



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Market for Allocation of Cross-Border Capacities

May 2017



ANRE - Romanian Energy Regulatory Authority
HHI - Herfindahl-Hirschman Index
BRP - Balance Responsible Party
BM - Balancing Market
DAM - Day Ahead Market
TSO - Transmission System Operator
DU – Dispatchable Unit
PN – Physical Notification
NDC - National Dispatching Center
C1 – The market share of the largest market participant
C3 – Total market share of top 3 market participants
NPS – Minimum number of residual generators
TTC – Total Transfer Capacity
NTC – Net Transfer Capacity
ATC – Available Transfer Capacity

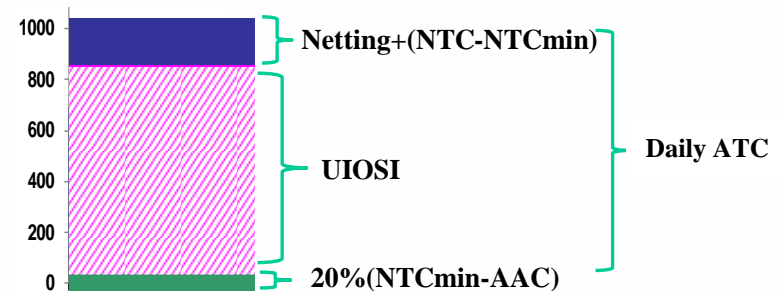


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According to the Commercial Code, Transelectrica, the Romanian Transmission System Operator, operates and monitors the activity of 3 types of markets: Balancing Market, Ancillary Services Market and Market for Allocation of Cross-Border Capacities.

Using the records from the markets data bases, Transelectrica prepares daily, weekly and monthly monitoring reports. A part of the data included in these reports (those data which are not confidential) is published on the website **www.transelectrica.ro**

- According to the agreements between Transelectrica and neighbors for year 2017 :
 - ✓ on the Bulgarian border, the bilateral coordinated allocation is done for 100% of total capacity by Transelectrica for long term auctions and by ESO EAD for daily auctions. The “netting” principle is applied to daily allocation, Starting with 01.01.2015, intraday auctions are no longer organized on the Bulgarian border, since the Bulgarian market rules are not allowing intraday cross-border exchanges, modifications of the notified schedules after 15:30 (CET) in D-1 for day D are prohibited.
 - ✓ on the Hungarian border, the bilateral coordinated allocation, is done for 100% of total capacity by MAVIR for long term auctions (based on Allocation Rules for Forward Capacity Allocation (HAR) and border specific Annex) and by Transelectrica for intra-day auctions. Implicit daily allocations are held since the CZ-SK-HU-RO day-ahead market coupling. In the event of decoupling, MAVIR is in charge with the explicit daily auctions (shadow auctions) for RO-HU border. The “netting” is applied to daily and intra-day allocation.
 - ✓ on the Serbian border, the bilateral coordinated allocation, is done for 100% of total capacity by EMS (Serbia) for daily auctions and by Transelectrica for long term daily and intra-day auctions. The “netting” is applied to daily and intra-day allocation. Starting with 01.01.2017 it was introduced UIOSI („ use it or sell it”) principle.
 - ✓ due to consultation with interconnection partners and regulators and taking into account auction participant opinions, on the Hungarian and Bulgarian borders it was agreed:
 - ✓ reservation of a percentage of interconnection capacity for short term auction, offered capacity being calculated as 80% of the minimum of available capacities of all periods of the month;
 - ✓ introduction of UIOSI („ use it or sell it”) principle.





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- Transelectrica's auctions are held on Damas platform, with euro currency trading.
- Long term auction results on the Hungarian border and daily auction results on the Bulgarian and Serbian borders (auction prices, allocated capacities) are provided by the respective TSO's.
- The intra-day allocation is done in six auction sessions for time intervals: 00:00-04:00, 04:00-08:00, 08:00-12:00, 12:00-16:00, 16:00-20:00, 20:00-00:00 CET.
- Usage of allocated capacity on Ukrainian and Moldavian border is restricted by Ukrainian TSO agreement and respectively by the approval of the distribution operator of the passive consumption islands.
- In May, auctions were held as:
 - import Hungary*: 01 – 31.05.2017;
 - export Hungary: 01 – 02.05.2017; 03 – 04.05.2017; 05.05.2017; 06 – 14.05.2017; 15 – 31.05.2017;
 - import/export Bulgaria*: 01 – 31.05.2017;
 - import Serbia: 01 – 21.05.2017; 22 – 31.05.2017;
 - export Serbia: 01 – 02.05.2017; 03 – 04.05.2017; 05.05.2017; 06 – 12.05.2017; 13 – 14.05.2017; 15 – 21.05.2017; 22 – 24.05.2017; 25 – 28.05.2017; 29 – 31.05.2017;
 - import Ukraine: 01 – 14.05.2017; 15.05.2017; 16 – 19.05.2017; 20 – 31.05.2017.
- In May there were no auctions held on import direction from Moldavia. On export direction to Ukraine, ATC was zero at monthly auction during the whole month due to full allocation of capacity at yearly auction.
- Due to lack of request from participants, there was capacity not allocated at monthly auction as it follows:
 - on import direction from Serbia:
 - 6 MW during the periods 22 – 31.05.2017.

* according to the allocation rules, monthly offered capacity was calculated taking into account the minimum of NTC's monthly value.

Market for Allocation of Cross-Border Capacities



Monthly auction Results of 01 – 31 May 2017

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Alocated	Final Rights*
Hungary export										
<i>01 - 02 May 2017</i>	0.92	650	550	200	350	0	160	2264	157	507
<i>03 - 04 May 2017</i>	0.92	500	400	50	350	0	40	2264	39	389
<i>05 May 2017</i>	0.92	650	550	200	350	0	160	2264	157	507
<i>06 - 14 May 2017</i>	0.92	800	700	350	350	0	280	2264	280	630
<i>15 - 31 May 2017</i>	0.92	750	650	300	350	0	240	2264	237	587
Hungary import										
<i>01 - 31 May 2017</i>	0.52	800	700	351	349	0	280	2188	280	629
Bulgaria export										
<i>01 - 31 May 2017</i>	0.84	350	250	150	100	-	120	473	120	220
Bulgaria import										
<i>01 - 31 May 2017</i>	0.57	400	300	200	100	-	160	516	160	260

* final rights = monthly allocated capacity + yearly allocated capacity after withdrawals.



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Market for Allocation of Cross-Border Capacities

Monthly auction Results of 01 – 31 May 2017

	<u>Prices [euro/MWh]</u>	<u>Capacities [MW]</u>								
	<u>Results</u>	<u>TTC</u>	<u>NTC</u>	<u>ATC</u>	<u>AAC</u>	<u>Reserved</u>	<u>Offered</u>	<u>Requested</u>	<u>Allocated</u>	<u>Final Rights*</u>
Serbia export										
01 - 02 May 2017	0.47	700	600	400	200	-	400	1036	400	600
03 - 04 May 2017	1.22	400	300	100	200	-	100	696	100	300
05 May 2017	0.55	600	500	300	200	-	300	1026	300	500
06 - 12 May 2017	0.47	700	600	400	200	-	400	991	400	600
13 - 14 May 2017	0.41	800	700	500	200	-	500	991	500	700
15 - 21 May 2017	0.50	750	650	450	200	-	450	991	450	650
22 - 24 May 2017	0.54	700	600	400	200	-	400	991	400	600
25 - 28 May 2017	0.50	750	650	450	200	-	450	991	450	650
29 - 31 May 2017	0.54	700	600	400	200	-	400	991	400	600
Serbia import										
01 - 21 May 2017	0.02	800	700	550	150	-	550	664	550	700
22 - 31 May 2017	0.00	900	800	650	150	-	650	644	644	794
Ukraine export										
01 - 31 May 2017	-	150	50	0	50	-	0	-	-	50
Ukraine import										
01 - 14 May 2017	0.08	550	450	400	50	-	400	520	400	450
15 May 2017	0.15	350	250	200	50	-	200	370	200	250
16 - 19 May 2017	0.17	300	200	150	50	-	150	270	150	200
20 - 31 May 2017	0.02	600	500	450	50	-	450	495	450	500
Moldavia export										
01 - 31 May 2017	-	-	-	-	-	-	-	-	-	-
Moldavia import										
01 - 31 May 2017	-	-	-	-	-	-	-	-	-	-
RO_Vulcanesti	-	-	-	-	-	-	-	-	-	-
01 - 31 May 2017	-	-	-	-	-	-	-	-	-	-
RO_Costesti	-	-	-	-	-	-	-	-	-	-
01 - 31 May 2017	-	-	-	-	-	-	-	-	-	-
RO_Cioara	-	-	-	-	-	-	-	-	-	-

- final rights = monthly allocated capacity + yearly allocated capacity after withdrawals.

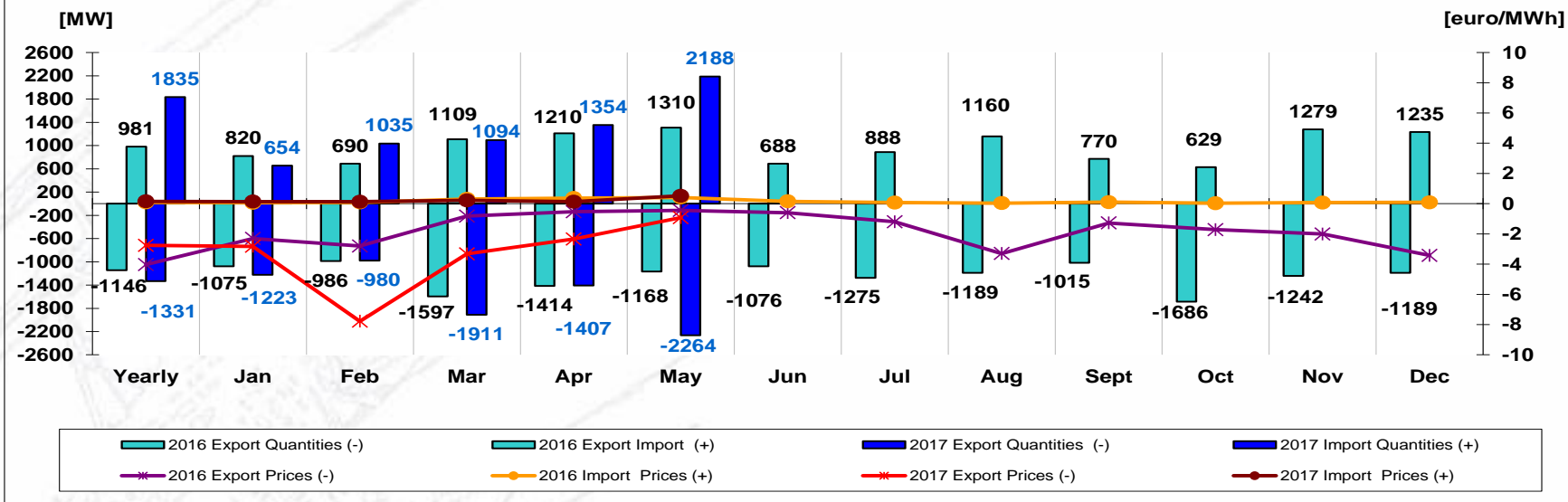


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Market for Allocation of Cross-Border Capacities

Weighted average of requested capacities correlated with auction clearing price (weighted with allocated capacities) on Hungarian border



Border	yearly	Jan. 17	Feb.17	Mar.17	Apr.17	May 17	Jun. 17	Jul. 17	Aug. 17	Sept. 17	Oct. 17	Nov.17	Dec. 17
Hungary export	2.76	2.82	7.78	3.32	2.34	0.92							
Hungary import	0.15	0.14	0.13	0.22	0.13	0.52							

Border	yearly	Jan. 16	Feb.16	Mar.16	Apr.16	May 16	Jun. 16	Jul. 16	Aug. 16	Sept. 16	Oct. 16	Nov.16	Dec. 16
Hungary export	4.03	2.30	2.80	0.82	0.53	0.45	0.60	1.20	3.30	1.28	1.72	2.01	3.42
Hungary import	0.08	0.06	0.08	0.31	0.37	0.41	0.15	0.07	0.04	0.10	0.03	0.07	0.09

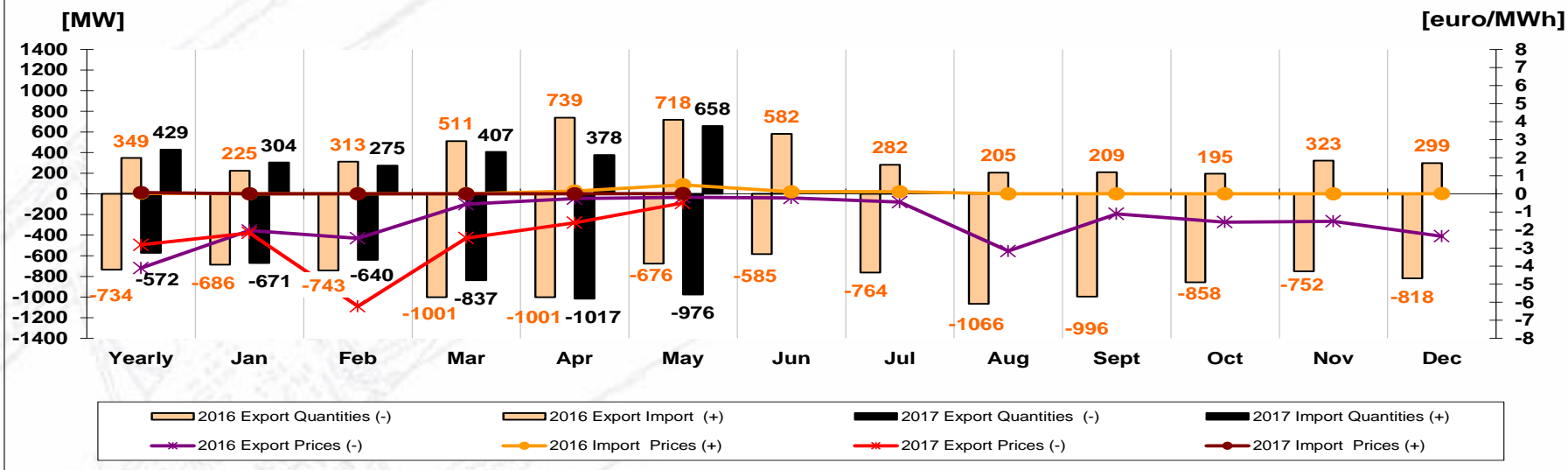
- Compared with previous year, in May 2017 the auction price increased while offered capacity and capacity request were higher. In May 2017 monthly auction price was still low on import direction.



