



Welcome

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 - 2** Market Code change
 - 3** New Market Management System
 - 4** Guaranties of origin
 - 5** The publication of fundamental data in electricity market
 - 6** Dayahead Scheduling process
 - 7** Intraday Scheduling process
 - 8** Energy procurement on bilateral electricity market

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Capacity Allocations in 2017

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The publication of fundamental data in electricity market

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Dayahead Scheduling process

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Energy procurement on bilateral electricity market

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АКЦИОНАРСКО ДРУШТВО
ЕЛЕКТРОМРЕЖА СРБИЈЕ

Electricity Market 2017

Market Department
EMS AD Beograd



Crossborder capacities allocations in 2017

Capacity Allocation performed by EMS

BARS – Yearly and Monthly
 HURS – Daily and Intraday
 MKRS – Daily and Intraday
 HRRS – Daily and Intraday
 RORS – Daily
 BGRS – Daily

MERS – Yearly, Monthly, Weekly, Intraday

ALRS – Monthly, Weekly, Intraday



Main changes of the rules regarding 2016

➤ Joint Auctions:

- Change of the max value for the auction bid and the change of max number of the bids
- Introduction of UIOSI Serbia-Romania border
- Introduction of Joint auctions on Serbia-Macedonia border

	Border	Max bid	Number of offers
Daily auctions	Hungary	100	10
	Croatia	70	10
	Bulgaria	70	10
	Romania	70	10
	Macedonia	70	10
YM	Bosnia & Herz.	70	10

➤ Split (50%) borders: Montenegro and Albania

- Possibility of registration foreign company with Serbian licence

Specific changes for 2017

➤ Serbia – Romania border:

- Switch of roles (TEL: Long-term + Intraday ; EMS: Daily)
- Yearly and Monthly auctions rules adapted to HAR
- Introduction of collaterals
- Introduction of UIOSI:
 - Participant has a right for compensation for not nominated LT capacity
 - Compensation of participants with a price set on daily auctions
 - TRANSELECTRICA is performing compensation



➤ Serbia – Macedonia border:

- Joint auctions of capacity
- Introduction of Daily Auctions
- New Intraday rules



Important information on auctions for 2017

- EMS successfully performed yearly auctions on Montenegro and Bosnia and Herzegovina border
- Registration of participants for monthly and daily auctions and intraday allocation in progress
- **Deadline for the first daily auction registration for 2017 is 22nd of December 2016**
- **Deadline for the first intraday allocation registration for 2017 is 26th of December 2016**
- Auction rules and registration forms are published on EMS AD website
- Registration for Split auctions in 2017 is needed (Rules are not time limited, but registration have to be renewed every year)
- **EMS participation in auction officies (SEE CAO and JAO):**
 - EMS is in phase of accession SEE CAO
 - Working group for adjustment of SEE CAO rules with HAR is formed – **EMS is going to participate in this working group**
 - EMS is considering possibility to access JAO on HURS and RORS borders

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New Market Code

- **EMS issued New Market Code**
- **Code is delivered to Regulatory agency for adoption**
- **Start of Code application – till the end of 2016 (8 days from publication)**
- Main reasons for new Market Code issuing:
 - Adjustment with new energy regulations
 - Demands of the market participants for the upgrade of Market code and business procedures arising from Market Code
 - Practical experiences in rules application and need for upgrade and optimisation of process
 - Adjustment with european practice and market model defined in european grid code

Novelties and the most important changes

- Foreign company can be a BRP (foreign company can be only a wholesale supplier)
- Defined way of providing system services (balance reserves procuring)
- More precise definition of types of transfer of balance responsibility
 - Abolished the possibility of establishing a forced balancing group
 - Supplier transfers BR on BRP – BRP takeover balance responsibility for all WIP that supplier have a full supply contract
- Precisely defined procedures for contract termination on balance responsibility

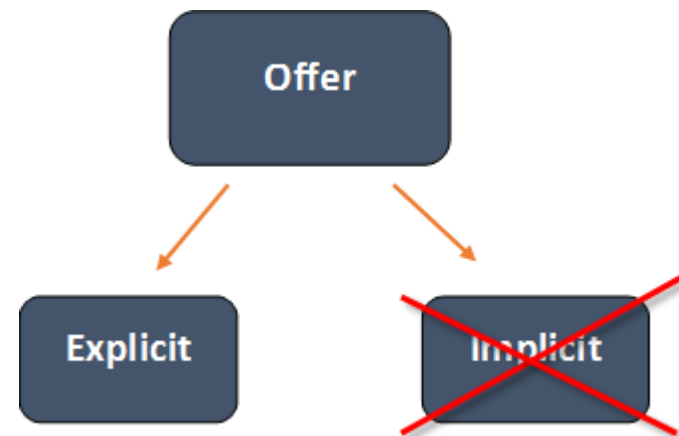
Upgrading of collateral payments

Secure payments instrument	BRP – serbian company	BRP – foreign resident
Bank guarantee with a revolving clause	Bank headquartered in the Republic of Serbia	Foreign bank
The bank guarantee to guarantee the payment of which is issued for the amount of three times the risk	Bank headquartered in the Republic of Serbia	Foreign bank
Dedicated (guarantee) deposit on a revolving basis in the bank headquartered in the Republic of Serbia (new deposits valid for min 3 years)	Bank headquartered in the Republic of Serbia	

- Determining the risk value $R = \max(EN1, EN2, EN3) \cdot D \cdot C$
 - referent market price C - weighted price of balancing energy engaged up in the period between 1st of October Y-2 and 30th September Y-1 (Y - regards the current year) in EUR/MWh

Changes on the Balancing electricity market

- Introduced the possibility of buying and selling cross-border tertiary regulation energy and net deviation (secondary regulation energy exchange) between transmission system operators
- Offers for engagement of balancing reserves have been equalized - eliminated implicit offers for nondominant participants and introduced explicit offer (pair energy - price) for all participants in the balancing mechanism
- Two lists for balancing energy engagement:
 - Fast reserve list (within the accounting interval)
 - Slow reserve list (next accounting interval)
- Natural cross border tertiary energy with a twice the hourly base price on SEEPEX for corresponding business day



