



Web Client Manual for Market Participants



REVISION HISTORY

Date	Author	Changes

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APPLICATION BASICS

The Auction Platform (AP) Web Client for Market Participants is web-based application. Access to application is only allowed for auction participants according to national Grid Code and Market Code. Application is available on: <https://auctions.ems.rs/Auction-Web-Client>.

Its functionalities are implemented according to documents and definitions produced by the ENTSO-E Electronic Data Interchange (EDI) Working Group. Links to particular documents are available below, but you can check the entire [EDI Library](#).

AP Web Application is html application compatible with the following browsers:

- Chrome
- Microsoft Edge
- Firefox
- Opera
- Vivaldi

The user is required to use username and password to login. Once you are logged in, the application will be synchronized with the server.

Auction Platform
Participant portal

English (United States) ▼

 ЈАВНО ПРЕДУЗЕЋЕ
ЕЛЕКТРОМРЕЖА СРБИЈЕ

Auction platform for the procurement and sale of energy and reserve capacities.

The platform offers you advanced options, various features and benefits in cooperation with the transmission system operator.

The platform will make your bidding, overview of the auction results and conclusion of the contracts as easy as possible for you.

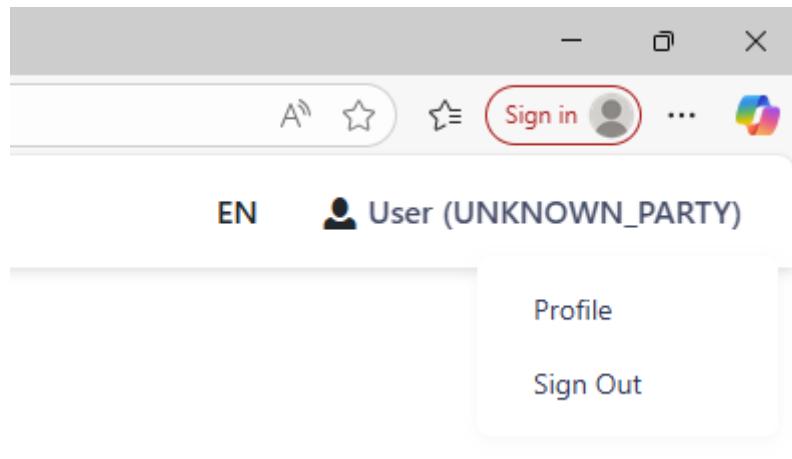
Please log in to proceed.

user

....

Login

Sign out option is available in right upper corner.



Auction Platform web application supports following functions, available on the left side navigation tree:

- **Dashboard,**
- **Auctions,**
- **Notifications,**
- **Documents** and
- **User Profile.**



DASHBOARD

The main dashboard page serves as the central hub for users to manage their auction activities effectively. It provides a comprehensive and user-friendly interface that consolidates critical auction information and system notifications. The page features a navigation menu on the left side, which offers quick access to additional details and functionalities.

On the dashboard following information is available in tabular format:

- **List of opened and scheduled auctions** - A comprehensive list of ongoing and near-term auctions is displayed, providing users with essential information about the auctions, such as auction identification, auction status, delivery period, bidding period, product category and auction product identification. More information can be accessed with a direct click on View option or through the navigation menu.
- **List of last system notifications** - The page displays a list of recent system notifications, which allows users to quickly identify the nature of each message. It includes notification level (differentiated using color-coding), notification time, notification content and read/unread status. Users can access further message details with a direct click on Read option which will open the Notification Details window.

AUCTIONS



Auction List

This section allows users to view and participate and navigate to auctions related data pages. It has Today sub-sections, which gives users directly link to actual (ongoing or in progress) today's auction.

On top of the page users can interact with the auction platform through various filtering parameters to access relevant information and participate effectively in auctions. The filter component includes combo and date editors and a Search button to trigger the search. Data can be displayed in several data pages. The main filters of the AP web application are:

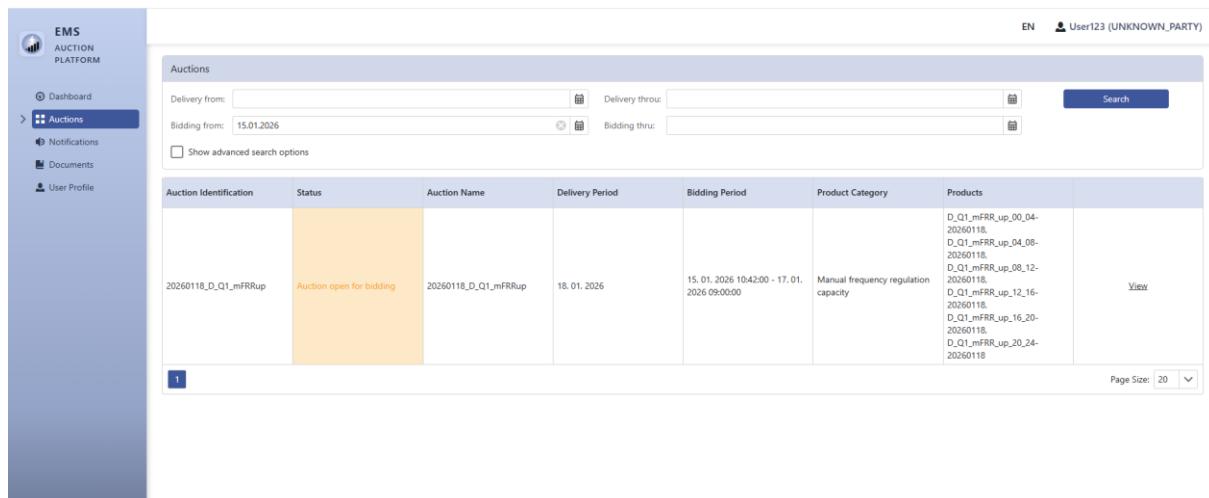
- Delivery period time interval
- Bidding period time interval

By clicking on *Show advanced search options*, you can view:

- Auction status
- Product category
- Auction identification

In the middle section of page, the main component of the user interface is the grid component that displays a list of auctions in a table format. Users can also click on top table column for sorting of auction data. The table consists of following columns:

- Auction identification,
- Status,
- Auction name,
- Delivery period,
- Bidding period,
- Product category and
- Products.



Auction Identification	Status	Auction Name	Delivery Period	Bidding Period	Product Category	Products
20260118_D_Q1_mFRRup	Auction open for bidding	20260118_D_Q1_mFRRup	18. 01. 2026	15. 01. 2026 10:42:00 - 17. 01. 2026 09:00:00	Manual frequency regulation capacity	D_Q1_mFRR_up_00_04-20260118, D_Q1_mFRR_up_04_08-20260118, D_Q1_mFRR_up_08_12-20260118, D_Q1_mFRR_up_12_16-20260118, D_Q1_mFRR_up_16_20-20260118, D_Q1_mFRR_up_20_24-20260118



Single Auction Data

With clicking on View link option at auction list data page, single auction data is available. On top of the page auction identification, auction name and delivery periods are available.

Auction Specification and Product Details

Auction specification data page contains three main tabs in the user interface:

- **Details section** – displays essential information about the auction, including the Auction Identification, Auction Name, delivery date, bidding date/time information and finally auction Status.
- **Announcement section** – display Auction announcement title and message, which is sent to participants also via email channel, if configured so.
- **Products section** – displays essential information about one or more auction products, including auction product identification, category, contract type, resolution, delivery period, auction quantity, lot size and total volume.

The screenshot shows the EMS Auction Platform interface. The left sidebar includes links for Dashboard, Auctions (selected), Today, Notifications, Documents, and User Profile. The main content area shows the following sections:

- Auction Identification:** 20260112_Q1DmFRRup (20260112_Q1DmFRRup)
12. 01. 2026 | 6/6 Products | 6 Bids
- Status Progress:** Announced (green), Bidding (green), Closed (blue), Results (green)
- General Tab:** Auction results published
- Details Tab:** Auction Identification: 20260112_Q1DmFRRup, Auction Name: 20260112_Q1DmFRRup, Status: Auction results published 09. 01. 2026 14:42:14, Delivery period from: 12. 01. 2026, Thru: 12. 01. 2026
- Announcement Tab:** Title: Dnevna aukcija: 20260112_Q1DmFRRup, Message: Poštovani, Objavljuje se dnevna aukcija mFRRup za tržišni dan 12.01.2026: 20260112_Q1DmFRRup. Početak aukcije: 09.01.2026, 9:00 h. Završetak aukcije: 10.01.2026, 9:00 h. Srdačan pozdrav, EMS Team
- Products Tab:** A table showing auction products with columns: Identification, Category, Contract Type, Resolution, Delivery Period, Auction Quantity [MW], Lot Size [h], Total Volume [MWh], and Details link. The table lists 7 products, all with 141 Auction Quantity [MW], 4 Lot Size [h], and 564 Total Volume [MWh].



On auction product details page, by clicking on Details hyperlink, Product Details including product parameters on auction is available. Data are collected to sections:

- Product identification on auction, product category, contact type, resolution, delivery period, auction quantity, lot size, total volume.
- Parameters – This section displays a table with the auction parameters used during the auction, including their names and values. These parameters define the rules and constraints of the auction. Participants will only be able to view auction parameters and data if the visibility option has been configured to either be always visible to external users or visible after the auction results have been published and the auction is in that state.