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Market for Allocation of Cross-Border Capacities

Weighted average of requested capacities correlated with auction clearing price (weighted with allocated capacities) on Serbian border



Border	yearly	Jan. 17	Feb.17	Mar.17	Apr.17	May 17	Jun. 17	Jul. 17	Aug. 17	Sept. 17	Oct. 17	Nov.17	Dec. 17
Serbia export	2.82	2.16	6.23	2.45	1.60	0.50							
Serbia import	0.07	0.00	0.00	0.00	0.00	0.01							

Border	yearly	Jan. 16	Feb.16	Mar.16	Apr.16	May 16	Jun. 16	Jul. 16	Aug. 16	Sept. 16	Oct. 16	Nov.16	Dec. 16
Serbia export	4.11	2.03	2.46	0.57	0.26	0.19	0.23	0.46	3.17	1.11	1.56	1.52	2.34
Serbia import	0.03	0.00	0.01	0.01	0.15	0.50	0.12	0.12	0.00	0.00	0.00	0.00	0.01

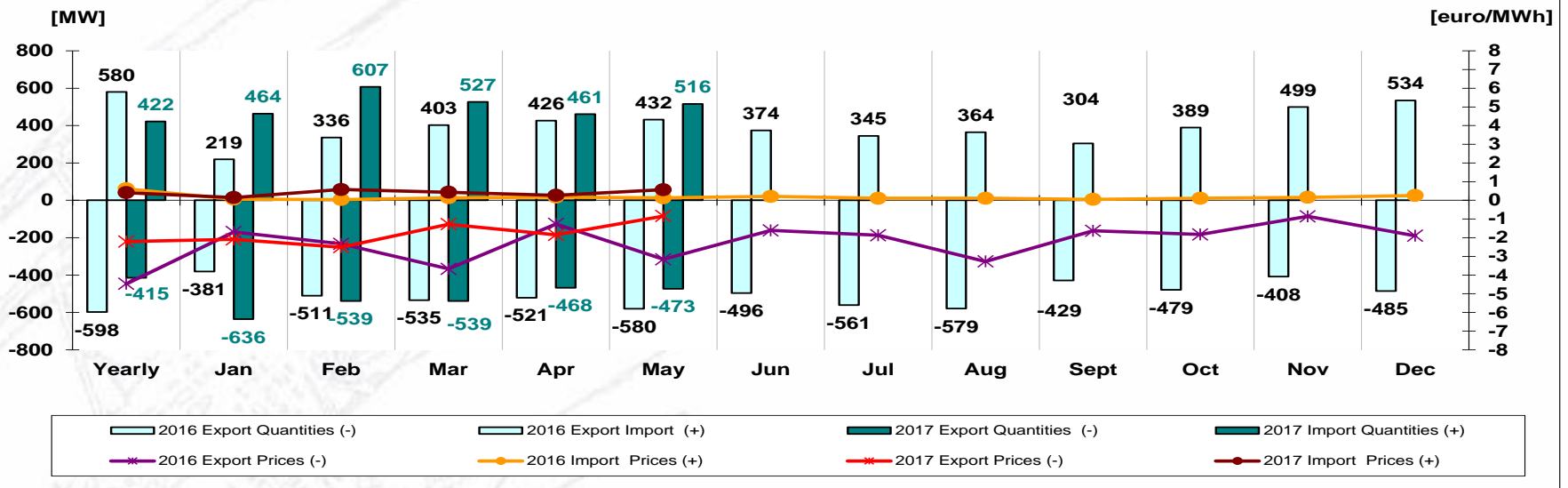
- Compared with the previous year, in May 2017 the auction price slightly increased on export direction, while offered capacity and capacity request were higher. On import direction, monthly auction price was lower than the one from May 2016.



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Market for Allocation of Cross-Border Capacities

Weighted average of requested capacities correlated with auction clearing price (weighted with allocated capacities) on Bulgarian border



Border	yearly	Jan. 17	Feb.17	Mar.17	Apr.17	May 17	Jun. 17	Jul. 17	Aug. 17	Sept. 17	Oct. 17	Nov.17	Dec. 17
Bulgaria export	2.21	2.09	2.51	1.28	1.85	0.84							
Bulgaria import	0.41	0.15	0.58	0.43	0.27	0.57							

Border	yearly	Jan. 16	Feb.16	Mar.16	Apr.16	May 16	Jun. 16	Jul. 16	Aug. 16	Sept. 16	Oct. 16	Nov.16	Dec. 16
Bulgaria export	4.47	1.70	2.33	3.67	1.27	3.16	1.61	1.87	3.27	1.63	1.83	0.86	1.90
Bulgaria import	0.62	0.06	0.04	0.14	0.17	0.13	0.21	0.11	0.11	0.05	0.11	0.16	0.26

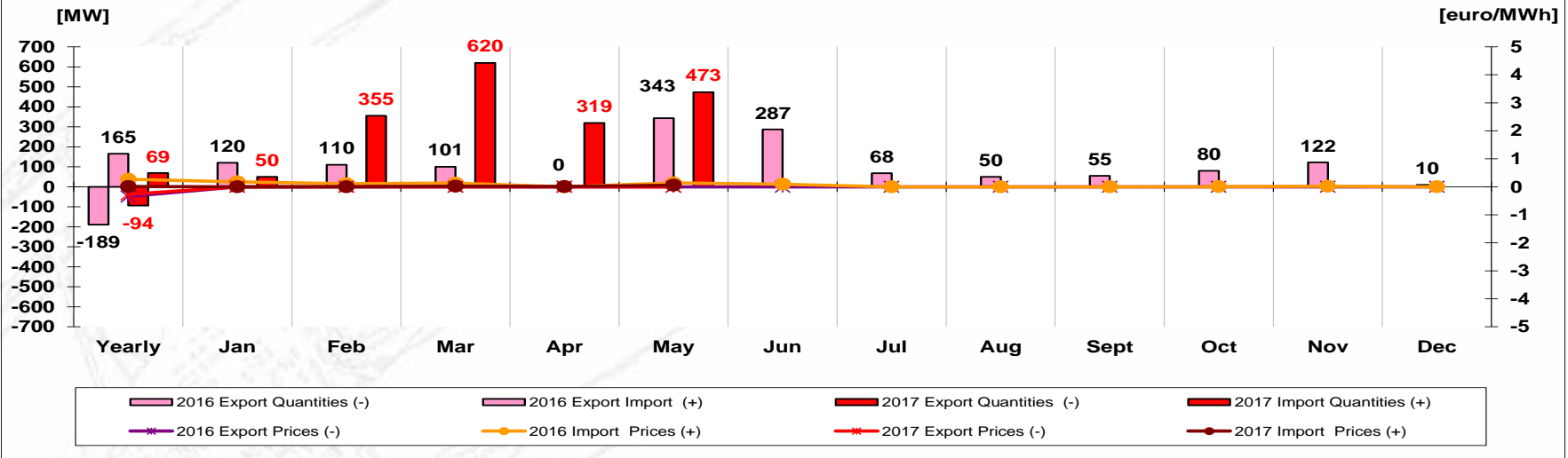
- Compared with the previous year, in May 2017 the auction price decreased on export direction, while offered capacity did not vary and capacity request was lower. Monthly auction prices were still low on import direction.

Market for Allocation of Cross-Border Capacities



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Weighted average of requested capacities correlated with auction clearing price (weighted with allocated capacities) on Ukrainian border



Border	yearly	Jan. 17	Feb.17	Mar.17	Apr.17	May 17	Jun. 17	Jul. 17	Aug. 17	Sept. 17	Oct. 17	Nov.17	Dec. 17
Ukraine export	0.27	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine import	0.01	0.00	0.00	0.02	0.01	0.06	-	-	-	-	-	-	-

Border	yearly	Jan. 16	Feb.16	Mar.16	Apr.16	May 16	Jun. 16	Jul. 16	Aug. 16	Sept. 16	Oct. 16	Nov.16	Dec. 16
Ukraine export	0.35	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine import	0.27	0.18	0.11	0.13	-	0.14	0.09	0.00	0.00	0.00	0.01	0.02	0.00

- Compared with the previous year, in May 2017 capacity request increased on import direction, while offered capacity was higher and auction price was lower. On export direction offered capacity was zero due to full allocation of capacity at yearly auction.

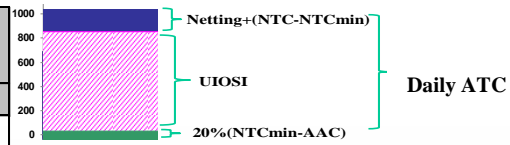
Market for Allocation of Cross-Border Capacities



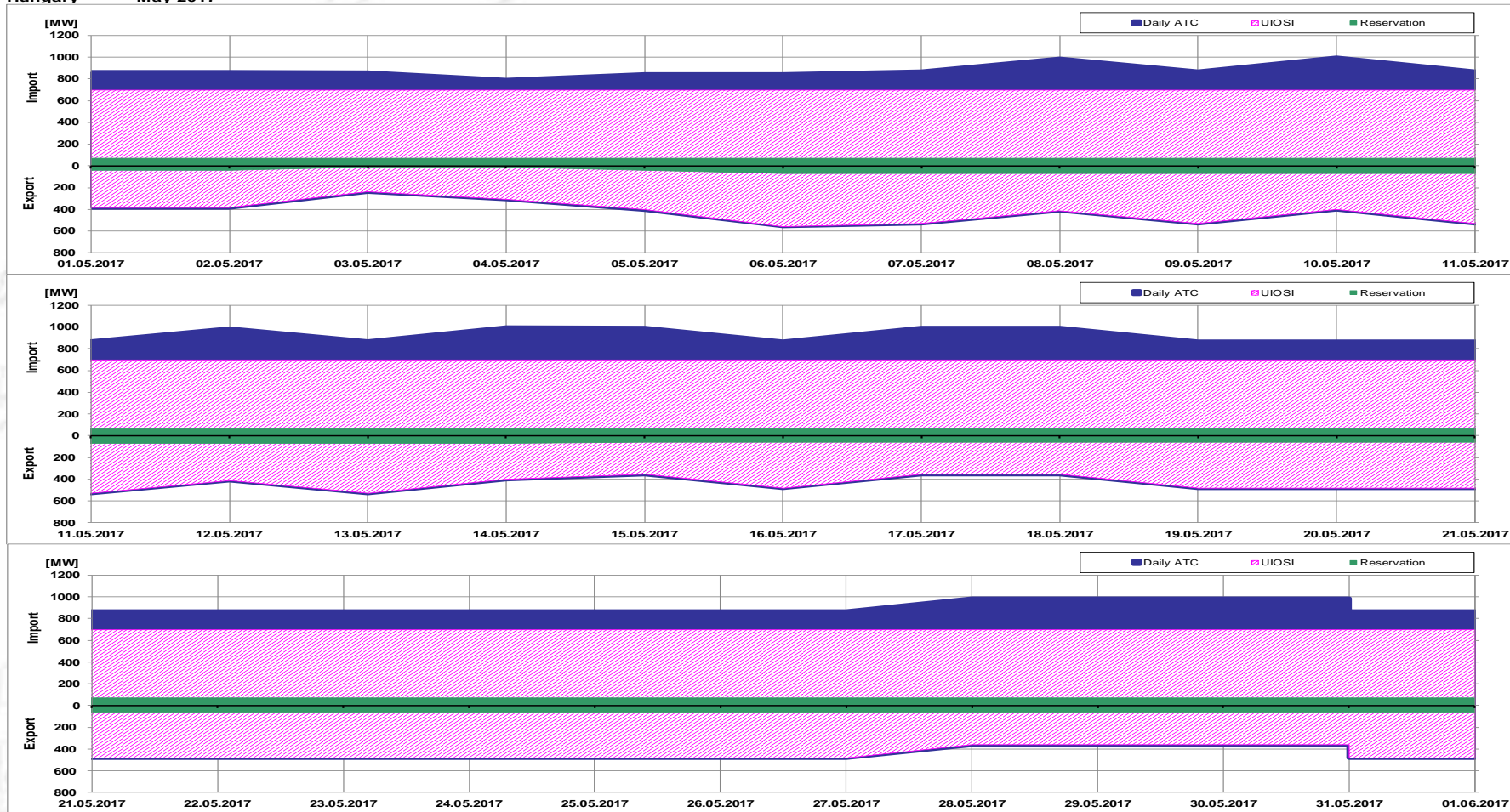
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Daily implicit Auctions on Romanian – Hungarian border

Reserved Capacity [MW] average value		Unused Capacity [MW] average value	
RO-HU	HU-RO	RO-HU	HU-RO
58	71	375	629



Hungary May 2017



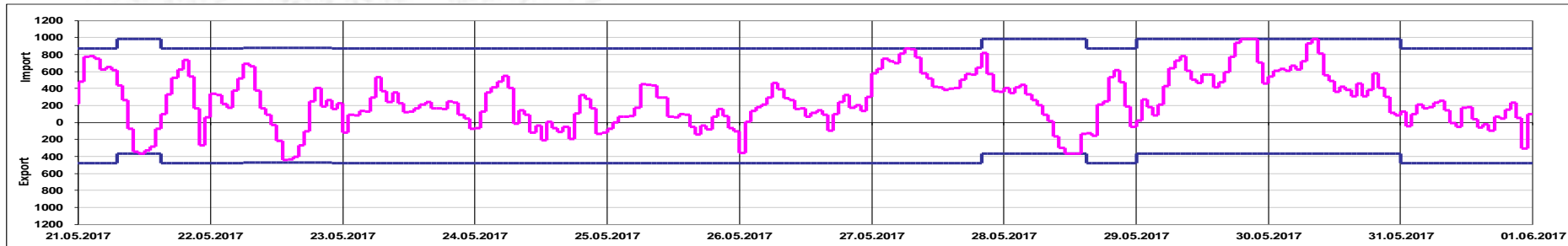
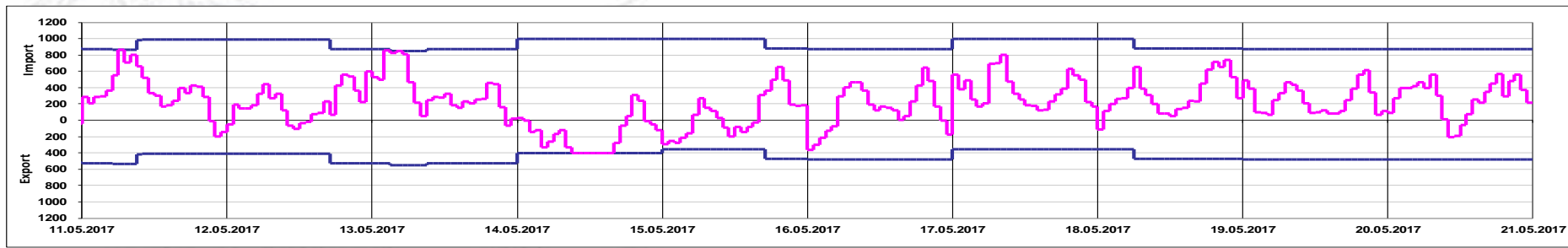
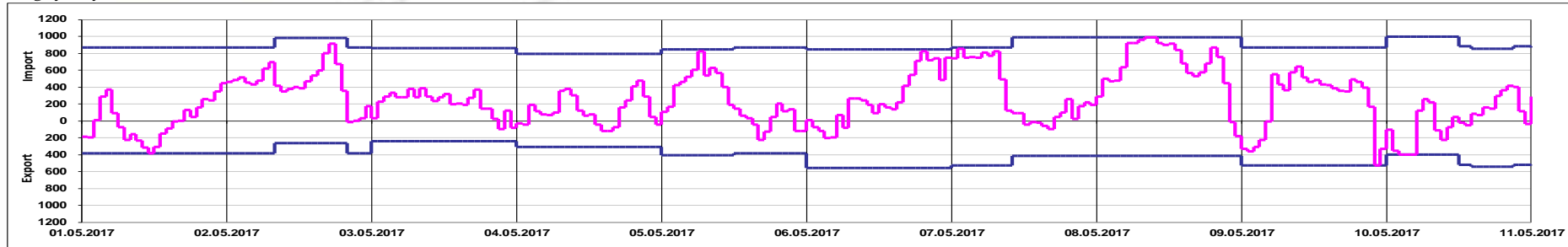


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Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

Hungary May 2017



Offered Capacity on Daily Auction [MW]

Net Position Border RO – HU [MWh]

Public



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Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

DAM Prices RO [Euro/MWh]