BRP Financial settlement

- Calculation of BRP imbalance and BRP imbalance based on the daily schedules have been apart.
- **Regarding the daily schedules imbalance it is introduced that in case of imbalance in the range from -0.5 MWh to +0.5 MWh in the billing interval no fee is charged for the imbalance based on a daily schedules.**
- **In case if the imbalance is out of the range [-0.5 MWh, +0.5 MWh] fee is charged for the whole value of the imbalance**
- **For BRP imbalance in the range [-0.5 MWh, 0 MWh] in the accounting interval the fee is still being charged**

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New Market Management System

- During 2017 EMS is starting to use the new MMS. Participants will be informed on time about the dynamics of the transition and itself necessary adjustment
- MMS functions:
 - Administration of schedules – Scheduling module
 - Administration of balancing mechanism – Balancing module
 - Administration of BRP Imbalance and settlement – Settlement module
- Overview:
 - Daily schedules
 - Submitted offers for balancing energy
 - Engaged balance energy
 - BRP imbalance
 - Settlement
- Moving to the exchange of information through the system through standard xml files

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Guarantees of origin in Serbia

- EMS is an issuing body for guarantees of origin
- Enabling the end customer to obtain information about the origin of the electrical energy consumed by that customer
- Finished writing bylaws regulative - the adoption at the end of 2016
- The adoption of rules on the issuance of Guarantees of Origin in Republic of Serbia (Domain Protocol) – in the beginning of 2017.
- Registrar users:
 - Producers of renewable energy sources registered with the Ministry of Mining and Energy - receive guarantees of origin
 - Suppliers – use guarantees of origin for end customers
 - Wholesale Suppliers – trade guarantees of origin
- Start of registration - the first half of 2017
- Membership in AIB - Serbian international recognition of guarantees of origin

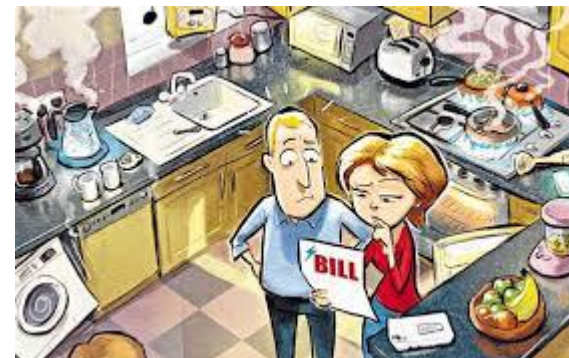


AIB

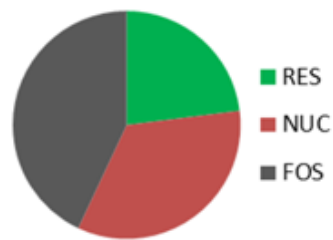
association of issuing bodies

Guarantees of origin – obligations of the supplier

- Suppliers once a year provide information to its end customers on the origin of the electricity they use in the previous year
 - The data on used guarantees of origin are from energy feed-in system and national residual mix



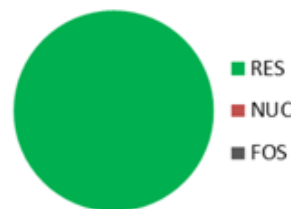
General mix of supplier



Delivered to all customers

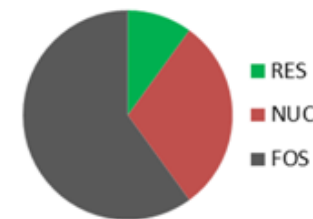
Energy production mix

Green energy as a product



Delivered to consumers of certain products of green energy, supported with guarantees of origin. Promotional material products

Residual mix of the supplier



Delivered to consumers who do not consume a particular product of green energy. Promotional material mix supplier

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JOINT STOCK COMPANY
"ELEKTROMREŽA SRBIJE" BELGRADE

THE PUBLICATION OF FUNDAMENTAL DATA IN ELECTRICITY MARKET



Transparency

➤ Transparency is essential for achieving:

- a functional
- efficient
- liquid and
- competitive

wholesale electricity markets.

It refers to the availability and disclosure of all relevant information to all market participants and is a prerequisite of non-discriminatory market functioning.

LEGAL BACKGROUND - Transparency

➤ EU level transparency rules:

- Regulation 714/2009
- Regulation 543/2013

Data:

- Generation
- Transmission
- Load
- Balancing

LEGAL BACKGROUND - Transparency

- As a transmission system operator, EMS comply with:
 - Regulation (EC) No. 543/2013 (Regulation was adopted in June 2015 by Energy Community Ministerial Council for the mandatory implementation for Contracting Parties, including the Republic of Serbia).
 - Energy Law ("Official Gazette of the Republic of Serbia" No. 145/2014 , Article 53/10, 109/13 and 176), which requires the publication of data about the electricity market in Serbia.

LEGAL BACKGROUND - Transparency

- As a transmission system operator, EMS is obliged, in accordance to the Energy Law, to adopt the Rules on the publication of Electricity Market Fundamental data.

- These Rules closely regulate obligations of:
 - electricity transmission system operator
 - electricity distribution system operator
 - closed electricity distribution system operator
 - electricity producers
 - end consumersrelated to the publication of all relevant data.

LEGAL BACKGROUND - Transparency

- EMS adopted The Rules on the publication of Electricity Market Fundamental data (Rules).
- Rules are in the process of approval by the Energy Agency of the Republic of Serbia (Agency).
- Rules come into force eight days after approval by the Agency.
- All the electricity market fundamental data should be sent on the ENTSO-E platform (EMFIP) in a defined deadline, except for those data that are specified in the transitional and final provisions.

