



ЈАВНО ПРЕДУЗЕЋЕ
ЕЛЕКТРОМРЕЖА СРБИЈЕ

Electricity Market in 2014.



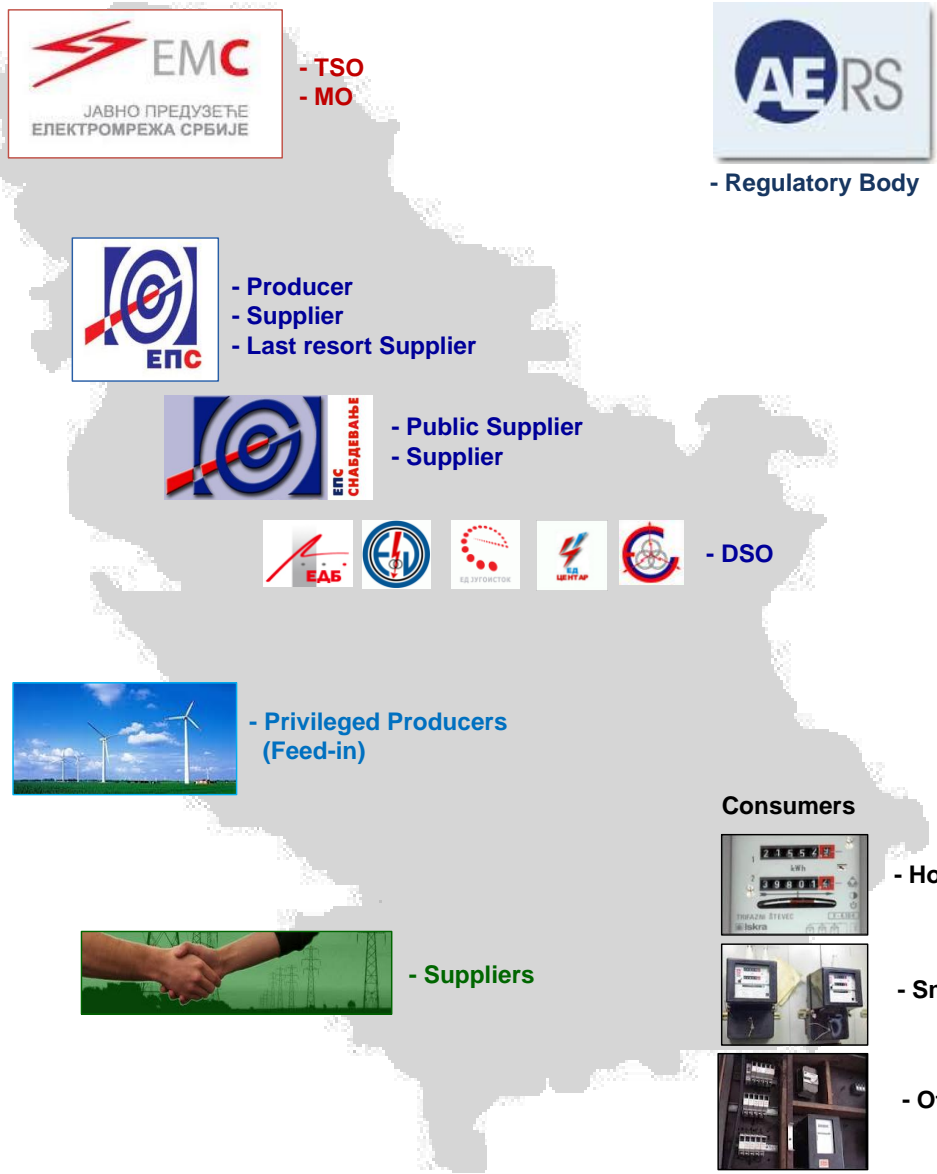
Market Division

Agenda

➤ Introduction:

- Current status of electricity market in Serbia
 - Right to be on public supply in 2014.
 - Allocation of cross-border transfer capacities in 2014.
 - Supplier switching procedure – procedure for change of balancing group composition
-
- Supplier switching procedure – procedure for change of balancing group composition
-
- Capacity Transfer via DAMAS system
-
- Data publishing
 - Transparency Platform