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	12.92	5.74	0.22	0.13	0.13	0.22	0.66	7.93	11.47	18.09	15.88	15.88	12.96	9.26	9.26	9.30	13.82	21.62	28.64	44.06	55.15	44.56	40.03	44.12	55.15
2	28.46	24.73	21.62	21.62	26.25	37.69	46.10	56.69	66.18	66.18	66.18	65.18	65.52	65.52	61.77	61.77	57.02	53.10	58.90	66.18	70.59	66.40	61.32	52.94	70.59
3	48.96	45.44	39.85	39.70	45.90	48.53	61.35	65.52	64.96	62.82	61.32	57.35	55.37	54.92	52.99	54.49	54.99	57.35	63.95	66.18	70.59	66.18	54.49	54.90	70.59
4	43.85	37.50	27.00	26.83	27.98	37.38	46.02	52.54	56.79	54.31	52.76	52.00	52.04	49.84	49.20	49.20	49.20	48.53	49.58	54.92	61.14	53.96	50.66	46.89	61.14
5	36.03	30.06	29.08	29.07	32.37	41.61	45.71	59.58	54.10	52.54	49.91	48.94	48.08	47.06	45.98	44.83	42.91	42.94	44.49	47.92	52.59	49.89	44.77	36.41	59.58
6	36.01	30.45	29.15	29.00	28.98	29.00	30.99	33.30	40.77	45.07	45.33	43.51	36.97	31.55	29.08	29.08	31.37	32.08	36.97	41.37	50.39	42.99	35.25	31.91	50.39
7	31.60	27.99	27.32	27.18	26.77	26.07	25.01	28.15	36.95	38.87	38.12	36.10	34.81	28.15	24.40	25.53	27.96	27.97	30.42	36.95	46.46	42.05	33.96	28.55	46.46
8	27.22	23.57	21.70	21.70	22.06	25.79	37.68	44.88	53.18	49.48	46.45	44.87	42.09	41.35	41.39	43.57	45.03	44.17	44.51	47.85	53.15	47.03	36.95	30.08	53.18
9	31.62	31.03	30.50	30.71	31.24	36.73	45.06	53.90	55.06	55.06	52.84	54.05	52.57	48.98	48.17	47.94	47.97	46.55	48.09	51.55	58.59	52.57	45.09	39.06	58.59
10	31.00	29.57	28.37	26.17	28.37	30.89	41.94	53.97	61.63	62.50	58.50	55.00	58.72	56.74	54.70	55.32	56.24	56.50	55.71	62.67	69.28	58.94	50.59	46.91	69.28
11	43.97	35.05	32.21	31.77	32.58	40.24	46.11	53.41	53.01	49.50	46.23	43.93	41.09	41.98	44.31	45.27	44.21	46.00	45.27	46.92	51.33	45.27	41.09	31.30	53.41
12	28.55	26.16	23.82	24.00	25.86	27.97	35.10	45.99	50.08	44.17	41.78	41.25	39.59	39.27	40.70	41.65	42.24	42.26	38.32	40.87	47.85	44.41	42.52	40.46	50.08
13	43.38	42.03	37.97	36.00	36.00	38.00	50.03	62.00	69.22	65.27	61.09	54.28	51.00	48.13	47.50	44.39	45.83	50.32	50.32	50.32	63.07	53.10	44.65	40.99	69.22
14	31.62	28.35	26.82	26.18	26.47	26.03	23.50	24.90	26.48	9.24	5.50	2.86	4.40	5.50	6.60	11.22	23.33	32.01	36.97	42.10	47.00	46.23	41.67	34.55	47.00
15	29.90	28.00	26.86	26.19	27.00	30.87	40.63	48.19	55.94	54.14	47.34	47.06	47.06	46.01	41.95	41.37	40.49	41.00	44.67	48.92	61.14	52.59	49.10	44.45	61.14
16	37.95	31.84	30.37	28.39	29.94	35.00	42.18	52.59	49.95	50.39	47.05	47.05	47.02	45.10	44.45	45.01	45.21	47.39	48.19	50.39	61.18	55.96	51.30	45.01	61.18
17	38.01	32.11	28.35	26.82	26.77	28.80	37.24	50.23	48.97	45.28	43.52	41.32	38.71	35.65	35.84	36.59	40.39	41.32	45.40	49.97	59.01	53.51	47.77	42.08	59.01
18	28.37	26.17	23.24	26.17	28.04	34.06	41.96	57.00	58.93	54.24	48.99	48.05	53.52	49.94	48.58	47.06	54.53	53.00	54.53	63.11	69.27	59.81	48.93	46.99	69.27
19	43.88	35.04	31.36	30.44	31.96	30.91	41.93	49.59	56.58	50.21	46.56	44.00	43.04	40.81	39.53	41.28	41.28	41.53	42.32	44.01	51.43	50.19	42.40	40.70	56.58
20	48.08	36.85	30.08	28.21	26.92	28.09	27.00	30.18	36.74	40.32	41.41	36.74	37.94	34.82	32.36	33.54	36.26	37.08	36.25	39.16	45.09	43.91	41.23	37.47	48.08
21	40.27	28.44	24.04	24.67	22.95	21.40	21.00	18.20	19.25	18.38	17.54	16.44	17.78	15.69	16.55	17.79	25.94	29.65	32.66	35.20	45.45	45.97	35.70	32.00	45.97
22	29.10	28.10	26.76	26.90	27.40	28.69	40.61	50.99	65.00	68.84	67.98	67.98	69.93	69.93	67.98	62.92	59.99	52.06	50.21	53.97	67.98	62.09	52.61	47.09	69.93
23	41.50	35.08	32.83	30.47	31.08	32.95	43.41	65.11	61.92	60.17	60.94	60.94	62.92	62.92	61.99	61.94	62.92	60.94	53.05	53.92	61.62	58.75	52.39	46.98	65.11
24	40.37	35.44	34.40	32.91	32.62	37.48	54.39	69.96	65.13	64.10	61.56	59.02	63.00	60.00	58.77	58.99	55.99	54.39	49.23	50.95	58.73	54.05	46.60	42.04	69.96
25	43.32	34.96	28.96	30.93	31.71	34.53	46.98	56.06	57.00	56.60	52.43	50.99	52.00	47.39	45.00	43.88	45.00	45.05	49.10	51.76	56.60	52.43	49.90	46.00	57.00
26	44.90	39.02	36.47	34.92	36.25	44.38	48.10	61.12	65.71	65.20	65.26	63.06	65.26	62.08	58.89	58.89	55.77	51.08	54.08	61.08	69.21	63.06	52.10	48.08	69.21
27	44.14	39.61	36.57	35.94	34.27	33.20	37.50	40.99	45.98	52.31	50.55	54.01	48.14	44.84	41.32	38.89	41.12	41.01	41.62	43.86	44.99	44.54	40.31	36.20	54.01
28	34.02	33.03	21.50	18.35	17.00	13.60	15.00	21.74	20.28	24.09	24.58	22.38	21.94	19.75	17.55	22.95	32.48	35.11	38.82	48.62	54.42	52.32	46.26	38.66	54.42
29	31.00	27.76	26.50	26.41	26.50	28.89	37.70	44.04	44.07	45.53	44.24	44.91	43.10	42.04	44.53	44.56	45.74	44.07	45.80	54.42	65.17	54.42	46.03	42.06	65.17
30	40.06	38.06	33.13	30.00	30.00	34.26	48.05	52.03	52.00	50.00	57.06	58.05	62.98	60.78	58.59	60.78	49.02	51.10	50.01	48.05	50.46	47.92	40.62	34.46	62.98
31	42.75	39.44	35.00	32.24	30.91	37.99	48.27	53.91	58.32	58.36	56.93	54.93	55.94	54.34	54.05	53.75	56.00	52.98	53.46	50.88	54.78	53.99	52.68	49.87	58.36

Average 42.54 EUR/MWh

Public



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

Congestion Prices [Euro/MWh]

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	-	-	-	-	-	-	-	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	-	0.07
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
8	-	-	-	-	-	-	-	-	6.14	2.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.14
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
10	-	-	0.77	1.76	0.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.76
11	-	-	-	-	-	-	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
14	-	-	-	-	-	-	-	-	-	20.72	27.37	32.45	26.12	16.77	12.90	8.53	-	-	-	-	-	-	-	-	32.45
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
21	-	-	-	-	-	-	-	-	-	-	-	1.64	-	-	-	-	-	-	-	-	-	-	-	-	1.64
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
27	-	-	-	-	-	-	4.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.66
28	-	-	-	-	-	-	-	-	-	-	-	4.65	5.32	0.34	-	-	-	-	-	-	-	-	-	-	5.32
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.06	14.19	0.20	-	-	14.19
30	-	-	-	-	-	-	-	-	2.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.56
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00

Average **8.59 EUR/MWh**

Public

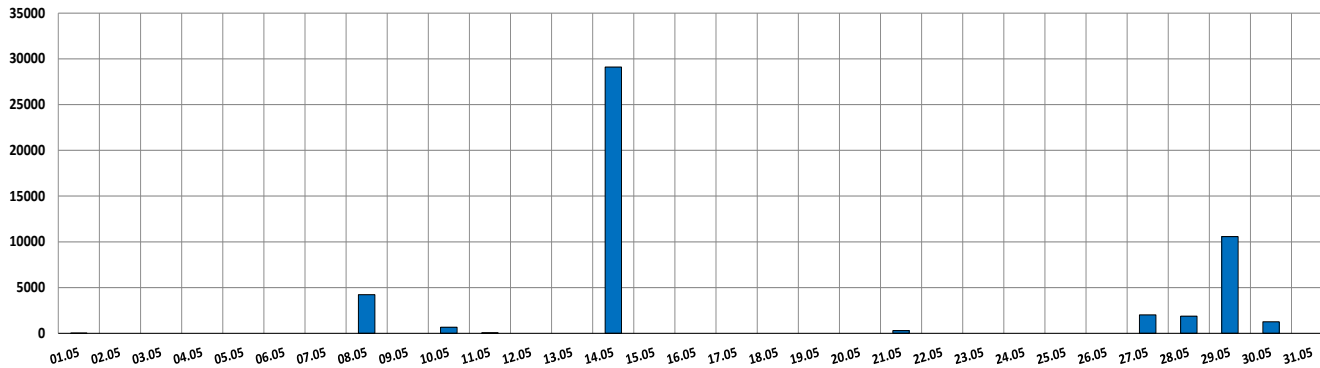


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

Congestion Income RO



Day	Congestion Income border RO-HU [Euro]	Congestion Income RO [Euro]
01.05	27	13
02.05	0	0
03.05	0	0
04.05	0	0
05.05	0	0
06.05	0	0
07.05	0	0
08.05	8447	4224
09.05	0	0
10.05	1327	663
11.05	112	56
12.05	0	0
13.05	0	0
14.05	58234	29117
15.05	0	0
16.05	0	0
17.05	0	0
18.05	0	0
19.05	0	0
20.05	0	0
21.05	597	298
22.05	0	0
23.05	0	0
24.05	0	0
25.05	0	0
26.05	0	0
27.05	4045	2022
28.05	3753	1876
29.05	21150	10575
30.05	2524	1262
31.05	0	0
Total	100216	50108

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-HU	HU-RO	RO-HU	HU-RO
63937	36279	52810	23493
100216		76303	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
23913	11956

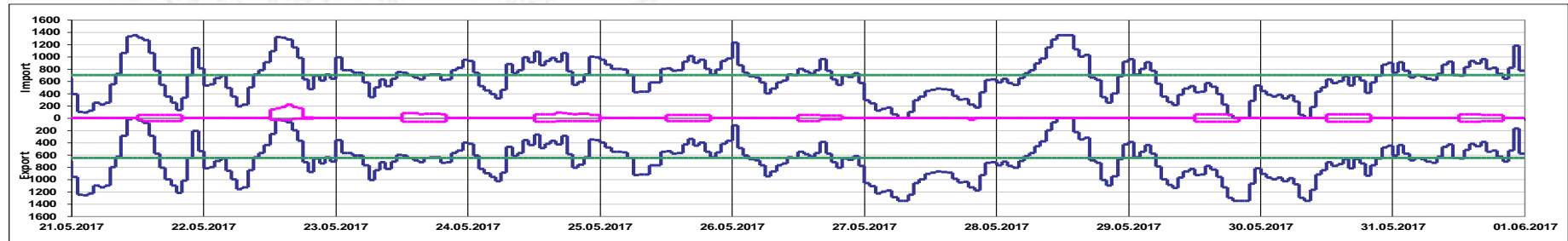
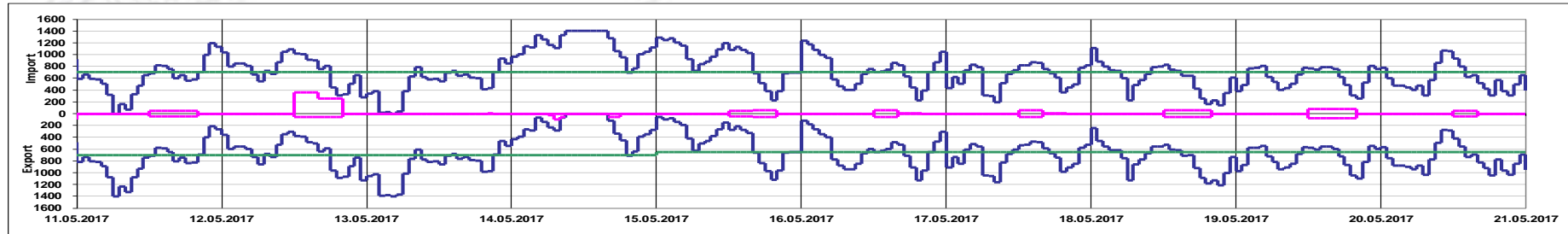
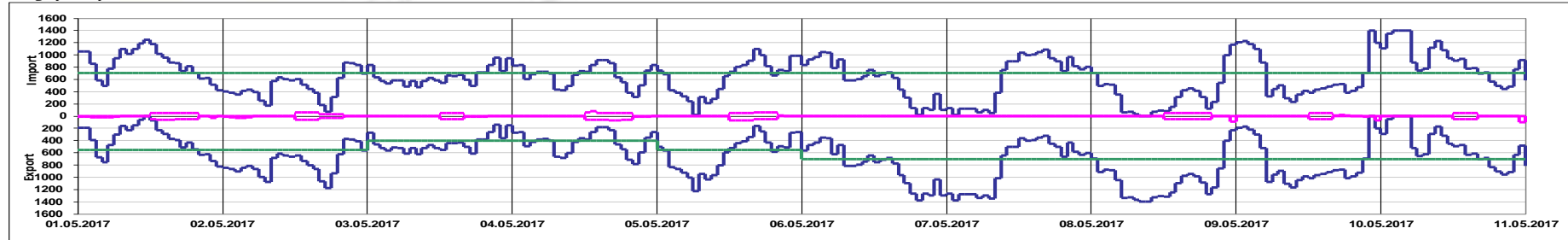


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Hungarian border

Hungary May 2017



Offered Capacity on Intraday Auction Import (+) / Export (-) [MW]

Allocated Capacity on Intraday Auction Import (+) / Export (-) [MW]

Net Transfer Capacity (NTC) Import (+) / Export (-) [MW]

Public



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Hungarian border

Auction Price [Euro/MWh] - Import

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hungary May 2017

Public

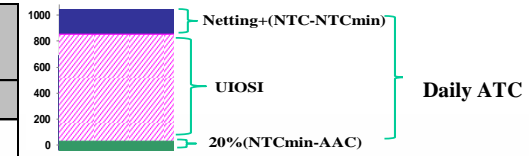
Market for Allocation of Cross-Border Capacities



