Main Menu as a message attachment.

3. Click on the attachment in the message in the menu.

   - A download dialog is displayed

4. Click the **Save** button or click the **Open** button.

   - A standard Windows' browsing window is displayed (for "Save" action)

   - The required file is opened (for "Open" action) – no need of steps below

   - Specify the location where the XML file is to be saved.

   - Click the Save button.

Screenshot 52 - Capacity Rights Download (XML)

4.4 SECONDARY MARKET

Damas **Secondary Market Module** offers the secondary market trading with cross-border transmission capacity by supporting the capacity transfers and explicit resale functionality.

Users of the Trader type can access these use cases in the Secondary Market module:

> Capacity Transfer Overview

> Capacity Transfer Form

> Capacity Resale Overview

> Capacity Resale Form

> Upload Form (XML)

> Noticeboard

4.4.1 Capacity Transfer Form

Description

Transfers between auction participants are performed within a Secondary Market module.

The capacity allocated in long-term auctions operated by DAMAS can be transferred among the Capacity Traders. The Capacity Trader who enters the transfer has the Transferor role, while the receiving Capacity Trader has the role of a Transferee. Capacity transfers for the capacity allocated in the long-term auction can be entered immediately after the publishing of the long-term auction results.

The entering of transfers is possible only until gate closure for the given Delivery Day and Border Direction. The already paid capacity can be the object of transfer only. The user is notified of the gate

closure by a message arriving into the main menu. In case of attempt to submit transfer outside respective secondary trading window (i.e. after gate closure), an error message is displayed to the user.

Steps

1. Choose the **Secondary Market** / **Capacity Transfer Form** menu item.

   - A screen with a parameter selection is displayed

   - Enter the input parameters:

   - Choose an item in the **Transferee** combo box – select a Capacity Trader for the Transferee role

   - Note: Transferee is a person, who gets the allocated capacity and Transferor is a person, who sends a capacity to another Capacity Trader. Transfers have to be pre-arranged outside Damas, including the related financial compensations. Transferor and transferee have to discuss the time period and capacity which they want to transfer before any transfer entered into Damas. Capacity Transfer is entered to Damas after agreement. Transferor and transferee subjects are thus entered into Damas according to this agreement.

   - Enter **Delivery Day From** – enter the date of the first day of the time interval

   - Note: 1 to 31 continual days may be selected; the transfer for a day of time change must be selected separately (in case such transfer is requested)

   - Enter **Delivery Day To** – enter the date of the last day of the time interval

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in an **Border Direction** combo box

   - Choose an item in an **Auction Type** combo box

        o Yearly

        o Monthly

        o ML Monita

   - Select an auction identification (Auction ID) from the combo box – only relevant Auction IDs will be displayed, with regard to selected parameters.

   - Note: Each auction is identified by unique Auction ID which may be also found in the **Long-term Auction List** web-form form and also in message which appears to users in Main menu after auction opening.

2. Click the **Show data** button to open the form for entering a new transfer.

   - The available capacity that can be transferred is displayed in the **Available Capacity [MW]** field – if the selected time interval is longer than one delivery day, the minimum value of the available capacity of all selected days is displayed for each hour.

3. Enter the requested amount of capacity in the **Capacity [MW]** field.

- The transfers may be entered into Damas until the gate for entering transfers has not been closed

4. Click the **Save** button.

- Transfer is saved and a pop-up window with transfer information is displayed. The window contains:

- Auction Type: Yearly, Monthly, ML Monita

- Auction Identification

- Border Direction

- Transferor in form Company Name(EIC Code)

- Transferee in form Company Name(EIC Code)

- Delivery Date From

- Delivery Date To

- State (Entered, Cancelled)

- Processing result: Accepted/Rejected

5. Click the **OK** button to close message.

Screenshot 53: Capacity Transfer Form

4.4.2 Confirmation of Capacity Transfer

The capacity transfer has to be confirmed or cancelled (i.e. rejected) by the appropriate Transferee. In case the Transferee neither confirms nor cancels the transfer during a predefined time interval or at least before the gate closure for capacity transfer entering, the transfer is cancelled automatically by the Damas system.

Capacity transfers can be entered and confirmed/cancelled till the gate closure for submitting capacity transfers. The Capacity Trader is informed of the gate closure for submitting capacity transfers and cancelling of unconfirmed transfers by messages on the main screen.

The transferor and transferee are expected to communicate outside Damas, while arranging the intended transfer. Thus, the notification of the entered transfer, the need for its acceptance, and the consecutive settlement take place outside Damas.

TSO is informed about Capacity Transfer Confirmation by the Rights Document. This Rights document (Document type A21, Business type A32) is send to appropriate TSOs via email per Transfer is confirmed.

4.4.2.1 Confirm/Cancel Capacity Transfer

Steps

1. Choose the **Secondary Market** / **Capacity Transfer Overview** menu item.

   - A screen with a parameter selection is displayed.

   - Enter input parameters:

   - Enter a start date in the **Delivery Day From** input field

   - Note: The date is in format DD.MM.YYYY

   - Enter an end date in the **Delivery Day To** input field

   - NOTE: There is a limitation of max. 31 days (between Start and End dates)

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border** combo box

   - Choose an item in the **Auction Type** combo box

   - Choose a Transfer **State** from the combo box

     - Entered - means that the transfer has not been explicitly confirmed, i.e. accepted by the transferee

     - Confirmed - means that the transfer has been explicitly confirmed, i.e. accepted by the transferee.

     - Cancelled - means that the transfer has been explicitly cancelled, i.e. denied by the transferor/transferee OR the transfer was cancelled due to deadline exceeding.

2. Click the **Show data** button to view data. A list of unconfirmed capacity transfers appears in bricks below.

3. Select one brick from the list to view detailed information about the capacity transfer.

- **For cancellation:** Please click on the button **Cancel Transfer**.