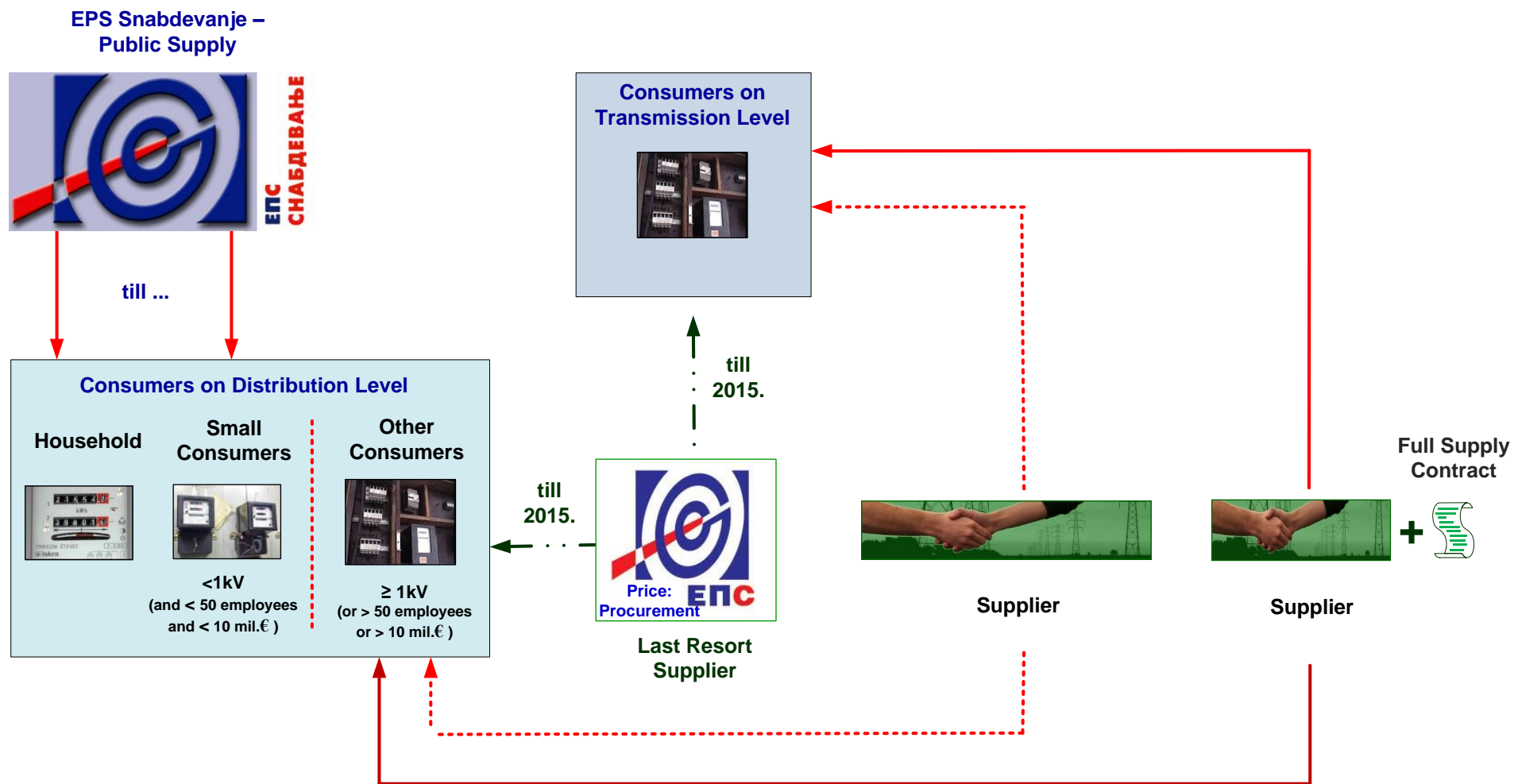
Current Status of Electricity Market in Serbia



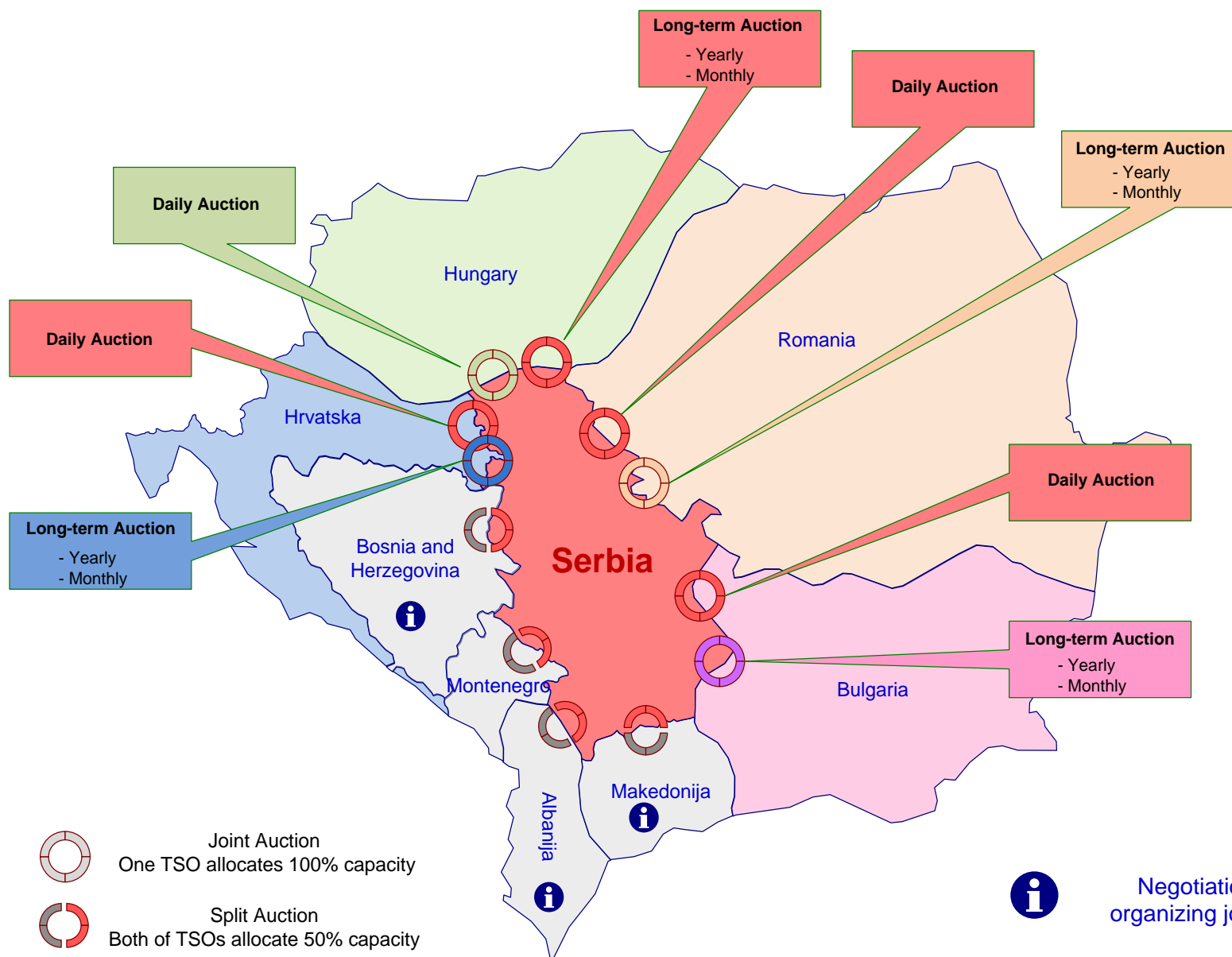
➤ 2013:

- 9% of consumption on transmission level has come out on the market.
- Till 05.12.2013. 35 BRP has registered:
 - 1 PRP, CRP, TRP
 - 1 CRP, TRP
 - 33 TRP