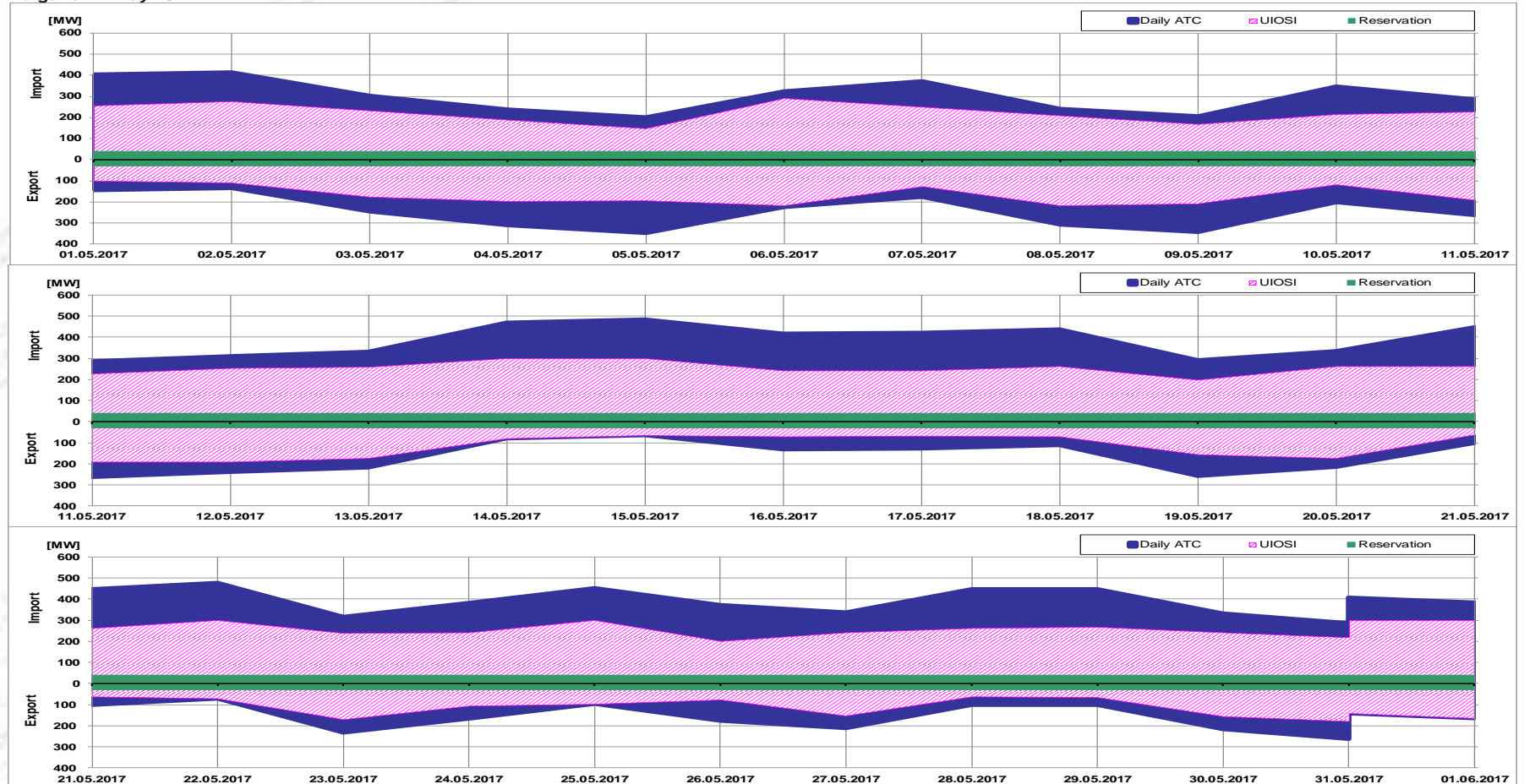
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Societate Administrată în Sistem Dualist

Daily Auctions on Romanian – Bulgarian border

Reserved Capacity [MW] average value		Unused Capacity [MW] average value	
RO-BG	BG-RO	RO-BG	BG-RO
30	40	130	191



Bulgaria May 2017

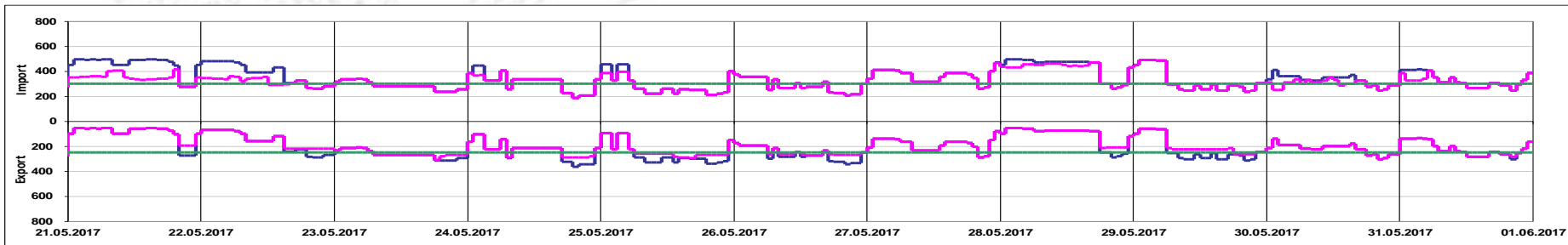
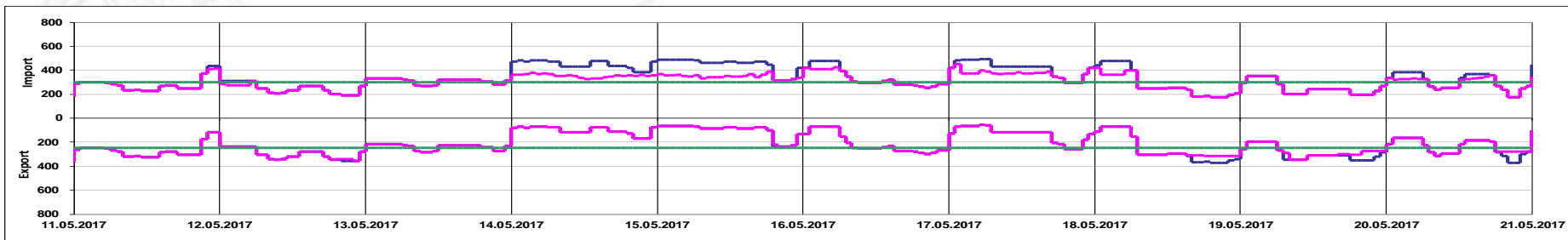
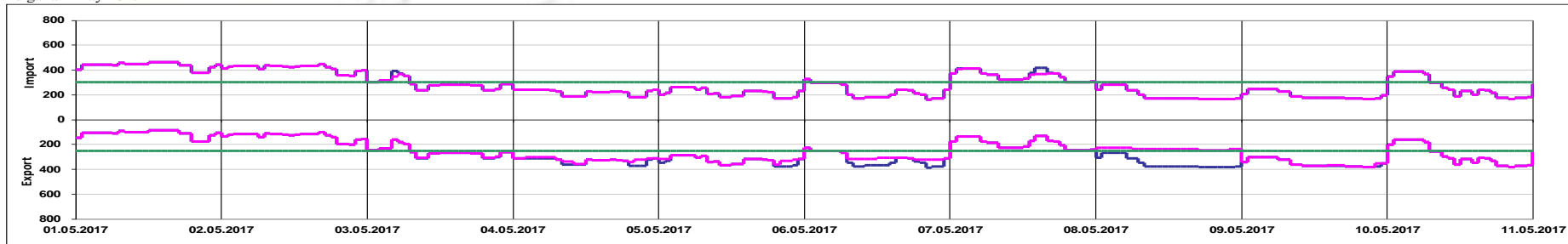




Transelectrica®
Societate Administrată în Sistem Dualist

Daily Auctions on Romanian – Bulgarian border

Bulgaria May 2017



Offered Capacity on Daily Auction Import (+) / Export (-) [MW]

Allocated Capacity on Daily Auction Import (+) / Export (-) [MW]

Net Transfer Capacity (NTC) Import (+) / Export (-) [MW]

Market for Allocation of Cross-Border Capacities



Transelectrica®
Societate Administrată în Sistem Dualist

Daily Auctions on Romanian – Bulgarian border

Auction Price [Euro/MWh] – Export

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	1.51	1.65	1.65	1.65	1.65	1.65	1.65	1.69	1.11	0.73	0.88	0.88	0.88	0.88	0.88	1.36	0.88	0.88	0.88	0.87	0.63	0.48	0.62	1.51	1.69
2	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.23	0.33	0.16	0.16	0.16	0.14	0.23	0.33
3	0.06	0.03	0.06	0.06	0.23	0.16	0.11	0.03	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.03	0.03	0.23
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.00	0.00	0.00	0.00	0.03	0.03
5	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01
6	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.07
7	0.16	0.33	0.33	0.33	0.33	0.16	0.16	0.16	0.07	0.07	0.07	0.09	0.09	0.27	0.69	0.69	0.33	0.33	0.08	0.06	0.06	0.06	0.04	0.04	0.69
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.07	0.07	0.07	0.07	0.07	0.16	0.16	0.07	0.07	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
10	0.23	0.26	0.51	0.51	0.51	0.51	0.23	0.20	0.33	0.33	0.20	0.06	0.07	0.07	0.02	0.03	0.03	0.03	0.02	0.00	0.00	0.00	0.00	0.01	0.51
11	0.12	0.12	0.12	0.12	0.12	0.12	0.07	0.07	0.07	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.07	0.06	0.10	0.10	0.10	0.36	0.97	0.88	0.97
12	0.19	0.19	0.19	0.19	0.19	0.26	0.13	0.26	0.33	0.56	0.56	0.56	1.14	1.14	1.14	0.38	0.13	0.13	0.00	0.00	0.00	0.00	0.06	0.12	1.14
13	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.16	0.16	0.19	0.19	0.19	0.19	0.23	0.23	0.09	0.06	0.06	0.03	0.19	0.23	0.23
14	0.91	2.50	1.50	4.07	15.25	23.47	2.05	8.48	12.45	12.94	12.27	11.51	12.47	10.32	15.10	6.29	1.00	1.60	1.60	1.26	0.33	0.33	0.33	2.78	23.47
15	0.55	0.55	2.25	1.94	0.55	0.55	0.55	0.17	0.17	0.17	0.17	0.27	0.27	0.16	0.16	0.16	0.27	0.27	0.16	0.00	0.02	0.02	0.02	0.07	2.25
16	0.27	0.56	0.56	0.56	0.56	0.56	0.16	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.07	0.06	0.07	0.08	0.08	0.56
17	0.08	0.22	0.22	0.22	0.22	0.22	0.28	0.46	0.84	0.84	0.84	0.76	1.05	1.05	1.05	0.77	0.07	0.06	0.03	0.03	0.03	0.07	0.12	0.12	1.05
18	0.17	0.46	0.46	0.46	0.46	0.33	0.17	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46
19	0.01	0.07	0.07	0.07	0.07	0.07	0.02	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
20	0.08	0.26	0.26	0.26	0.26	0.26	0.18	0.03	0.03	0.03	0.03	0.03	0.33	0.33	0.33	0.33	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.07	0.33
21	0.10	0.44	0.87	0.44	0.87	0.44	0.87	0.87	0.11	0.11	0.11	0.44	0.44	0.44	0.87	0.87	0.44	0.44	0.44	0.15	0.00	0.00	0.00	0.10	0.87
22	0.07	0.10	0.10	0.10	0.10	0.10	0.10	0.07	0.05	0.05	0.05	0.05	0.05	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
23	0.03	0.16	0.16	0.16	0.16	0.16	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.16
24	0.07	0.44	0.44	0.02	0.02	0.02	0.11	0.00	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.44
25	0.25	0.65	0.03	0.46	0.25	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.65
26	0.08	0.11	0.11	0.11	0.07	0.07	0.00	0.04	0.00	0.00	0.00	0.03	0.00	0.02	0.02	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
27	0.12	0.21	0.21	0.21	0.21	0.21	0.21	0.27	0.16	0.16	0.16	0.16	0.16	0.19	0.36	0.36	0.36	0.36	0.36	0.07	0.03	0.04	0.12	0.38	0.38
28	0.05	0.07	0.07	0.07	0.07	0.07	0.05	0.05	0.05	0.05	0.07	0.07	0.07	0.07	0.07	0.07	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.05	0.07
29	0.13	0.19	0.19	0.19	0.13	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.02	0.19
30	0.07	0.10	0.07	0.07	0.07	0.03	0.03	0.03	0.03	0.03	0.18	0.18	0.18	0.38	0.38	0.38	0.03	0.03	0.03	0.03	0.02	0.02	0.03	0.03	0.38
31	0.19	0.13	0.13	0.13	0.10	0.07	0.06	0.03	0.07	0.13	0.07	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.10	0.10	0.19

Bulgaria May 2017



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Bulgarian border

Auction Price [Euro/MWh] – Import

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	
1	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.07	0.07	0.07	0.07	0.07	0.03	0.03	0.03	0.03	0.03	0.09	0.10	0.20	0.16	0.16	0.09	0.07	0.20	
2	0.23	0.10	0.07	0.07	0.03	0.03	0.03	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.20	0.44	0.44	0.44	0.44	0.40	0.03	0.44	
3	0.03	0.03	0.03	0.03	0.00	0.00	0.01	0.03	0.07	0.07	0.03	0.07	0.05	0.03	0.05	0.05	0.07	0.11	0.21	0.41	0.41	0.44	0.51	0.35	0.09	0.51
4	0.50	0.50	0.62	0.62	0.55	0.55	0.51	0.55	0.55	0.55	0.11	0.33	0.11	0.11	0.11	0.26	0.33	0.88	0.88	1.70	1.70	3.11	1.13	0.55	3.11	
5	1.50	1.16	0.20	0.20	0.20	0.33	0.55	0.21	0.31	0.31	0.55	1.16	0.55	0.33	0.26	0.26	2.15	2.67	5.00	5.55	5.01	5.00	4.10	3.36	5.55	
6	0.20	0.22	0.10	0.10	0.10	0.22	1.05	2.99	1.16	1.16	1.16	1.56	1.05	0.55	0.55	0.88	1.05	2.78	3.33	4.00	7.00	5.50	5.00	0.88	7.00	
7	0.03	0.00	0.01	0.01	0.01	0.03	0.03	0.03	0.04	0.07	0.07	0.04	0.03	0.00	0.00	0.00	0.00	0.01	0.04	0.15	0.23	0.23	0.15	0.07	0.23	
8	0.18	0.50	0.50	0.50	0.50	0.50	1.50	3.86	2.00	2.23	2.00	4.12	3.50	3.50	3.50	3.50	3.50	5.55	5.55	8.14	7.54	5.55	0.77	8.14	8.14	
9	0.55	0.23	0.23	0.23	0.16	0.44	0.33	0.88	1.56	1.56	1.69	3.66	5.55	3.21	3.21	3.70	5.55	6.66	6.66	11.69	9.44	15.00	6.54	2.10	15.00	
10	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.07	1.69	0.88	0.88	1.20	1.23	2.34	2.34	3.33	3.33	3.33	3.12	2.34	0.54	3.33	
11	0.07	0.04	0.04	0.04	0.03	0.12	0.13	0.12	0.16	0.16	0.16	0.23	0.23	0.23	0.16	0.23	0.23	0.69	0.88	0.69	0.69	0.08	0.00	0.00	0.88	
12	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.02	0.04	0.06	0.03	0.06	0.04	0.02	0.03	0.03	0.03	0.11	0.88	3.33	3.33	3.33	1.33	0.05	3.33	
13	0.12	0.02	0.07	0.12	0.12	0.14	0.06	0.06	0.12	0.12	0.12	0.12	0.04	0.04	0.04	0.06	0.06	0.12	0.55	0.55	0.55	0.33	0.06	0.06	0.55	
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.07	0.01	0.00	0.11	
16	0.07	0.00	0.00	0.00	0.00	0.00	0.09	0.18	0.04	0.06	0.11	0.11	0.11	0.09	0.09	0.11	0.11	0.11	0.18	3.33	3.68	2.50	1.00	0.28	3.68	
17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.82	1.34	1.55	0.54	0.01	1.55	
18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.09	0.53	0.37	1.36	2.30	3.11	3.11	1.00	0.29	3.11	
19	0.05	0.02	0.02	0.02	0.02	0.03	0.26	0.54	0.54	0.22	0.22	0.11	0.09	0.11	0.11	0.08	0.20	0.46	0.95	3.50	4.22	4.22	0.90	0.33	4.22	
20	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.02	0.25	2.50	3.33	3.33	0.22	0.11	3.33	
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.05	0.00	0.10	
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.11	0.39	0.27	0.19	0.19	0.39	
23	0.03	0.03	0.03	0.03	0.03	0.01	0.07	0.22	0.47	0.49	0.48	0.51	0.22	0.31	0.31	0.29	0.39	0.49	0.88	1.00	3.11	3.11	0.51	0.28	3.11	
24	0.02	0.00	0.00	0.03	0.03	0.03	0.03	1.62	0.77	1.00	0.72	0.70	0.21	0.03	0.05	0.05	0.05	1.70	1.70	1.70	3.50	3.50	0.33	0.01	3.50	
25	0.00	0.00	0.03	0.00	0.00	0.05	0.65	0.57	0.57	0.88	0.88	0.74	0.44	0.88	0.57	0.88	1.61	1.61	2.50	3.01	4.01	4.01	2.31	0.27	4.01	
26	0.09	0.04	0.04	0.04	0.03	0.03	0.50	0.88	1.10	1.10	1.10	0.97	1.10	0.88	0.88	1.10	0.88	3.07	4.50	4.50	4.50	4.50	2.10	0.66	4.50	
27	0.07	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.11	0.11	0.07	0.16	0.16	0.03	0.03	0.03	0.03	0.07	0.16	0.52	4.56	4.46	0.52	0.00	4.56	
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.03	0.37	0.37	0.50	0.50	0.37	0.05	0.50	
29	0.33	0.33	0.33	0.19	0.13	0.19	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	2.00	2.00	2.00	2.00	2.00	2.00	1.53	2.00	
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.48	0.33	0.55	0.55	0.55	0.01	0.55	
31	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.33	0.11	0.07	0.12	0.15	0.22	0.31	0.42	0.42	0.33	0.71	1.36	1.00	1.55	1.55	0.79	0.02	1.55	