- **For confirmation:** Please click on the button **Confirm Transfer**.

Note: The transferor/transferee may cancel the capacity transfer by clicking on the button Cancel Transfer as described above.

Immediately after the capacity transfer confirmation/cancellation, the system performs the validation of these operations. When the data verification is complete, the user is notified by a new message with processing results on the main screen:

> Capacity Transfer for the auction <Auction ID>, Transferor <Transferor Name>, and Transferee <Transferee Name> has been confirmed.

    or

> Capacity Transfer for the auction <Auction ID>, Transferor <Transferor Name> and Transferee <Transferee Name> has been cancelled. See the attachment for further details.

    or

> Unconfirmed Capacity Transfers have been automatically cancelled for Border Direction <Border Direction>.

Screenshot 54: Capacity Transfer Confirmation / Cancellation

4.4.3 Capacity Transfers Overview

Description

In order to view transfer details including the creation time and confirmation or cancelling times the Trader can use the **Capacity Transfer Overview** form. It displays all transfers where the auction participant is in the role of a transferor or a transferee.

4.4.3.1 Check Transfers Overview

Steps

1. Choose the menu item **Secondary Market** / **Capacity Transfer Overview.**

   - A screen **Capacity Transfer Overview** with a parameter selection is displayed

   - Enter the parameters:

   - Enter a start date in the **Delivery Day From** input field

   - Note: The date is in format DD.MM.YYYY

   - Enter an end date in the **Delivery Day To** input field

   - NOTE: There is a limitation of max. 31 days (between Start and End dates)

   - Note: The date is in format DD.MM.YYYY

   - Choose a **Border** from the combo box

   - Choose an **Auction Type** from the combo box

   - Choose a Transfer **State** from the combo box

     - ➡ Entered - means that the transfer has not been explicitly confirmed, i.e. accepted by the transferee

     - ➡ Confirmed - means that the transfer has been explicitly confirmed, i.e. accepted by the transferee.

     - ➡ Cancelled - means that the transfer has been explicitly cancelled, i.e. denied by the transferor/transferee OR the transfer was cancelled due to deadline exceeding, see note below).

2. Click the **Show data** button.

   - A list of transfers where the selected auction participant is in the role of a transferor or a transferee is displayed

3. Click on a brick with a transfer.

4. A detail of the transfer is displayed

Screenshot 55 - Capacity Transfer Overview

4.4.4 Capacity Resale Form

Description

The capacity allocated in the long-term auctions can be resold into another long-term auction. Capacity resales of the capacity allocated in the source auction can be resold subject to the target auction is in the *Capacity Resales Opened* state.

The minimum value across all hours in the source auction period is offered as the maximum available capacity to be resold into the target auction. In the case the target auction period overlaps the source one, the available capacity to be resold is zero.

If the target auction is cancelled, all submitted resales are cancelled.

The Capacity Trader is informed of the gate opening/closure by a message on the main screen:

> Resale of Long-term Capacity is now open for Monthly Auction *<auction ID>*, Delivery Day *<delivery day>* and Border direction *<border direction name>*.

4.4.4.1 Enter Capacity Resale

Steps

1. Choose the **Secondary Market** / **Capacity Resale Form** menu item.

    - A screen with a parameter selection is displayed

    - Enter the input parameters:

    - Choose an item in the **Year** combo box

    - Choose an item in the **Border Direction** combo box

    - Choose an item in the **Source Auction Type** combo

        o The source (FROM which the resale is made) auction types cover yearly auctions

    - Choose an item in the **Source Auction** combo box (only finished auctions are available for selection)

        o The source auction name identifies the auction (FROM which the resale is made) with a unique system identifier, also trackable through respective Auction List web-form

    - Choose an item in the **Target Auction Type** combo box

        o The target (TO which the resale is made) auction types cover monthly auctions

    - Choose an item in the **Target Auction** combo box (only auctions in the state for capacity resale entering are available for selection)

        o The target auction name identifies the auction (TO which the resale is made) with a unique system identifier, also trackable through respective Auction List web-form

    - Note: The resales may be entered only between such auctions that are based on a compatible product, i.e.: base to base, peak to peak, off-peak to off-peak, base to peak, base to off-peak, and other derived products based on these basic products.

2. Click the **Show data** button to open the form for entering a new resale.

    - The available capacity that can be resold is displayed in the **Remaining Capacity for Resale [MW]** field – the minimum value of the available capacity for every hour of all days of the target auction period is displayed.

3. Enter the offered amount of capacity in the **Capacity for Resale [MW]** field – after this, the entered value is distributed into the overview of resale hourly values.

4. Click the **Save** button to save the capacity resale.

Immediately after the capacity resale submitting, the system performs a validation of the resale. The already paid capacity can be the object of resale only. When the data verification is complete, the user is notified by a message with processing results on the main menu.

Screenshot 56 - Capacity Resale Form

4.4.4.2 Edit Capacity Resale

Description

In case of editing capacity resale it can be used web form **Capacity Resale Form**.

Steps

1. Choose the **Secondary Market** / **Capacity Resale Form** menu item.

    o A screen with a parameter selection is displayed

    o Enter the input parameters:

    o Choose an item in the **Year** combo box

    o Choose an item in the **Border Direction** combo box

    o Choose an item in the **Source Auction Type** combo

        i. The source (FROM which the resale is made) auction types cover yearly auctions

- o Choose an item in the **Source Auction** combo box (only finished auctions are available for selection)

    - i. The source auction name identifies the auction (FROM which the resale is made) with a unique system identifier, also trackable through respective Auction List web-form

- o Choose an item in the **Target Auction Type** combo box

    - i. The target (TO which the resale is made) auction types cover monthly auctions

- o Choose an item in the **Target Auction** combo box (only auctions in the state for capacity resale entering are available for selection)

    - i. The target auction name identifies the auction (TO which the resale is made) with a unique system identifier, also trackable through respective Auction List web-form

2. Click the **Show data** button.

    - o The list with entered Resales is displayed.