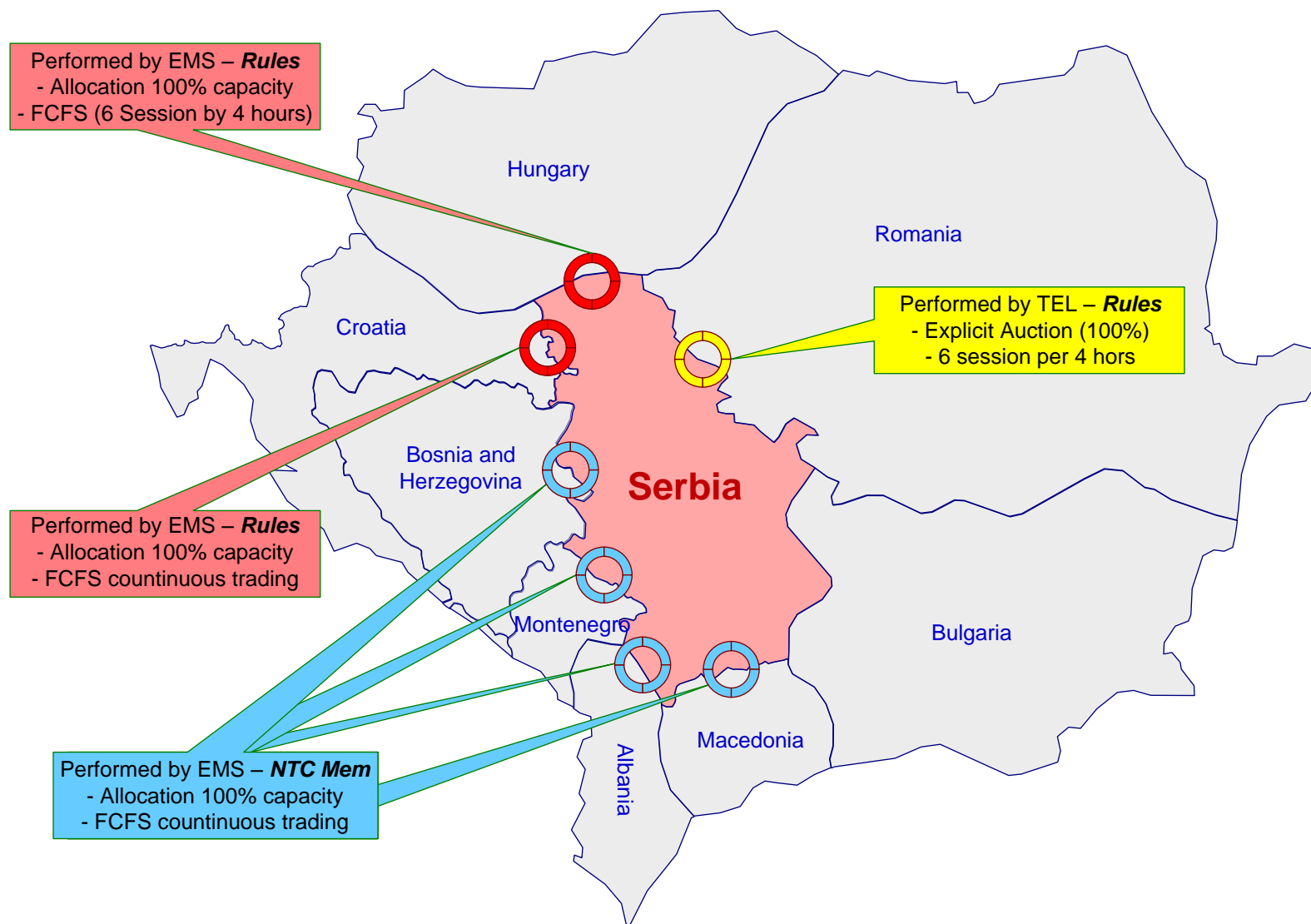
Public Supply in 2014



Allocation of cross-border transfer capacities in 2014



Intraday allocation of cross-border transfer capacities in 2014.



Challenges in the electricity market in Serbia in 2014

- Electricity market opening from 01.01.2014
- Creation of new Energy Law (first quarter of 2014)
- Amendments on Grid Code (first quarter of 2014)
- Amendments on Market Code (first quarter of 2014)
- Establishing of energy exchange SEEPEX (end of 2014)

