

**USER MANUAL**  
**OF WORKING WITH USER PART OF THE APPLICATION**  
**AUCTION OF CROSS-BORDER CAPACITIES**

2012 years

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## **1 Description of the contents of the public part of the application**

Application „Auction of cross-border capacities“ is set on the web site

<http://aukcijaatc.mepso.com.mk>.

With loading the page you will probably notice that it composed of a title, content and footer of the page. Title and footer are constant and displayed by each content in the public part of the application. In the footer entered address and contact information of MEPSO. The title contains links to all contents of the application (home, auctions, auction rules, EIC Code, contact) and login link.

### **1.1 Home**

By clicking on the link “Home” will always return to the first page of the application. The first page has two parts, the left part contents short announcements from some content that the administrator of the application shall publish from any character and by pressing the “more” that is located under each summary you can read the full text, while the right part content links to the next and finished auctions, and links to other web sites that are of yours interest.

### **1.2 Auctions**

Link Auctions will take you to the page which displays links to all following auctions that are defined in the system and all completed, finished auctions. By pressing on one of these links will load a page with all necessary information for the coming and for the finished auctions.

### **1.3 Auction rules**

This link will show you the auction rules for each type of auction (annual, monthly and weekly). Through this page, you can download rules in .pdf document and request as .doc file.

## 1.4 EIC Code

Through this link we will switch over to the side of MEPSO where are given all details about EIC code.

## 1.5 Contact

On this page you can view the main contacts for the auction of cross-border capacity.



## 2 How to login to the private part of the application

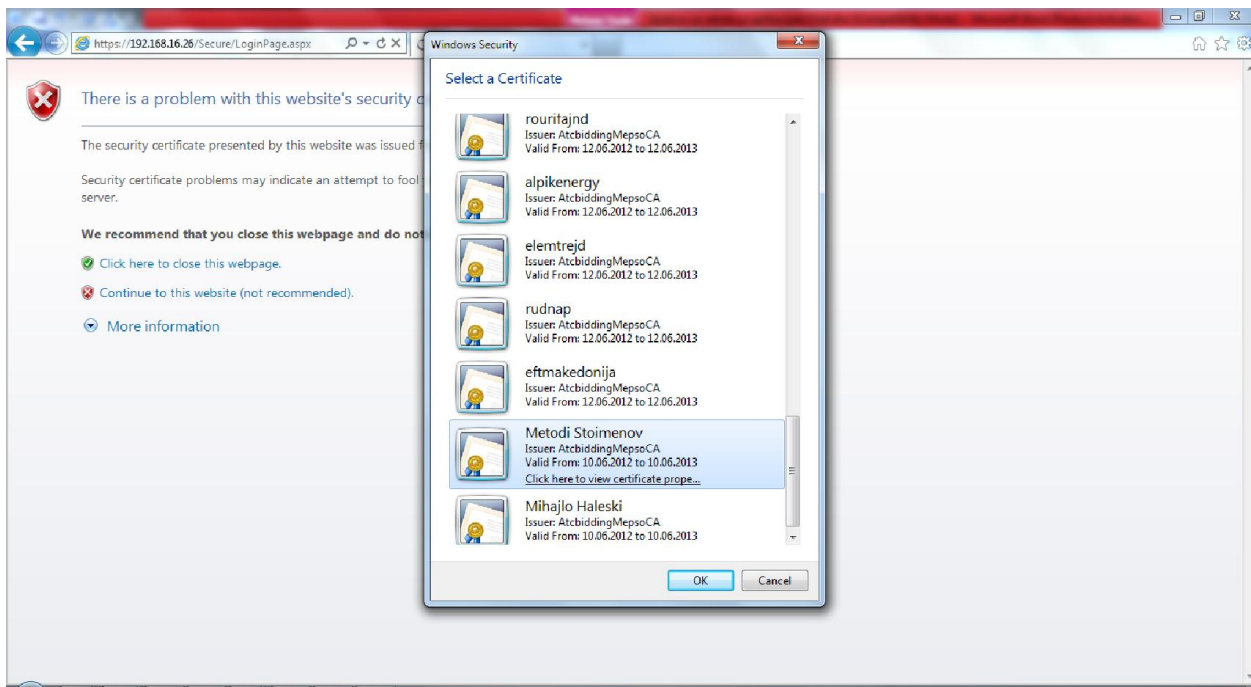
In the upper right part of the title of the application has a link to login to the private part of the application, i.e. in the part where you can participate in the auction of cross-border capacities.