    - o Click on the given brick concerning the Resale

3. Edit the requested amount of capacity in the **Capacity for Resale [MW]** field.

4. Click the **Save** button to save the capacity resale.

Screenshot 57 - Capacity Resale Form - Edit

Screenshot 58: Edit of Capacity Resale

4.4.5 Capacity Resales Overview

Description

All entered capacity resales can be displayed in the **Capacity Resale Overview** web form. Resales in all states are displayed in the form.

Displaying of data in **Resale Detail** depends on resale state and on evaluation of resale compensations:

1. Before evaluation of resale compensations:

    - **Entered, Cancelled, Confirmed resale** – The value of Capacity for Resale is displayed

2. After evaluation of resale compensations:

    - **Cancelled resale** – Only the value of Capacity for Resale is displayed

    - **Confirmed resale** – Resale compensations data are displayed:

        o Resold Capacity

        o Number of Hours of Target Auction Period

        o Original Price (the auction price of the source auction)

        o Compensation Price (the auction price of the target auction)

4.4.5.1 Check Resales Overview

Steps

1. Choose the **Secondary Market** / **Capacity Resale Overview** menu item.

   - A screen with a parameter selection is displayed

   - Enter input parameters:

   - Enter the first day of the time interval for displaying resale in the **Delivery Day From** input field

   - Enter the last day of the time interval in the **Delivery Day To** input field (there is a limitation of 365 days maximum – with regard to the leap year)

   - Choose an item in the **Border** combo box – select a border name

   - Choose an item in the **Source Auction Type** combo box

   - Choose an item in the **Target Auction Type** combo box

   - Choose an item in the **Resale State** combo box – select a resale state (All / Entered / Confirmed / Cancelled)

2. Click the **Show data** button to view data. A list of resales appears in bricks.

3. Select one brick from the list to view detailed information about the resale.

Screenshot 59 - Capacity Resale Overview

4.4.5.2 Cancel Submitted Resale

Description

A submitted resale is automatically confirmed when the gate for submitting resales is closed. Zero value has to be entered into the **Capacity for Resale [MW]** field in order to cancel an existing resale.

Steps

1. Choose the **Secondary Market** / **Capacity Resale Overview** menu item.
   - A screen with a parameter selection is displayed
   - Enter the input parameters:
   - Enter a **Delivery Day From** in the input field
   - Note: The date is in format DD.MM.YYYY
   - Note: The date is in format DD.MM.YYYY
   - Choose a **Border** from the combo box
   - Enter a **Source Auction Type** in the input field
   - Enter a **Target Auction Type** in the input field
   - Choose a **Resale State** from the combo box

2. Click the **Show data** button.
   - The list with entered Resales is displayed.
   - Click on the given brick concerning the Resale

3. Set the **Capacity for Resale [MW]** value to zero.

4. Click the **Save** button to save the capacity resale.

5. Alternatively, the button **Cancel Resale** can be pressed.

Screenshot 60: Capacity Resale Cancellation
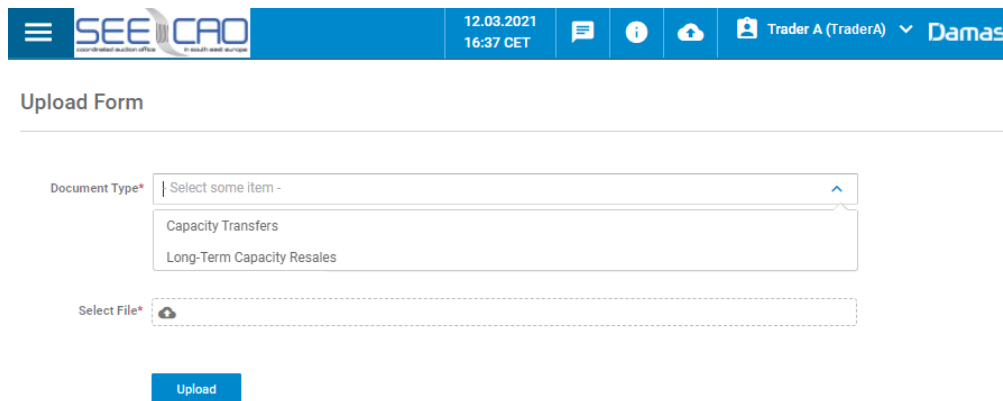
4.4.6 Upload of Transfer and Resale XML files

Description

The **Upload Form** enables a Capacity Trader to upload an XML file with a transfer or a resale in the system.

The XML files cannot be generated within the Damas environment.

Steps

4. Click on the icon ☁ located on the top.

    - Enter input parameters:
    - Select a **Document Type**

        o Long-term Capacity Resales

        o Capacity Transfers

5. Click on the Select File input field to find a location of the XML file to be uploaded directly in the standard Windows browsing window, or drag&drop the file to this input field.

6. Click on the button Upload

Screenshot 61: Upload Form (XML)

4.4.7 Noticeboard

Description

The Notice board is a tool of communication between the Capacity Traders, to announce their intent to acquire or sell capacity to another Capacity Trader using a capacity transfer.

The Noticeboard displays the notices for the respective Capacity Trader, Border, and type parameters, validity of which overlaps with the selected time period on at least one day. The form is used only to display basic parameters and short notice texts. This form enables the Trader to create a new notice for the selected parameters.