Agenda

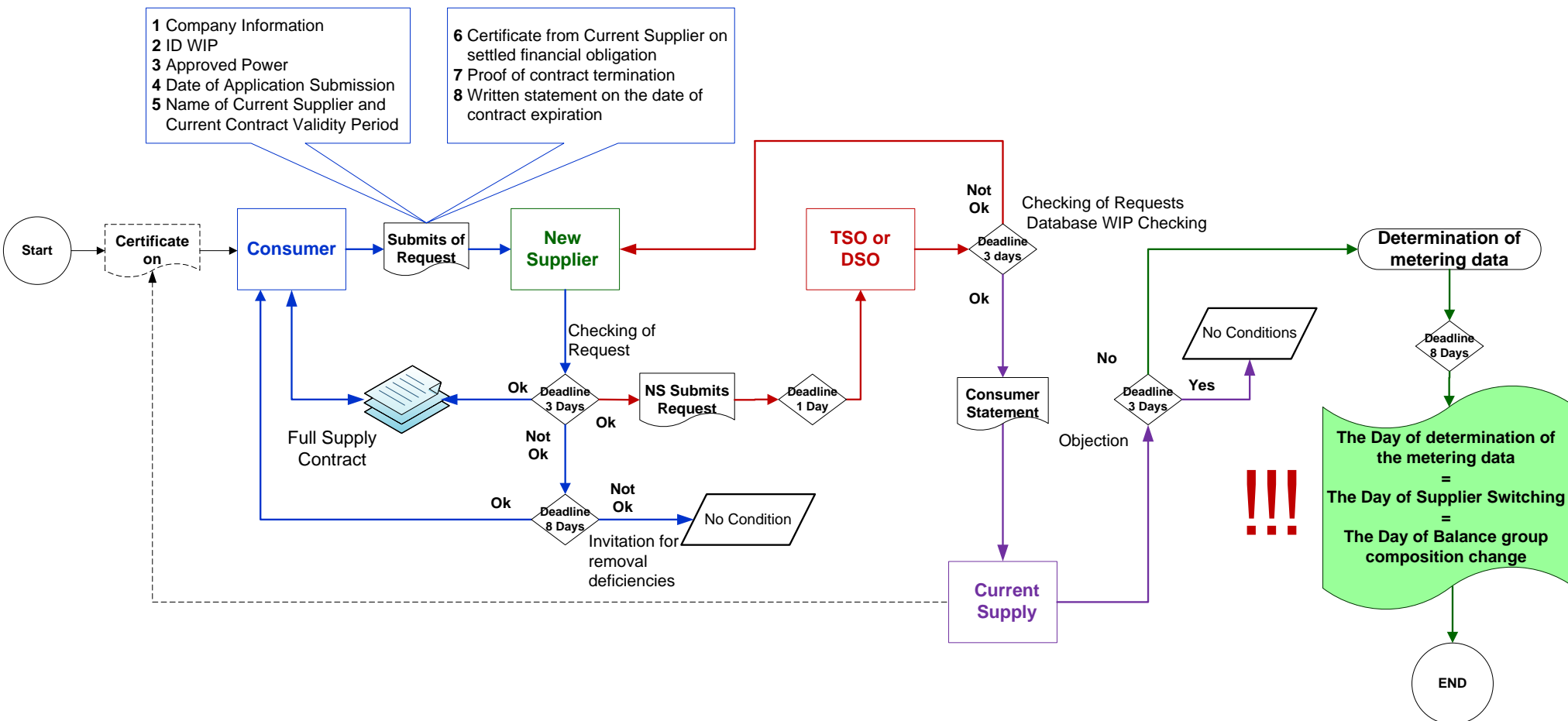
- Introduction:
 - Current status of electricity market in Serbia
 - Right to be on public supply in 2014.
 - Allocation of cross-border transfer capacities in 2014.
 - Supplier switching procedure – procedure for change of balancing group composition
- **Supplier switching procedure – procedure for change of balancing group composition**
- Capacity Transfer via DAMAS system
- Transparency Platform

Change of Balancing Group Composition

- Change of balancing group composition is only possible with strict compliance with **Market Code** and **Rules on supplier switching**.
- Change of balancing group composition based on **Full supply contract**:
 - Withdrawal/injection point on transmission network → based on Rules on supplier switching → new supplier submits requests to JP EMS → JP EMS performs supplier switching procedure, respectively BG composition.
 - Withdrawal/injection point on distribution network → based on Rules on supplier switching → new supplier submits requests to responsible distribution system operator → responsible distribution system operator performs supplier switching procedure, respectively BG composition.
- Change of balancing group composition based on **Contract on transfer of balance responsibility** → based on Market Code → BRP submits requests to JP EMS → JP EMS performs procedure for change of balancing group composition
- Change of balancing group composition based on **connection of new withdrawal/injection point**:
 - Withdrawal/injection point on transmission network → JP EMS performs procedure for change of balancing group composition in accordance with connection procedure.
 - Withdrawal/injection point on distribution network → Responsible distribution system operator performs procedure for change of balancing group composition in accordance with connection procedure.

Supplier Switching – Change of BG Composition

- Supplier switching procedure for 1 WIP can be in process with only one supplier at the same time.
- Supplier switching procedure can not last more than 21 days
- Supplier switching procedure shall begin at latest 21 days before expiration of current supply contract



Contractual (financial) relations of market participants

Final consumer (FC) Type of Contract	Balance Responsibility who is paying?	Access to the system who is paying?	Electricity who is paying?
1 contract on full supply (FS)	- Full Supplier is BRP: (FC is paying BRP for balancing; BRP is paying EMS for balancing)	BRP	Final consumer based on full supply contract
1 FS contract + 1 or more supply contract	- Full supplier is BRP: (FC is paying BRP for balancing; BRP is paying EMS for balancing)	BRP	- Final consumer based on full supply contract - Final consumer to other suppliers
1 or more supply contract (no full supply contract)	1. Final consumer is BRP (FC is paying for balancing to EMS) 2. Final consumer transferred balance responsibility on BRP (FC is paying BRP for balancing; BRP is paying EMS for balancing)	Final consumer	- Final consumer to suppliers according to signed contracts

Agenda

- Introduction:
 - Current status of electricity market in Serbia
 - Right to be on public supply in 2014.
 - Allocation of cross-border transfer capacities in 2014.
 - Supplier switching procedure – procedure for change of balancing group composition
- Supplier switching procedure – procedure for change of balancing group composition
- **Capacity Transfer via DAMAS system**
- Data publishing
 - Transparency Platform
 - Official JP EMS web-site

Capacity Transfer via DAMAS System

- **The Capacity Right Holder submits itself request for capacity transfer in DAMAS System.**
- The Capacity can be transferred on a daily basis (one or more whole calendar days starting from 00:00h of the first day till 24:00 h CET of the last day of the month).
- Capacity transfer can be performed every day starting from 12:00 CET **six** (6) days before the first day of the corresponding month but not later than 12:00 CET **three** (3) days before the first day of usage of the Allocated Capacity. After this deadline transfer of Allocated Capacity is not possible.
- Participant to whom the capacity right is assigned is obliged to confirm capacity transfer in DAMAS system within **4 hours** of submission of request for capacity transfer. Otherwise, capacity transfer is automatically canceled.
- Participant to whom the capacity right is assigned is required prior to confirmation of capacity transfer to check with JP EMS if the Capacity Right Holder has settled financial obligations for that capacity. In the event that the Capacity Right Holder has not paid obtained capacity JP EMS will cancel such transfer. This rule also applies to all transfers arising from the primary capacity transfer.