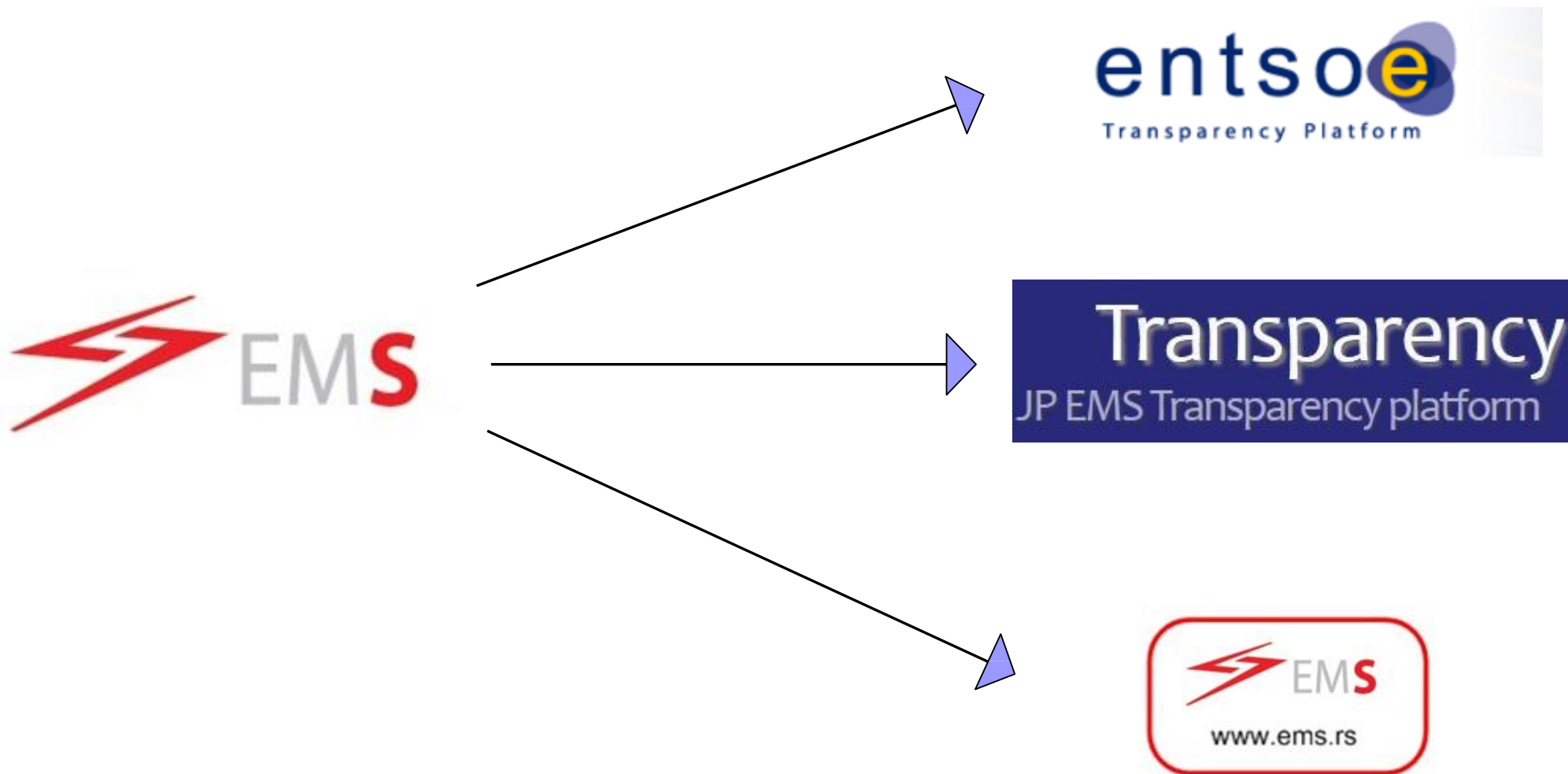
LEGAL BACKGROUND - Transparency

- Data that are specified in the transitional and final provisions are:
 - Actual Generation per Production Type and Water Reservoirs and Hydro Storage Plants – publication will start from 23rd of December 2016
 - Actual Generation per Production Unit – publication will start from 1st of January 2018 (after modification of the Energy Law, Article 185)
 - Generation Forecast Day Ahead for Wind and Solar and Actual Generation per Production Type for Wind and Solar – publication will start when the share of the production of electricity from these renewable energy sources is more than 5% of the total annual electricity production

LEGAL BACKGROUND - Transparency

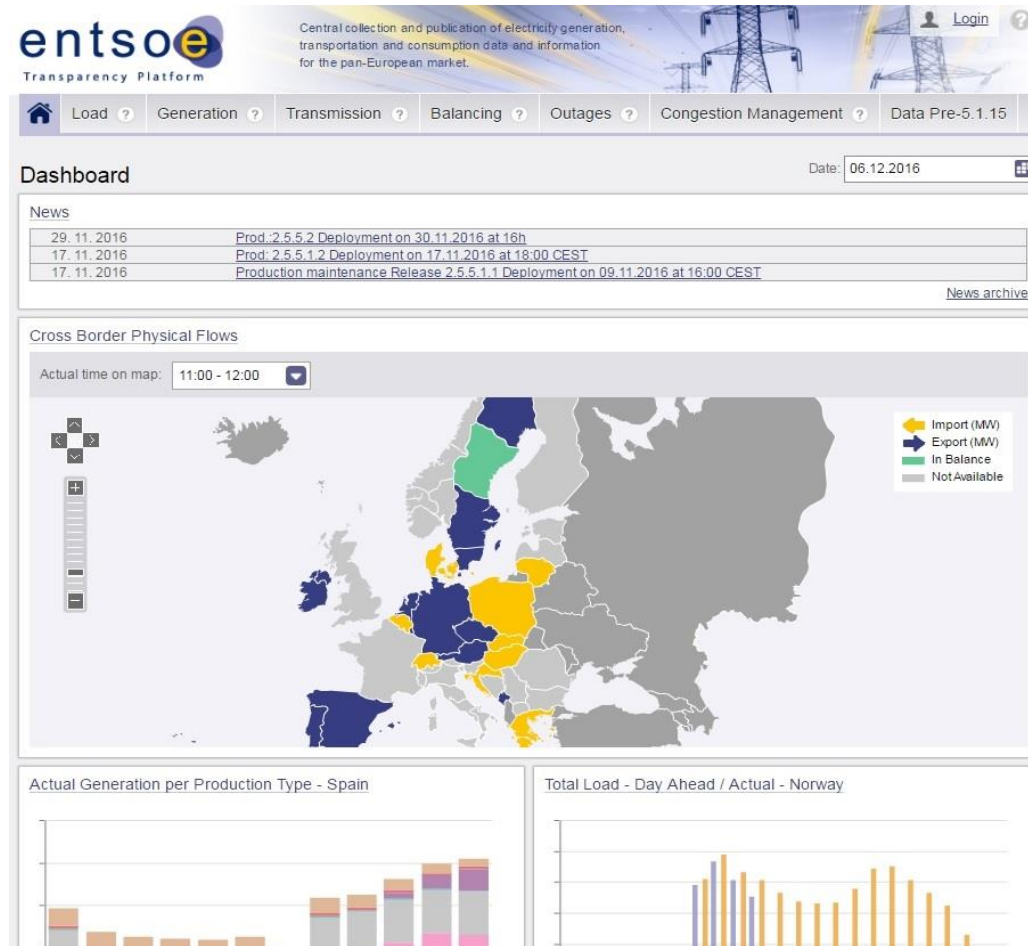
- Publication will start from 1st of January 2018 (after the implementation of the new MMS System):
 - Countertrading
 - Redispatching
 - Changes in Actual Availability of Generation Units
 - Changes in Actual Availability of Production Units
 - Accepted Aggregated Offers
 - Activated Balancing Energy
 - Prices of Activated Balancing Energy
 - Cross-border Balancing - Volumes of Exchanged Bids and Offers, Prices and Energy Activated