4.4.7.1 View Existing Notices

1. Choose the **Secondary Market** / **Noticeboard** menu item.
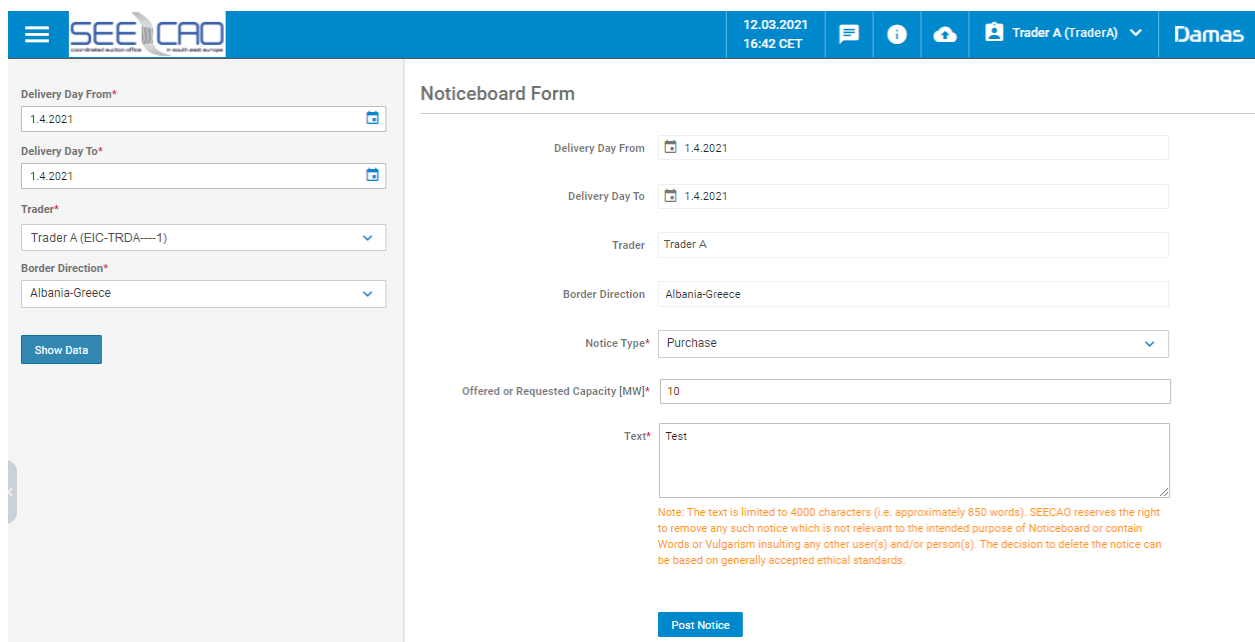
   - Enter input parameters:

   - Enter **Delivery Day From** – enter the date of the first day of the time interval

   - Note: The date is in format DD.MM.YYYY

   - Enter **Delivery Day To** – enter the date of the last day of the time interval

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Trader** combo box

     - (Option All Traders, or your company)

   - Choose an item in an **Border Direction** combo box

   - Choose an item in the **Notice Type** combo box

     o Purchase

     o Sale

     o General

     o All

2. Click the **Show data** button to view data.

   - A list of notices is displayed

4.4.7.2 Post Notice

This will allow the user to post a notice, which will become visible to other users accessing the Notice-board

Steps

1. Click the button **Create Notice.**

   - Enter input parameters:

   - Enter **Delivery Day From** – enter the date of the first day of the time interval

   - Note: The date is in format DD.MM.YYYY

   - Enter **Delivery Day To** – enter the date of the last day of the time interval

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in an **Border Direction** combo box

   - Choose an item in the **Type** combo box

     o Purchase

o Sale

o General

- Enter **Offered or Requested Capacity [MW]** - Offered or Requested capacity (according to the nature of the notice); only numeric values may be entered (i.e. no text)

- **Text** of the notice truncated to the first 255 characters

    o Note: The text box allows entering over 1000 characters, however, only the first 256 will be displayed on the message board.

2. Click the **Save** button to save data.

NOTE - available icons description:

> 🔍 displays **Notice Detail** form in read-only mode

> ✏️ displays **Notice Detail** form in edit mode

> 🗑️ deletes the already posted notice.

Screenshot 62 - Capacity Noticeboard

Screenshot 63 - Capacity Notice Detail (edit)

Screenshot 64 - Capacity Notice Detail (read-only)

4.5 NOMINATIONS

In case of auction is administrated by the Auction Platform the Rights Holders are obliged (after the capacity rights are evaluated) to declare the usage of capacities, i.e. to submit the nominations for their capacity rights in the system of relevant Transmission System Operator. By nomination submitting, the Rights Holder declares the level of usage of the capacity acquired in the auction or through the secondary market. The final long-term nominations are delivered to the Damas via the schedule message (CAS file). Damas checks the long-term nominations and rejects the schedule message if any schedule exceeds the capacity rights.

Users of the Trader type can access only these use cases in the Nominations module:

> Nominations Overview

> UIOSI / UIOLI Overview

4.5.1 Nominations Overview

Description

The Trader is able to view Long-term nominations, which have been inserted into TSO`s scheduling system, also in the Damas.

Steps

1. Choose the **Nominations** / **Nominations Overview** menu item.

    - Enter input parameters:

    - Enter a date in the **Delivery Day** input field

    - Note: The date is in format DD.MM.YYYY

    - Choose an item in the **Border** combo box

    - Select the **Nomination Type** in the multiple selection field

2. Click the **Show Data** button.

    - The list of nomination timeseries for selected parameters is displayed.

3. Select a brick with the nomination to open the table with an overview.

Screenshot 65 - Nominations Overview

4.5.2 UIOSI/UIOLI Overview

Description

The UIOSI/UIOLI principles address the issue where capacity nominated by an ITR is less than its capacity rights for that day/hour. At each long-term nomination gate closure, if an ITR's capacity rights are not fully utilised (i.e. nominated) then the residual capacity is released back in to the next suitable daily auction for purchase by other (or the same) Capacity Traders.