Bulgaria May 2017

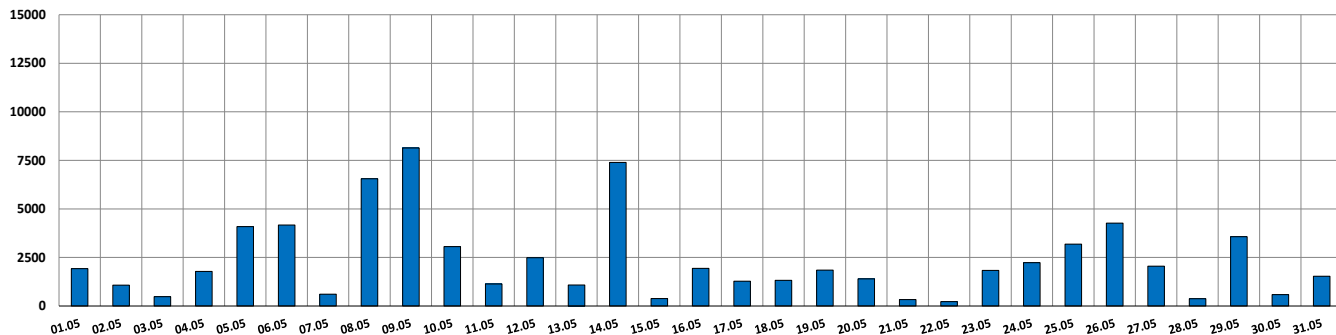
Market for Allocation of Cross-Border Capacities



Transelectrica®
Societate Administrată în Sistem Dualist

Daily Allocation on Romanian – Bulgarian border

Congestion Income RO



Day	Congestion Income border RO-BG [Euro]	Congestion Income RO [Euro]
01.05	3846	1923
02.05	2154	1077
03.05	955	477
04.05	3562	1781
05.05	8181	4090
06.05	8340	4170
07.05	1216	608
08.05	13110	6555
09.05	16280	8140
10.05	6114	3057
11.05	2275	1137
12.05	4976	2488
13.05	2166	1083
14.05	14792	7396
15.05	761	380
16.05	3879	1940
17.05	2559	1280
18.05	2650	1325
19.05	3701	1850
20.05	2793	1397
21.05	652	326
22.05	449	224
23.05	3658	1829
24.05	4464	2232
25.05	6376	3188
26.05	8535	4267
27.05	4102	2051
28.05	747	374
29.05	7132	3566
30.05	1166	583
31.05	3063	1531
Total	144655	72328

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-BG	BG-RO	RO-BG	BG-RO
32552	112103	17696	68835
144655		86530	

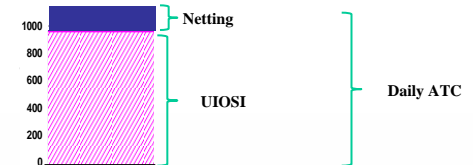
TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
58125	29062

Market for Allocation of Cross-Border Capacities

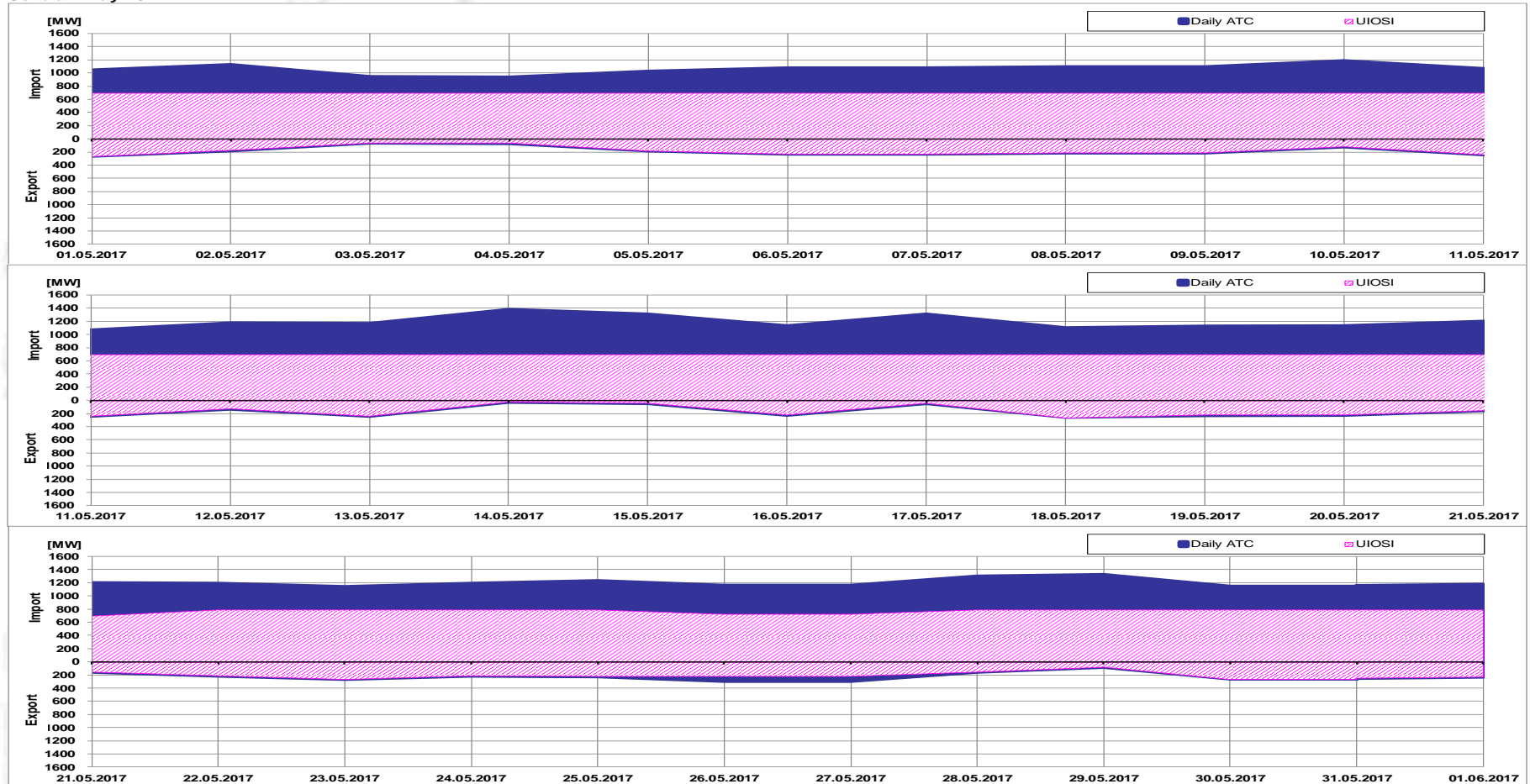


Daily Auctions on Romanian – Serbian border

Unused Capacity [MW] average value	
RO-RS	RS-RO
193	722



Serbia May 2017



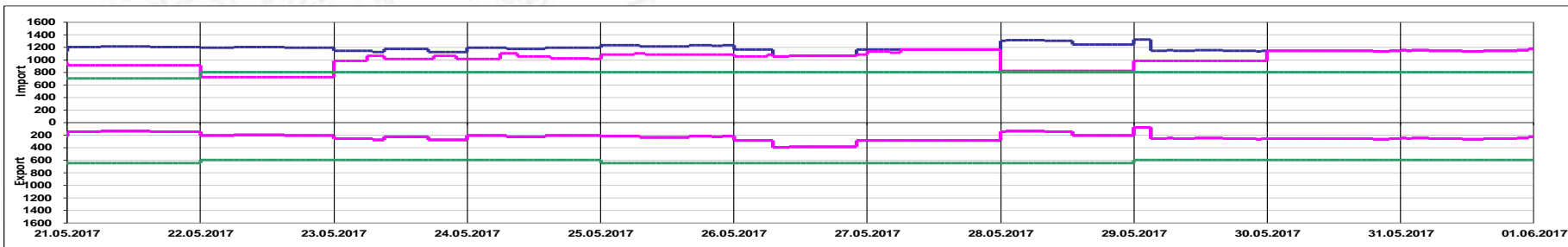
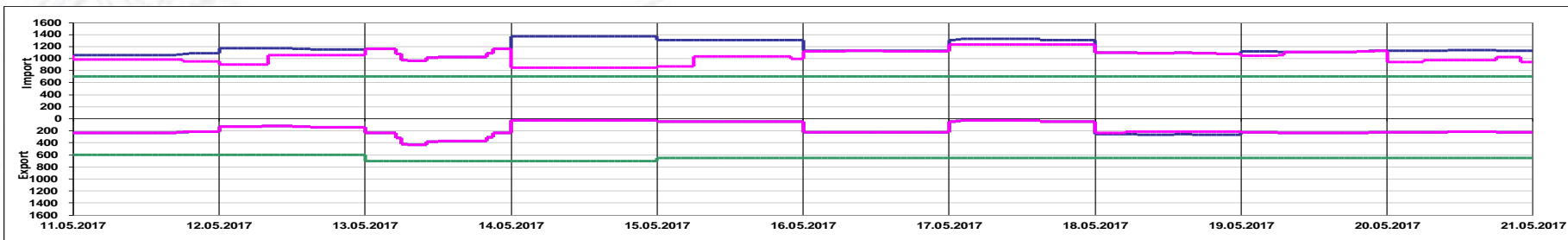
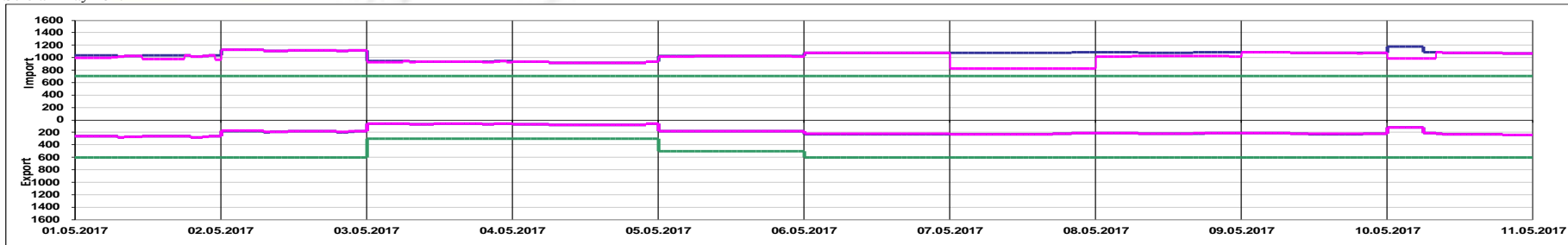


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Serbia May 2017



Offered Capacity on Daily Auction Import (+) / Export (-) [MW]

Allocated Capacity on Daily Auction Import (+) / Export (-) [MW]

Net Transfer Capacity (NTC) Import (+) / Export (-) [MW]



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] – Export

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.10	0.13	0.15	0.15	0.14	0.15
2	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
3	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20
4	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.26	0.26	0.26	0.15	0.15	0.30	0.30	0.30
5	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
6	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06
8	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
9	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05
10	1.21	1.58	1.65	1.49	1.44	1.33	0.16	0.13	0.12	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	1.65
11	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.25	0.50	0.50	1.00	1.12	2.00	2.31	2.31
12	1.09	1.09	1.09	1.09	1.00	0.55	0.55	1.00	1.00	0.55	1.00	1.00	1.62	1.62	1.62	1.09	0.78	0.78	0.34	0.44	0.44	0.74	0.74	0.78	1.62
13	0.17	0.17	0.17	0.17	0.17	0.08	0.01	0.01	0.01	0.01	0.03	0.03	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.16	0.17	0.17	0.17	0.17
14	0.74	0.74	0.74	0.74	1.33	1.33	1.33	1.33	3.15	7.10	7.72	7.20	6.29	3.65	4.04	2.50	2.50	1.81	1.98	2.15	1.88	1.74	2.08	1.99	7.72
15	0.30	0.30	0.30	0.30	0.30	0.30	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.30
16	0.04	0.04	0.04	0.04	0.04	0.04	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
17	0.11	0.20	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.56	0.56	0.51	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.56
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
20	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.08
21	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.16	0.17	0.17	0.17	0.17	0.09	0.09	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.17
22	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
23	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.09
24	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.15	0.15	0.15
25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.13	0.13	0.13	0.13	0.11	0.11	0.13	0.13	0.13
26	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.07	0.07	0.07
27	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.06
29	0.11	0.11	0.11	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.02	0.03	0.11
30	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
31	0.07	0.06	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.11	0.11

Serbia May 2017

Public

Market for Allocation of Cross-Border Capacities



Transelectrica®
Societate Administrată în Sistem Dualist

Daily Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] – Import

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.01	0.00	0.02
2	0.07	0.07	0.07	0.07	0.07	0.07	0.13	0.13	0.13	0.13	0.13	0.05	0.05	0.05	0.05	0.05	0.05	0.13	0.13	0.16	0.16	0.13	0.05	0.03	0.16
3	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.00	0.05
4	0.11	0.11	0.11	0.11	0.11	0.11	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.13	0.11	0.11	0.15
5	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.03	0.03	0.06
6	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.02	0.02	0.02	0.02	0.02	0.02	0.11	0.11	0.11	0.11	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.07	0.07	0.02	0.02	0.01	0.01	0.11
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.02	0.01	0.03
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01
27	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.02	0.05
31	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.01	0.05

