



JOINT STOCK COMPANY  
ELEKTROMREŽA SRBIJE

## Allocation of Cross-Zonal capacities and Guarantees of Origin in 2021



**Market Division**  
**EMS JSC Belgrade**  
**December 2020**



АКЦИОНАРСКО ДРУШТВО  
ЕЛЕКТРОМРЕЖА СРБИЈЕ



## Agenda

- ▶ Allocation of Available Cross-Zonal capacities and Auction/Allocation Rules for 2021
- ▶ Yearly/Monthly Auction procedures performed by EMS JSC in 2021
- ▶ EMS Damas system functionalities
- ▶ Guarantees of Origin – AIB Membership

## Allocation of Available Cross-Zonal capacities in 2021



## Allocation of Cross-Zonal capacities between Bidding Zones of JSC EMS and ESO / JSC EMS and HOPS in 2021

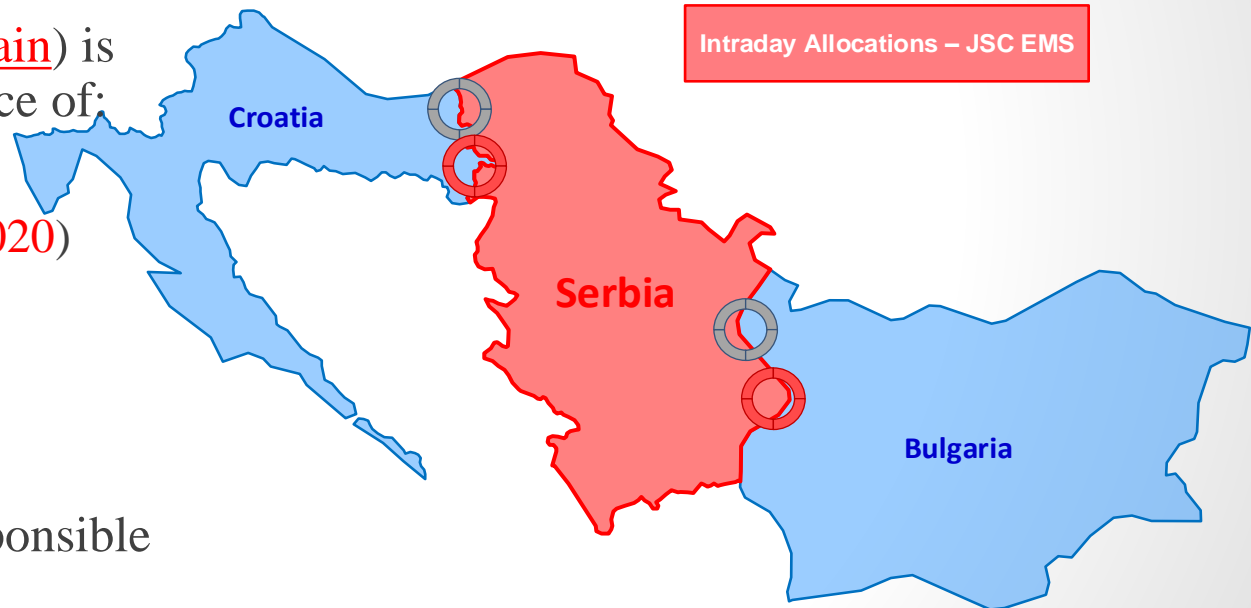
### Bulgaria – Serbia Croatia – Serbia

JAO S.A. (<http://jao.eu/main>) is responsible for performance of:

- Long-term Auctions (Yearly (23.11-30.11.2020) and Monthly)
- Daily Auctions

EMS JSC Belgrade is responsible for:

- Intraday Allocations (FCFS - Continuous trading)



## Allocation of Cross-Zonal capacities between Bidding Zones of EMS JSC Belgrade and CGES in 2021

### Border Montenegro - Serbia

EMS JSC is responsible for performance of

- ▶ Long-Term Auctions (Yearly and Monthly)

CGES is responsible for performance of

- ▶ Daily Auctions
- ▶ Intraday Allocations



# Allocation of Cross-Zonal capacities between Bidding Zones of EMS JSC Belgrade and MAVIR ZRT. in 2021

## Border Hungary - Serbia

MAVIR is responsible for performance of

- ▶ Long-Term auctions (Yearly and Monthly)