DATA PUBLISHING



EMFIP - Electricity Market Fundamental Information Platform

➤ EMFIP platform <https://transparency.entsoe.eu/>



The screenshot shows the entsoe Transparency Platform dashboard for the date 06.12.2016. The dashboard includes a navigation menu with categories like Load, Generation, Transmission, Balancing, Outages, Congestion Management, and Data Pre-5.1.15. The main content area is divided into several sections:

- News:** A table listing recent news items with dates and titles.


Date	Title
29. 11. 2016	Prod: 2.5.5.2 Deployment on 30.11.2016 at 16h
17. 11. 2016	Prod: 2.5.5.1.2 Deployment on 17.11.2016 at 18:00 CEST
17. 11. 2016	Production maintenance Release 2.5.5.1.1 Deployment on 09.11.2016 at 16:00 CEST
- Cross Border Physical Flows:** A map of Europe showing physical flows between countries. The legend indicates:
 - Import (MW): Yellow arrow
 - Export (MW): Blue arrow
 - In Balance: Green
 - Not Available: Grey
- Actual Generation per Production Type - Spain:** A stacked bar chart showing the composition of electricity generation in Spain.
- Total Load - Day Ahead / Actual - Norway:** A bar chart comparing day-ahead load forecasts with actual load in Norway.

Local **EMS** Transparency platform

- EMS is developing its own Local Transparency Platform.
- Now, because of the amount of the work that requires implementations on the EMFIP platform, that is put on hold, but in due time, all the data that are on the EMFIP platform will be available on our Local Transparency Platform.

Local EMS Transparency platform


➤ EMS transparency platform <http://transparency.ems.rs/>



Транспарентност

Платформа ЈП ЕМС за транспарентност

Почетна
Управљање загушењима ▾
Балансирање и потрошња ▾
Преносни капацитет ▾
Аукције ▾



Новости:

17.09.2014

Објављени подаци - Нето прекогранични преносни капацитет - дневни (у подмемнију Преносни капацитет)

01.12.2013

Објављени подаци: Прогноза потрошње - седмична (у подмемнију Балансирање и потрошња)

22.05.2013

Објављени подаци - Нето преносни капацитет / Расположиви прекогранични преносни капацитет - месечни (у подмемнију Преносни капацитет)

22.05.2013

Објављени подаци - Нето преносни капацитет / Расположиви прекогранични преносни капацитет - годишњи (у подмемнију Преносни капацитет)

Транспарентност

Транспарентност података у тржишту електричне енергије

Транспарентност је од суштинског значаја за постизање функционалног, ефикасног, слободног и конкурентног тржишта електричне енергије. Она се односи на доступност и објављивање свих релевантних информација свим учесницима на тржишту електричне енергије и представља предуслов недискриминаторног функционисања тржишта електричне енергије.

Као оператор преносног система ЈП ЕМС мора да ради у складу са Регулацивом Regulation (EC) No. 714/2009 of the European Parliament and of the Council and Energy Law ("Службени лист Републике Србије" број. 57/11, 80/11-члан, 93/12 и 124/12), која подразумева да оператор преносног система објављује податке везане за тржиште електричне енергије у Србији.

ЈП ЕМС ће објављивати све податке везане за преносну мрежу, искључења интерних и интерконективних далеководова, приступ и коришћење преносне мреже, као и извештаје о загушењима – зашто и где се јављају, методе које се примењују за отклањање загушења и планови даљег развоја.

Тренутно се на овој платформи могу видети подаци из области:

Преносни капацитет: приказани су подаци који се односе на прекограничне преносне капацитете и то за месец унапред и годину унапред.

Експлицитне аукције: резултати дневних, месечних и годишњих аукција

direction	TTC	TRM	NTC	AAC yearly	AAC monthly	ATC
	MW	MW	MW	MW	MW	MW
HURT	800	100	700	700	0	500

EMS web site

Data published on EMS web site (www.ems.rs)

- Market Code
- Allocation rules
- ATC
- Allocation results
- Participants who acquired the capacity rights
- Volumes and prices of activated balancing energy
- Planned unavailability in the transmission grid



For all the questions related to the publication of the electricity market fundamental data you can contact us by e-mail:

transparency.support@ems.rs

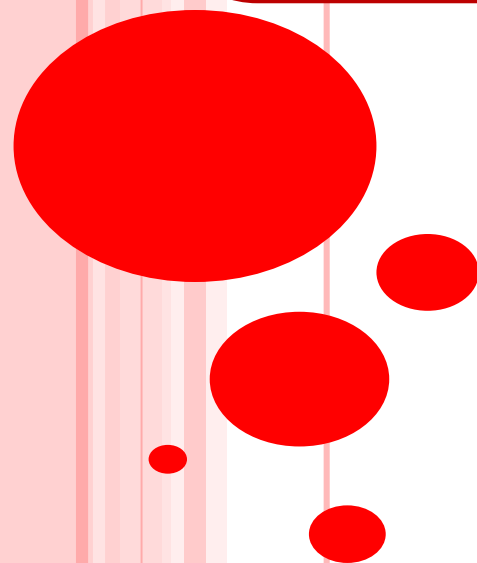
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Dayahead Scheduling process in 2017



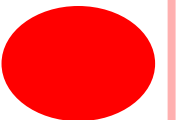
JOINT STOCK COMPANY
ELEKTROMREŽA SRBIJE

NOMINATION OF DAILY SCHEDULES IN DAYAHEAD PROCESS

On the borders:

- Serbia-Croatia,
- Serbia-Hungary,
- Serbia- Montenegro,
- Serbia- Bulgaria
- Serbia-Bosnia & Herzegovina and
- Serbia-Albania

there are **no changes** compared to 2016.