To access the private part of the application requires a digital certificate of token issued by MEPS and connected to your computer, otherwise the link will not work, simply the page will not load, access will be denied.

All necessary information for installation and configuration of tokens can be found at the following link <https://aukcijaatc.mepso.com.mk/PublicPage/Help.aspx>

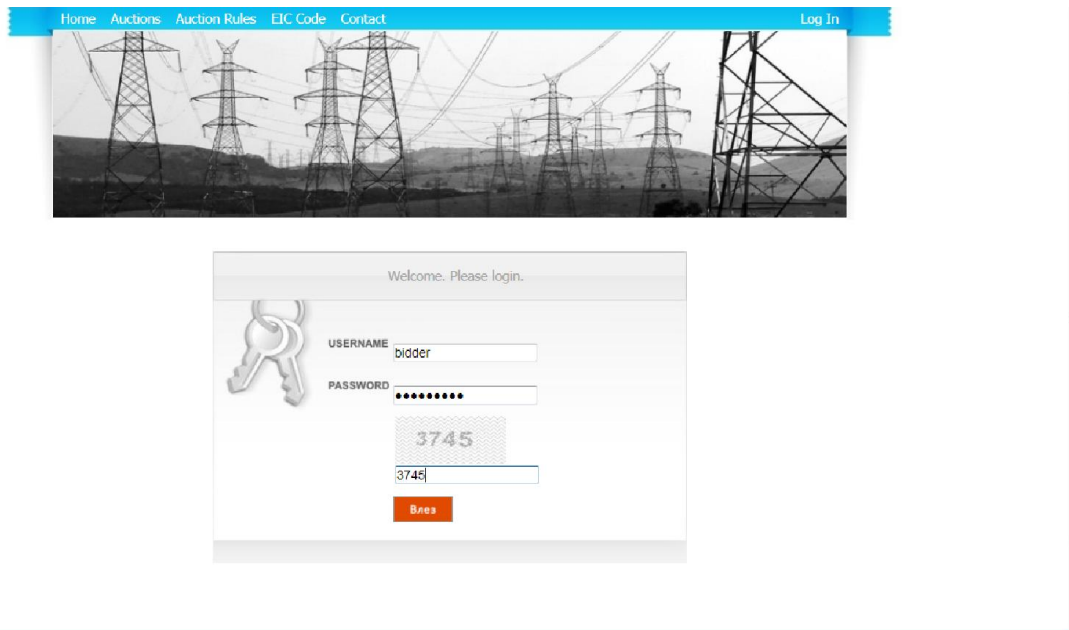
## 2.1 Log in

First of all, "USB" token issued by MEPSO must put into the computer and than pressed the link "LogIn".



Page is loading and in it you should entered the username and password and number that appears over the image field. Then by pressing on button "Login" you enter into a private part of the application.

User, which login for the first time in the application, is advisable to change the password that is assigned by MEPSO.



## 2.2 Work environment for the user

By logging the user in the private part of the application, loads a new work environment, different from the public part. From the left side, there is menu where exist button "Dashboard" which serves to position on the first page on private part of the application.

In the middle of the page there are buttons for Auction, Capacities and Password.



## 2.3 Change password

To change the password, first click the button for the password and then will be load page where you can change password. To change the password must type twice the password. For successfully change password, the system will return message that the password is changed.



### 3 Submission of a bid

By pressing the button offer, you enter into the area where, during the auction, submit yours offers.

If during the logon of the user is not held auction of cross-board capacity, then on this page is displayed information of the next auction.



If in the time when user logon maintained auction of cross-border capacities, then loads the page on which the user can leave their offers.