Serbia May 2017

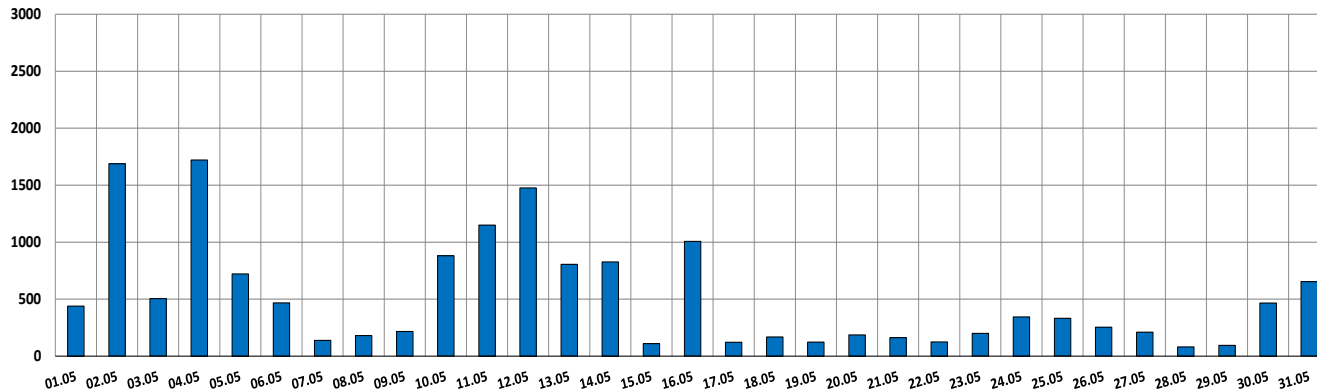
Public

Market for Allocation of Cross-Border Capacities



Daily Allocation on Romanian – Serbian border

Congestion Income RO



Day	Congestion Income border RO-RS [Euro]	Congestion Income RO [Euro]
01.05	876	438
02.05	3374	1687
03.05	1010	505
04.05	3441	1721
05.05	1442	721
06.05	935	467
07.05	277	139
08.05	361	180
09.05	433	217
10.05	1762	881
11.05	2299	1150
12.05	2953	1476
13.05	1610	805
14.05	1652	826
15.05	219	109
16.05	2013	1006
17.05	243	121
18.05	337	169
19.05	245	123
20.05	371	186
21.05	326	163
22.05	250	125
23.05	400	200
24.05	687	343
25.05	664	332
26.05	508	254
27.05	419	210
28.05	163	81
29.05	190	95
30.05	930	465
31.05	1308	654
Total	31698	15849

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-RS	RS-RO	RO-RS	RS-RO
18961	12737	18724	8734
31698		27458	

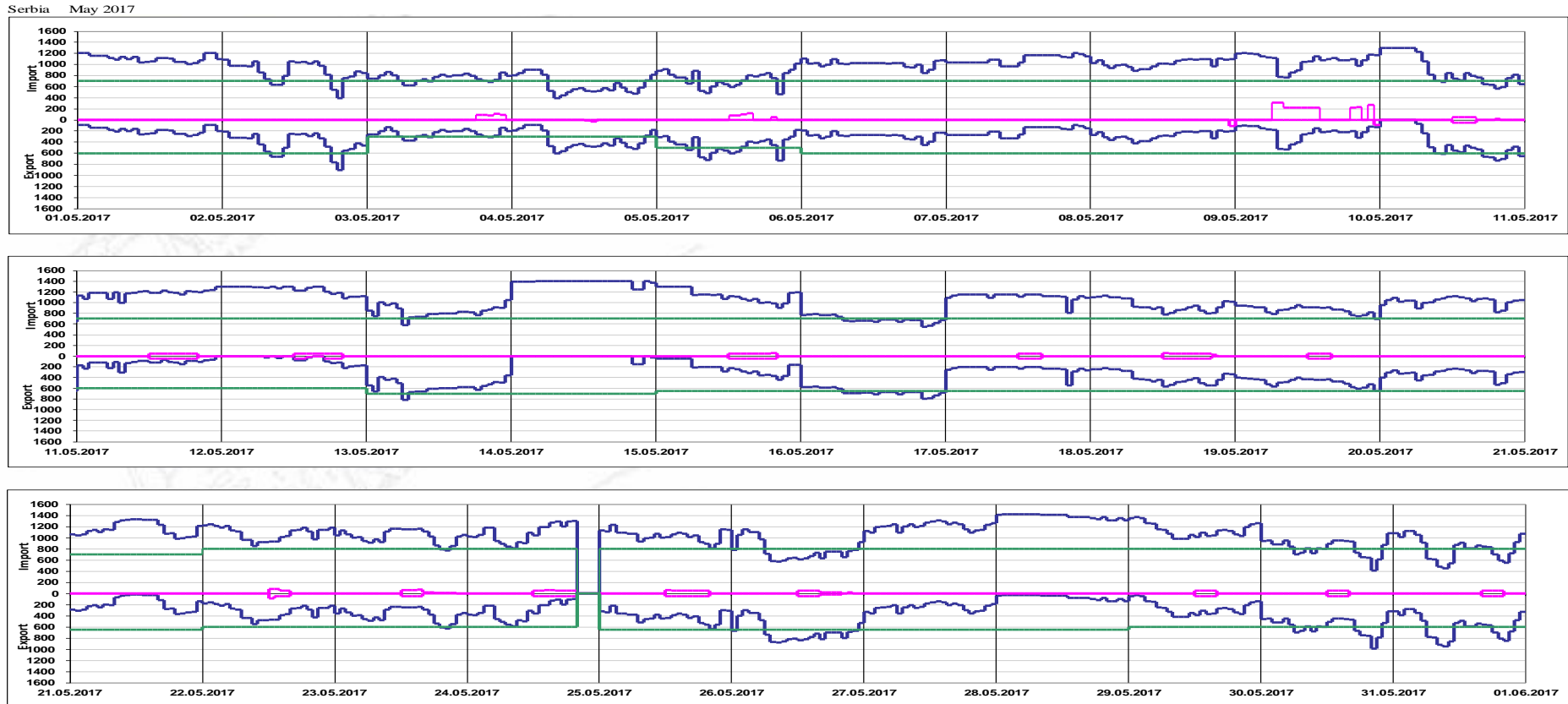
TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
4239	2120



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Serbian border



Offered Capacity on Intraday Auction Import (+) / Export (-) [MW]

Allocated Capacity on Intraday Auction Import (+) / Export (-) [MW]

Net Transfer Capacity (NTC) Import (+) / Export (-) [MW]

Note: Due to technical issues on Serbian IT platform, intraday auction was canceled for 24.05.2017, session 6 (21:00 – 24:00 CET).



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] - Export

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	-	-	-	-	-	0.00	0.00	0.00	-	0.00	-	-	0.00	0.00	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Serbia May 2017

Note: Due to technical issues on Serbian IT platform, intraday auction was canceled for 24.05.2017, session 6 (21:00 – 24:00 CET).

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Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] - Import

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Serbia May 2017

Note: Due to technical issues on Serbian IT platform, intraday auction was canceled for 24.05.2017, session 6 (21:00 – 24:00 CET).

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Market for Allocation of Cross-Border Capacities

Statistics on Monthly Auction

May 2017		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Hungary export	Number of Capacity Traders	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
	Number of Capacity Holders	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	Number of Bids	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	
Hungary import	Number of Capacity Traders	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
	Number of Capacity Holders	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	Number of Bids	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	
Bulgaria export	Number of Capacity Traders	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	Number of Capacity Holders	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	Number of Bids	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	
Bulgaria import	Number of Capacity Traders	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	Number of Capacity Holders	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	Number of Bids	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	
Serbia export	Number of Capacity Traders	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
	Number of Capacity Holders	10	10	4	4	8	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	7	7	7	9	9	9	9	7	7
	Number of Bids	60	60	53	53	60	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	
Serbia import	Number of Capacity Traders	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	Number of Capacity Holders	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	11	11	11	11	11	11	11	11	
	Number of Bids	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
Ukraine export	Number of Capacity Traders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Number of Bids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ukraine import	Number of Capacity Traders	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	Number of Capacity Holders	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	
	Number of Bids	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Moldavia import RO_Cioara	Number of Capacity Traders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Number of Bids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Moldavia import RO_Costesti	Number of Capacity Traders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Number of Bids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Moldavia import RO_Vulcanesti	Number of Capacity Traders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Number of Bids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

May 2017	Maximum	Minimum
Number of Capacity Traders	23	6
Number of Capacity Holders	12	3
Number of Bids	135	15

Public

Market for Allocation of Cross-Border Capacities



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Statistics on Daily Auctions

May 2017		Daily Auctions																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Serbia Export	Maximum Number of Capacity Traders	4	6	6	8	7	6	5	6	7	8	8	9	6	5	4	6	6	6	5	5	4	4	6	7	6	6	6	5	5	6	7
	Maximum Number of Capacity Holders	3	3	4	4	7	6	5	6	7	6	5	4	6	2	3	5	4	6	5	5	3	4	6	5	5	6	6	5	5	6	5
	Maximum Number of Bids	11	14	14	16	15	14	12	15	13	17	17	20	13	16	10	12	10	12	13	13	10	11	14	16	14	16	13	11	11	13	16
Serbia Import	Maximum Number of Capacity Traders	6	6	6	10	8	7	4	5	7	8	8	8	8	4	5	8	7	8	8	7	5	4	7	7	6	8	8	4	4	9	9
	Maximum Number of Capacity Holders	6	5	6	8	8	7	4	5	7	7	8	8	8	4	5	8	7	8	8	7	5	4	7	7	6	8	8	4	4	9	9
	Maximum Number of Bids	22	26	20	28	26	24	15	19	23	29	22	23	29	17	22	29	25	26	26	21	17	14	22	22	22	24	25	16	17	29	28
Bulgaria Export	Maximum Number of Capacity Traders	4	4	6	6	6	5	4	5	7	6	7	6	6	4	5	6	8	8	6	5	5	4	6	7	8	7	9	6	6	8	8
	Maximum Number of Capacity Holders	4	3	6	6	6	5	4	5	7	6	7	6	6	4	5	5	5	6	6	5	5	4	6	7	7	6	6	5	6	6	7
	Maximum Number of Bids	14	14	18	17	17	14	13	12	18	20	20	18	18	18	17	20	20	18	17	16	16	12	17	17	16	17	19	13	13	20	21
Bulgaria Import	Maximum Number of Capacity Traders	7	7	10	12	13	13	8	10	11	11	11	12	11	7	8	10	10	10	12	9	5	5	13	12	12	12	10	8	8	11	12
	Maximum Number of Capacity Holders	6	7	9	9	10	10	7	8	9	10	9	9	9	7	8	9	9	9	9	7	5	5	10	10	10	9	9	7	6	10	10
	Maximum Number of Bids	19	20	24	29	29	27	19	22	24	23	25	22	26	17	20	25	23	21	25	21	16	15	25	23	24	25	22	19	24	24	27

Note: In the table are presented the daily maximum hourly values.

Market for Allocation of Cross-Border Capacities



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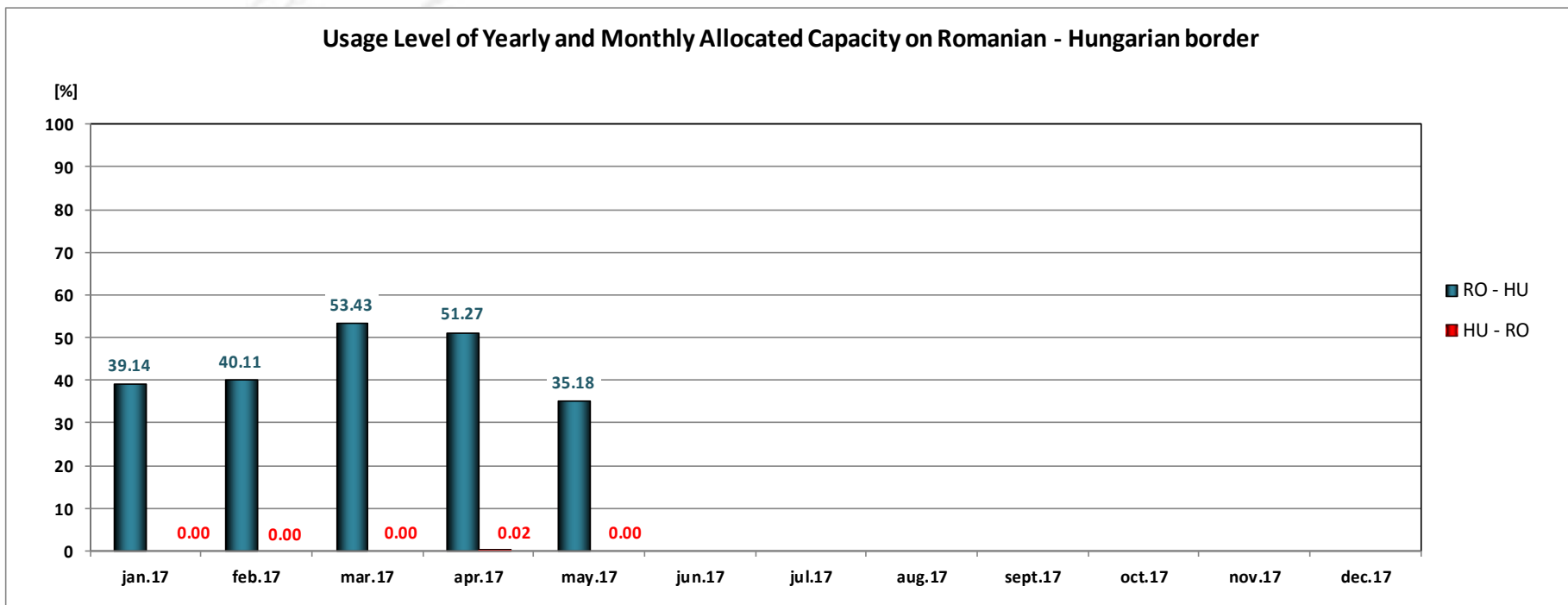
Statistics on Intraday Auctions

May 2017		Intraday Auctions																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Hungary Export	Maximum Number of Capacity Traders	2	2	1	4	2	0	0	1	2	2	1	2	0	1	2	2	2	2	2	1	1	2	2	2	1	2	1	0	2	2	2
	Maximum Number of Capacity Holders	2	2	1	4	2	-	-	1	1	2	1	2	-	1	2	2	2	2	2	1	1	2	2	2	1	2	1	-	2	2	2
Hungary Import	Maximum Number of Capacity Traders	1	2	1	2	1	0	0	1	1	1	1	3	1	0	2	2	2	2	2	1	1	4	3	3	1	2	0	0	2	2	2
	Maximum Number of Capacity Holders	1	2	1	2	1	-	-	1	1	1	1	3	1	-	2	2	2	2	2	1	1	4	3	3	1	2	-	-	2	2	2
Serbia Export	Maximum Number of Capacity Traders	0	0	0	1	0	0	0	1	1	1	1	1	0	0	1	0	1	1	1	0	0	2	1	1	1	1	0	0	1	1	1
	Maximum Number of Capacity Holders	-	-	-	1	-	-	-	1	1	1	1	1	-	-	1	-	1	1	1	-	-	2	1	1	1	1	-	-	1	1	1
Serbia Import	Maximum Number of Capacity Traders	0	0	1	0	1	0	0	0	1	1	1	1	0	0	2	0	1	2	1	0	0	2	2	2	2	1	0	0	1	1	1
	Maximum Number of Capacity Holders	-	-	1	0	1	-	-	-	1	1	1	1	-	-	2	-	1	2	1	-	-	2	2	2	2	1	-	-	1	1	1

Note: In the table are presented the daily maximum hourly values.