EMS JSC Belgrade is responsible for

- ▶ Daily Auctions
- ▶ Intraday Allocations (FCFS - continuous trading)



# Allocation of Cross-Zonal capacities between Bidding Zones of EMS JSC Belgrade and Transelectrica in 2021

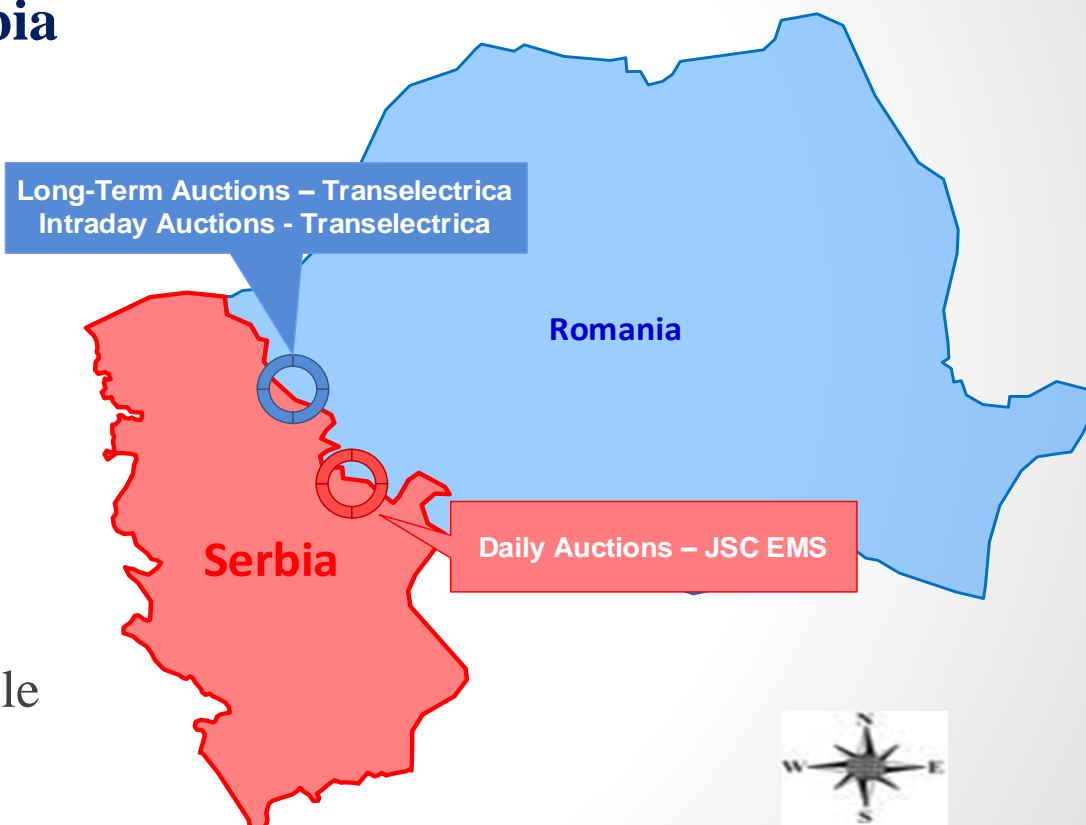
## Border Romania - Serbia

Transelectrica is responsible for performance of

- Long-Term auctions (Yearly and Monthly)
- Intraday Auctions (6 sessions)