Products								
Identification	Category	Contract Type	Resolution	Delivery Period	Auction Quantity [MW]	Lot Size [h]	Total Volume [MWh]	
YaFRRdown_U-20270101	Automatic frequency regulation capacity	Yearly: Single calendar year	1 year	01. 01. 2027 - 31. 12. 2027	100	8.760	876.000	

ProductDetails: Q1DmFRRup_00_04-20260112 ×

Identification	Q1DmFRRup_00_04-20260112	Category	Manual frequency regulation capacity
Contract Type	Daily: Single calendar day	Resolution	1 day
Delivery Period	12. 01. 2026		
Auction Quantity [MW]	141	Lot Size [h]	4
Total Volume [MWh]	564		

Parameters

Parameter	Value
Allocation algorithm	Order by price and quantity with first-come, first-served
Auction format	Minimal cost
Payment terms	Pay as bid
Price step	0,01
Quantity step	1
Maximum bid price	0,28
Tendered quantity must equal auction quantity	False

Close



Bidding

In the 'Bidding' tab, the auction product is selected from a drop-down menu.

20260118_D_Q1_mFRRup 20260118_D_Q1_mFRRup
18.01.2026 1 days

Announced Bidding Closed Results Auction open for bidding

General Bidding

Select product: D_Q1_mFRR_up_00_04-20260118

Name	Delivery Period	Bids
D_Q1_mFRR_up_00_04-20260118	18.01.2026	0
D_Q1_mFRR_up_04_08-20260118	18.01.2026	0
D_Q1_mFRR_up_08_12-20260118	18.01.2026	0
D_Q1_mFRR_up_12_16-20260118	18.01.2026	0
D_Q1_mFRR_up_16_20-20260118	18.01.2026	0

Manual frequency
18.01.2026 1 days 1/1 Products | 1 Bids 1 days

Show extended options

Qty [MW]	Price [EUR/MWh]	Total Amount [EUR]
0	0	0

No data to display

Copy to Clipboard Paste from Clipboard Submit all bids to auction platform

Basic bid options displayed in a table format are Delivery Date/Time, Qty [MW], Price [EUR/MWh] and Total Amount. Submission of the bid is done by selecting the 'New' option and entering the quantity and price.

20270101_YaFRRdown_U_Y 20270101_YaFRRdown_U_Y
01.01.2027 - 31.12.2027 1/1 Products | 1 Bids 1 days

Announced Bidding Closed Results Auction open for bidding

General Bidding

Select product: YaFRRdown_U-20270101

Automatic frequency regulation capacity
01.01.2027 - 31.12.2027 1/1 Products | 1 Bids 1 days

Show extended options

New	Delivery Date/Time	Qty [MW]	Price [EUR/MWh]	Total Amount [EUR]
	2027	50	2	100

Copy to Clipboard Paste from Clipboard Submit all bids to auction platform

With enabling extended option table is populated also with Bid Identification, Divisible and Min Qty [MW]. User confirms data with clicking on **Submit** option and bid data are copied to bidding data table.

Finally, data are sent to auction platform by clicking **Submit All Bids to the Auction Platform**, green bottom below the table. Platform prompts users once again to check all bids and finally confirming bids submission by clicking on green **Submit** button.

Web application returns notification response whatever bid was accepted or rejected.



Submit all bids

Are you sure you want to submit all bids to the auction platform?

Product	Bid Identification	TimeSlot	Qty [MW]	Price	Divisible	Min Qty [MW]	
D_Q1_mFRR_down_00_04-20260116	P217-BID-1	16. 01. 2026	160	1	<input checked="" type="checkbox"/>		

Error!

Problem in bid 'P217-BID-1', position 1: A42 - Bid quantity must not be greater than 135.

Submit **Cancel**

EMS
AUCTION
PLATFORM

EN Petar Petrović (UNKNOWN_PARTY)

Dashboard
Overview of your active auctions and recent messages

Open and Scheduled Auctions

20260123_Q1DmFRRup Auction open for bidding
x 20260123_Q1DmFRRup

Product Category: **Manual frequency regulation capacity**

Delivery Period: 23.01.2026

Bidding Period: 20.01.2026 11:15:00 - 22.01.2026 09:00:00

Products: Q1DmFRRup_00_04-20260123

Submitted Bids: 1

Closing in: 1 days

Last Notifications

Auction 20260123_Q1DmFRRup: Bid Accepted
Bid Y224-BID-1 for the auction 20260123_Q1DmFRRup has been accepted.
20.01.2026 11:15:37

Auction 20260123_Q1DmFRRup: Bidding Open
The auction 20260123_Q1DmFRRup is now open for bidding.
20.01.2026 11:15:00