The screenshot shows the MEPSO bidding interface. At the top, it says 'Welcome: bidder' and 'MK Struja' with a 'Change password' link. A 'LOG OUT' button is in the top right. The main header indicates 'Bidding for: Juni\_2012-1, Annual auction. Ends at: 21:31:00'. A timer shows '00:15:23' and 'No bids yet.' Below this, there are two sections for bidding directions:

**Ponudi za granica: MKBG (R.Makedonija - R.Bugarija)**  
 Pravec: BGMK (od Bugarija kon Makedonija)

	01.06	1	30.06
	50		
	Max 10 MW per portion		
	MW	MWh/Euro	
BGMK1-1	0	0.0	
BGMK1-2	0	0.0	
BGMK1-3	0	0.0	
BGMK1-4	0	0.0	
BGMK1-5	0	0.0	
BGMK1-6	0	0.0	
BGMK1-7	0	0.0	
BGMK1-8	0	0.0	
BGMK1-9	0	0.0	
BGMK1-10	0	0.0	

**Ponudi za granica: MKRS (R.Makedonija - R.Srbija)**  
 Pravec: RSMK (od Srbija kon Makedonija)

	01.06	1	10.06	11.06	2	30.06
	225		125		30.06	
	Max 10 MW per portion		Max 20 MW per portion			
	MW	MWh/Euro		MW	MWh/Euro	
RSMK1-1	0	0.0		RSMK2-1	0.0	
RSMK1-2	0	0.0		RSMK2-2	0.0	
RSMK1-3	0	0.0		RSMK2-3	0.0	
RSMK1-4	0	0.0		RSMK2-4	0.0	

It should be noted that at one point can be maintained only one type of auction, an annual, monthly or weekly. Also, at one moment can be maintained one and only one auction.

Depending of the parameters of the auction depends and the layout page i.e. for every border and direction there is one table and those tables are generated dynamically depending of the defined periods and maximum number of portions. The tables are arranged one above the other for each direction and each of them has parameters in the header.

The product that is the goal of the auction is "Available Transfer Capacity" (hereinafter referred as "ATC").

The form itself has the time which expires, i.e. it shows how much time remains for placing bids.

The auction is executed simultaneously on all borders and all directions and the bidder **can** submit a bid for all offered "ATC" by borders and directions. By pressing the button "Save" is stored supply. **As one bid shall be considered all submitted and recorded "ATC" and "prices" of portions of all borders and directions.**



Welcome: bidder  
MK Struja  
[Change password](#)

LOG OUT

Bidding for: Juni\_2012-1, Annual auction. Ends at: 21:31:00

Bidding History  
No bids yet.

Ponudi za granica: MKBG (R.Makedonija - R.Bugarija)  
Pravec: BGMK (od Bugarija kon Makedonija)

01.06		30.06	
50		30.06	
Max 10 MW per portion			
MW	MWh/Euro	MW	MWh/Euro
BGMK1-1	10	5.0	
BGMK1-2	10	4.9	
BGMK1-3	10	4.0	
BGMK1-4	0	0.0	
BGMK1-5	0	0.0	
BGMK1-6	0	0.0	
BGMK1-7	0	0.0	
BGMK1-8	0	0.0	
BGMK1-9	0	0.0	
BGMK1-10	0	0.0	

Ponudi za granica: MKRS (R.Makedonija - R.Srbija)  
Pravec: RSMK (od Srbija kon Makedonija)

01.06		10.06		11.06		30.06	
225		10.06		125		30.06	
Max 10 MW per portion				Max 20 MW per portion			
MW	MWh/Euro	MW	MWh/Euro	MW	MWh/Euro	MW	MWh/Euro
RSMK1-1	10	7.0		RSMK2-1	20	8.0	
RSMK1-2	10	6.0		RSMK2-2	5	5.0	
RSMK1-3	10	5.0		RSMK2-3	20	4.0	
RSMK1-4	10	4.0		RSMK2-4	0	0.0	

During the auction, the bidder may submit more bids, but in the evaluation process will be taken last registered version of the submitted bids.

The bidder at any moment of the time can see only his bids, but he did not see bids from the other bidders.

Welcome: bidder1  
ELKTRO DOOEL  
[Change password](#)

LOG OUT

Bidding for: Juni\_2012-1, Annual auction. Ends at: 21:31:00

Bidding History  
Last bid ar: 21:22:43, Bids: 1 [Bid number: 1 at 21:22:43](#)

Ponudi za granica: MKBG (R.Makedonija - R.Bugarija)  
Pravec: BGMK (od Bugarija kon Makedonija)

01.06		30.06	
50		30.06	
Max 10 MW per portion			
MW	MWh/Euro	MW	MWh/Euro
BGMK1-1	10	7.0	
BGMK1-2	10	6.9	
BGMK1-3	10	6.8	
BGMK1-4	0	0.0	
BGMK1-5	0	0.0	
BGMK1-6	0	0.0	
BGMK1-7	0	0.0	
BGMK1-8	0	0.0	
BGMK1-9	0	0.0	
BGMK1-10	0	0.0	