EMS JSC Belgrade is responsible for performance of

- Daily Auctions



# Allocation of Cross-Zonal capacities between Bidding Zones of EMS JSC Belgrade and NOSBiH in 2021

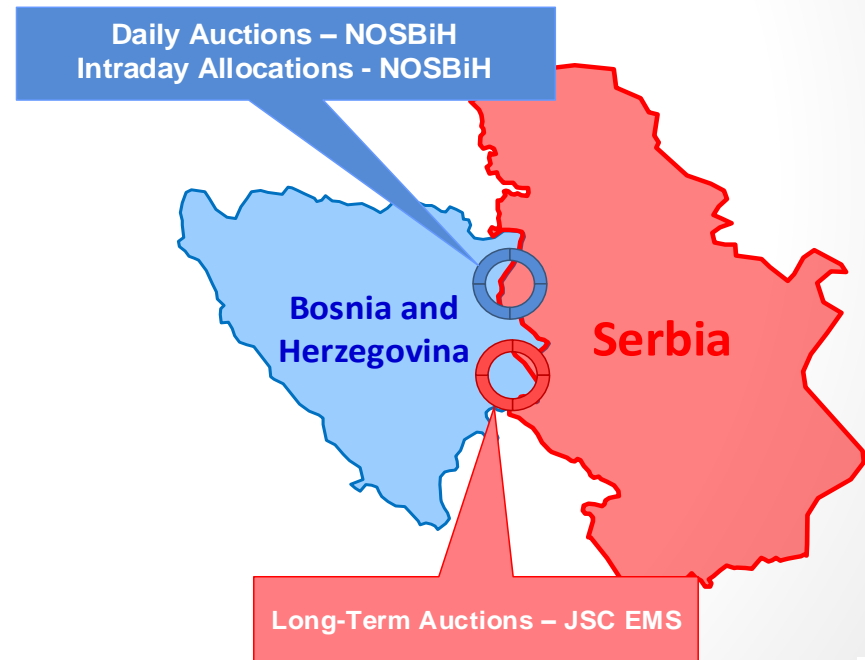
## Border Bosnia and Herzegovina - Serbia

EMS JSC is responsible for performance of

- ▶ Long-Term Auctions (Yearly and Monthly)

NOSBiH is responsible for performance of

- ▶ Daily Auctions
- ▶ Intraday Allocations





## Allocation of Cross-Zonal capacities between Bidding Zones of EMS JSC Belgrade and MEPSO in 2021

### Border Macedonia - Serbia

MEPSO is responsible for performance of

- ▶ Long-Term Auctions (Yearly and Monthly)

EMS JSC is responsible for performance of

- ▶ Daily Auctions
- ▶ Intraday Allocations (FCFS – continuous trading)

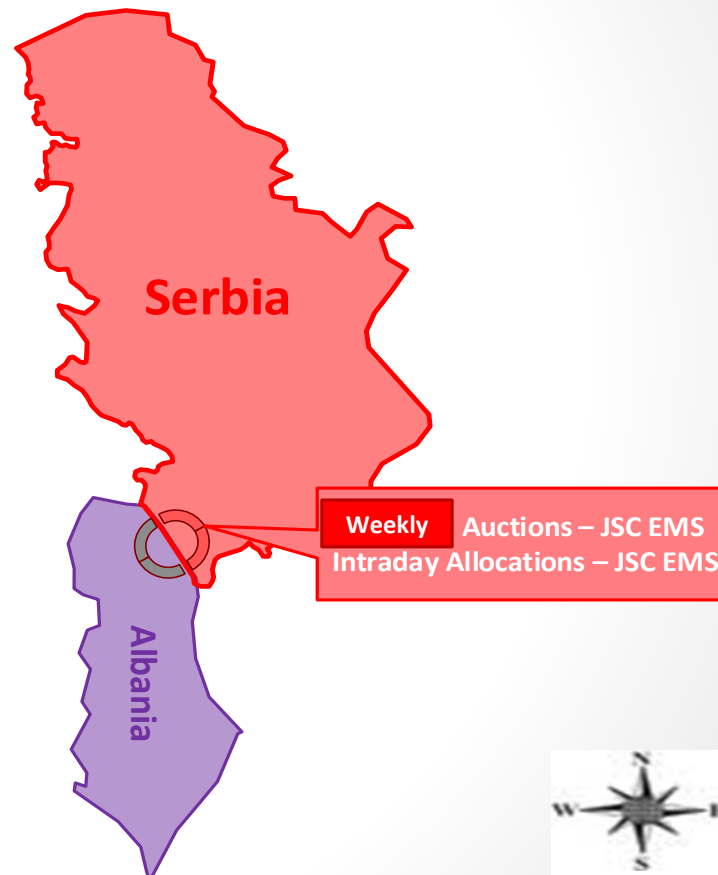


## Allocation of Available Cross-Border Transfer Capacities in 2020/2021

### Split Auctions (50%) Albania – Serbia

From December 14th 2020 at 00:00 the border between the control areas EMS and OST ceases to exist.