Capacity Transfer in DAMAS System – for Transferor

EMC Welcome on the EMS Web Site
THE COMMUNICATION KIOSK

Logged user: Auction Participant 1 (34X-APARTICIP-01) 3.12.2013, 13:34

- Ivan Milenkovic(EMS Managers), 3.12.2013 12:55:10
Long-term auction results converted to hourly values for monthly auction RSAL-M-10122013-27118 for border direction SERBIA-ALBANIA (50% RS).
- Radomir Zivic(EMS Managers), 3.12.2013 12:53:47
Long-term auction results converted to hourly values for monthly auction ALRS-M-10122013-27119 for BIA (50% RS).
- Allocated Capacity Transfer** ← (highlighted with red arrow)
- Radomir Zivic(EMS Managers), 3.12.2013 12:53:36
Monthly auction RSAL-M-10122013-27118 for border direction SERBIA-ALBANIA (50% RS).
- Radomir Zivic(EMS Managers), 3.12.2013 12:53:34
Long-term auction results for monthly auction ALRS-M-10122013-27119 for border direction ALBANIA-SERBIA (50% RS) published.
- Ivan Milenkovic(EMS Managers), 3.12.2013 12:42:23
It is past gate closure for submitting long-term bids for monthly auction RSAL-M-10122013-27118 for border direction SERBIA-ALBANIA (50% RS).
- Radomir Zivic(EMS Managers), 3.12.2013 12:42:15
It is past gate closure for submitting long-term bids for monthly auction ALRS-M-10122013-27119 for border direction ALBANIA-SERBIA (50% RS).
- Administrator Admin(EMS Managers), 3.12.2013 12:00:04
It is past gate closure for capacity transfers for day 6.12.2013 and border direction HUNGARY-SERBIA (100%).
- Administrator Admin(EMS Managers), 3.12.2013 12:00:04
It is past gate closure for capacity transfers for day 6.12.2013 and border direction BOSHERZ-SERBIA (50% RS).
- Administrator Admin(EMS Managers), 3.12.2013 12:00:04
It is past gate closure for capacity transfers for day 6.12.2013 and border direction SERBIA-MACEDONIA (50% RS).
- Administrator Admin(EMS Managers), 3.12.2013 12:00:04
It is past gate closure for capacity transfers for day 6.12.2013 and border direction MONTENEG-SERBIA (50% RS).

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

(DAMAS) © 2007 UNICORN

EMC Allocated Capacity Transfer

Logged user: Auction Participant 1 (34X-APARTICIP-01) 3.12.2013, 13:34

Transferor: Auction Participant 1

Transferee: Auction Participant 2

Date From: 10.12.2013

Date To: 15.12.2013

Border Direction: ALBANIA-SERBIA (50% RS)

Auction Type: Monthly

Days: All days

Auction ID: ALRS-M-10122013-27119

List Update

Show data

Save

Hour	Available Capacity [MW]	Capacity [MW]	Hour
1.	5	0	1.
2.	5	0	2.
3.	5	0	3.
4.	5	0	4.
5.	5	0	5.
6.	5	0	6.
7.	5	0	7.
8.	5	0	8.
9.	5	0	9.

Done

Transfer in DAMAS System – for Transferor

Auction ID: ALRS-MF10122013-27119

Save

Hour	Available Capacity [MW]	Capacity [MW]	Hour
1.	5	5	1.
2.	5	5	2.
3.	5	5	3.
4.	5	5	4.
5.	5	5	5.
6.	5	5	6.
7.	5	5	7.
8.	5	5	8.
9.	5	5	9.
10.	5	5	10.
11.	5	5	11.
12.	5	5	12.
13.	5	5	13.
14.	5	5	14.
15.	5	5	15.
16.	5	5	16.
17.	5	5	17.
18.	5	5	18.
19.	5	5	19.
20.	5	5	20.
21.	5	5	21.
22.	5	5	22.
23.	5	5	23.
24.	5	5	24.
Total	120	120	

Minimum available capacity for each hour within the period selected.

Save

(DAMAS) © 2007 UNICORN

Processing result - Windows Internet Explorer

Information

Reception Date:	03.12.2013 13:35:26
User:	AP1_test
State:	Accepted
Transfer ID:	10031920
Auction Identification:	ALRS-M-10122013-27119
Auction Type:	Monthly
Date From:	10.12.2013
Date To:	15.12.2013
Border direction:	ALBANIA-SERBIA (50% RS)
Transferor:	Auction Participant 1
Transferee:	Auction Participant 2
Date:	10.12.2013
State:	Accepted
Date:	11.12.2013
State:	Accepted
Date:	12.12.2013
State:	Accepted
Date:	13.12.2013
State:	Accepted
Date:	14.12.2013
State:	Accepted
Date:	15.12.2013
State:	Accepted

OK

Transfer is accepted

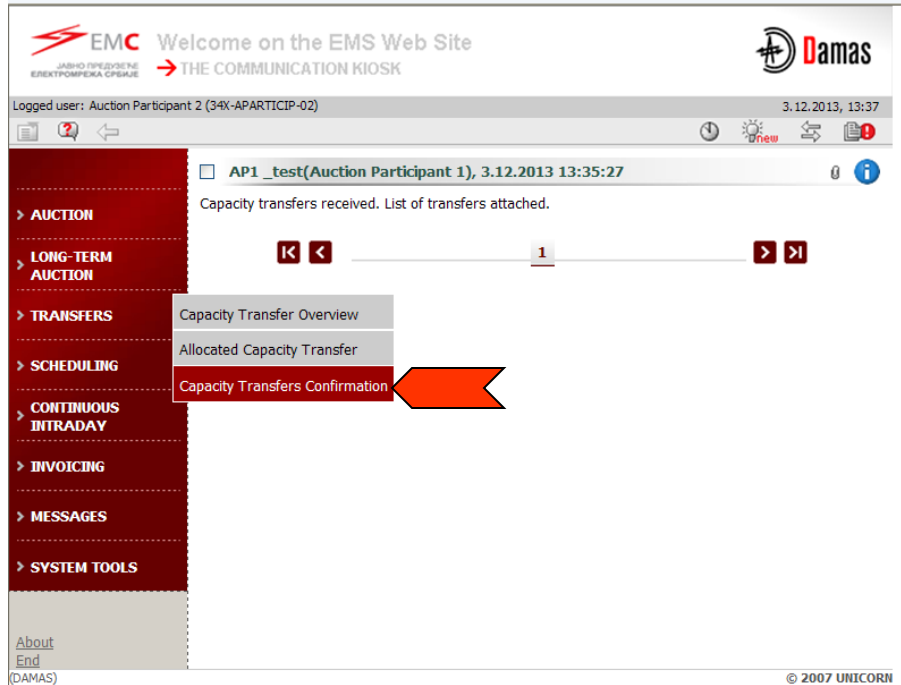
Error - Windows Internet Explorer

Error

Cannot transfer allocated capacity for selected date interval and auction's border direction.

