

Daily auctions performed by JSC EMS

Market Division
Belgrade 2018



JOINT STOCK COMPANY
ELEKTROMREŽA SRBIJE

Daily Auctions

Daily Auction Specification:

Four Separated Auctions (per border direction):

- Romania – Serbia
- Serbia – Romania
- Hungary – Serbia
- Serbia – Hungary
- Bulgaria – Serbia
- Serbia – Bulgaria
- Macedonia – Serbia
- Serbia – Macedonia

➤ **Publishing ATC:** until 9:00h

➤ **Submitting Bids:** 9:00h till 9:30h

Publishing Results:

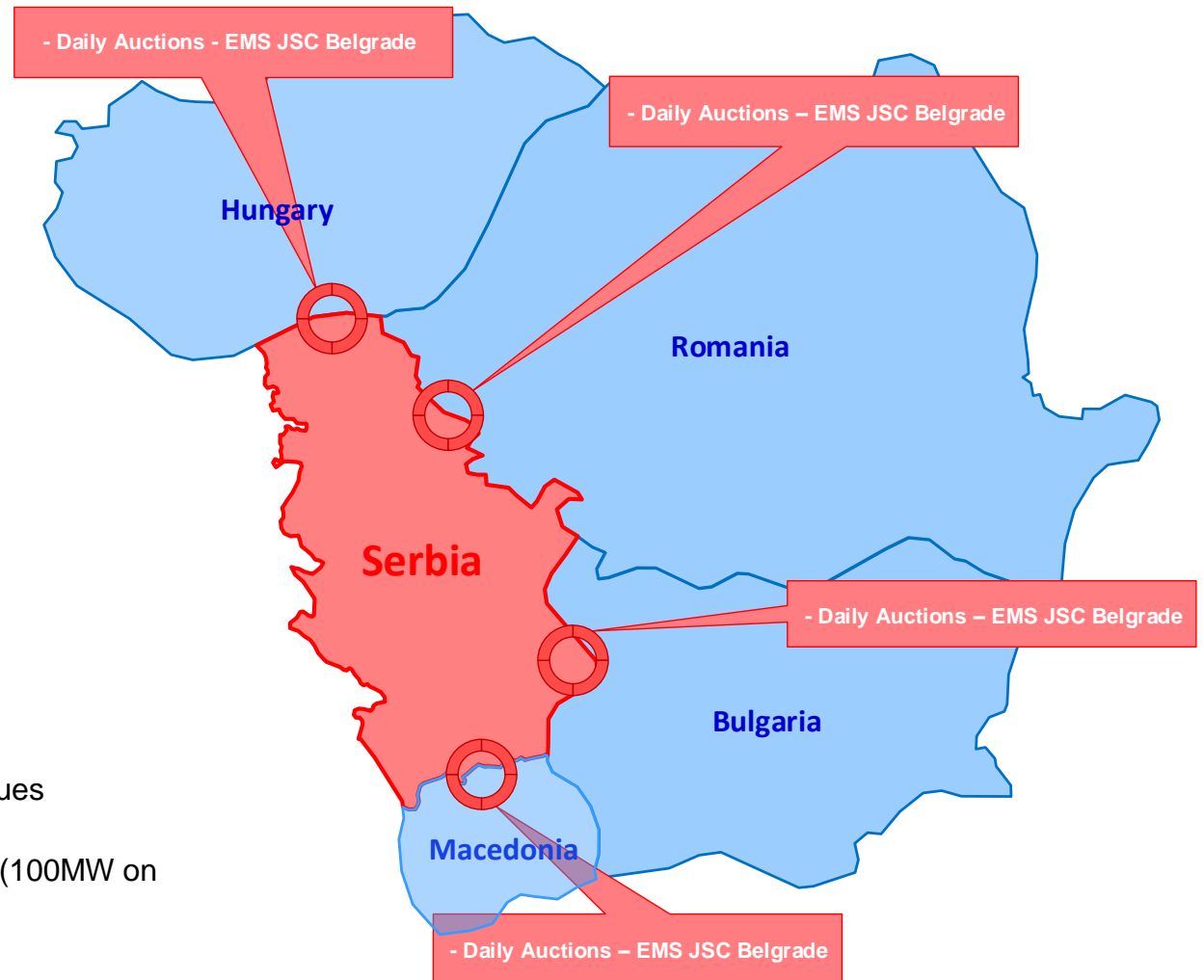
- 9:40h in DAMAS
- 10:15h on EMS web-site

Auction configuration:

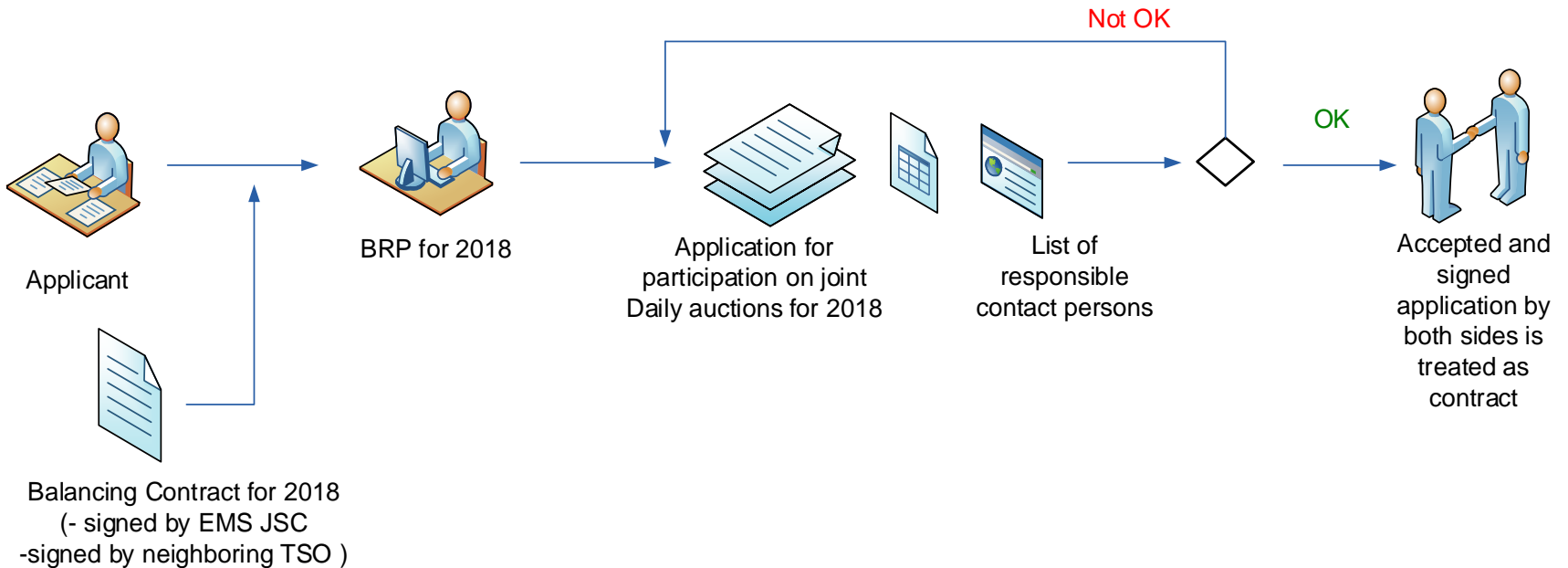
- One bid contents 24 hourly values
- Min and max bid value:
min -> 1MW, max -> 70MW (100MW on Hungary-Serbia border)
- Max number of bids: 10
- Min bid price value: 0.01€/MWh

Auction evaluation algorithm:

- Marginal price



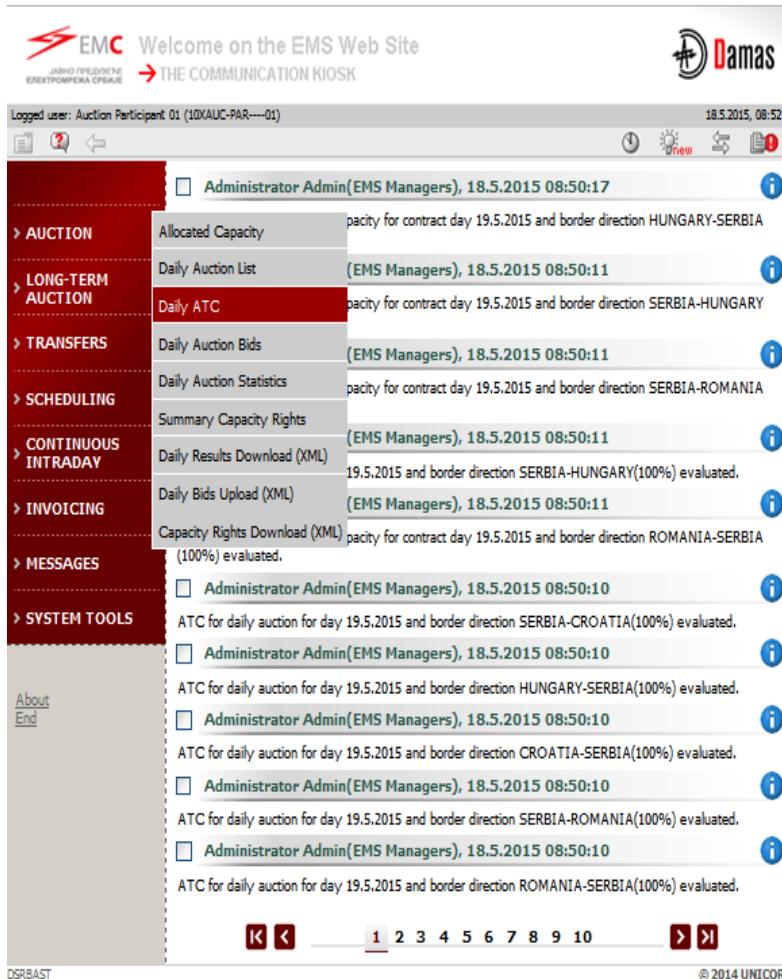
Application for Participation on Daily Auctions for 2018