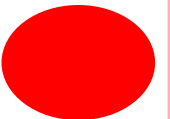
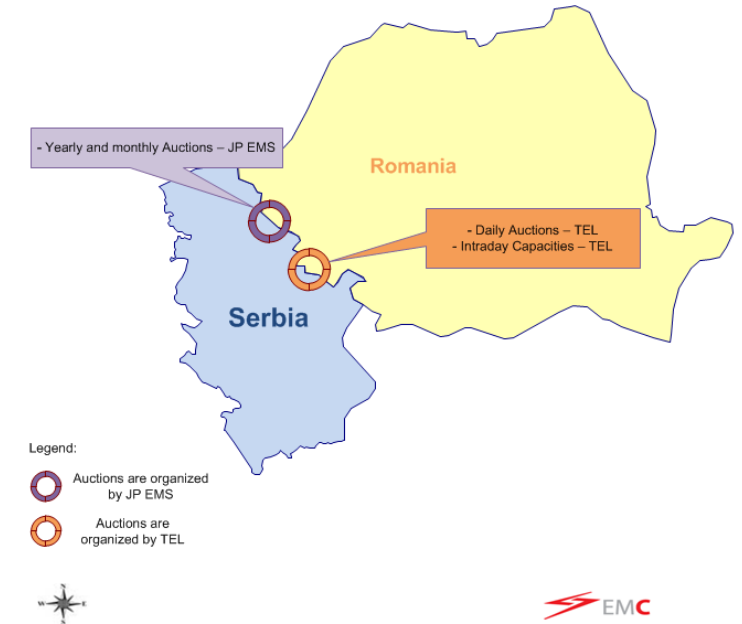


SERBIA – ROMANIA 1/2

Transelectrica organizes Long Term Auctions (Yearly and Monthly)

EMS organizes Daily auctions

Transelectrica organizes Intraday auctions



SERBIA – ROMANIA 2/2



“1:1” – Registration

The scanned copy of this form shall be delivered to the following e-mail addresses: schedule@ems.rs and tsoplan@transelectrica.ro

	From (dd.mm.yy)	To (dd.mm.yy)
Period (whole calendar month only)		

	EMS	Transelectrica
Name of the BRP		
Address		
VAT No.		
EIC-Code		
Company representative		
Telephone No.		
Fax No.		
E-mail address		
Date		
Signature/Stamp		



CROSS-BORDER PARTNERS ON SERBIA – ROMANIA BORDER 1/3

1:1- nomination

(registration form in
English is official)

- BRP is allowed to nominate only one exclusive cross-border partner per border
- The registration is possible for whole calendar months, for a period of several months or for the whole year for every contract type nominations
- 1:1 Registration needs to be sent to EMS and Transelectrica
- Registration form is available on the following link:
http://www.ems.rs/page.php?kat_id=570

CROSS-BORDER PARTNERS ON SERBIA – ROMANIA BORDER 2/3

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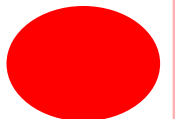
Rights Holder is
BRP in EMS Control
Area

- BRP in EMS Control Area can nominate exchange **only** with nominated BRP in Transelectrica Control Area

II

Rights Holder is
registered participant
in neighbouring
Control Area

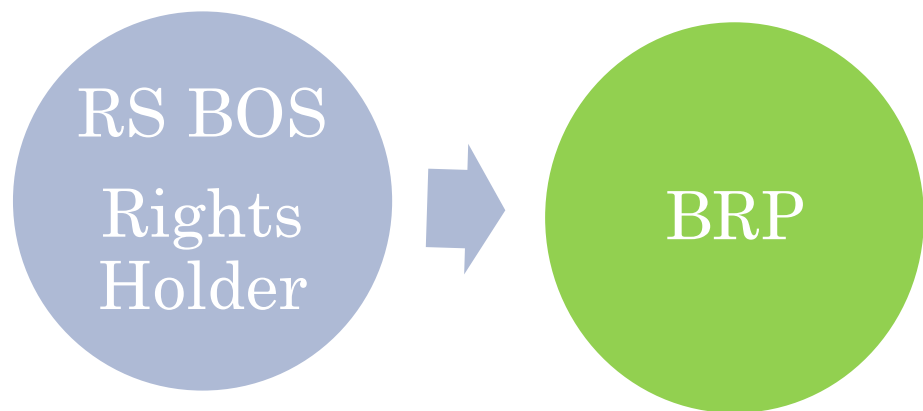
- BRP in EMS Control Area can nominate exchange **only** with nominated cross-border partner. i.e. BRP in Transelectrica Control Area



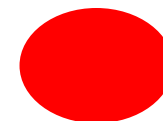
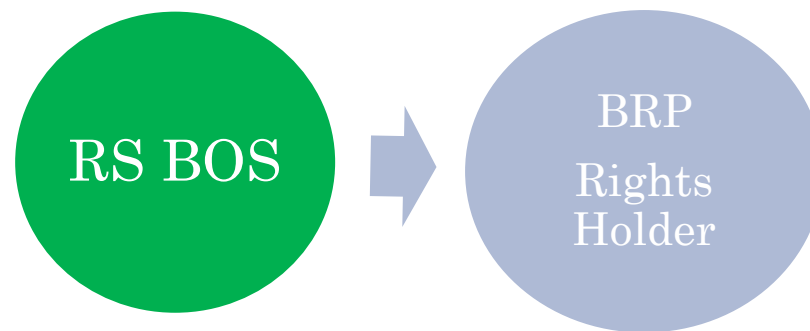
CROSS-BORDER PARTNERS ON SERBIA – ROMANIA BORDER

3/3

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II

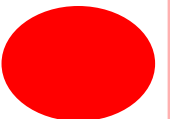


SERBIA – MACEDONIA 1/2

MEPSO organizes Long Term Auctions
(Yearly and Monthly)

EMS organizes Daily auctions

EMS organizes Intraday capacity Allocation



SERBIA – MACEDONIA 2/2

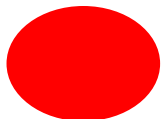
“1:1” – Registration

The scanned copy of this form shall be delivered to the following e-mail addresses:
schedule@ems.rs and schedule@mepso.com.mk



	From (dd.mm.yy)	To (dd.mm.yy)
Period (whole calendar month only)		

	EMS	MEPSO
Name of the BRP		
Address		
VAT No.		
EIC-Code		
Company representative		
Telephone No.		
Fax No.		
E-mail address		
Date		
Signature/Stamp		