Steps

1. Choose the **Nominations** / **UIOSI/UIOLI Overview** menu item.

   - A screen with a parameter selection is displayed

   - Enter input parameters:

   - Enter a date in the **Delivery Day** input field

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border Direction** combo box

   - Choose an item in the **Nomination Type** combo box

2. Click the **Show data** button to view data.

3. Select a brick and then the given row in the displayed table to open the overview table in the pop-up window.

Notes:

- Term **Not Resold Capacity** refers to capacity which has not been resold to Daily auction as a consequence of Curtailment or Auction cancellation.

- The UIOSI Compensations are evaluated on a daily basis (after the daily timescale concludes), and are displayed through this web-form as soon as they become available. For any elements on this web-form that are not available at the respective point in time, the substitute "N/A" symbol is displayed.

Screenshot 66 - UIOSI/UIOLI Overview

4.6 FINANCE

Damas supports the preparation of settlement data and evaluation of compensations with regard to allocated capacities, capacity resales, UIOSI/UIOLI principle, and curtailment application. Evaluation of these settlement data takes place on a daily basis and is performed immediately after the final source data are available.

Credit Management module is responsible for evaluation of credit limit of the individual Capacity Traders – this credit limit is to be used in the capacity allocation process (validation of submitted bids). The credit cover is entered by operators to the Damas system

Users of the Traders type can access only these use cases in the Finance module:

> Invoicing Source Data Overview

> Settlement Data Overview

> Settlement Data Download (MS Excel)

> Credit Limit Overview

4.6.1 Invoicing Source Data Overview

Description

The **Invoicing Source Data Overview** web form enables an authorized Trader to view the invoicing data. The web form is used for payments evidence. The information about payment is entered by Border Administrator. The detail of invoicing data is accessible on the **Invoicing Source Data Overview** web form by clicking on the icon.

Steps

1. Choose the **Finance** / **Invoicing Source Data Overview** menu item.

    - Enter input parameters:

    - Choose an item in the **Year** combo box

    - Choose an item in the **Month** combo box

    - Choose an item in the **Border Direction** combo box

    - Choose an item in the **Invoicing Data Type** combo box

    - Choose an item in the **Invoicing State** combo box

    - Choose an item in the **Capacity/Nomination Type** combo box

2. Click the **Show Data** button.

    - The table with all invoice notice is displayed

3. Click on the icon in the last column to proceed to the detail of the invoice notice.

Screenshot 67 - Invoicing Source Data Overview

Note: In Damas system are 4 types of Invoice states:

 - This icon indicates the state "Unpaid". The Unpaid state is the default state of any invoice it is set upon creation of an invoice, credit note, or debit note. The label of this icon will contain text: "Unpaid".

 - This icon indicates the state "Paid". The label of this icon will contain text: "Paid".

 - This icon indicates the state "Overdue". The Overdue state is set manually by the authorized system user (i.e. Border Administrator).

 - This icon indicates the state "Cancelled". The state is set by system after the yearly capacity is released through the Forced Return principle.

Screenshot 68 - Invoicing Source Data Detail

4.6.2 Settlement Data Overview

Description

Settlement Data Overview form enables to display settlement data according to its type – available types are Auctions, Capacity Resale, UIOSI and Curtailment.

Steps

1. Choose the **Finance** / **Settlement Data Overview** menu item.

   - A screen with a parameter selection is displayed

   - Enter the input parameters:

   - Enter **Delivery Day From** – enter the date of the first delivery day of the time interval

   - Note: The date is in format DD.MM.YYYY

   - Enter **Delivery Day To** – enter the date of the last delivery day of the time interval

   - NOTE: There is a limitation of max. 31 days (between Start and End dates)

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border** combo box

   - Choose an item in an **Settlement Type** combo box

   - Note: The revenue type offers the following options: All (for selecting all sub-options at once), Auctions, Resale, UIOSI, Curtailment

2. Click the **Show data** button.

Note: The values cover whole data aggregated for concrete day. Data displayed after choosing an item from **Settlement Type** combo box. Detail of overview is available to download (in MS Excel file) through the **Settlement Data Download (MS Excel)** form.

The table Settlement Overview contains:

> Border Direction: BORDER_DIRECTION / OPPOSITE_BORDER_DIRECTION

> Total [EUR]: Amount of total revenue in EUR in particular delivery day depending on the selected *Source Data Type*

> Total [EUR]: row with total amount of revenue in EUR in all chosen delivery days

Screenshot 69 - Settlement Data Overview

4.6.3 Settlement Data Download (MS Excel)

Description

Settlement data can be also downloaded as a MS EXCEL file.

Steps

1. Choose the **Finance** / **Settlement Data Download (MS Excel)** menu item.

   - Enter input parameters:

   - Enter **Delivery Day From** – enter the date of the first delivery day of the time interval

   - Note: The date is in format DD.MM.YYYY

   - Enter **Delivery Day To** – enter the date of the last delivery day of the time interval

   - NOTE: There is a limitation of max. 31 days (between Start and End dates)

   - Note: The date is in format DD.MM.YYYY

   - Choose an item in the **Border** combo box

   - Choose an item in the **Settlement Type** combo box

   - Note: The following options are available to define the requested data export - Auctions, Curtailment, Resales, UIOSI