Invitation for Auction 20260123_Q1DmFRRup
You are invited to participate in the auction 20260123_Q1DmFRRup, which will be held on 2026-01-20 at 11:15:00. All the necessary information about the auction can be found in the Auction Specification Document or within the Auction Platform application.
20.01.2026 11:12:00



Results

A four-hour interval for which we need the results is selected from the drop-down menu. The tabs that are displayed are:

- Bid Qty [MW],
- Bid Price [EUR/MWh],
- Min Qty [MW],
- Transacted Qty [MW],
- Price [EUR/MWh]
- Total Volume [MWh]
- Total Amount [EUR]

Delivery Date/Time	Bid Qty [MW]	Bid Price [EUR/MWh]	Min Qty [MW]	Transacted Qty [MW]	Price [EUR/MWh]	Total Volume [MWh]	Total Amount [EUR]
12.01.2026	30,00	0,28		30,00	0,28	120,00	33,60
Total	30,00	0,28		30,00		120,00	33,60

NOTIFICATIONS

In the notification section one-way alerts and notifications related to the auction platform are available. These include:

- Updates on auction statuses (e.g., open, closed, cancelled, or completed auctions),
- Announcements about new auctions or changes in auction schedules and other public parameters,
- System-related issues or maintenance notices that users should be aware of,
- Reminders for users about upcoming deadlines, such as submitting bids or signing contracts.



On top of the page users can interact with the auction platform through few filtering parameters to filter relevant notifications. The filter component includes combo, date editors, check box and a Search button to trigger the search. Data can be displayed in several data pages. The filters are:

- Notification time interval from – to,
- Notification level,
- Unread/read checkbox.

In the bottom section of page is the grid component that displays a list of notifications in a table format. Users can also click on top table column for sorting of notifications. The table consists of following columns:

- Notification time,
- Notification content,
- Read link for displaying single notification details and marking notification as read.

Notification Time	Notification Content	Read
15.01.2026 10:42:00	Auction 20260118_D_Q1_mfRRup: Bidding Open The auction 20260118_D_Q1_mfRRup is now open for bidding.	Read
15.01.2026 10:41:00	Invitation for Auction 20260118_D_Q1_mfRRup You are invited to participate in the auction 20260118_D_Q1_mfRRup, which will be held on 2026-01-15 at 10:42:00. All the necessary information about the auction can be found in the Auction Specification Document or within the Auction Platform application.	Read
15.01.2026 09:00:00	Auction 20260116_D_Q1_mfRR_down_00_04_D: Bidding Closed The auction 20260116_D_Q1_mfRR_down_00_04_D is now closed for bidding.	Read
13.01.2026 14:32:00	Auction 20260116_D_Q1_mfRR_down_00_04_D: Bidding Open The auction 20260116_D_Q1_mfRR_down_00_04_D is now open for bidding.	Read
13.01.2026 14:29:00	Invitation for Auction 20260116_D_Q1_mfRR_down_00_04_D You are invited to participate in the auction 20260116_D_Q1_mfRR_down_00_04_D, which will be held on 2026-01-13 at 14:32:00. All the necessary information about the auction can be found in the Auction Specification Document or within the Auction Platform application.	Read



DOCUMENTS

Auction platform documents are based on ENTSO-e and slightly customized ENTSO-e (Novita custom) XML schemas. In Documents view user can download all documents in XML format, which were sent to Auction platform or auction platform send it to participant. Supported documents:

- Capacity Auction Specification Document
(NovitaAuctionSpecification_MarketDocument v1r0 schema).
- Bids Document (NovitaAuctionBid_MarketDocument v1r0 schema).
- Auction results are Document (NovitaAuctionResult_MarketDocument v1r0 schema)
- Acknowledged document (entso-e AcknowledgementDocument v5r1 schema).

Documents are searched based on the delivery period.

Selecting the 'More filters' option enables additional filters at the top of the page: Documents Type, Auction identification, Document identification and include all documents version check box filter options. In the table below from the left first Document identification is displayed, following by, Document Type, Time Interval, Processed, Auction Identification and Sender/Receiver.

Users can download all documents as XMLs **Download** link. Data can also be sorted in grid table by all available columns.

USER PROFILE

On User Profile page, users can review information about their profile - username, user display name and associated party. Password last change time, password expiration time and change password options are also available.

A screenshot of the EMS Auction Platform User Profile page. The left sidebar shows navigation links: Dashboard, Auctions, Notifications, Documents, and User Profile (which is currently selected). The main content area is titled 'User Profile' and contains the following fields:

Username:	User123
Display Name:	Petar Petrović
User Party:	UNKNOWN_PARTY
Password Last Changed:	14. 01. 2026 14:57:53
Password Expires:	14. 02. 2026 14:57:53

[Change Password](#)