OK

Transfers in DAMAS System – for Transferee



EMC Welcome on the EMS Web Site
THE COMMUNICATION KIOSK

Logged user: Auction Participant 2 (34X-APARTICIP-02) 3.12.2013, 13:37

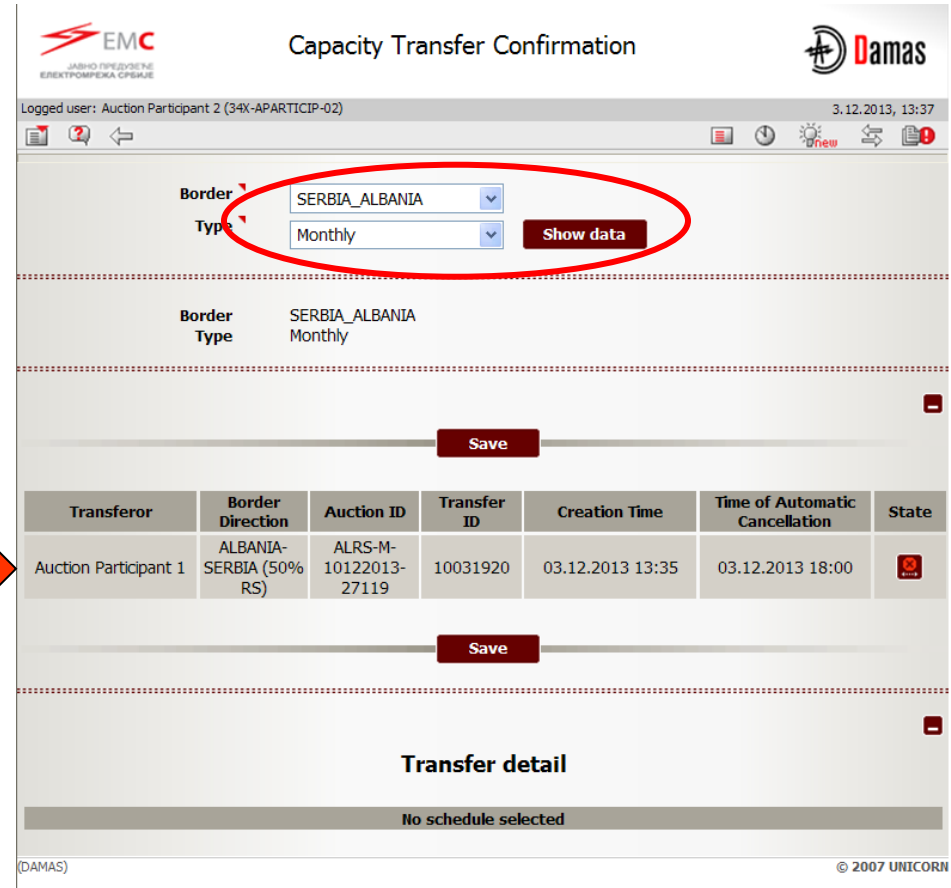
AP1_test(Auction Participant 1), 3.12.2013 13:35:27

Capacity transfers received. List of transfers attached.

Capacity Transfer Overview
Allocated Capacity Transfer
Capacity Transfers Confirmation

About
End
(DAMAS)

© 2007 UNICORN



EMC Capacity Transfer Confirmation

Logged user: Auction Participant 2 (34X-APARTICIP-02) 3.12.2013, 13:37

Border: SERBIA_ALBANIA
Type: Monthly Show data

Border Type: SERBIA_ALBANIA
Monthly

Save

Transferor	Border Direction	Auction ID	Transfer ID	Creation Time	Time of Automatic Cancellation	State
Auction Participant 1	ALBANIA-SERBIA (50% RS)	ALRS-M-10122013-27119	10031920	03.12.2013 13:35	03.12.2013 18:00	

Save

Transfer detail


No schedule selected

(DAMAS)

© 2007 UNICORN

Transfers in DAMAS System – for Transferee

Save

Transferor	Border Direction	Auction ID	Transfer ID	Creation Time	Time of Automatic Cancellation	State
Auction Participant 1	ALBANIA-SERBIA (50% RS)	ALRS-M-10122013-27119	10031920	03.12.2013 13:35	03.12.2013 18:00	

Save

Transfer detail

Date From: 10.12.2013
Date To: 15.12.2013
Beneficiary: Auction Participant 2
Transferor: Auction Participant 1
Border Direction: ALBANIA-SERBIA (50% RS)
Auction ID: ALRS-M-10122013-27119
Transfer ID: 10031920

Hour	Capacity [MW]	Hour
1.	5	1.
2.	5	2.
3.	5	3.
4.	5	4.
5.	5	5.
6.	5	6.
7.	5	7.
8.	5	8.
9.	5	9.
10.	5	10.
11.	5	11.
12.	5	12.
13.	5	13.
14.	5	14.
15.	5	15.
16.	5	16.
17.	5	17.
18.	5	18.
19.	5	19.
20.	5	20.
21.	5	21.