   - Choose an item in the **Capacity Type** combo box

   - Note: The following options are available to define the time-scale of requested data export – All, Yearly, Monthly, ML Monita, Daily
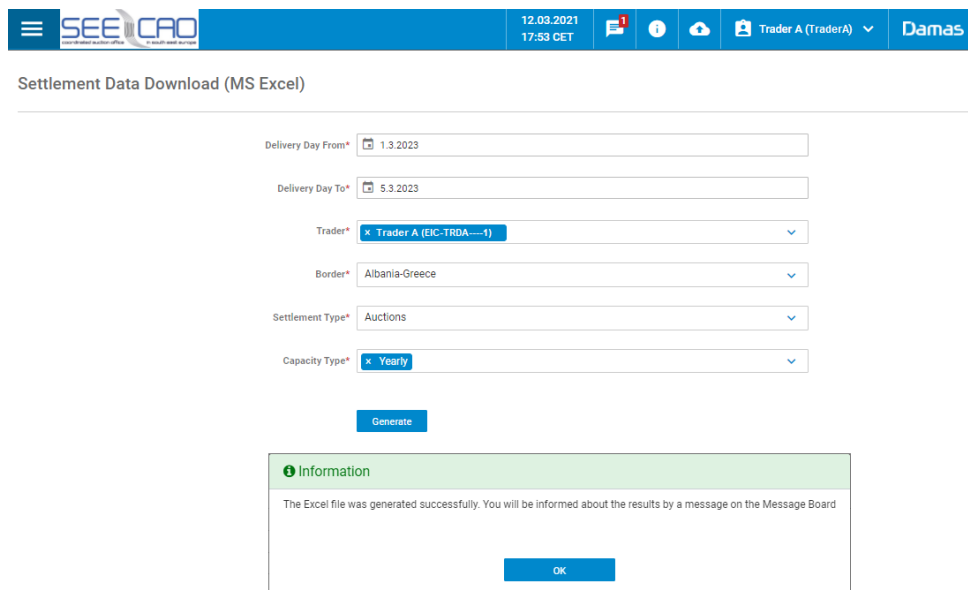
2. Click the **Generate** button.

- The user is then automatically re-directed to the Main Menu. In case this does not happen, go to the main menu by clicking on icon 🗨 in the main toolbar

- Wait until a message with an attachment comes to the menu

- The icon ⬇ represents a link to download attached MS EXCEL file

3. Click on the attachment in the message in the menu.

- A download dialog is displayed

4. Click the **Save** button or click the Open button.

- A standard Windows browsing window is displayed (for "Save" action)

- The required file is opened (for "Open" action) – no need of steps below

- Specify the location where the file is to be saved.

- Click the Save button.

Screenshot 70 - Settlement Data Download (MS Excel)

Screenshot 71 - Settlement Data Download (MS Excel)

4.6.4 Credit Limit Overview

Description

The financial volumes of transactions managed by the auction office are considerable and may require employing certain risk-management tools to avoid the potential losses from the Capacity Traders who are either not able or are unwilling to pay for the obtained capacity. In order to eliminate such situation, the credit limit is checked in capacity allocation process in Damas.

The amount of credit limit for each Capacity Trader is calculated based on business data available in Damas and based on manual external inputs from SEE CAO operators.

Steps

1. Choose the **Finance** / **Credit Limit Overview** menu item.

Credit Limit Calculation (updated according to HAR):

According to HAR, the credit limit for individual capacity trader is calculated without considering compensations.

The **positive** components of the Credit Limit algorithm are:

- <u>Financial Guarantee</u> – i.e. the Letter of credit / Cash on deposit, entered manually to the System by SEE CAO operators;

The **negative** components of the Credit Limit algorithm are:

- <u>Invoiced Liabilities (from Auctions)</u> – the invoiced liabilities including VAT (Invoiced means that invoicing source data were generated by Damas):
  - The invoiced liabilities for the Long-Term auctions (for Yearly auctions 2 monthly proportions are considered, for Monthly auctions 1 whole monthly instalment is considered).
  - The invoiced liabilities for the Daily auctions
  - Only the unpaid and overdue (with potential coefficient correction) items are taken into account by the calculation.
  - The paid or cancelled invoices are not considered as input of this calculation.

- <u>Uninvoiced Liabilities</u> – the uninvoiced liabilities including VAT:
  - not yet invoiced liabilities from already finished Long-Term and Daily auctions (for example finished Daily auction, currently being within the contestation period).
  - for Long-Term auctions:
    - only a proportion of the uninvoiced liability is considered; This is liabilities falling due in one month. For Yearly auctions 2-monthly proportions of liabilities is considered, for Monthly auctions 1 whole monthly instalment is considered.
    - The reduction periods are considered.
  - potential outstanding liabilities from other running Long-Term and Daily auctions

- <u>Overdue invoices</u> – The invoices marked as "overdue" are additionally taken into the Credit Limit calculation. VAT is considered.
  - The overdue invoices are considered as multiplied by a Penalty Coefficient. This coefficient is configurable in the system (one joint configurable parameter for all borders in general).
  - The coefficient represents a number higher than one, which thereby increases the basic invoiced amount. This reflects the penalties incurred when exceeding the due date of the respective invoice.
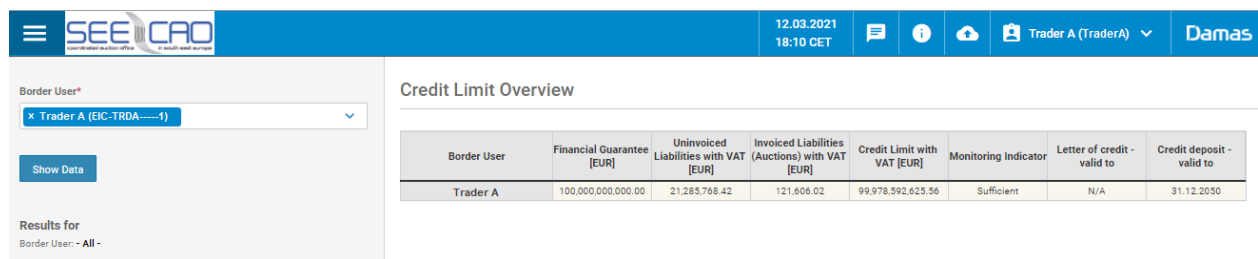
Credit Limit Validation

$$MaxLiability = Max(Bid\,Price(1)*BidAmount(1); Bid\,Price(2)*\sum_{i=1}^{2}BidAmount(i);...;$$

$$Bid\,Price(n)*\sum_{i=1}^{n}BidAmount(i))*Hours$$

Note: When the bid is entered, system automatically controls the credit limit – if the credit limit is not high enough, the bid will be accepted with warning. If the credit limit is not sufficient during the auction evaluation the bid is rejected due to insufficient credit limit.