- Deadline for registration for Market Day D:
 - 7 working days before Market day D at 12:00h

Daily ATC Preview

- Daily ATC will be published until 9:00h
- Select right data to see daily ATC



EMC Welcome on the EMS Web Site
JAVNO PREDUZEĆE ELEKTROMREŽA SRBIJE THE COMMUNICATION KIOSK Damas

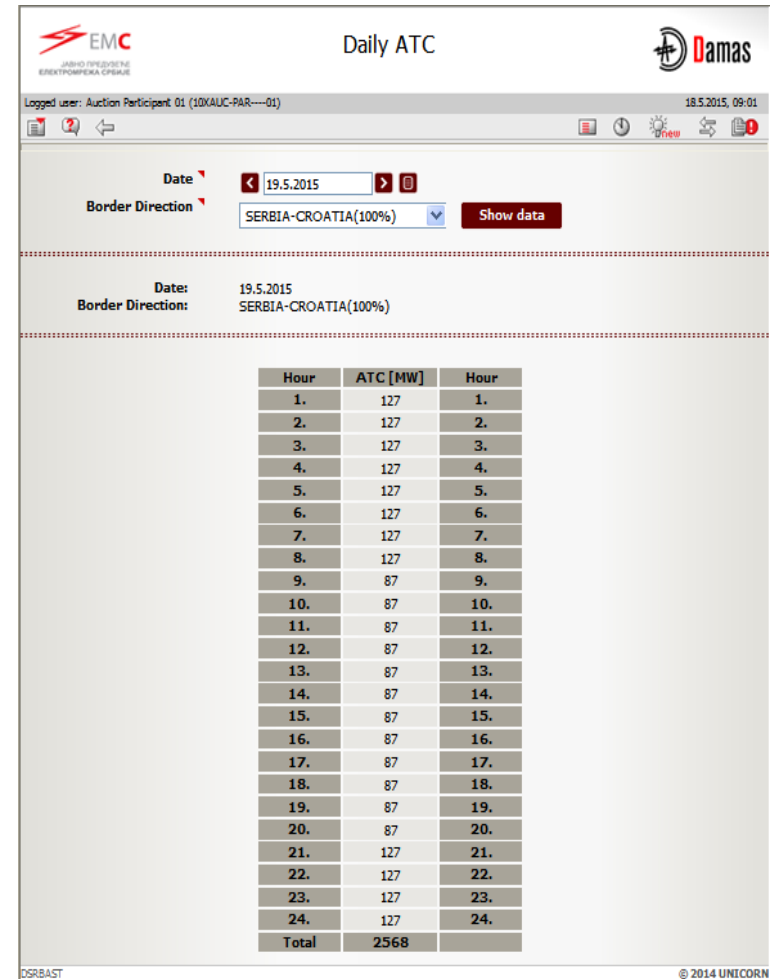
Logged user: Auction Participant 01 (10KAUC-PAR---01) 18.5.2015, 08:52

- Administrator Admin(EMS Managers), 18.5.2015 08:50:17
- AUCTION**
 - Allocated Capacity capacity for contract day 19.5.2015 and border direction HUNGARY-SERBIA
- LONG-TERM AUCTION**
 - Daily Auction List (EMS Managers), 18.5.2015 08:50:11
 - Daily ATC** capacity for contract day 19.5.2015 and border direction SERBIA-HUNGARY
- TRANSFERS**
 - Daily Auction Bids (EMS Managers), 18.5.2015 08:50:11
- SCHEDULING**
 - Daily Auction Statistics capacity for contract day 19.5.2015 and border direction SERBIA-ROMANIA
- CONTINUOUS INTRADAY**
 - Summary Capacity Rights (EMS Managers), 18.5.2015 08:50:11
 - Daily Results Download (XML) 19.5.2015 and border direction SERBIA-HUNGARY(100%) evaluated.
 - Daily Bids Upload (XML) (EMS Managers), 18.5.2015 08:50:11
- INVOICING**
 - Capacity Rights Download (XML) capacity for contract day 19.5.2015 and border direction ROMANIA-SERBIA (100%) evaluated.
- MESSAGES**
- SYSTEM TOOLS**

About End

1 2 3 4 5 6 7 8 9 10

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EMC Daily ATC JAVNO PREDUZEĆE ELEKTROMREŽA SRBIJE Damas

Logged user: Auction Participant 01 (10KAUC-PAR---01) 18.5.2015, 09:01

Date: 19.5.2015

Border Direction: SERBIA-CROATIA(100%) Show data

Date: 19.5.2015
Border Direction: SERBIA-CROATIA(100%)

Hour	ATC [MW]	Hour
1.	127	1.
2.	127	2.
3.	127	3.
4.	127	4.
5.	127	5.
6.	127	6.
7.	127	7.
8.	127	8.
9.	87	9.
10.	87	10.
11.	87	11.
12.	87	12.
13.	87	13.
14.	87	14.
15.	87	15.
16.	87	16.
17.	87	17.
18.	87	18.
19.	87	19.
20.	87	20.
21.	127	21.
22.	127	22.
23.	127	23.
24.	127	24.
Total	2568	

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Opening Gate for Submitting Bids

- Submitting of bids for daily auction is starting at 9:00h

The screenshot shows the EMS Web Site interface. The top navigation bar includes the EMC logo, the text "Welcome on the EMS Web Site", and "THE COMMUNICATION KIOSK". The user is logged in as "Auction Participant 01 (10XAUC-PAR----01)" on "18.5.2015, 09:01".

The main content area displays a list of messages from the "Administrator Admin(EMS Managers)". The messages are as follows:

- Message 1: "Submitting of bids for daily auction for day 19.5.2015 and border direction SERBIA-CROATIA(100%) started." (Timestamp: 18.5.2015 09:00:16)
- Message 2: "Submitting of bids for daily auction for day 19.5.2015 and border direction HUNGARY-SERBIA(100%) started." (Timestamp: 18.5.2015 09:00:07)
- Message 3: "Submitting of bids for daily auction for day 19.5.2015 and border direction ROMANIA-SERBIA(100%) started." (Timestamp: 18.5.2015 09:00:07)
- Message 4: "Submitting of bids for daily auction for day 19.5.2015 and border direction SERBIA-HUNGARY(100%) started." (Timestamp: 18.5.2015 09:00:07)
- Message 5: "Submitting of bids for daily auction for day 19.5.2015 and border direction SERBIA-BULGARIA(100%) started." (Timestamp: 18.5.2015 09:00:07)
- Message 6: "Submitting of bids for daily auction for day 19.5.2015 and border direction BULGARIA-SERBIA(100%) started." (Timestamp: 18.5.2015 09:00:06)
- Message 7: "Submitting of bids for daily auction for day 19.5.2015 and border direction SERBIA-ROMANIA(100%) started." (Timestamp: 18.5.2015 09:00:06)
- Message 8: "ATC for daily auction for day 19.5.2015 and border direction ROMANIA-SERBIA(100%) published." (Timestamp: 18.5.2015 09:00:05)
- Message 9: "ATC for daily auction for day 19.5.2015 and border direction HUNGARY-SERBIA(100%) published." (Timestamp: 18.5.2015 09:00:05)

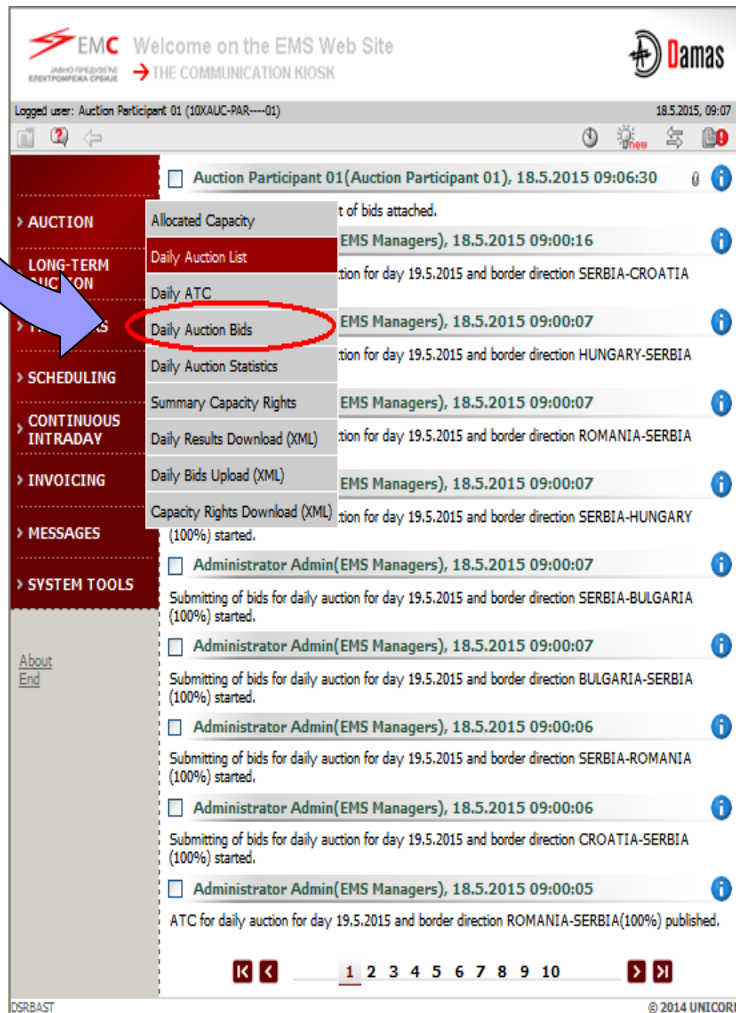
Two messages are circled in red: the first message (SERBIA-CROATIA) and the seventh message (SERBIA-ROMANIA). The left sidebar contains navigation options: AUCTION, LONG-TERM AUCTION, TRANSFERS, SCHEDULING, CONTINUOUS INTRADAY, INVOICING, MESSAGES, and SYSTEM TOOLS. The bottom of the page shows a pagination control with page numbers 1 through 10, and the footer contains "DSRBAST" and "© 2014 UNICORN".