Done

Processing result - Windows Internet Explorer

https://damas-test.ems.rs/DMSFShowMessage.asp

Certificate Error

Information

Reception Date:	03.12.2013 13:38:30
User:	Auction Participant 2
State:	Accepted
Transfer ID	
Auction Identification	ALRS-M-10122013-27119
Auction Type:	Monthly
Date From:	10.12.2013
Date To:	15.12.2013
Border direction:	ALBANIA-SERBIA (50% RS)
Transferor:	Auction Participant 1
Transferee:	Auction Participant 2
State:	Confirmed

OK

Done Internet 120%

Transfer Overview



Welcome on the EMS Web Site
→ THE COMMUNICATION KIOSK



Logged user: Auction Participant 1 (34X-APARTICIP-01)


3.12.2013, 13:39

- > AUCTION
- > LONG-TERM AUCTION
- > TRANSFERS
- > SCHEDULING
- > CONTINUOUS INTRADAY
- > INVOICING
- > MESSAGES
- > SYSTEM TOOLS


- Auction Participant 2(Auction Participant 2), 3.12.2013 13:38:31 i
Capacity transfer confirmation (cancellation) received. List of transfers attached.
- AP1_test(Auction Participant 1), 3.12.2013 13:35:27 i
Capacity transfers received. List of transfers attached.
- ... (EMS Managers), 3.12.2013 12:55:10 i
Capacity Transfer Overview
Long-term auction results converted to hourly values for monthly auction RSAL-M-10122013-27118 for border direction ALBANIA (50% RS).
- ... (EMS Managers), 3.12.2013 12:53:47 i
Capacity Transfers Confirmation
Long-term auction results converted to hourly values for monthly auction ALRS-M-10122013-27119 for border direction ALBANIA-SERBIA (50% RS).
- Ivan Milenkovic(EMS Managers), 3.12.2013 12:53:36 i
Long-term auction results for monthly auction RSAL-M-10122013-27118 for border direction SERBIA-ALBANIA (50% RS) published.
- Radomir Zivic(EMS Managers), 3.12.2013 12:53:34 i
Long-term auction results for monthly auction ALRS-M-10122013-27119 for border direction ALBANIA-SERBIA (50% RS) published.
- Ivan Milenkovic(EMS Managers), 3.12.2013 12:42:23 i
It is past gate closure for submitting long-term bids for monthly auction RSAL-M-10122013-27118 for border direction SERBIA-ALBANIA (50% RS).
- Radomir Zivic(EMS Managers), 3.12.2013 12:42:15 i
It is past gate closure for submitting long-term bids for monthly auction ALRS-M-10122013-27119 for border direction ALBANIA-SERBIA (50% RS).
- Administrator Admin(EMS Managers), 3.12.2013 12:00:04 i
It is past gate closure for capacity transfers for day 6.12.2013 and border direction HUNGARY-SERBIA (100%).
- Administrator Admin(EMS Managers), 3.12.2013 12:00:04 i
It is past gate closure for capacity transfers for day 6.12.2013 and border direction BOSHERZ-SERBIA (50% RS).

1 2 3 4 5 6 7 8 9 10

(DAMAS) © 2007 UNICORN



Capacity Transfer Overview



Logged user: Auction Participant 1 (34X-APARTICIP-01)

3.12.2013, 13:39

Date From 10.12.2013

Date To 15.12.2013

Border SERBIA_ALBANIA

Type Monthly

State All Show data

Date From 10.12.2013

Date To 15.12.2013

Border SERBIA_ALBANIA

Type Monthly

State All

Transferor	Transferee	Border Direction	Auction ID	Transfer ID	Creation Time	Confirmation / Cancellation Time	State
Auction Participant 1	Auction Participant 2	ALBANIA-SERBIA (50% RS)	ALRS-M-10122013-27119	10031920	03.12.2013 13:35	03.12.2013 13:38	Confirmed

Transfer Detail

Transfer ID 10031920

Date From 10.12.2013

Date To 15.12.2013

Transferor Auction Participant 1

Transferee Auction Participant 2

Auction ID ALRS-M-10122013-27119

Border Direction ALBANIA-SERBIA (50% RS)

Auction Product Monthly

Hour	Capacity [MW]	Hour
1.	5	1.
2.	5	2.
3.	5	3.
4.	5	4.

Done

Agenda

➤ Introduction:

- Current status of electricity market in Serbia
 - Right to be on public supply in 2014.
 - Allocation of cross-border transfer capacities in 2014.
 - Supplier switching procedure – procedure for change of balancing group composition
-
- Supplier switching procedure – procedure for change of balancing group composition
 - Capacity Transfer via DAMAS system
 - **Data publishing**
 - **Transparency Platform**
 - **Official JP EMS web-site**

Transparency Obligations for providing data



EMFIP platform
www.entsoe.net

New web site
JP EMS



Existing ENTSO-E Transparency Platform

www.enstoe.net



- Home
- Congestion management
- Balance area profile
- Network capacity
- Publications
- Faq
- My account
- Administration
- Logout
- NMD



Congestion Management

- Operational
- Explicit Auction
- Implicit Auction



Balance Area Profile

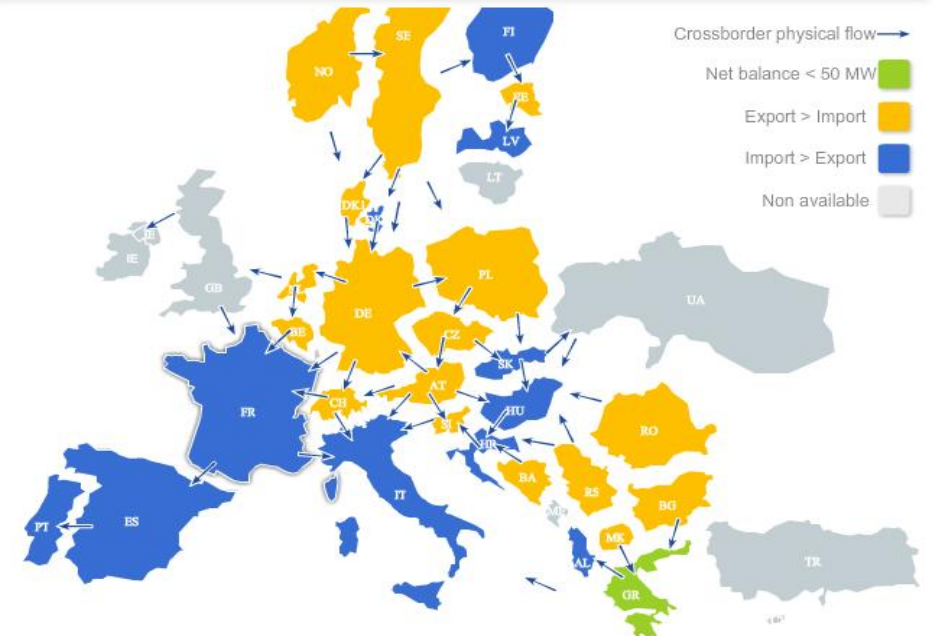
- System Vertical load
- Total load
- Balance Management