Long term Auction on Romanian – Hungarian border

Usage Level of Allocated Capacity



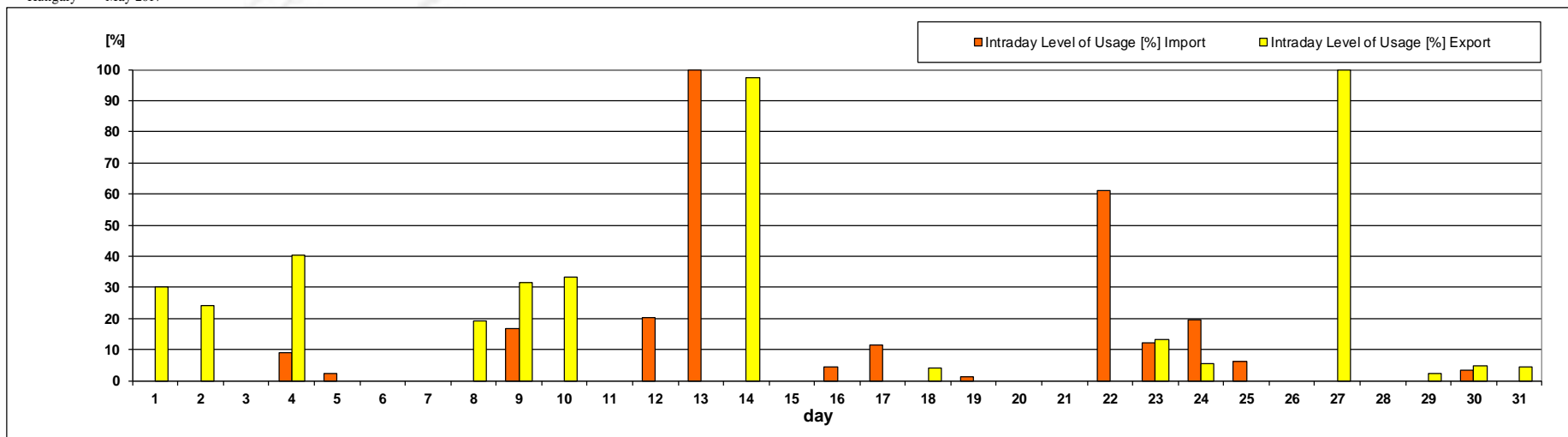
CET

Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 43.83 % on export direction and 0 % on import direction.

Intraday Auctions on Romanian – Hungarian border

Usage Level of Intraday Allocated Capacity

Hungary May 2017



Intraday Level of Usage [%]

May 2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Import	0.00	0.00	0.00	9.09	2.44	-	-	0.00	16.67	0.00	0.00	20.16	100.00	-	0.00	4.29	11.43	0.00	1.25	0.00	0.00	61.26	12.30	19.70	6.00	0.00	-	-	0.00	3.33	0.00
Export	30.07	24.05	0.00	40.26	0.00	-	-	19.19	31.67	33.33	0.00	0.00	-	97.25	0.00	0.00	0.00	4.17	0.00	0.00	0.00	0.00	13.33	5.63	0.00	0.00	100.00	-	2.29	4.58	4.32

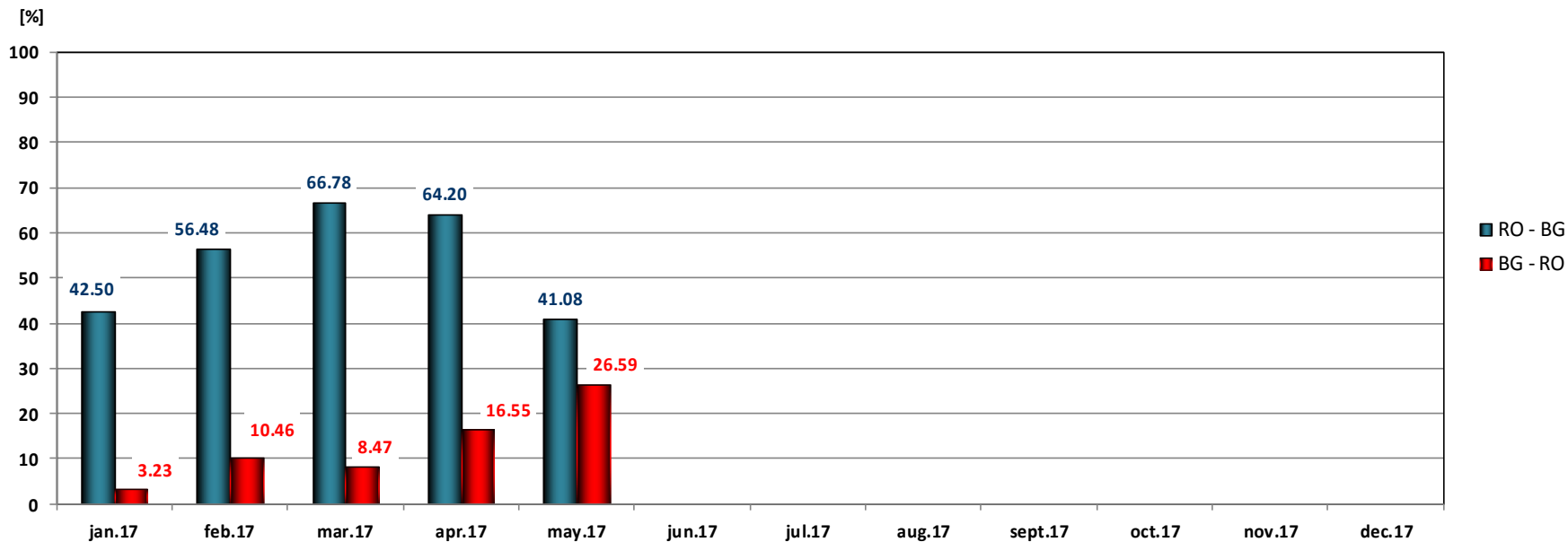
Level of usage of intraday allocated capacity, calculated at monthly level, as ratio between sum of nominated intraday capacities and sum of intraday allocated capacities, has the following values:

- Import 12.25 [%]
- Export 11.90 [%]

Long term Auction on Romanian – Bulgarian border

Usage Level of Allocated Capacity

Usage Level of Yearly and Monthly Allocated Capacity on Romanian - Bulgarian border



CET

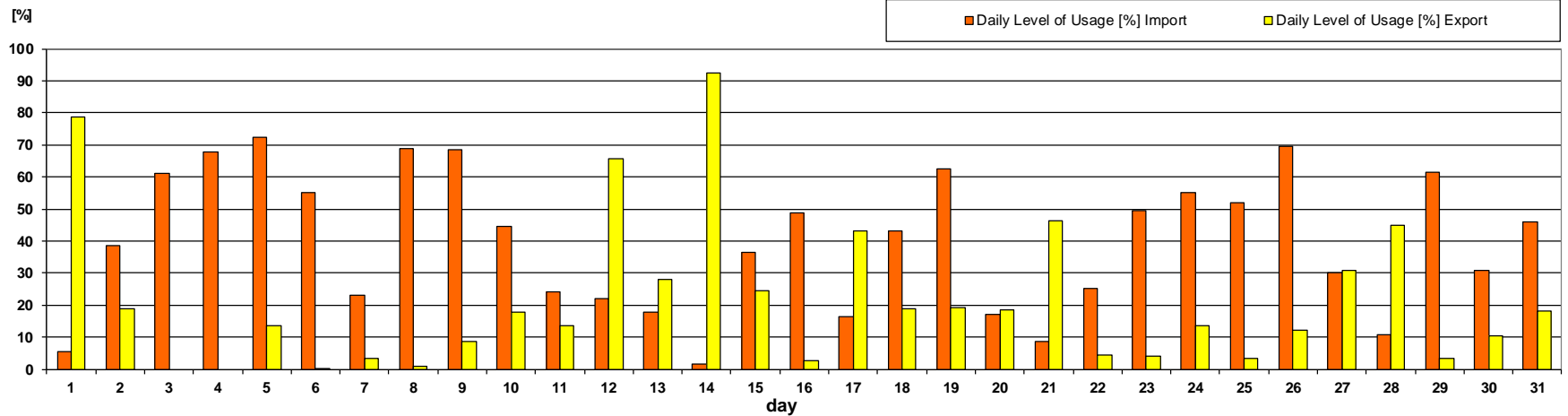
Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 54.21 % on export direction and 13.06 % on import direction.

Market for Allocation of Cross-Border Capacities



Daily Auctions on Romanian – Bulgarian border Usage Level of Daily Allocated Capacity

RO-BG May 2017



Daily Level of Usage [%]

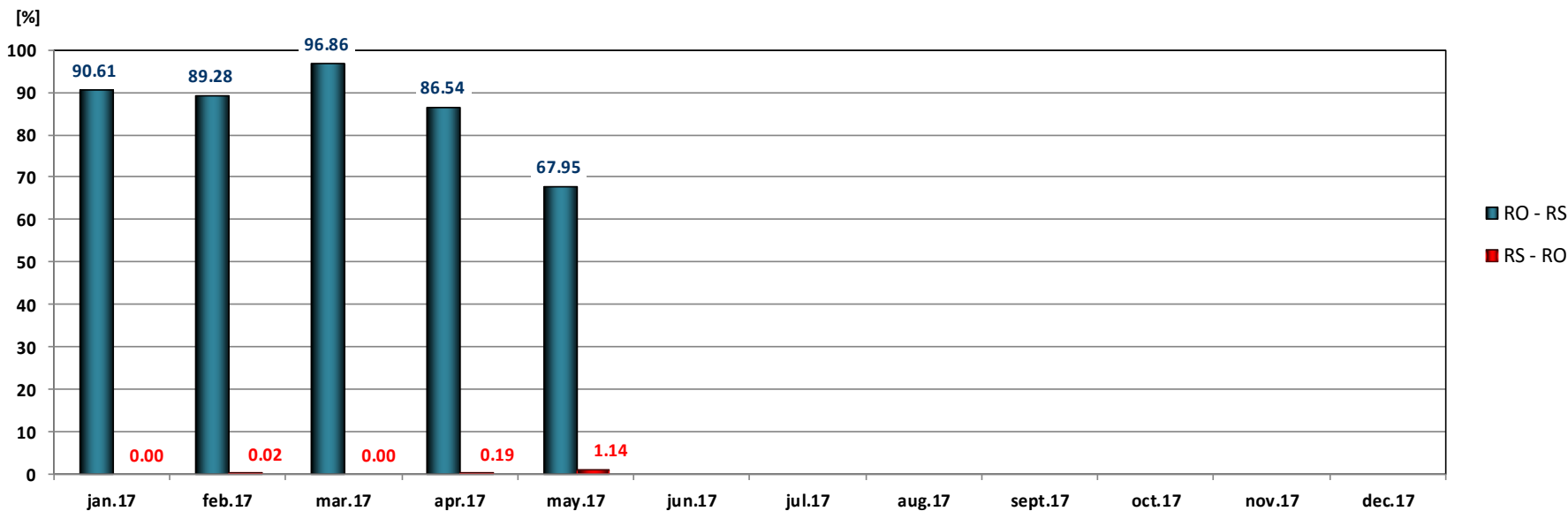
May 2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Import	5.38	38.69	61.24	67.61	72.20	55.15	22.97	68.69	68.44	44.40	24.20	22.09	17.70	1.55	36.45	48.64	16.41	43.29	62.50	17.02	8.68	25.11	49.51	55.01	51.92	69.58	30.06	10.61	61.37	30.77	45.89
Export	78.61	18.89	0.00	0.00	13.46	0.11	3.50	0.87	8.55	17.80	13.40	65.80	28.12	92.58	24.58	2.65	43.06	18.67	19.31	18.32	46.29	4.32	4.08	13.70	3.44	12.14	30.97	45.04	3.47	10.23	18.03

Level of usage of daily allocated capacity, calculated at monthly level, as ratio between sum of nominated daily capacities and sum of daily allocated capacities, has the following values:

- Import 36.86 [%]
- Export 17.36 [%]

Long term Auction on Romanian – Serbian border Usage Level of Allocated Capacity

Usage Level of Yearly and Monthly Allocated Capacity on Romanian - Serbian border



CET

Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 86.25 % on export direction and 0.27 % on import direction.

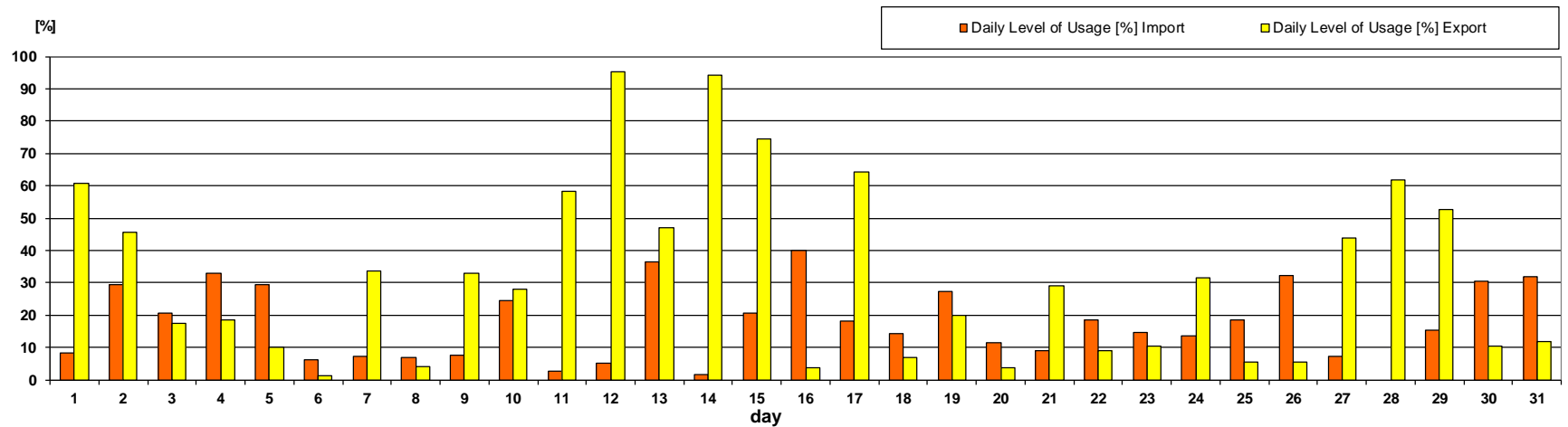
Market for Allocation of Cross-Border Capacities



Daily Auctions on Romanian – Serbian border Usage Level of Daily Allocated Capacity

Serbia

May 2017



Daily Level of Usage [%]

May 2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Import	8.35	29.57	20.61	32.95	29.27	5.99	7.28	7.02	7.73	24.32	2.63	5.07	36.58	1.55	20.50	40.08	18.04	14.17	27.21	11.56	8.84	18.51	14.61	13.60	18.38	32.24	7.11	0.00	15.47	30.53	31.70
Export	60.76	45.56	17.60	18.43	9.93	1.38	33.50	4.03	33.07	27.83	58.13	95.19	47.13	94.17	74.35	3.57	64.20	6.75	19.96	3.60	29.07	8.82	10.43	31.38	5.45	5.46	43.98	61.73	52.51	10.51	0.00