Daily Auction List Preview

➤ Submitting Bids:

Directly through Daily Auction Bids Menu

➤ Selecting Daily Auction List Menu (choosing Bids button)



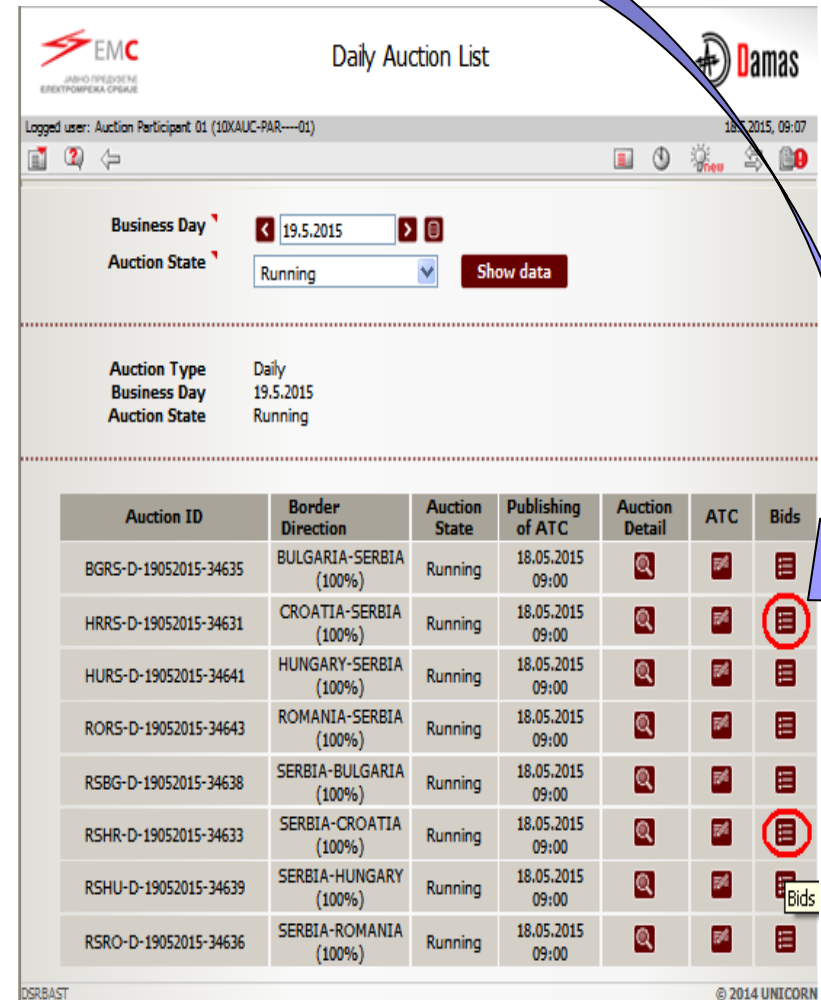
EMC Welcome on the EMS Web Site
Damas

Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:07

Auction Participant 01 (Auction Participant 01), 18.5.2015 09:06:30

- AUCTION
 - Allocated Capacity (100%) started.
 - Daily Auction List (100%) started.
 - Daily ATC (100%) started.
 - Daily Auction Bids (100%) started.**
 - Daily Auction Statistics (100%) started.
- SCHEDULING
 - Summary Capacity Rights (100%) started.
- CONTINUOUS INTRADAY
 - Daily Results Download (XML) (100%) started.
 - Daily Bids Upload (XML) (100%) started.
- INVOICING
 - Capacity Rights Download (XML) (100%) started.
- MESSAGES
 - Administrator Admin (EMS Managers), 18.5.2015 09:00:07
 - Administrator Admin (EMS Managers), 18.5.2015 09:00:07
 - Administrator Admin (EMS Managers), 18.5.2015 09:00:06
 - Administrator Admin (EMS Managers), 18.5.2015 09:00:06
 - Administrator Admin (EMS Managers), 18.5.2015 09:00:05
- SYSTEM TOOLS
 - Submitting of bids for daily auction for day 19.5.2015 and border direction SERBIA-BULGARIA (100%) started.
 - Submitting of bids for daily auction for day 19.5.2015 and border direction BULGARIA-SERBIA (100%) started.
 - Submitting of bids for daily auction for day 19.5.2015 and border direction SERBIA-ROMANIA (100%) started.
 - Submitting of bids for daily auction for day 19.5.2015 and border direction CROATIA-SERBIA (100%) started.
 - Submitting of bids for daily auction for day 19.5.2015 and border direction ROMANIA-SERBIA (100%) published.

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EMC Daily Auction List Damas

Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:07

Business Day: 19.5.2015

Auction State: Running **Show data**

Auction Type: Daily
Business Day: 19.5.2015
Auction State: Running

Auction ID	Border Direction	Auction State	Publishing of ATC	Auction Detail	ATC	Bids
BGRS-D-19052015-34635	BULGARIA-SERBIA (100%)	Running	18.05.2015 09:00			
HRRS-D-19052015-34631	CROATIA-SERBIA (100%)	Running	18.05.2015 09:00			
HURS-D-19052015-34641	HUNGARY-SERBIA (100%)	Running	18.05.2015 09:00			
RORS-D-19052015-34643	ROMANIA-SERBIA (100%)	Running	18.05.2015 09:00			
RSBG-D-19052015-34638	SERBIA-BULGARIA (100%)	Running	18.05.2015 09:00			
RSHR-D-19052015-34633	SERBIA-CROATIA (100%)	Running	18.05.2015 09:00			
RSHU-D-19052015-34639	SERBIA-HUNGARY (100%)	Running	18.05.2015 09:00			
RSRO-D-19052015-34636	SERBIA-ROMANIA (100%)	Running	18.05.2015 09:00			

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Submitting Bids

- Select Date and Border direction
- Enter wanted values
 - Bid Amount
 - Bid Price
- Click **Save**

- Deliver of new bid is possible through **Show data** button or by returning to Daily auction list or to Main menu and repeating steps from above.

Date

19.5.2015

Border Direction

SERBIA-CROATIA(100%)

Show data

Auction Participant:

Auction Participant 01

Date:

19.5.2015

Border Direction:

SERBIA-CROATIA(100%)

Bid Number:

10043175

Save

Hour	ATC [MW]	Bid Amount [MW]	Bid Price [EUR/MWh]	Hour
		↑ ↓	↑ ↓	
1.	127	30	1	1.
2.	127	30	1	2.
3.	127	30	1	3.
4.	127	30	1	4.
5.	127	30	1	5.
6.	127	30	1	6.
7.	127	30	1	7.
8.	127	15	.5	8.
9.	87	15	1.3	9.
10.	87	15	1	10.
11.	87	14	1.5	11.
12.	87	14	1.5	12.
13.	87	14	1.5	13.
14.	87	15	1	14.
15.	87	15	1	15.
16.	87	15	1	16.
17.	87	30	1	17.
18.	87	30	1	18.
19.	87	30	1	19.
20.	87	30	1	20.
21.	127	30	1	21.
22.	127	30	1.5	22.
23.	127	30	1.5	23.
24.	127	30	1.5	24.
Total	2568	582	26.8	

Save

Changing of Submitted Bid I

- Changing the existing bid is possible until choosing **Show data** button.
- Click **Save**
- After choosing **Show data**, it is possible to enter new bid.
- To perform cancelation of bid for the relevant hour, submit zero Bid Amount [MW] and zero Bid Price [EUR/MWh] (Bid Amount, Bid Price = 0, 0)

Date: 19.5.2015

Border Direction: SERBIA-CROATIA(100%) **Show data**

Auction Participant: Auction Participant 01
 Date: 19.5.2015
 Border Direction: SERBIA-CROATIA(100%)
 Bid Number: 10043175