Ponudi za granica: MKRS (R.Makedonija - R.Srbija)  
Pravec: RSMK (od Srbija kon Makedonija)

01.06		10.06		11.06		30.06	
225		10.06		125		30.06	
Max 10 MW per portion				Max 20 MW per portion			
MW	MWh/Euro	MW	MWh/Euro	MW	MWh/Euro	MW	MWh/Euro
RSMK1-1	10	5.0		RSMK2-1	5	6.0	
RSMK1-2	10	4.9		RSMK2-2	5	5.9	
RSMK1-3	10	4.0		RSMK2-3	0	0.0	
RSMK1-4	0	0.0		RSMK2-4	0	0.0	

In the right part of the screen, in the list will be displayed previous offer in the current auction and the bidder will be able at any moment to look at their offer without can change something in them.

**MEPSO** Welcome: bidder  
MK Struja

**Bid number: 1 at 21:17:38; Bidding for: Juni\_2012-1, Annual auction. Ends at: 21:31:00**

Pravec: BGMK (od Bugarija kon Makedonija)

1		
01.06	30.06	
50		
Max 10 MW per portion		
MW	MWh/Euro	
BGMK1-1	10	5.0
BGMK1-2	10	4.9
BGMK1-3	10	4.0

Pravec: RSMK (od Srbija kon Makedonija)

1			2		
01.06	10.06		11.06	30.06	
225			125		
Max 10 MW per portion			Max 20 MW per portion		
MW	MWh/Euro		MW	MWh/Euro	
RSMK1-1	10	7.0	RSMK2-1	20	8.0
RSMK1-2	10	6.0	RSMK2-2	5	5.0
RSMK1-3	10	5.0	RSMK2-3	20	4.0
RSMK1-4	10	4.0			

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On this form, bidder can leave data only for energy quantity in MW and price in € (euro/MWh) for each portion separately.

Each portion is identified with label of direction and number of period and sequence number. Offered capacity in one portion is an integer number, started from and cannot be 0 MW, and the upper limit is determined by defining of portions at defining the auction.

The entry price for the portion is with one decimal place.

The difference in prices between two portions that refer to the same border and direction should be at least 0.1 €.

The system does not accept portions of the same price for the same border and directions by the same bidder and does not accept portion with price 0 €.

The bidder offered prices must submit in descending order for a particular direction, and in other case the system itself make correction during input prices from bidder i.e. **if you enter a higher price for the next portion** the system will change the price and would insert **price for 0.1 less than the previous**.

Until they expire estimated time user can stay offers.

After finished the time provided for leaving bids, the system will automatically discard all users i.e. the page for leaving the offers will no longer be available.

The screenshot shows the MEPSO web application interface. At the top left is the MEPSO logo. To its right, it says "Welcome: bidder1" and "ELKTRO DOOEL" with a "Change password" link. In the top right corner, there is a "LOG OUT" button. A dark blue sidebar on the left contains a "Menu" with links for "Dashboard", "Finished auctions", and "Allocation results". The main content area is titled "Auction bidding data" and displays the following information:

Auction: Juni\_2012-1  
Auction type: Annual  
For period: 01.06.2012 - 30.06.2012  
Number of participants: 20  
Held on: 13.06.2012

Bidding History  
[Bid number: 3 at 21:24:11](#)  
[Bid number: 2 at 21:23:34](#)  
[Bid number: 1 at 21:22:43](#)

Auction bidding data:

Allocation unit (direction)	Allocation unit code	ATC offered by MEPSO	Period	Number of Auction Participants	Total requested capacity	Congestion
od Bugarija kon Makedonija	BGMKO		50 01.06.2012 30.06.2012 1		70	True
od Srbija kon Makedonija	RSMKO		225 01.06.2012 10.06.2012 1		70	False
od Srbija kon Makedonija	RSMKO		125 11.06.2012 30.06.2012 1		63	False

At the bottom of the page, there is a footer with the text: ©MEPSO, 2010, АД МЕПСО, Орце Николов 66, 1000 Скопје, Македонија, and contact information: Тел/Факс: +389 2 3238 213; +389 2 3149093; info@mepso.com.mk

## 4 Report for finished auctions

The report for results but only for its data can be seen in part of capacity.