CROSS-BORDER PARTNERS ON SERBIA – MACEDONIA BORDER 1/3

1:1- registration

(registration form in
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http://www.ems.rs/page.php?kat_id=617

CROSS-BORDER PARTNERS ON SERBIA – MACEDONIA BORDER 2/3

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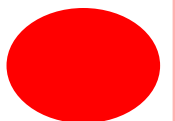
Rights Holder is
BRP in EMS Control
Area

- BRP in EMS Control Area can nominate exchange with all BRPs in MEPSO Control Area

II

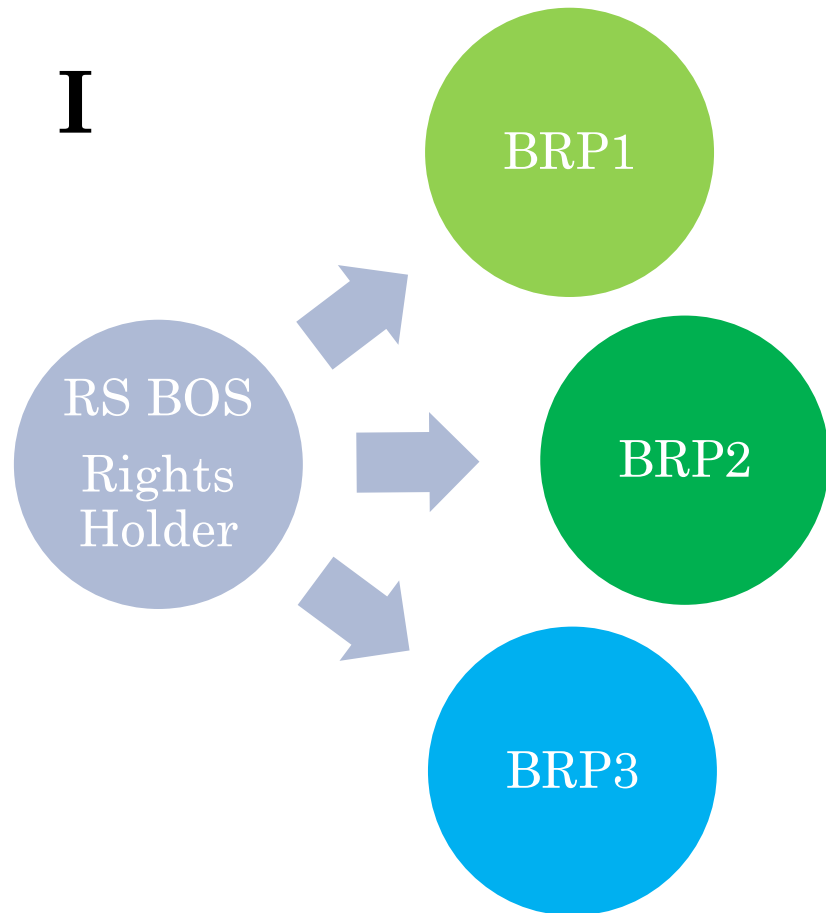
Rights Holder is
registered participant
in neighbouring
Control Area

- BRP in EMS Control Area can nominate exchange **only** with nominated cross-border partner, i.e. BRP in MEPSO Control Area which is Capacity Right Holder

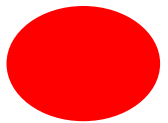
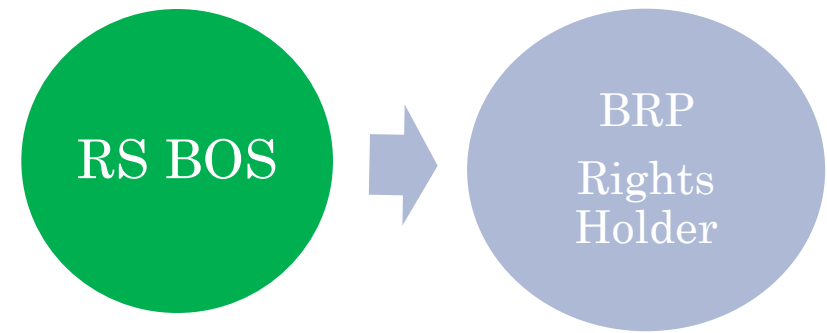


CROSS-BORDER PARTNERS ON SERBIA – MACEDONIA BORDER 3/3

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II



CHANGING OF FORM OF EXCLUSIVE CROSS BORDER PARTNER NOMINATION

PE EMS → EMS JSC



Акционарско друштво „Електро mreжа Србије“ Београд
Војводе Степе 412 11000 Београд,
Република Србија
Факс: +381 11 3970 217
e-mail: schedule@ems.rs

Рок: 12:00 часова 24. дана у месецу М-1 за месец М за који је регистрација важећа

Именовање ексклузивног прекограничног партнера

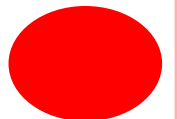
Техничка ознака границе	_ _ _ _	
Период: (регистрација је важећа за цео календарски месец)	Од: _ _ 201 _ (дан. гggг.)	До: _ _ 201 _ (дан. гggг.) ¹⁾

Оператор преносног система		EMC АД
Име Учесника		
Адреса Учесника		
ЕИС код		
Контакт особа		
Број телефона		
Број факса		
Е-mail адреса		
Датум		
Потпис овлашћеног заступника		
Печат		

Потврда EMC АД

Регистрација: (прихваћена или одбијена)	
Разлог одбијања	
Потпис овлашћеног заступника	

1) У случају пријаве за више месеци изводи се последњи месец, а у случају пријаве само за један месец - није остаје неизговорено;



DEADLINES FOR “1:1” SYSTEM NOTIFICATION /REGISTRATION

12:00
CET

RS-BG

RS-RO

January	• 28/12/2016
February	• 27/01/2017
March	• 24/02/2017
April	• 29/03/2017
May	• 26/04/2017
June	• 29/05/2017
July	• 28/06/2017
August	• 27/07/2017
September	• 29/08/2017
October	• 27/09/2017
November	• 27/10/2017
December	• 28/11/2017

January	• 26/12/2016
February	• 25/01/2017
March	• 22/02/2017
April	• 27/03/2017
May	• 24/04/2017
June	• 27/05/2017
July	• 26/06/2017
August	• 25/07/2017
September	• 27/08/2017
October	• 25/09/2017
November	• 25/10/2017
December	• 26/11/2017