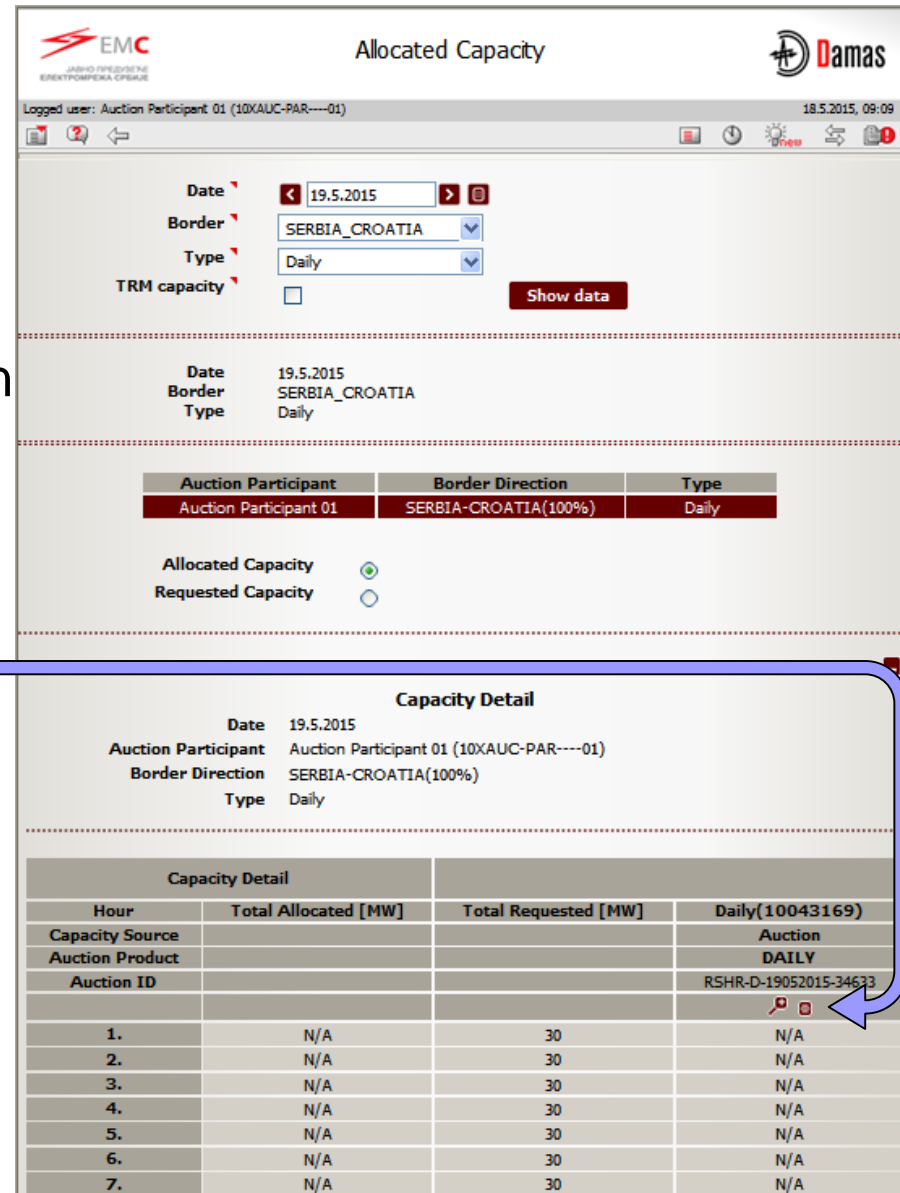
Save

Hour	ATC [MW]	Bid Amount [MW]	Bid Price [EUR/MWh]	Hour
		↕	↕	
1.	127	30	1	1.
2.	127	30	1	2.
3.	127	30	1	3.
4.	127	30	1	4.
5.	127	30	1	5.
6.	127	30	1	6.
7.	127	30	1	7.
8.	127	15	.5	8.
9.	87	15	1.3	9.
10.	87	15	1	10.
11.	87	14	1.5	11.
12.	87	14	1.5	12.
13.	87	14	1.5	13.
14.	87	30	1	14.
15.	87	30	1	15.
16.	87	30	1	16.
17.	87	30	1	17.
18.	87	30	1	18.
19.	87	30	1	19.
20.	87	30	1	20.
21.	127	30	1	21.
22.	127	30	1.5	22.
23.	127	30	1.5	23.
24.	127	30	1.5	24.
Total	2568	627	26.8	

Save

Changing of Submitted Bid II

- After exiting from bidding menu change of submitted bid is possible in **Allocated capacity** menu by:
 - Selecting Date, Border and Daily Type
 - Chosing Border Direction
 - Selecting Capacity adjustment



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ELEKTROMREŽA SRBIJE

Allocated Capacity

Damas

Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:09

Date: 19.5.2015

Border: SERBIA_CROATIA

Type: Daily

TRM capacity:

Show data

Date: 19.5.2015

Border: SERBIA_CROATIA

Type: Daily

Auction Participant	Border Direction	Type
Auction Participant 01	SERBIA-CROATIA(100%)	Daily

Allocated Capacity:

Requested Capacity:

Capacity Detail

Date: 19.5.2015

Auction Participant: Auction Participant 01 (10XAUC-PAR----01)

Border Direction: SERBIA-CROATIA(100%)

Type: Daily

Capacity Detail			
Hour	Total Allocated [MW]	Total Requested [MW]	Daily(10043169)
Capacity Source			Auction
Auction Product			DAILY
Auction ID			RSHR-D-19052015-34633
			<input type="checkbox"/>
1.	N/A	30	N/A
2.	N/A	30	N/A
3.	N/A	30	N/A
4.	N/A	30	N/A
5.	N/A	30	N/A
6.	N/A	30	N/A
7.	N/A	30	N/A

Changing of Submitted Bid II

Date: 19.5.2015

Border Direction: SERBIA-CROATIA(100%) Show data

Auction Participant: Auction Participant 01
 Date: 19.5.2015
 Border Direction: SERBIA-CROATIA(100%)
 Bid Number: 10043175

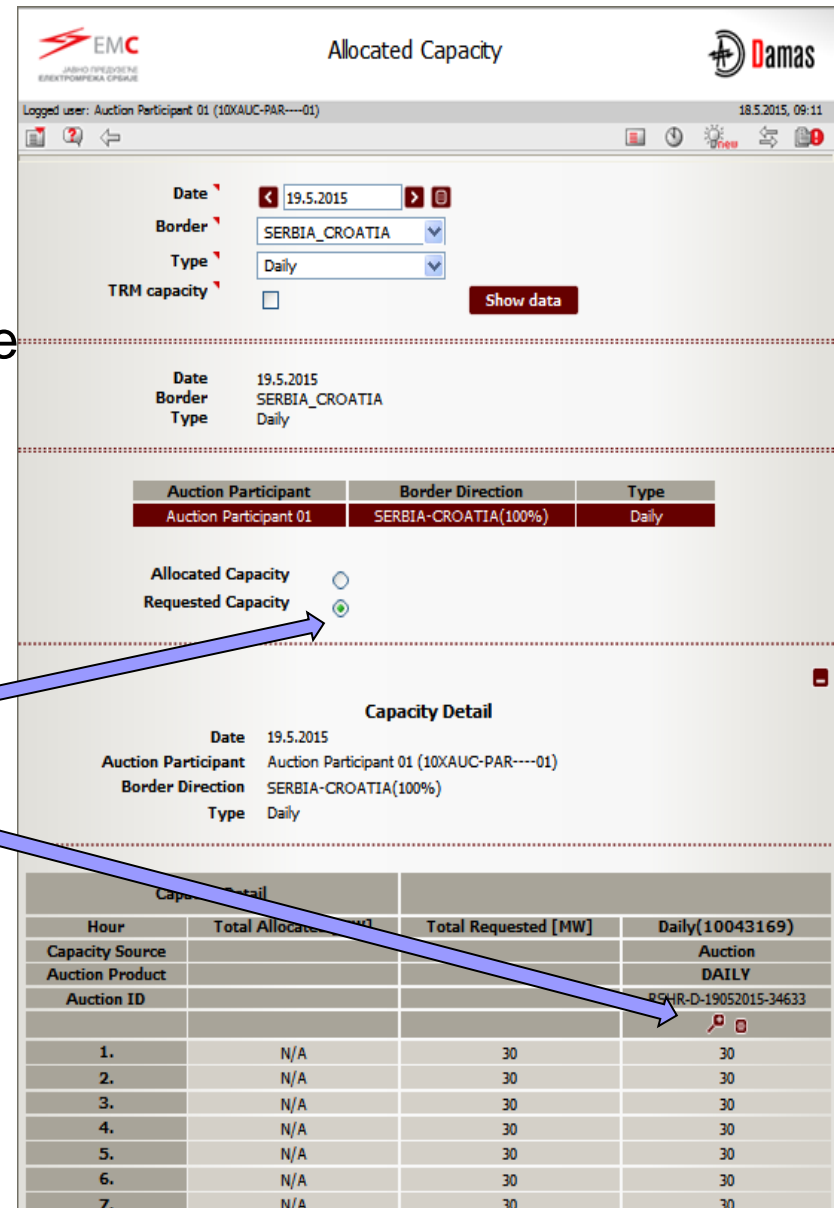
Save

Hour	ATC [MW]	Bid Amount [MW]	Bid Price [EUR/MWh]	Hour
		↕	↕	
1.	127	30	1	1.
2.	127	30	1	2.
3.	127	30	1	3.
4.	127	30	1	4.
5.	127	30	1	5.
6.	127	30	1	6.
7.	127	30	1	7.
8.	127	15	.5	8.
9.	87	15	1.3	9.
10.	87	15	1	10.
11.	87	14	1.5	11.
12.	87	14	1.5	12.
13.	87	14	1.5	13.
14.	87	30	1	14.
15.	87	30	1	15.
16.	87	30	1	16.
17.	87	30	1	17.
18.	87	30	1	18.
19.	87	30	1	19.
20.	87	30	1	20.
21.	127	30	1	21.
22.	127	30	1	22.
23.	127	30	1	23.
24.	127	30	1	24.
Total	2568	627	25.3	

Save

Alocated Capacity – Preview of Submitted Bids

- Preview of submitted bids is possible in **Allocated capacity** menu by:
 - Selecting Date, Border and Daily Type
 - Choosing Border Direction
 - Selecting Requested Capacity
 - Selecting Capacity Detail



EMC
ZAJEDNO PREDSTAVLJUJE
ELEKTROENERGETIČKI SUSTAV SRBIJE

Allocated Capacity

Damas

Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:11

Date 19.5.2015

Border SERBIA_CROATIA

Type Daily

TRM capacity

Show data

Date 19.5.2015

Border SERBIA_CROATIA

Type Daily

Auction Participant	Border Direction	Type
Auction Participant 01	SERBIA-CROATIA(100%)	Daily

Allocated Capacity

Requested Capacity

Capacity Detail

Date 19.5.2015

Auction Participant Auction Participant 01 (10XAUC-PAR----01)