Network Capacity

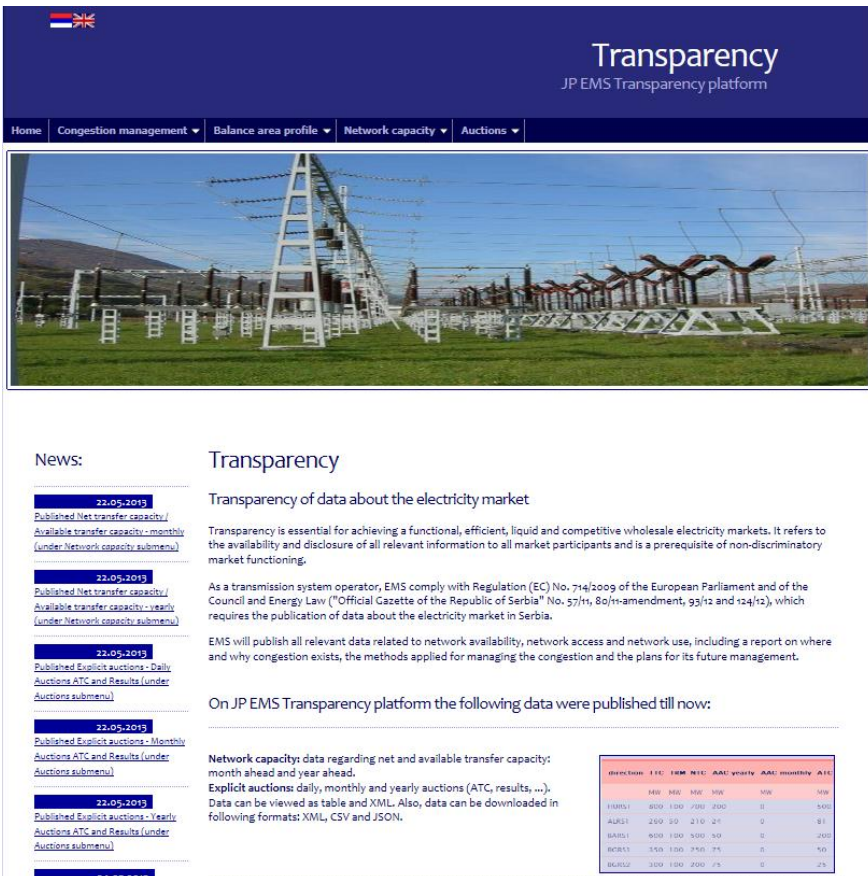
- Net Transfer Capacity
- Outage Information

Selected day: 04.12.2013
Selected time: 10.00-11.00
CET Winter UTC+1



Local EMS Transparency Project

- **EMS transparency platform**
<http://transparency.ems.rs/>



News: Transparency

Transparency of data about the electricity market

22.05.2013
Published Net transfer capacity / Available transfer capacity - monthly (under Network capacity submenu)

22.05.2013
Published Net transfer capacity / Available transfer capacity - yearly (under Network capacity submenu)

22.05.2013
Published Explicit auctions - Daily Auctions ATC and Results (under Auctions submenu)

22.05.2013
Published Explicit auctions - Monthly Auctions ATC and Results (under Auctions submenu)

22.05.2013
Published Explicit auctions - Yearly Auctions ATC and Results (under Auctions submenu)

04.03.2013

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.

As a transmission system operator, EMS comply with Regulation (EC) No. 714/2009 of the European Parliament and of the Council and Energy Law ("Official Gazette of the Republic of Serbia" No. 57/11, 80/11-amendment, 93/12 and 124/12), which requires the publication of data about the electricity market in Serbia.

EMS will publish all relevant data related to network availability, network access and network use, including a report on where and why congestion exists, the methods applied for managing the congestion and the plans for its future management.

On JP EMS Transparency platform the following data were published till now:

Network capacity: data regarding net and available transfer capacity: month ahead and year ahead.
Explicit auctions: daily, monthly and yearly auctions (ATC results, ...).
Data can be viewed as table and XML. Also, data can be downloaded in following formats: XML, CSV and JSON.

direction	LT	EM	NTL	AAI weekly	AAI monthly	ATC
	880	960	900	900	900	900
HUNG1	900	100	700	200	0	500
ALPS1	200	30	210	20	0	0
BARS1	900	100	900	30	0	200
ROB11	350	100	250	25	0	10
BURS2	300	100	200	25	0	25

- **Congestion Management:**
 - Cross-border Commercial Schedule
 - Planned Schedule Evolution
 - Explicit Auctions: Yearly, Monthly, Daily Auction Results
- **Balance Area Profile:**
 - System vertical load, D-1 forecast
 - System vertical load, Realized load
- **Network Capacity:**
 - Year ahead NTC
 - Monthly ahead NTC
 - Day ahead NTC (will be available from January 2014)
 - Outage Information (will be available from January 2014)
- **Load:**
 - Week-ahead load forecast
- **Planned for Q1 2014:**
 - Physical Flows
 - M-1 total load forecast
 - Y-1 total load forecast



ЈАВНО ПРЕДУЗЕЋЕ
ЕЛЕКТРОМРЕЖА СРБИЈЕ



<http://www.ems.rs>