When the bid is entered, system automatically checks also the period of credit limit validity. In order to be allowed to participate in the auction and place the bids, the period of credit limit validity must be at least 30 days after the end of the product period in order to allow the financial liabilities of given auction to be settled safely. If the period of credit limit validity is not appropriate, the bid will be rejected and the user will be informed about the rejection via message.
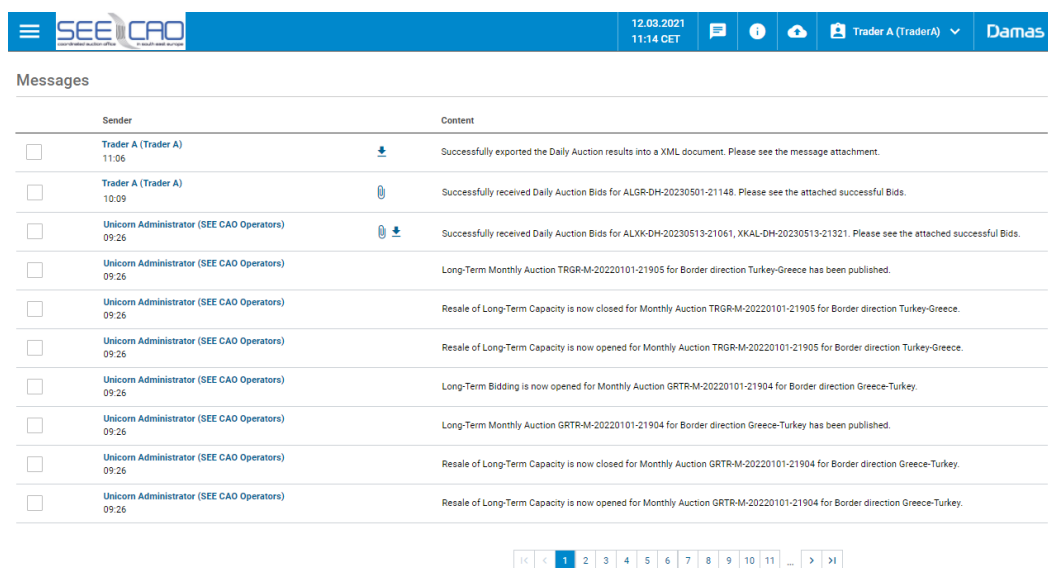

Screenshot 72 - Credit Limit Overview

4.7 MESSAGES

The Main Menu contains incoming messages and keeps a history of them. The fifty most recent messages are displayed when entering the main menu screen. Arrows and numbers at the bottom of the list of messages enable the user to browse the message history.

If a message contains an attachment, a small icon of a paper clip is situated on the left side of the message line. When a user clicks on the paper clip, either the attachment is shown in a new window, or a download dialog (with the relevant file to be saved) is displayed.

Screenshot 73 – Messages

4.7.1 Delete Messages

Description

There is a menu option to delete messages in the *Menu* form. The deleted messages are deleted only from the perspective of the given user, i.e. other users can still see them.

Steps

To delete one or more messages, follow these steps:

1. Click on the "speech bubble" icon in the Main Menu

    > A screen with the messages is displayed

2. Click the **Select All** button

    > All the check boxes on the left of the Message's line are checked

3. Click the **Unselect All** button

    > None of the check boxes on the left of the Message's line are checked

4. Check one or more check boxes on left on Message's line

5. Click the **Delete Selected** button

    > Confirmation for deletion is asked

        o Yes

        o No

6. Click **Yes** button to confirm deleting of Message

    > Selected Messages were deleted from Message list

4.7.2 Filter Messages

Description

The *Message Filter* form enables an authorised user to view only the messages matching specified conditions.

The form displays all filtering criteria, with each criterion having a checkbox assigned, activating the filtering criterion if selected. If multiple filtering criteria are activated at once, the results are filtered out according to the selected parameters.

Steps

1. Click on the "speech bubble" icon in the Main Menu

    > A screen with the messages is displayed

2. Click the **Filter Messages** button

    > Message Filter screen is displayed

3. Enter one or more search criteria (i.e. optional):

    > Choose a Company in the **Company Name** combo box

> Choose a Module in the **Module** combo box

> Choose a Use Case in the **Use Case** combo box

> Enter a business day in the **Day From** input field

  o Note: The date is in format DD.MM.YYYY

> Enter a business day in the **Day Till** input field

  o Note: The date is in format DD.MM.YYYY

> Choose an option in the **Attachment** combo box

  o Without attachment

  o With attachment

> Choose an option/s in the **Message Type** combo box

  o Error

  o Info

  o Warning

  o Select All

> Type containing text in message in the **Message's content contains text** input field

4. Click the **Apply** button

> A screen only with the messages matching the searching criteria is displayed

5. Click the **Clear Filter** button

> A screen with all the messages is displayed.