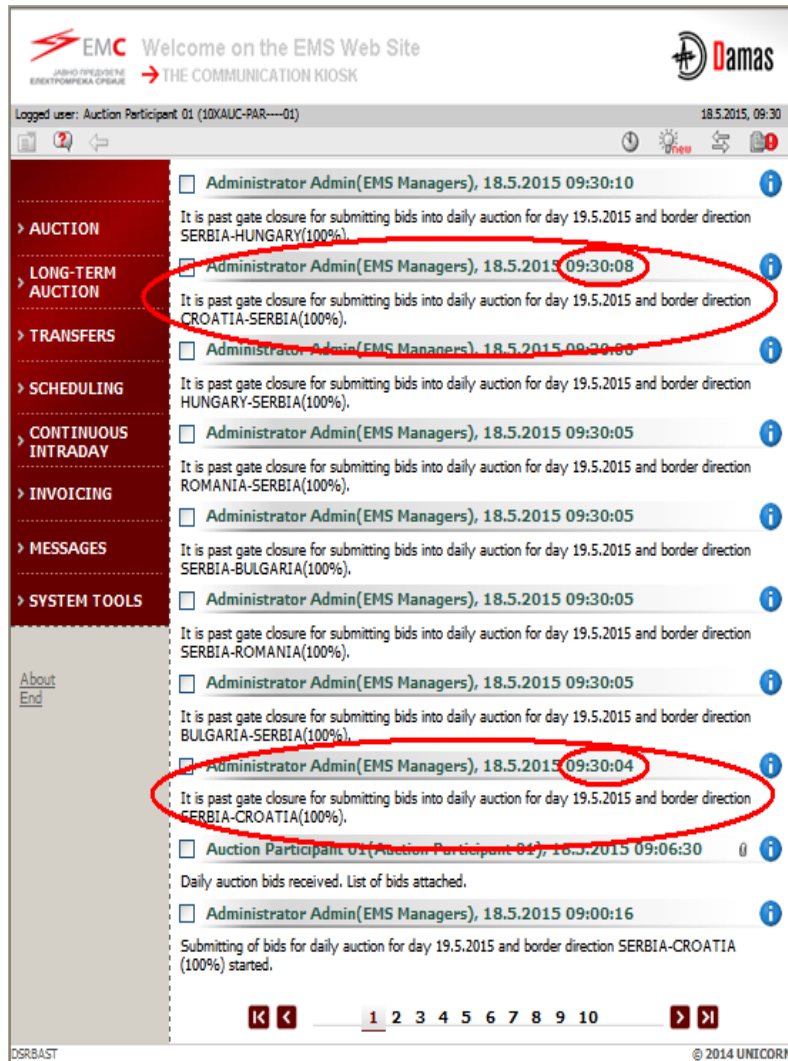
Border Direction SERBIA-CROATIA(100%)

Type Daily

Hour	Total Allocated [MW]	Total Requested [MW]	Daily(10043169)
Capacity Source			Auction
Auction Product			DAILY
Auction ID			BSHR-D-19052015-34633
1.	N/A	30	30
2.	N/A	30	30
3.	N/A	30	30
4.	N/A	30	30
5.	N/A	30	30
6.	N/A	30	30
7.	N/A	30	30

Gate Closure for Submitting Bids

- Submitting bids is not possible after 9:30.

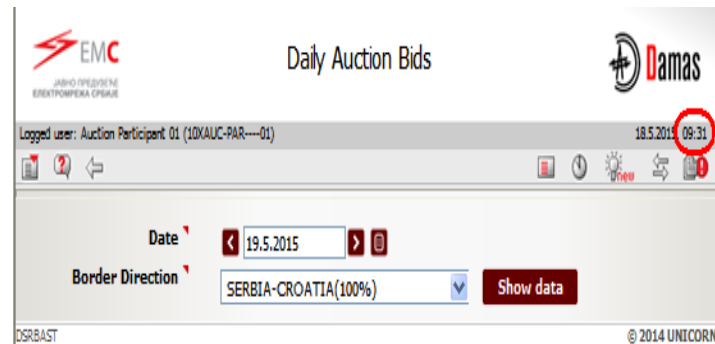


EMC Welcome on the EMS Web Site
→ THE COMMUNICATION KIOSK

Logged user: Auction Participant 01 (10KAUC-PAR---01) 18.5.2015, 09:30

- Administrator Admin(EMS Managers), 18.5.2015 09:30:10
It is past gate closure for submitting bids into daily auction for day 19.5.2015 and border direction SERBIA-HUNGARY(100%).
- Administrator Admin(EMS Managers), 18.5.2015 09:30:08
It is past gate closure for submitting bids into daily auction for day 19.5.2015 and border direction CROATIA-SERBIA(100%).
- Administrator Admin(EMS Managers), 18.5.2015 09:30:08
It is past gate closure for submitting bids into daily auction for day 19.5.2015 and border direction HUNGARY-SERBIA(100%).
- Administrator Admin(EMS Managers), 18.5.2015 09:30:05
It is past gate closure for submitting bids into daily auction for day 19.5.2015 and border direction ROMANIA-SERBIA(100%).
- Administrator Admin(EMS Managers), 18.5.2015 09:30:05
It is past gate closure for submitting bids into daily auction for day 19.5.2015 and border direction SERBIA-BULGARIA(100%).
- Administrator Admin(EMS Managers), 18.5.2015 09:30:05
It is past gate closure for submitting bids into daily auction for day 19.5.2015 and border direction SERBIA-ROMANIA(100%).
- Administrator Admin(EMS Managers), 18.5.2015 09:30:05
It is past gate closure for submitting bids into daily auction for day 19.5.2015 and border direction BULGARIA-SERBIA(100%).
- Administrator Admin(EMS Managers), 18.5.2015 09:30:04
It is past gate closure for submitting bids into daily auction for day 19.5.2015 and border direction SERBIA-CROATIA(100%).
- Auction Participant 01(Auction Participant 01), 18.5.2015 09:06:30
Daily auction bids received. List of bids attached.
- Administrator Admin(EMS Managers), 18.5.2015 09:00:16
Submitting of bids for daily auction for day 19.5.2015 and border direction SERBIA-CROATIA (100%) started.

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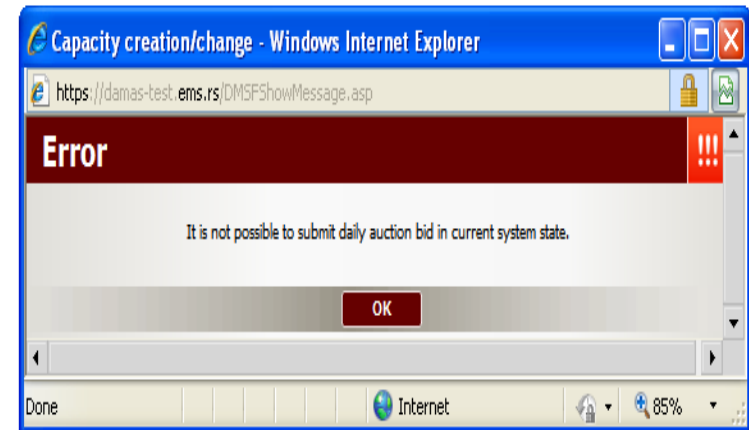
EMC Daily Auction Bids

Logged user: Auction Participant 01 (10KAUC-PAR---01) 18.5.2015 09:31

Date: 19.5.2015

Border Direction: SERBIA-CROATIA(100%) Show data

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Capacity creation/change - Windows Internet Explorer

https://damas-test.ems.rs/DMSFS showMessage.asp

Error

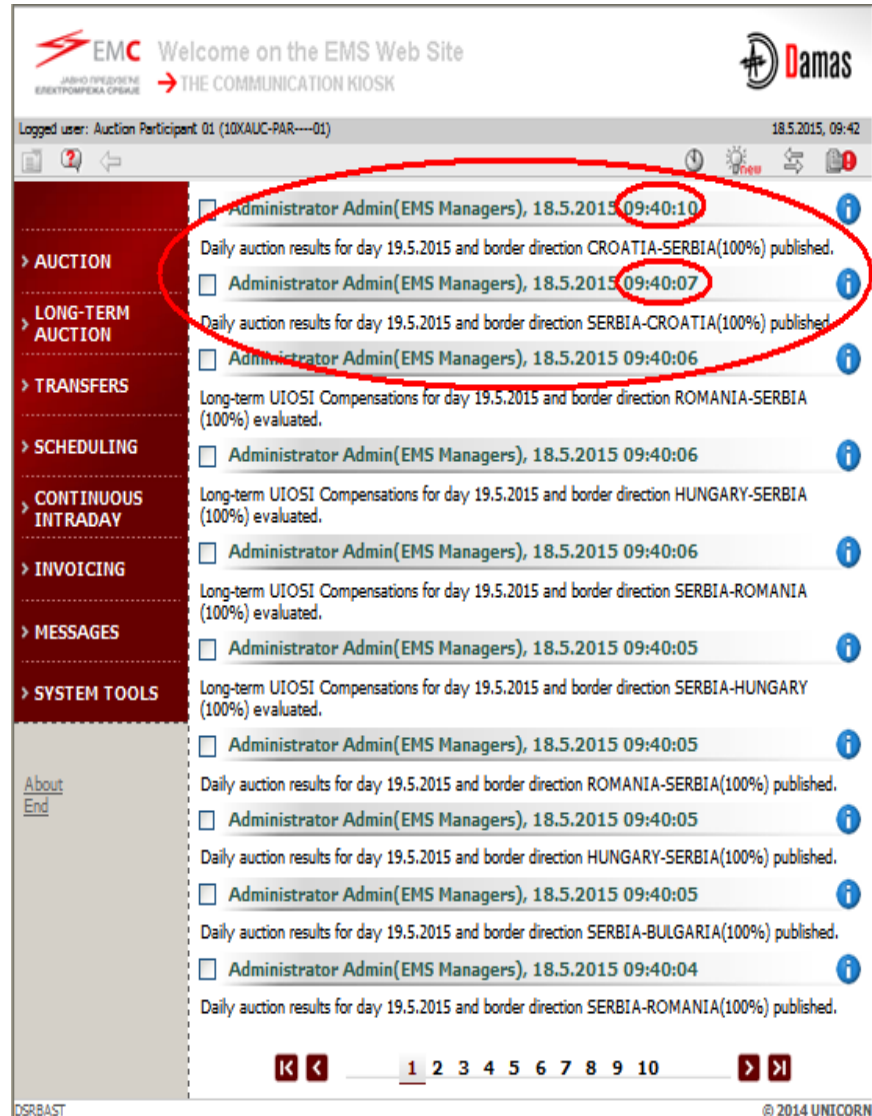
It is not possible to submit daily auction bid in current system state.