Report for finished auctions can be seen in the public part of the application in the part auctions and choose the finished auction. By clicking on that link will display the results of the auction.

The screenshot displays the MEPSO website interface. The main content area is titled 'Auction allocation results' for the auction 'Jun1\_2012-1'. It includes a summary of auction details, a table of available transfer capacities (ATC), bidding results for ATC allocation, and a detailed table of allocation units. A small table at the bottom shows 'За мартата' (For March) with columns for 'Број' (Number), 'Претпријатие' (Company), 'EIC', 'Додатен капацитет (MW)' (Additional capacity), and 'EUR (5as /ДРВ)' (EUR (5as /DRW)).

**Auction details:**

- Name: Jun1\_2012-1
- Auction type: Annual
- Period: 01.06.2012 - 30.06.2012
- Date: 13.06.2012
- Start time: 20:41
- Duration: 44 minutes

**Available Transfer Capacities (ATC):**

Name	MW	Date from	Date to
BGMK1	50	01.06.2012	30.06.2012
RSPK1	225	01.06.2012	10.06.2012
RSPK2	125	11.06.2012	30.06.2012

**Bidding results:**

Auction results for ATC allocation

Auction: Jun1\_2012-1  
 Auction type: Annual  
 For period: 01.06.2012  
 30.06.2012  
 Number of participants: 2  
 Held on: 13.06.2012

Allocation unit (Direction)	Allocation unit code	ATC offered by MEPSO	Validity period	Total requested capacity	Total assigned capacity	Total number of auction parties	Number of accepted parties	Number of Auction Participants with Non Zero Allocated Capacity	Number of Bids	Competition	Marginal price
od Bugarija kon Makedonija	BGMK1	50	01.06.2012 30.06.2012	70	50	7	5	2	5	True	4.9
od Srbija kon Makedonija	RSPK1	225	01.06.2012 10.06.2012	70	70	7	7	2	5	False	0.0
od Srbija kon Makedonija	RSPK2	125	11.06.2012 30.06.2012	63	63	6	6	2	5	False	0.0

**Capacity:**

Auction	type of auction	Period	TSD	Trader	EIC	Direction	capacity
Jun1_2012-1	Annual	01.06.2012 30.06.2012	MEPSO	ELKTRO DOOEL	EIC88008	BGMK1	30
Jun1_2012-1	Annual	01.06.2012 10.06.2012	MEPSO	ELKTRO DOOEL	EIC88008	RSPK1	30
Jun1_2012-1	Annual	11.06.2012 30.06.2012	MEPSO	ELKTRO DOOEL	EIC88008	RSPK2	10

**За мартата:**

Број	Претпријатие	EIC	Додатен капацитет (MW)	EUR (5as /ДРВ)
PS	ELKTRO DOOEL	EIC88008	30	105.840.00
PS	ELKTRO DOOEL	EIC88008	30	0.00
PS	ELKTRO DOOEL	EIC88008	10	0.00
				105.840.00

## 5 Preview old auctions

In this part users can preview historical information of the process of electronic bidding and the results of finished auctions.

The screenshot displays the MEPSO website interface showing a list of historical auctions. The table lists various auctions with columns for 'View', 'Name', 'Type', 'From', and 'To'. The footer contains contact information for MEPSO.

**Auctions:**

View	Name	Type	From	To
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	Test 2	Annual	01:01:0001	01:01:0001
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	Jun1 2012	Monthly	01:06:2012	30:06:2012
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	April 2012	Annual	01:04:2012	30:04:2012
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	20120709	Annual	01:01:0001	01:01:0001
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	MAY 2012	Annual	01:05:2012	31:05:2012
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	Jun1_Test	Monthly	01:06:2012	30:06:2012
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	TestBidders	Annual	13:06:2012	30:06:2012
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	Annual Auction	Annual	01:01:0001	01:01:0001
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	Jun1_2012-1	Annual	01:06:2012	30:06:2012
<a href="#">Bidding data</a> <a href="#">Allocation results</a>	Test Mixa	Annual	01:05:2012	31:05:2012

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Welcome: bidder1  
ELKTRO DOOEL  
Change password