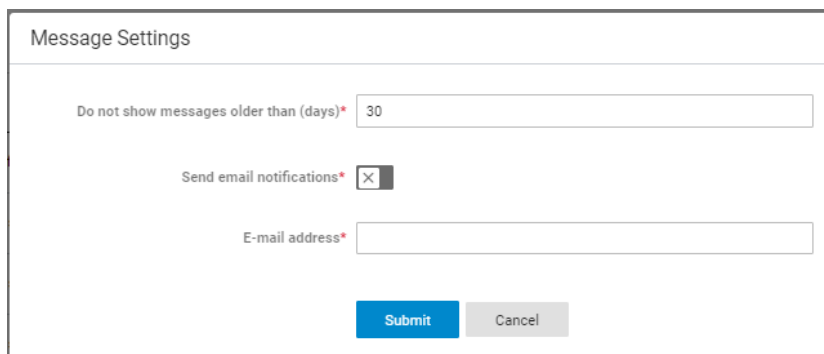*Screenshot 74* – Message Filter

4.7.3 Message Settings

Description

The *Message Settings* form makes it possible for an authorised user to configure a user message account. It can be used to:

> Specify the period for regular deletion of messages

> Enable the possibility to receive selected messages by e-mail.

Steps

1. Click on the "speech bubble" 🖃 icon in the Main Menu

   > A screen with the messages is displayed

2. Click the **Messages Setting** button

   > Message Setting screen is displayed

3. Enter/check the values:

   > Enter the number of days in **Do not show messages older than (days)** to display

   > Switch on/off the function of sending e-mail notifications in **Send email notifications** checkbox

      o Switch on

      o Switch off

   > Enter an e-mail address in **E-mail address** input field

      o The maximum length of an email is 100 characters

4. Click the **Submit** button

   > The validation report is displayed

Message Settings	
Do not show messages older than (days)*	30
Send email notifications*	☒
E-mail address*	
	Submit Cancel

Screenshot 75 – Message Settings

4.8 USER ACCOUNT SETTINGS

4.8.1 Password Change

1. Navigate to the username in the top right corner of the screen.
2. Click on the combo box selection.
3. Choose *Password Change* in the dropdown menu.
4. Re-enter the old password
5. Enter the new password
6. Confirm the new password
7. Submit the form by clicking on the button **Save**

Screenshot 76 – Password Change in the Menu

Screenshot 77 – Password Change screen

4.8.2 Password Requirements

The following requirements are applied on the user password:

1. Minimum password length to be 8 characters

2. Minimum of 1 upper case letter and 1 lower case letter.

3. At least 1 digit and 1 special character (e.g. #, £, $ or %) must be used

4. Passwords used in the last 10 instances cannot be reused

5. Password cannot be the same as the Username

4.9 Account Settings

Description

The *Account Settings* form makes it possible for a user to manage the settings of the account. It can be used to:

> Update the registration e-mail.

> Update the registration phone number

Steps

1. Navigate to the username in the upper right corner of the screen
2. Click on it to display the dropdown menu
3. Choose *Account Settings*
4. Check/Change the registration e-mail
   a. The maximum length of an email is 100 characters
5. Check/Change the registration phone number
   a. The maximum length of a phone number is 30 characters
   b. The phone number should be in format +XXXYYYYYYYYY, where +XXX is the area code and YYYYYYYYY is the local number (e.g. +420221400825)
6. Check that the time zone is set as in the screenshot below
7. Click the *Save* button to submit the form

Account Settings: Trader A

E-mail* aa@aa.aa

Phone* 111222333

Timezone* Central European Time (CET) / Central European Summer Time (CEST)
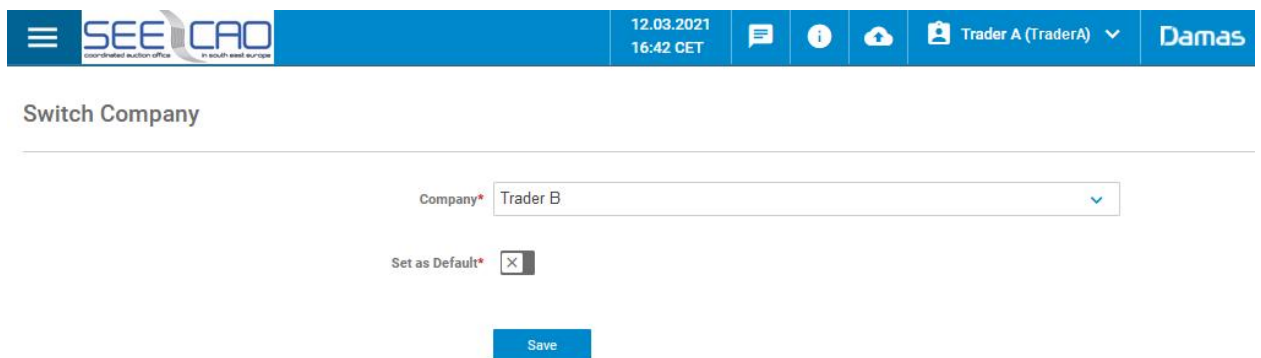
Save   Cancel

Screenshot 78 – Account Settings

4.9.1 Switch Company

Description

A user's company can be switched via the **Switch Company** form.

Steps

1. Choose the **User Account Settings** / **Switch Company** menu item.

   - A screen with a parameter selection is displayed

   - Choose an item in the **Company Name** combo box

   - Choose an item in the **Set as Default** checkbox (selected company can be set as default. Only on from the user´s companies can be entered as default).

2. Click the **OK** button to confirm changes.

Screenshot 79 – Switch Company

5. Error reporting

In case the user encounters a problem, while interacting with Damas, as It is described in paragraph 3.13 , the problem/issue may be reported to SEE CAO Operators through the below listed contacts:

- **E-mail contact**:   auctionoffice@seecao.com

- **Phone contact**:   +382 20 444 999

The users are expected to have the following information ready, in order to allow the Operators to proceed with the problem solution as soon as possible.

> User logged-in to Damas (username)

> On what environment has the problem occurred (i.e. Nominal environment "https://auctions.see-cao.com" or Testing environment "https://test-auctions.seecao.com")

> Action/step that the user was trying to perform

> Web-form used when problem encountered

> Time, when problem encountered

> Text of the error message, in case a system error occurred or any other error message has been displayed to the user

> Screenshot with the problem visible

> Any other relevant information available