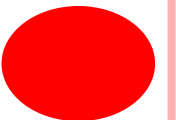


DEADLINE FOR “1:1” SYSTEM NOTIFICATION/REGISTRATION

12:00
CET

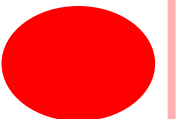
RS-HU, RS-HR, RS-BA
RS-ME, RS-MK, RS-AL

24th of month M-1
for month M



SERBIA – MONTENEGRO

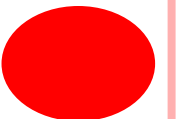
Cross-border exchange between EMS Control Area and CGES Control Area is done according to “Grid code” and **”Rules for Allocation of Available Cross-Border Transfer Capacities on Borders of JP EMS Control Area”**



PROBLEMS BRPs ARE FACING WITH AT SCHEDULE NOMINATION PROCESS 1/3

In case when BRP is planning cross-border exchange on border in both directions, the values of this cross-border exchange must be nominated in the same way in both TSOs:

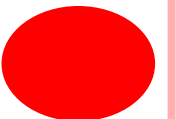
- as netted values (values exists only in one direction)
or
- as separate values in both directions



PROBLEMS BRPs ARE FACING WITH AT SCHEDULE NOMINATION PROCESS 2/3

In case when BRP nominates wrong direction of cross-border exchange or wrong partner in cross-border exchange, modification of the TPS consists of:

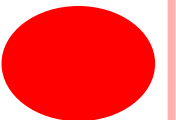
- setting the values of previously nominated cross-border exchange to zeros;
- creating a new cross-border exchange (new TimeSeries) with the correct data.



PROBLEMS BRPs ARE FACING WITH AT SCHEDULE NOMINATION PROCESS 3/3

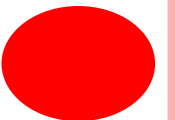
In case when BRP nominates internal trade with
SEEPEX:

- BRP is obliged to submit netted values in all hours



KOSTT IN EMS CONTROL AREA

All exchanges between EMS Control Area and KOSTT will be nominated as internal trade between BRP in EMS Control Area and EIC 10XRKS-KOSTT-007.

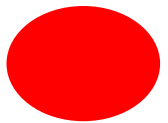
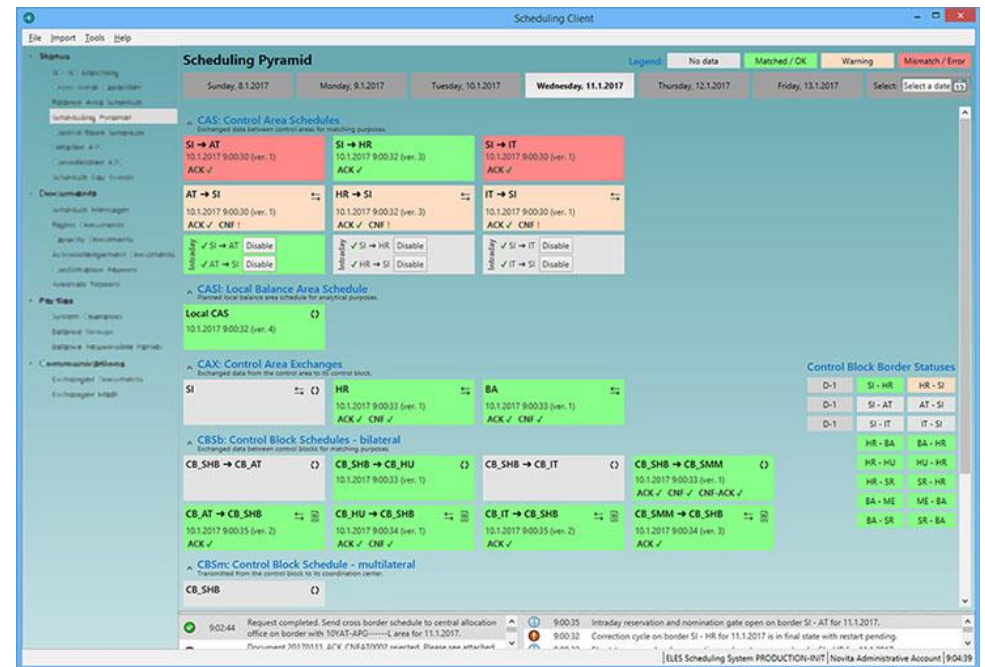


NEW ESS

- New ESS v3.3 system is in testing phase

- In 2017. EMS will begin testing of new MMS system.

Participation of BRPs will be asked.



-
- 1 Capacity Allocations in 2017
 - 2 Market Code change
 - 3 New Market Management System
 - 4 Guaranties of origin
 - 5 The publication of fundamental data in electricity market
 - 6 Dayahead Scheduling process
 - 7 Intraday Scheduling process**
 - 8 Energy procurement on bilateral electricity market

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INTRADAY PROCESS

- Changes and suggestions for year 2017 -



JOINT STOCK COMPANY
"ELEKTROMREŽA SRBIJE" BELGRADE

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- **Allocation Platform (DAMAS System) - REMINDER**
 - by decision made ENERGY AGENCY BY REPUBLIC OF SERBIA it is officially admitted that Allocation Platform used by EMS JSC has no back-up system.
 - from this decision it can be concluded that in case of Allocation Platform stops EMS JSC has no optional system which could be used in order to continue harmonization of the intraday changes.
 - EMS JSC system operator will notify participant about unavailability for harmonization proceeding and hereby we would like to inform you that there is a chance, even if you successfully allocated capacity that further harmonization process can not be made.

- Allocation Platform (DAMAS System) - REMINDER

- attached please find text which is part of our agreements with neighboring system operators :


 "Procedure of Intraday Capacity Allocation can be canceled or stoped in case of serious distrubances in internet functioning, Allocation platform functioning i other information systems which are being used in Intraday process....."

- **Changes in timing for final matching between system operators**

 - with all our neighboring system operators it is agreed that final matching process (including Cut-off if necessary) will be done no later than H-45min.

- H represent hour:

1. with first change in nomination in case of flowing block borders.
2. first hour within session in which nomination has been made.

 Hereby we would like to remind you that you can submit your nominations no later than H-60min (flowing blocks) and H-90min (sessions).

- Expected changes for 2017

1. Border with Hungary (MAVIR – EMS)

- Hungarian system operator (MAVIR) is in process for modification of existing Scheduling System and one of the changes implemented changes will be flowing blocks working on border between EMS and MAVIR (no sessions).
- Expected implementation time is mid 2017th (only estimation!)