LOG OUT

**Menu**

- Dashboard
- Finished auctions
- Allocation results

**Auction bidding data**

Auction: Juni\_2012-1  
Auction type: Annual  
For period: 01.06.2012 - 30.06.2012  
Number of participants: 20  
Held on: 13.06.2012

Bidding History  
[Bid number: 3 at 21:24:11](#)  
[Bid number: 2 at 21:23:34](#)  
[Bid number: 1 at 21:22:43](#)

Auction bidding data:

Allocation unit (direction)	Allocation unit code	ATC offered by MEPSO	Period	Number of Auction Participants	Total requested capacity	Congestion
od Bugarija kon Makedonija	BGMK0	50	01.06.2012-30.06.2012	1	70	True
od Srbija kon Makedonija	RSMK0	225	01.06.2012-10.06.2012	1	70	False
od Srbija kon Makedonija	RSMK0	125	11.06.2012-30.06.2012	1	63	False

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Welcome: bidder1  
ELKTRO DOOEL  
Change password

LOG OUT

**Menu**

- Dashboard
- Finished auctions
- Bidding data

**Auction allocation results**

Auction: Juni\_2012-1  
Name: Juni\_2012-1  
Auction type: Annual  
Period: 01.06.2012 - 30.06.2012  
Date: 13.06.2012  
Start time: 20:41  
Duration: 44 minutes.

Available Transfer Capacities (ATC)

Name	MW	Date from	Date to
BGMK1	50	01.06.2012	30.06.2012
RSMK1	225	01.06.2012	10.06.2012
RSMK2	125	11.06.2012	30.06.2012

Bidding results:  
Auction results for ATC allocation

Auction: Juni\_2012-1  
Auction type: Annual  
For period: 01.06.2012 - 30.06.2012  
Number of participants: 2  
Held on: 13.06.2012

Allocation unit (direction)	Allocation unit code	ATC offered by MEPSO	Validity period	Total requested capacity	Total accepted capacity	Total number of auction positions	Number of accepted positions	Number of Auction Participants With Non Zero Allocated Capacity	Number of Bids	Congestion	Marginal price
od Bugarija kon Makedonija	BGMK1	50	01.06.2012-30.06.2012	70	50	7	5	2	5	True	4.5
od Srbija kon Makedonija	RSMK1	225	01.06.2012-10.06.2012	70	70	7	7	2	5	False	0.0
od Srbija kon Makedonija	RSMK2	125	11.06.2012-30.06.2012	63	63	6	6	2	5	False	0.0

Capacity:

Auction	type of auction	Period	TSO	Trader	EIC	Direction	capacity
Juni_2012-1	Annual	01.06.2012 - 30.06.2012	MEPSO	ELKTRO DOOEL	EICR8008	BGMK1	20
Juni_2012-1	Annual	01.06.2012 - 10.06.2012	MEPSO	ELKTRO DOOEL	EICR8008	RSMK1	30
Juni_2012-1	Annual	11.06.2012 - 30.06.2012	MEPSO	ELKTRO DOOEL	EICR8008	RSMK2	10

За мартата:

Број	Претпријатие	EIC	Диспонибилна капацитет (MW)	EUR (Без ДДВ)
FS	ELKTRO DOOEL/EICR8008	30	105.840.00	
FS	ELKTRO DOOEL/EICR8008	30	0.00	
FS	ELKTRO DOOEL/EICR8008	10	0.00	
			105.840.00	

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## 6 Preview of capacities

In this part by selecting the dates you can get a list of capacities provided for a certain period by certain borders and directions.

The resulting list can be exported to "excel" file for needs of the bidder.



Welcome: bidder1  
ELKTRO DOOEL  
[Change password](#)



Menu

Dashboard  
Export

Allocated capacities

Start date: 01.06.2012  
End date: 30.06.2012  
[Show](#)

Auction	type of auction	Period	TSO	Trader	EIC	Direction	capacity
Juni_2012-1	Annual	11.06.2012 - 30.06.2012	MEPSO	ELKTRO DOOEL	EIC88XX8	RSMK2	10
Juni_2012-1	Annual	01.06.2012 - 30.06.2012	MEPSO	ELKTRO DOOEL	EIC88XX8	BGMK1	30
Juni_2012-1	Annual	01.06.2012 - 10.06.2012	MEPSO	ELKTRO DOOEL	EIC88XX8	RSMK1	30

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