OK

Done Internet 85%


Daily Auction Results Publishing

- Daily auction results are published in DAMAS system at 9:40
- Daily auction results are published on EMS web-site at 10:15.




The screenshot shows the EMS Web Site interface. The top navigation bar includes the EMC logo, the text "Welcome on the EMS Web Site", and "THE COMMUNICATION KIOSK". The user is logged in as "Auction Participant 01 (10XAUC-PAR----01)" on 18.5.2015 at 09:42. A sidebar on the left contains menu items: AUCTION, LONG-TERM AUCTION, TRANSFERS, SCHEDULING, CONTINUOUS INTRADAY, INVOICING, MESSAGES, and SYSTEM TOOLS. The main content area displays a list of messages, with two entries circled in red: "Daily auction results for day 19.5.2015 and border direction CROATIA-SERBIA(100%) published." at 09:40:10 and "Daily auction results for day 19.5.2015 and border direction SERBIA-CROATIA(100%) published." at 09:40:07. At the bottom, there is a pagination control showing page 1 of 10.

Daily Auction Results - Preview of Allocated Capacity



Allocated Capacity



Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:09

Date: 19.5.2015
 Border: SERBIA_CROATIA
 Type: Daily
 TRM capacity:

Show data

Date: 19.5.2015
 Border: SERBIA_CROATIA
 Type: Daily


Auction Participant	Border Direction	Type
Auction Participant 01	SERBIA-CROATIA(100%)	Daily

Allocated Capacity:
 Requested Capacity:


Capacity Detail

Date: 19.5.2015
 Auction Participant: Auction Participant 01 (10XAUC-PAR----01)
 Border Direction: SERBIA-CROATIA(100%)
 Type: Daily

Capacity Detail			
Hour	Total Allocated [MW]	Total Requested [MW]	Daily(10043169)
Capacity Source			Auction
Auction Product			DAILY
Auction ID			RSHR-D-19052015-34633
			<input checked="" type="checkbox"/> <input type="checkbox"/>
1.	27	30	27
2.	27	30	27
3.	30	30	30
4.	30	30	30
5.	30	30	30
6.	30	30	30
7.	30	30	30



Capacity Detail



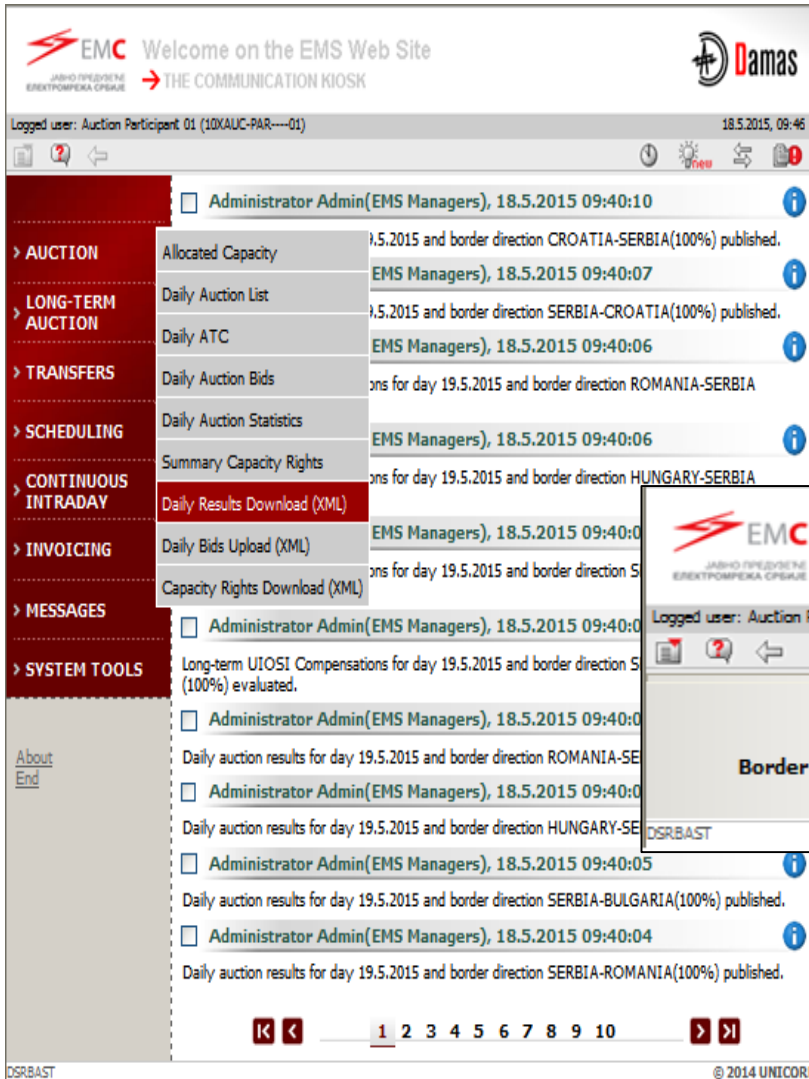
Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:44

Bid Number: 10043169
Auction Participant: Auction Participant 01 (10XAUC-PAR----01)
Date: 19.5.2015
Auction ID: RSHR-D-19052015-34633
Border Direction: SERBIA-CROATIA(100%)
Auction Product: DAILY

Hour	ATC [MW]	Bid Amount [MW]	Bid Price [EUR/MWh]	Allocated Capacity [MW]	Auction Price [EUR/MWh]	Bid Status	Hour
1.	127	30	1	27	1	✓	1.
2.	127	30	1	27	1	✓	2.
3.	127	30	1	30	0	✓	3.
4.	127	30	1	30	0	✓	4.
5.	127	30	1	30	0	✓	5.
6.	127	30	1	30	0	✓	6.
7.	127	30	1	30	0	✓	7.
8.	127	15	.5	15	0	✓	8.
9.	87	15	1.3	15	0	✓	9.
10.	87	15	1	15	0	✓	10.
11.	87	14	1.5	14	0	✓	11.
12.	87	14	1.5	14	0	✓	12.
13.	87	14	1.5	14	0	✓	13.
14.	87	30	1	30	0	✓	14.
15.	87	30	1	30	0	✓	15.
16.	87	30	1	30	0	✓	16.
17.	87	30	1	30	0	✓	17.
18.	87	30	1	30	0	✓	18.
19.	87	30	1	30	0	✓	19.
20.	87	30	1	30	0	✓	20.
21.	127	30	1	30	0	✓	21.
22.	127	30	1	30	0	✓	22.
23.	127	30	1	0	1.3	✗	23.
24.	127	30	1	0	1.3	✗	24.

Daily Auction Results – Download XML file

- Possibility to download ECAN XML file (Allocation Results Document) with daily auction results



EMC Welcome on the EMS Web Site
 JAVNO PREDUZEĆE ELEKTROMREŽA SRBIJE → THE COMMUNICATION KIOSK

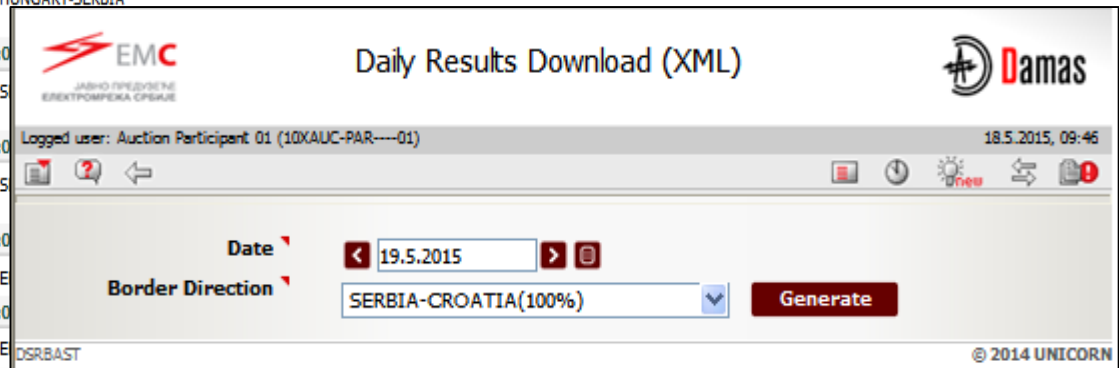
Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:46

Administrator Admin(EMS Managers), 18.5.2015 09:40:10

- AUCTION
 - Allocated Capacity 18.5.2015 and border direction CROATIA-SERBIA(100%) published.
- LONG-TERM AUCTION
 - Daily Auction List EMS Managers), 18.5.2015 09:40:07
 - Daily ATC 18.5.2015 and border direction SERBIA-CROATIA(100%) published.
- TRANSFERS
 - Daily Auction Bids EMS Managers), 18.5.2015 09:40:06
- SCHEDULING
 - Daily Auction Statistics EMS Managers), 18.5.2015 09:40:06
- CONTINUOUS INTRADAY
 - Summary Capacity Rights EMS Managers), 18.5.2015 09:40:06
 - Daily Results Download (XML)** EMS Managers), 18.5.2015 09:40:06
- INVOICING
 - Daily Bids Upload (XML) EMS Managers), 18.5.2015 09:40:06
- MESSAGES
 - Capacity Rights Download (XML) EMS Managers), 18.5.2015 09:40:06
- SYSTEM TOOLS
 - Long-term UIOSI Compensations for day 19.5.2015 and border direction S (100%) evaluated.