EMS will organize weekly auctions for the capacity allocation at the border of EMS and OST until December 13th 2020 at 24:00.



## Yearly Auctions for 2021

**EMS JSC will organize Yearly Auctions on following borders :**

- Montenegro – Serbia (100%)
- Bosnia and Herzegovina – Serbia (100%)

**Available Transfer Capacities (ATC) are published on following link:**

**[https://ems.rs/page.php?kat\\_id=759](https://ems.rs/page.php?kat_id=759)**

**Start of registration:**

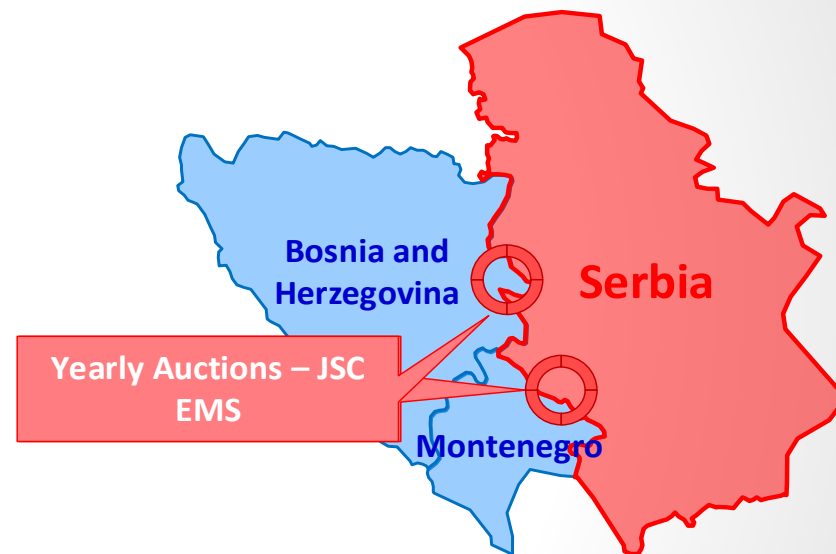
**Bosnia and Herzegovina - Serbia 20.11.2020.**

**Montenegro - Serbia - after the signing of the annex to the EMS - CGES contract (will be announced on time)**

**Date of bid submission for Yearly auction:**

**Bosnia and Herzegovina - Serbia 10.12.2020**

**Montenegro - Serbia 15.12.2020.**



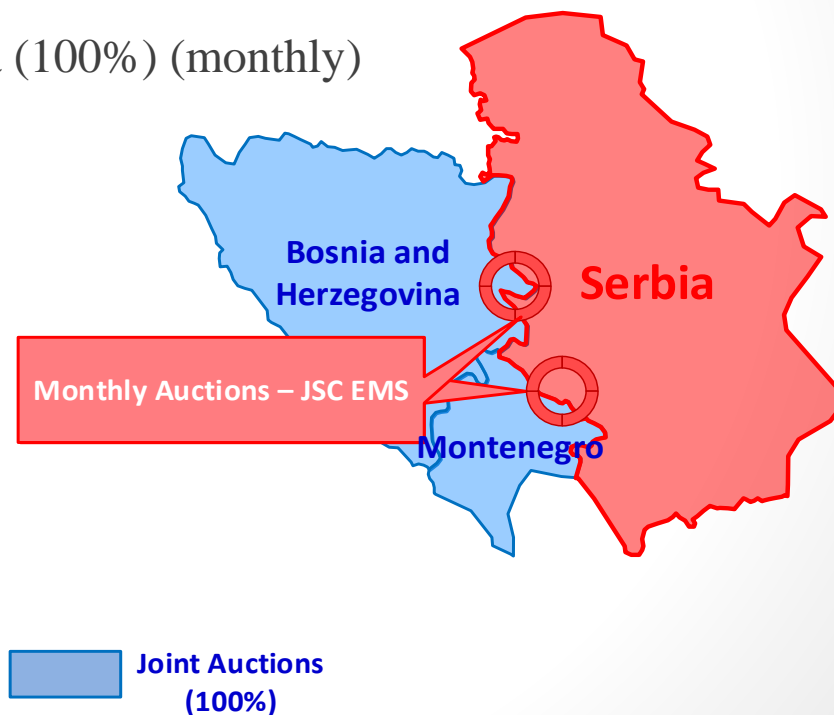
**Joint Auctions (100%)**



## Monthly and Weekly Auctions for 2021

**EMS JSC will organize Monthly Auctions in accordance with the Calendar of Allocation procedures on following borders:**