- Expected changes for 2017

2. New Scheduling System in EMS JSC

- New Market Management System (MMS) is in implementation within EMS JSC. One part of the new Market Management System will be also our new Scheduling System.
- First implementation of new Scheduling System is planned for mid 2017th (subject to change if necessary).
- Within new Scheduling System major part of Intraday Scheduling process is planned to be automatized.

- 1 Capacity Allocations in 2017
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EMS' ENERGY PROCUREMENT ON BILATERAL ELECTRICITY MARKET

Market Division
Beograd, 2016



JOINT STOCK COMPANY
ELEKTROMREŽA SRBIJE



AGENDA

- NEW CONCEPT OF ENERGY PROCUREMENT FOR COVERING GRID LOSSES
 - General terms and conditions for participation in auctions for the procurement of energy for covering grid losses
 - Framework Agreement – Registered Participant
 - Auctions for the procurement of energy for covering grid losses

- COMPENSATION OF UNINTENTIONAL DEVIATIONS

NEW CONCEPT OF ENERGY PROCUREMENT FOR COVERING THE GRID LOSSES

- EMS JSC Beograd is going to take balance responsibility;
- Energy procurement on bilateral and organized electricity market;
- Long term component of electricity for covering grid losses will be procured during the auction process;
- Auction process is going to be performed via electronic Auction platform;
- Procurement of small amount of electricity – Lots;
- Profiles of Lots will be available in due time.

GENERAL TERMS AND CONDITIONS FOR PARTICIPATION IN AUCTIONS FOR COVERING GRID LOSSES

Market participant who would apply to become Registered participant in auctions should fulfill following prerequisites:

- Possess valid license for electricity supply (retail) issued by Energy Agency of Republic Serbia
- In last 12 calendar months traded at least 250 GWh of electricity to/from Serbian transmission system;
- Possess valid Balance Responsibility contract or has signed contract for transfer of balance responsibility to other Balance Responsible Party, all in line with valid Serbian Market Code;
- Has no financial debt towards EMS in terms of contracts concerning electricity market operations.

FRAMEWORK AGREEMENT– REGISTERED PARTICIPANT

- Conditions for trading of electricity are defined by Framework Agreement;
- Framework agreement lasts for 2 years;
- There is no need for bank guaranties or deposits concerning Framework agreement;
- Market participant becomes Registered participant after signing the Framework agreement with EMS JSC Belgrade;
- EMS is entitled to periodically verify necessary requirements of Registered participant during the validity of Framework agreement.

AUCTIONS – GENERAL INFORMATION

- Auctions for the procurement of energy for covering grid losses are based on reverse auction principles (the cheapest Bid is auction winner);
- Auction dates will be published on EMS website at least 10 days before start of an Auction;
- Auction details will be sent to all Registered participants via e-mail at least 1 day before an Auction;
- Registered participant is not obliged to take part in every Auction for which he receives invitation.

AUCTION – SUBMITTING AND ACCEPTING AUCTION BID

- Bid submitted by Bidder via Auction platform is valid and binding, it cannot be cancelled;
- Bidders have overview of leading bid and their rank during the auction without disclosure of bidders identity;
- Criteria for awarding is market based principle;
- Bidder with accepted offer is notified via e-mail after the Auction is closed;
- EMS signs Contract note with Bidder who is awarded in Auction.



CONFIRMATION OF DELIVERY OF ELECTRICITY

The entire delivery should be submitted as internal block exchange between the BRP registered participants and EMS JSC Beograd (10XCS-SERBIATSO8) in accordance with Grid Code.

AVAILABLE INFORMATION

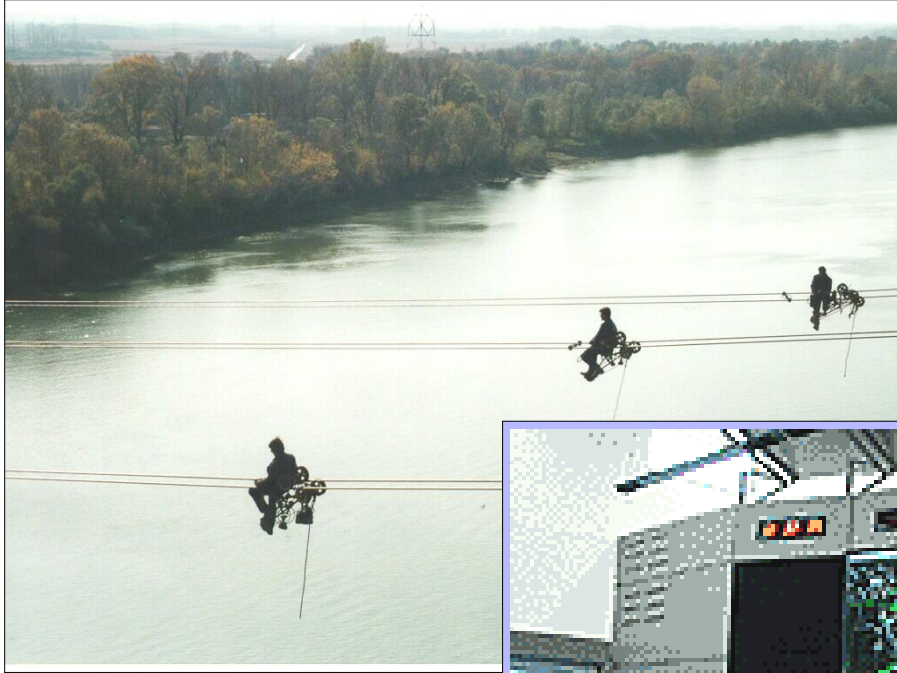
All the necessary information can be found on the official website of EMS JSC Beograd:

- Market
 - Electricity trading
 - Covering grid losses
 - General information

COMPENSATION OF UNINTENTIONAL DEVIATION

- It is possible to organize selling Auctions via Auction platform;
- Auctions for buying and selling of electricity for compensation of unintentional deviations will be carried out;
- All the necessary information concerning selling and buying of electricity for compensation of unintentional deviations will be found on the official website of EMS JSC Beograd.

**Thank you for your
attention**



QUESTIONS?



JOINT STOCK COMPANY
ELEKTROMREŽA SRBIJE



“Elektromreža Srbije” AD Beograd

safe, reliable, sustainable

<http://www.ems.rs>