About
End

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EMC Daily Results Download (XML) Damos

Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:46

Date: 19.5.2015

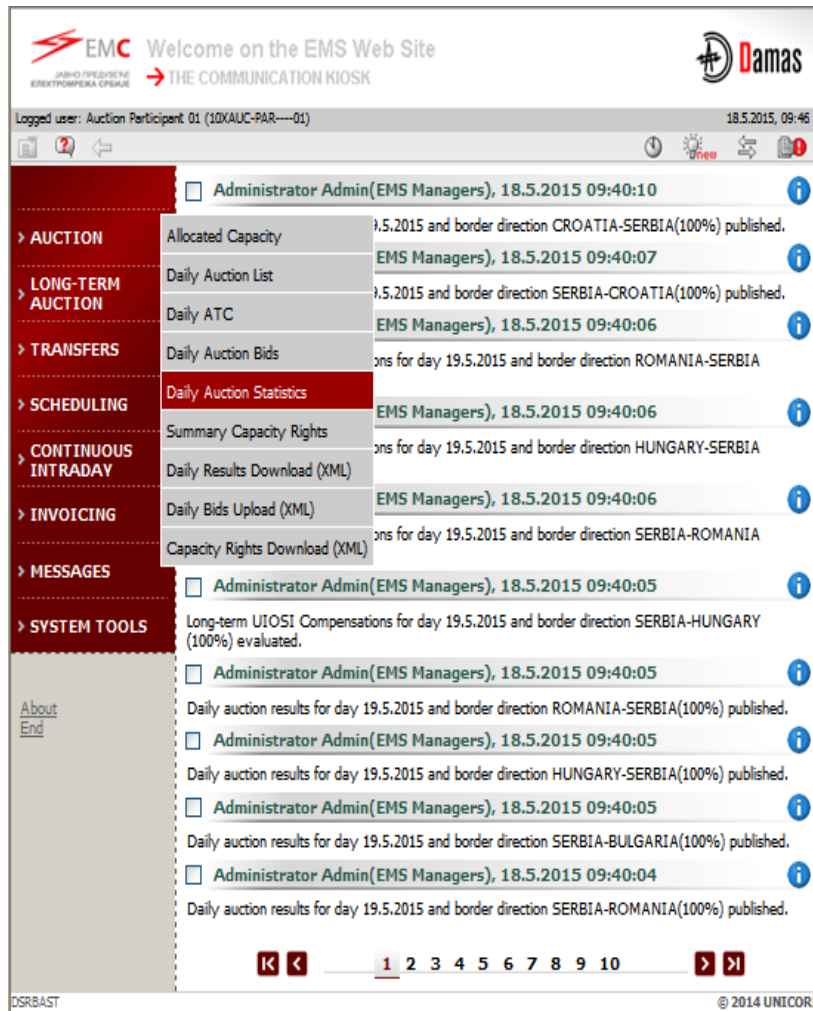
Border Direction: SERBIA-CROATIA(100%)

Generate

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Daily Auction Results – Public Results

➤ Preview of Daily Auction Statistics



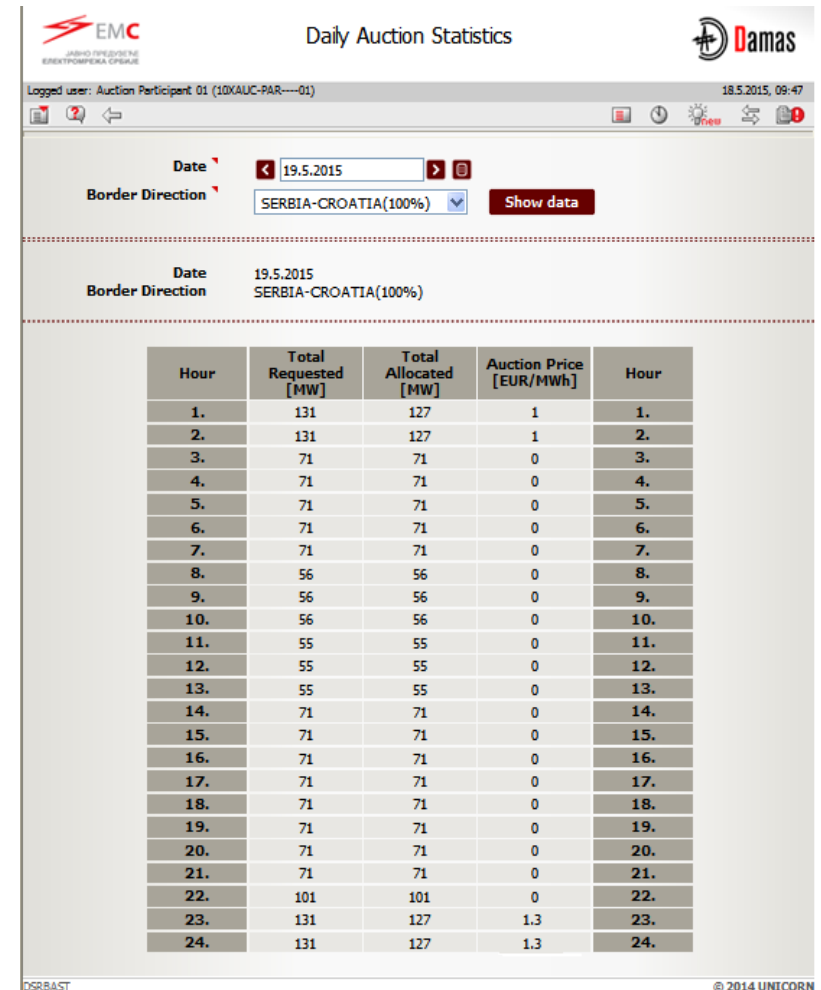
Welcome on the EMS Web Site
→ THE COMMUNICATION KIOSK

Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:46

- Administrator Admin(EMS Managers), 18.5.2015 09:40:10
- Allocated Capacity 18.5.2015 and border direction CROATIA-SERBIA(100%) published. EMS Managers), 18.5.2015 09:40:07
- Daily Auction List 18.5.2015 and border direction SERBIA-CROATIA(100%) published. EMS Managers), 18.5.2015 09:40:06
- Daily ATC 18.5.2015 and border direction ROMANIA-SERBIA(100%) published. EMS Managers), 18.5.2015 09:40:06
- Daily Auction Bids 18.5.2015 and border direction ROMANIA-SERBIA(100%) published. EMS Managers), 18.5.2015 09:40:06
- Daily Auction Statistics** 18.5.2015 and border direction ROMANIA-SERBIA(100%) published. EMS Managers), 18.5.2015 09:40:06
- Summary Capacity Rights 18.5.2015 and border direction HUNGARY-SERBIA(100%) published. EMS Managers), 18.5.2015 09:40:06
- Daily Results Download (XML) 18.5.2015 and border direction HUNGARY-SERBIA(100%) published. EMS Managers), 18.5.2015 09:40:06
- Daily Bids Upload (XML) 18.5.2015 and border direction SERBIA-ROMANIA(100%) published. EMS Managers), 18.5.2015 09:40:06
- Capacity Rights Download (XML) 18.5.2015 and border direction SERBIA-ROMANIA(100%) published. EMS Managers), 18.5.2015 09:40:06
- Administrator Admin(EMS Managers), 18.5.2015 09:40:05
- Administrator Admin(EMS Managers), 18.5.2015 09:40:05
- Administrator Admin(EMS Managers), 18.5.2015 09:40:05
- Administrator Admin(EMS Managers), 18.5.2015 09:40:05
- Administrator Admin(EMS Managers), 18.5.2015 09:40:04
- Administrator Admin(EMS Managers), 18.5.2015 09:40:04
- Administrator Admin(EMS Managers), 18.5.2015 09:40:04
- Administrator Admin(EMS Managers), 18.5.2015 09:40:04

Navigation: 1 2 3 4 5 6 7 8 9 10

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Daily Auction Statistics

Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:47

Date: 19.5.2015

Border Direction: SERBIA-CROATIA(100%) **Show data**

Date: 19.5.2015
Border Direction: SERBIA-CROATIA(100%)

Hour	Total Requested [MW]	Total Allocated [MW]	Auction Price [EUR/MWh]	Hour
1.	131	127	1	1.
2.	131	127	1	2.
3.	71	71	0	3.
4.	71	71	0	4.
5.	71	71	0	5.
6.	71	71	0	6.
7.	71	71	0	7.
8.	56	56	0	8.
9.	56	56	0	9.
10.	56	56	0	10.
11.	55	55	0	11.
12.	55	55	0	12.
13.	55	55	0	13.
14.	71	71	0	14.
15.	71	71	0	15.
16.	71	71	0	16.
17.	71	71	0	17.
18.	71	71	0	18.
19.	71	71	0	19.
20.	71	71	0	20.
21.	71	71	0	21.
22.	101	101	0	22.
23.	131	127	1.3	23.
24.	131	127	1.3	24.

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Submitting Bids via .XML File



Submitting Daily Bids via XML

- One daily auction = One Border Direction = One XML file
- It is not possible to submit one xml for both directions

EMC Welcome on the EMS Web Site
Damas

Logged user: Auction Participant 01 (10XAUC-PAR----01) 18.5.2015, 09:25

Administrator Admin(EMS Managers), 18.5.2015 09:40:10

Allocated Capacity 18.5.2015 and border direction CROATIA-SERBIA(100%) published.