- ▶ Montenegro – Serbia (100%) (monthly)
- ▶ Bosnia and Herzegovina – Serbia (100%) (monthly)



## Registration for participation in Allocation procedures performed by EMS JSC for 2021

### **JOINT auctions**

**Domestic participants wishing to register shall submit by mail, in person or by courier:**

**- Agreement on Participation in auctions with Appendix 1**

**Foreign participants wishing to register shall submit by mail, in person or by courier:**

**- Agreement on Participation in auctions with Appendix 1**

**- Excerpt from the business register \***

***The Agreement on Participation in auctions with Appendix 1 should be submitted in 3 copies !!!***

**\*Excerpt from the business register should be submitted only once for registration 2021.**

## **Change in allocation rules (except on split borders) and in Damas platform**

### **1. Auction algorithm change – Pro-rata + Time stamp Bid (Article 4.2)**

#### **No more unallocated capacity**

##### **Till 2020:**

**All marginal price bids over ATC are reduced up to Offered capacity using pro-rata reduction.**

##### **From 2021:**

**Remaining unallocated Capacity shall be assigned to the Registered Participants, who submitted marginal Bids, respecting Bid submission Time Stamp per 1 MW, starting with the Registered Participant who first submitted marginal Bid, up until the remaining Capacity is fully allocated**

### **2. The deadline for registration at all auctions is 3 working days at 12:00 before the deadline for submission of bids.**

## Change in allocation rules on border with Bulgaria

**Auction timing change in daily allocation rules on border Serbia-Bulgaria shall be applied in 2021.**

**Starting with capacity allocation for January 1st daily auction timing shall be changed.**

- ▶ **The Allocation Platform (JAO) shall publish the Auction Specification no later than 09:00 a.m. on the day preceding the delivery day.**
- ▶ **Bidding Period which in case of regular operational conditions starts with Auction Specification publication (09:00) and ends at 09:30 on the day preceding the delivery day;**

Process/Year	In 2020	From 2021
Auction starting	08:45	09:00
Gate closure for bid submission	09:15	09:30

## Reminder on EMS Damas system functionalities

**1. Submitting bids for multiple Auction/Allocation procedures and multiple borders/directions via single .xml file was implemented.**

**This functionality covers all the Auction/Allocation procedures that are organized by EMS JSC ([www.ems.rs](http://www.ems.rs)):**

- Yearly Auctions
- Monthly Auctions
- Daily Auctions
- Intraday Allocations

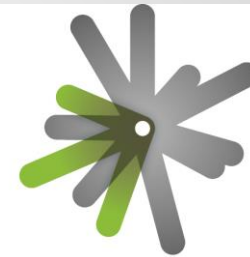
**2. EMS Damas system communication through Web-services**

**EMS JSC will provide one electronic certificate for EMS Damas system access through web services upon request of Registered participant.**

**Please contact us for more information.**

**We're open for your suggestions for a further EMS Damas upgrade in 2020 ([alokacija@ems.rs](mailto:alokacija@ems.rs)).**





**On GM (General Meeting) of the Association of Issuing Bodies (AIB), which was held on 27<sup>th</sup> of September 2019 (Reykjavik), EMS JSC Belgrade has acquired full AIB membership status.**

**After successful public procurement procedure and the provision of the necessary insurance according to the Agreement between EMS AD and AIB, there are no more obstacles for connecting the Serbian Cmo.grexel registry to the AIB Hub platform for International Guarantees of Origin exchange (import / export).**

**Serbian Cmo.grexel registry is connected to the Hub platform the Association of Issuing Bodies on 11<sup>th</sup> of November 2020.**

**AIB Membership provides an opportunity for Guarantees of Origin, that are issued for electricity from renewable energy sources in Serbia, with production period starting from 1<sup>st</sup> of December 2019, to obtain EECS-GO status and to be recognized by all AIB members.**

**Trading outside Serbia (export and import) is possible starting from 11<sup>th</sup> of November 2020.**

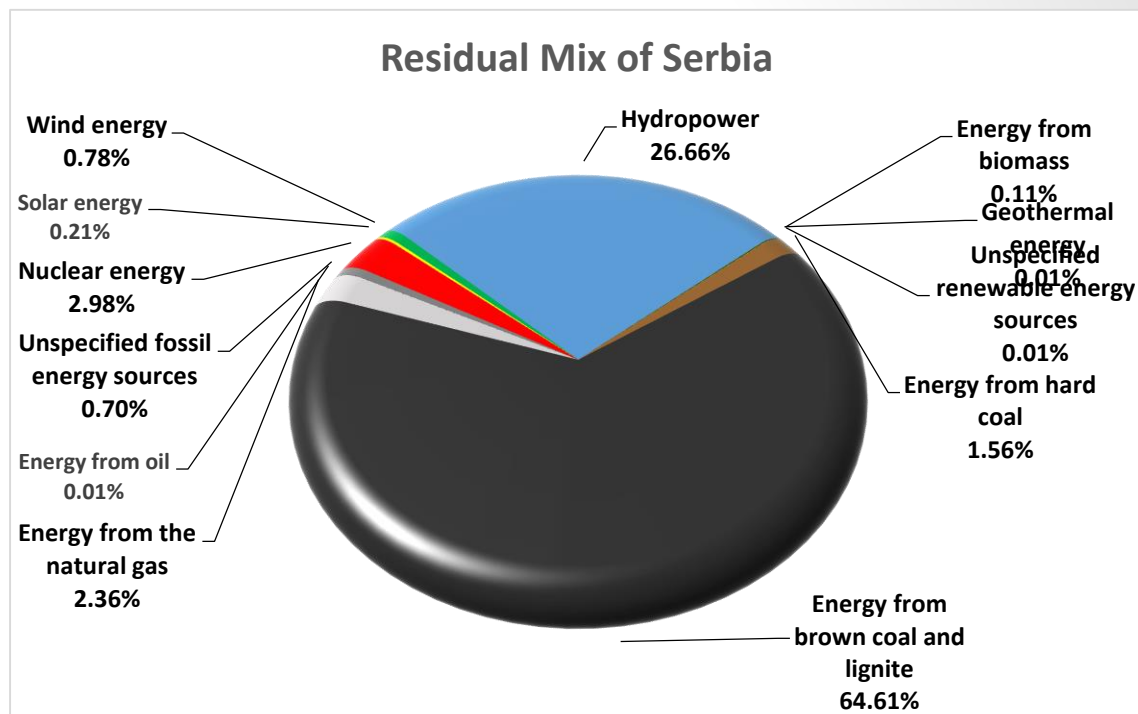
## Guarantees of Origin – Residual Mix 2019.

The number of issued guarantees of origin in 2019 was:

- **Hydropower: 28,404**
- **Solar energy: 463**

The number of canceled guarantees of origin in 2019 was:

- **Hydropower: 28,404**
- **Solar energy: 0**



## Guarantees of Origin – Next year

**All the rules and corresponding deadlines for Issuance, Transfer and End of life-cycle remained unchanged.**

**Residual mix for 2020 will be published till 31.05.2021.**

**All the information related to Guarantees of Origin administration process can be obtained by an e-mail ([grexel-info@ems.rs](mailto:grexel-info@ems.rs)) or telephone numbers: +381 11 3957 176 and +381 11 3091 876.**

**THANK YOU FOR YOUR TIME AND ATTENTION**

**Please fill survey on:**

**<https://forms.gle/NFvCZwPfhuxNzpu7>**



JOINT STOCK COMPANY  
ELEKTROMREŽA SRBIJE

**Joint Stock Company “Elektromreža Srbije”**  
**Belgrade**  
*safe, reliable, sustainable*

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