Daily Auction List EMS Managers), 18.5.2015 09:40:07

Daily ATC 18.5.2015 and border direction SERBIA-CROATIA(100%) published.

Daily Auction Bids EMS Managers), 18.5.2015 09:40:07

Daily Auction Statistics EMS Managers), 18.5.2015 09:40:07

Summary Capacity Rights EMS Managers), 18.5.2015 09:40:07

Daily Results Download (XML) EMS Managers), 18.5.2015 09:40:07

Daily Bids Upload (XML) EMS Managers), 18.5.2015 09:40:07

Capacity Rights Download (XML) EMS Managers), 18.5.2015 09:40:07

Administrator Admin(EMS Managers), 18.5.2015 09:40:05

Long-term UIOSI Compensations for day 19.5.2015 and border direction ROMANIA-SERBIA(100%) evaluated.

Administrator Admin(EMS Managers), 18.5.2015 09:40:05

Daily auction results for day 19.5.2015 and border direction ROMANIA-SERBIA(100%) published.

Administrator Admin(EMS Managers), 18.5.2015 09:40:05

Daily auction results for day 19.5.2015 and border direction HUNGARY-SERBIA(100%) published.

Administrator Admin(EMS Managers), 18.5.2015 09:40:05

Daily auction results for day 19.5.2015 and border direction SERBIA-BULGARIA(100%) published.

Administrator Admin(EMS Managers), 18.5.2015 09:40:04

Daily auction results for day 19.5.2015 and border direction SERBIA-ROMANIA(100%) published.

Upload XML file Browse...

OK

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Submitting bids via XML

- One Bid = one TimeSeries in .XML file
- Adding additional bid(s) : .XML must contain previous bid (existing TimeSeries) and new TimeSeries (for new Bid(s))
- Maximum Ten (10) bids can be submitted in one .XML file (e.g. ten TimeSeries for ten Bids)
- **”Document Identification”** in .XML file must be same as in first successfully submitted .xml file for that border direction.
- **”Document Identification”** in .XML must be different for separate auctions

- Every time when new bid is added through web form Bid Document Version will be automatically increased.
- Changing of delivered bid via XML is possible by
 - selecting Capacity adjustment button (Allocated Capacity menu; Bid Document Version will be automatically increased)
 - uploading new .xml file with modified values ("**DocumentVersion**" must be increased)
- Adding new bid after submitting .xml file is possible through
 - web form
 - .xml by adding new 24 hours time series (rest of time series must be contained in .xml file, Document version must be increased).
- Delivering new bid via .xml file with previously added bid(s) via web form is possible only if .xml file contains bid(s) added through web form. In that case (when creating new .xml file):
 - "**BidIdentification**" for submitted bid(s) via web form must be same as Bid Number from DAMAS system
 - "**DocumentVersion**" must be increased counting .xml version and added bid(s) through web form

XML preview for daily auction for 25.12.2012.

DocumentIdentification: Anything, Not allowed to change during one daily auction

DocumentVersion: When new time series is added, Version must be increased.

SenderIdentification: Participant's EIC code

DateTime of .XML creation

BidTimeInterval for day D: D-1 23:00 / D 23:00 (CE Winter Time) or D-1 22:00 / D 22:00 (CE Summer Time)

SubjectParty: Participant's EIC code

Auction ID for desired Auction (from DAMAS system)

BidTimeInterval for day D: D-1 23:00 / D 23:00 (CE Winter Time) or D-1 22:00 / D 22:00 (CE Summer Time)

Bids – Pos. (Hour), Qty (Bid amount), Price Amount (Bid Price)

```

1 <BidDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:nc="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="../../schema/bid-document.xsd" DtdVersion="2" DtdRelease="0">
2   <DocumentIdentification v="A24_34X-APARTICIP-01_19543"/>
3   <DocumentVersion v="1"/>
4   <DocumentType v="A24"/>
5   <SenderIdentification codingScheme="A01" v="34X-APARTICIP-01"/>
6   <SenderRole v="A29"/>
7   <ReceiverIdentification codingScheme="A01" v="10XCS-SERBIATSO8"/>
8   <ReceiverRole v="A07"/>
9   <CreationDateTime v="2015-05-18T09:07:47Z"/>
10  <BidTimeInterval v="2015-05-18T22:00Z/2015-05-19T22:00Z"/>
11  <Domain v="10YCS-SERBIATSOV" codingScheme="A01"/>
12  <SubjectParty v="34X-APARTICIP-01" codingScheme="A01"/>
13  <SubjectRole v="A29"/>
14  <BidTimeSeries>
15    <BidIdentification v="1"/>
16    <AuctionIdentification v="RSHR-D-19052015-34633"/>
17    <BusinessType v="A03"/>
18    <InArea codingScheme="A01" v="10YHR-HEP-----M"/>
19    <OutArea codingScheme="A01" v="10YCS-SERBIATSOV"/>
20    <MeasureUnitQuantity v="MAW"/>
21    <Currency v="EUR"/>
22    <Measureunitprice v="MWH"/>
23    <Divisible v="A01"/>
24    <BlockBid v="A02"/>
25    <Period>
26      <TimeInterval v="2015-05-18T22:00Z/2015-05-19T22:00Z"/>
27      <Resolution v="PT60M"/>
28      <Interval>
29        <Pos v="1"/>
30        <Qty v="12.0"/>
31        <PriceAmount v="2.00"/>
32      </Interval>
33      <Interval>
34        <Pos v="2"/>
35        <Qty v="12.0"/>
36        <PriceAmount v="2.00"/>
37      </Interval>
38      .....
39      <Interval>
40        <Pos v="23"/>
41        <Qty v="12.0"/>
42        <PriceAmount v="2.00"/>
43      </Interval>
44      <Interval>
45        <Pos v="24"/>
46        <Qty v="12.0"/>
47        <PriceAmount v="2.00"/>
48      </Interval>
49    </Period>
50 </BidTimeSeries>
  
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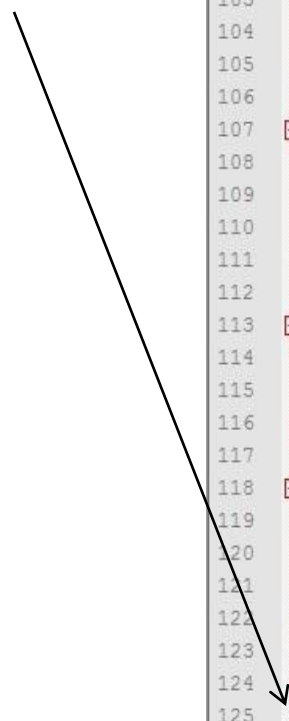
■ Second bid

```
51 <BidTimeSeries>
52   <BidIdentification v="2"/>
53   <AuctionIdentification v="RSHR-D-19052015-34633"/>
54   <BusinessType v="A03"/>
55   <InArea codingScheme="A01" v="10YHR-HEP-----M"/>
56   <OutArea codingScheme="A01" v="10YCS-SERBIATSOV"/>
57   <MeasureUnitQuantity v="MAW"/>
58   <Currency v="EUR"/>
59   <Measureunitprice v="MWH"/>
60   <Divisible v="A01"/>
61   <BlockBid v="A02"/>
62   <Period>
63     <TimeInterval v="2015-05-18T22:00Z/2015-05-19T22:00Z"/>
64     <Resolution v="PT60M"/>
65     <Interval>
66       <Pos v="1"/>
67       <Qty v="30.0"/>
68       <PriceAmount v="4.50"/>
69     </Interval>
70     <Interval>
71       <Pos v="2"/>
72       <Qty v="30.0"/>
73       <PriceAmount v="4.50"/>
74     </Interval>
75     .....
76     <Interval>
77       <Pos v="23"/>
78       <Qty v="30.0"/>
79       <PriceAmount v="4.50"/>
80     </Interval>
81     <Interval>
82       <Pos v="24"/>
83       <Qty v="30.0"/>
84       <PriceAmount v="4.50"/>
85     </Interval>
86   </Period>
87 </BidTimeSeries>
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■ Third bid

Last row in .xml file



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88 <BidTimeSeries>
89   <BidIdentification v="3"/>
90   <AuctionIdentification v="RSHR-D-19052015-34633"/>
91   <BusinessType v="A03"/>
92   <InArea codingScheme="A01" v="10YHR-HEP-----M"/>
93   <OutArea codingScheme="A01" v="10YCS-SERBIATSOV"/>
94   <MeasureUnitQuantity v="MAW"/>
95   <Currency v="EUR"/>
96   <Measureunitprice v="MWH"/>
97   <Divisible v="A01"/>
98   <BlockBid v="A02"/>
99   <Period>
100     <TimeInterval v="2015-05-18T22:00Z/2015-05-19T22:00Z"/>
101     <Resolution v="PT60M"/>
102     <Interval>
103       <Pos v="1"/>
104       <Qty v="13.0"/>
105       <PriceAmount v="4.00"/>
106     </Interval>
107     <Interval>
108       <Pos v="2"/>
109       <Qty v="13.0"/>
110       <PriceAmount v="4.00"/>
111     </Interval>
112     .....
113     <Interval>
114       <Pos v="23"/>
115       <Qty v="13.0"/>
116       <PriceAmount v="4.00"/>
117     </Interval>
118     <Interval>
119       <Pos v="24"/>
120       <Qty v="13.0"/>
121       <PriceAmount v="4.00"/>
122     </Interval>
123   </Period>
124 </BidTimeSeries>
125 </BidDocument>
```



**THANKS FOR YOUR
ATTENTION**