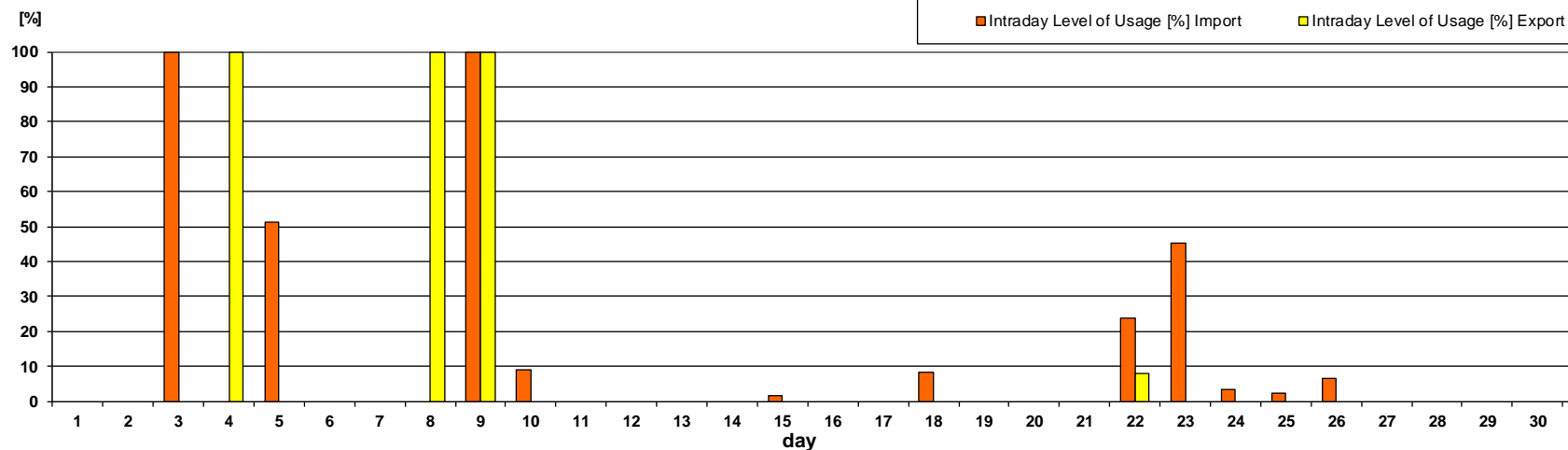
Level of usage of daily allocated capacity, calculated at monthly level, as ratio between sum of nominated daily capacities and sum of daily allocated capacities, has the following values:

- Import 17.94 [%]
- Export 27.29 [%]

Intraday Auctions on Romanian – Serbian border Usage Level of Intraday Allocated Capacity

Serbia

May 2017



Intraday Level of Usage [%]

May 2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Import	-	-	-	-	51.13	-	-	-	100.00	9.09	0.00	0.00	-	-	1.48	-	0.00	8.26	0.00	-	-	23.66	45.36	3.38	2.44	6.67	-	-	0.00	0.00	2.44
Export	-	-	-	-	-	-	-	100.00	100.00	0.00	0.00	0.00	-	-	0.00	-	0.00	0.00	0.00	-	-	7.92	0.00	0.00	0.00	0.00	-	-	0.00	0.00	0.00

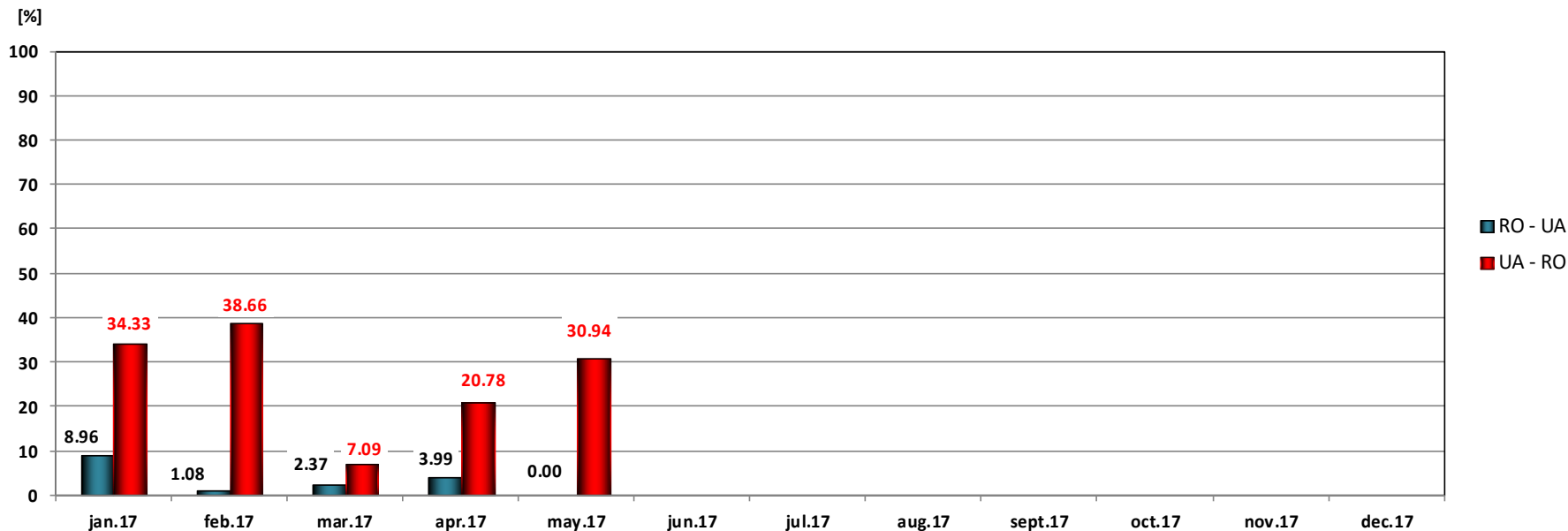
Level of usage of intraday allocated capacity, calculated at monthly level, as ratio between sum of nominated intraday capacities and sum of intraday allocated capacities, has the following values:

- Import 45.50 [%]
- Export 5.85 [%]

Long term Auction on Romanian – Ukrainian border

Usage Level of Allocated Capacity

Usage Level of Yearly and Monthly Allocated Capacity on Romanian - Ukrainian border



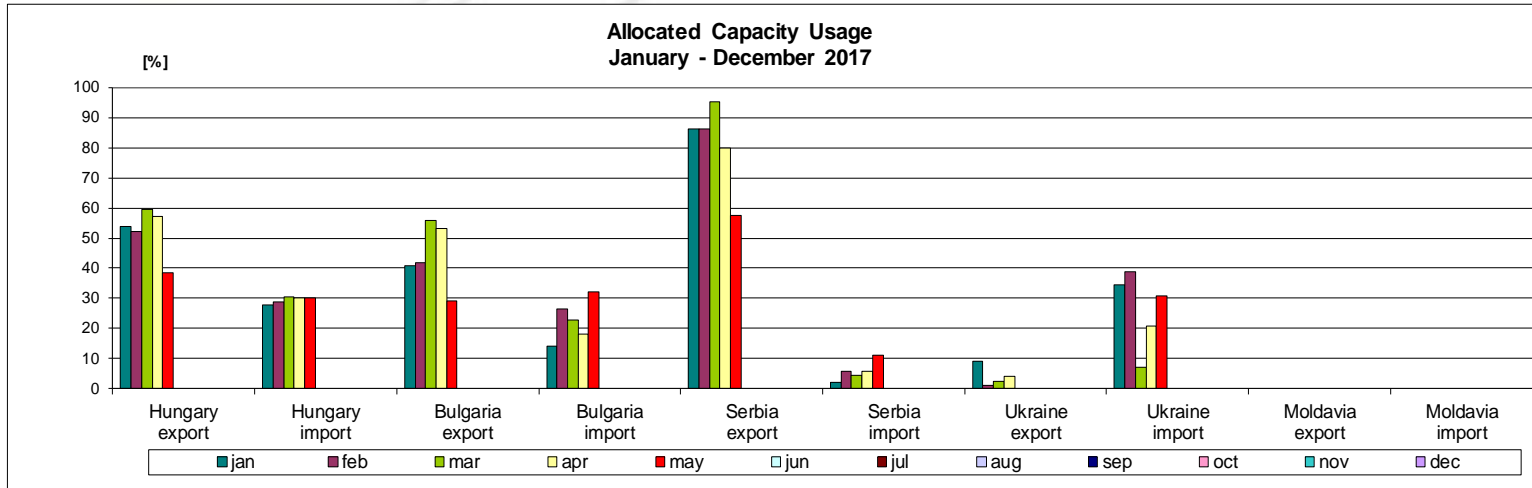
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Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 4.14 % on export direction and 26.69 % on import direction.

Market for Allocation of Cross-Border Capacities



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The allocated capacity level of usage on one border and direction represents the percentage ratio between the energy associated with the commercial transactions, nominated during a month, and the energy associated with the allocated capacity by the Romanian and by the neighbouring side, to all participants who have or not counterparties on the other side of the border.

[%]	Hungary export	Hungary import	Bulgaria export	Bulgaria import	Serbia export	Serbia import	Ukraine export	Ukraine import	Moldavia export	Moldavia import
jan	54.00	27.90	40.92	14.26	86.37	2.06	8.96	34.33	-	-
feb	52.10	28.88	41.96	26.52	86.13	5.71	1.08	38.66	-	-
mar	59.59	30.37	55.74	22.71	95.28	4.56	2.37	7.09	-	-
apr	57.19	30.24	53.10	18.01	79.88	5.91	3.99	20.78	-	-
may	38.37	30.22	29.29	32.12	57.44	11.13	0.00	30.94	-	-
jun										
jul										
aug										
sep										
oct										
nov										
dec										
average	52.25	29.52	44.21	22.72	81.02	5.88	3.28	26.36	-	-

Type B

Compared with previous months, in May 2017 the allocated capacity level of usage decreased on export direction and the highest level of usage was obtained on export direction to Serbia. On import direction, the allocated capacity level of usage increased compared with previous months and the highest level of usage was obtained on Bulgarian border.

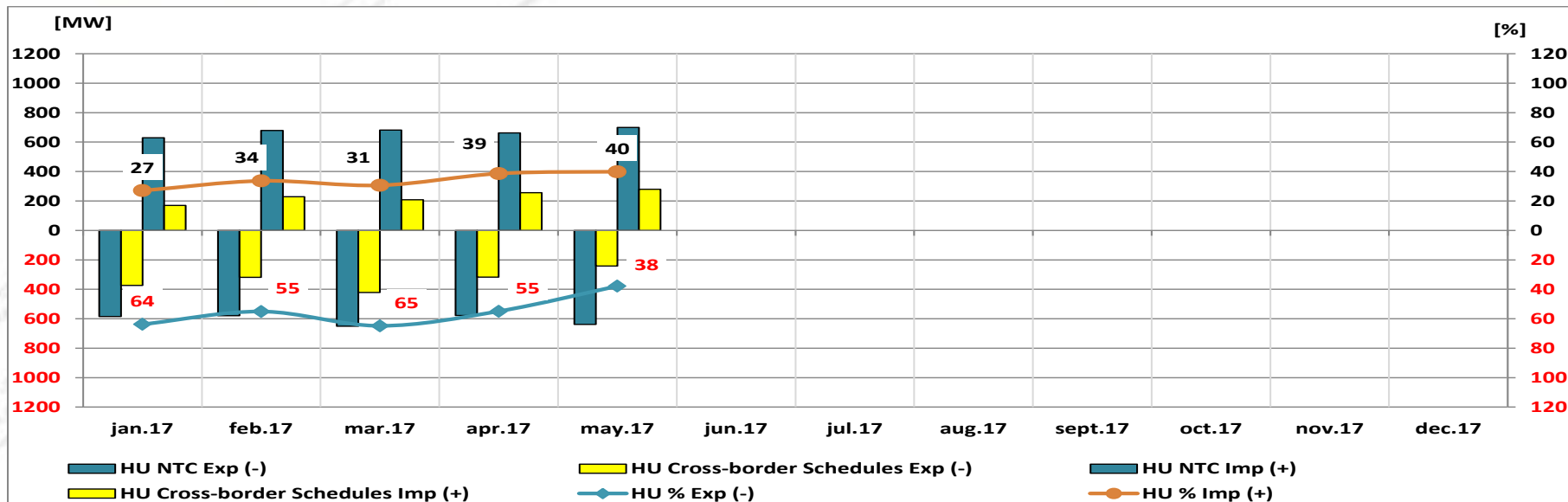


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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Hungarian border

CET

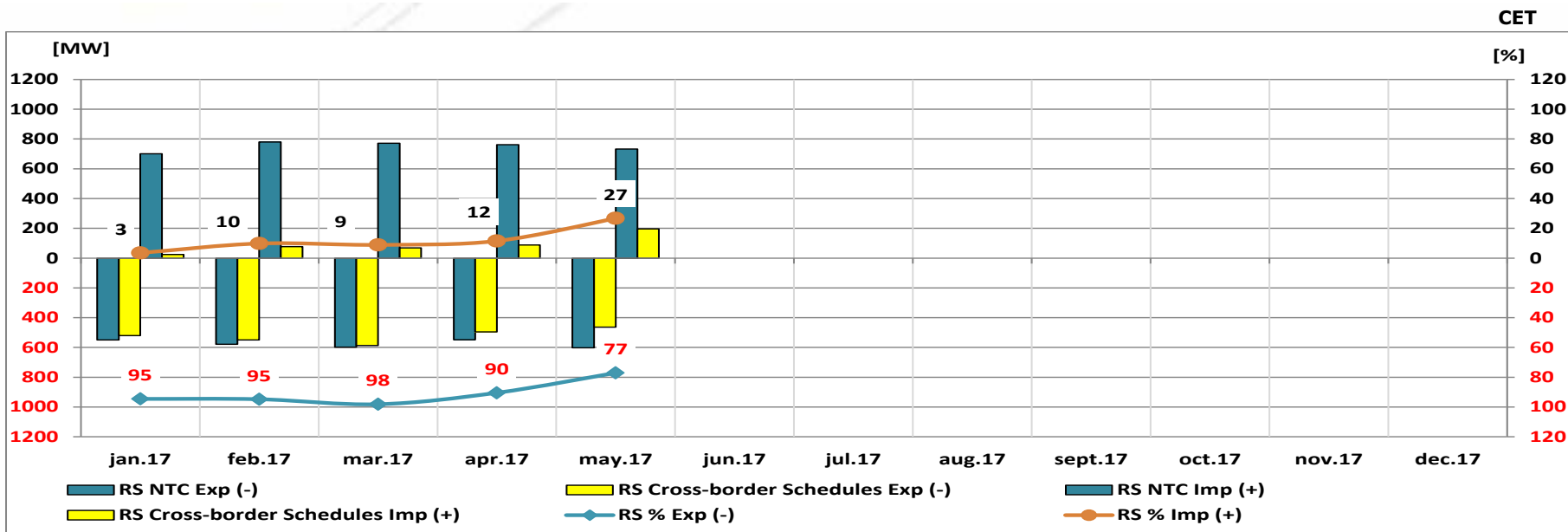


Hungary (monthly averages values, MW)	jan.17	feb.17	mar.17	apr.17	may.17	jun.17	jul.17	aug.17	sept.17	oct.17	nov.17	dec.17
HU NTC Exp (-)	-585	-579	-651	-578	-639							
HU Cross-border Schedules Exp (-)	-373	-319	-422	-318	-242							
HU NTC Imp (+)	629	679	682	662	700							
HU Cross-border Schedules Imp (+)	170	229	209	256	279							

The level of usage was calculated as ratio between total cross-border schedules (capacity nominated on long and short term) and NTC.

From the beginning of the year, the average values (arithmetic) of usage level are: 55.28 % on export direction and 33.96 % on import direction.

Usage Level of NTC on Romanian – Serbian border



Serbia (monthly averages values, MW)	jan.17	feb.17	mar.17	apr.17	may.17	jun.17	jul.17	aug.17	sept.17	oct.17	nov.17	dec.17
RS NTC Exp (-)	-550	-579	-598	-548	-602							
RS Cross-border Schedules Exp (-)	-520	-549	-586	-496	-464							
RS NTC Imp (+)	700	779	772	762	732							
RS Cross-border Schedules Imp (+)	24	76	69	88	196							

The level of usage was calculated as ratio between total cross-border schedules (capacity nominated on long and short term) and NTC.

From the beginning of the year, the average values (arithmetic) of usage level are: 90.98 % on export direction and 12.09 % on import direction.

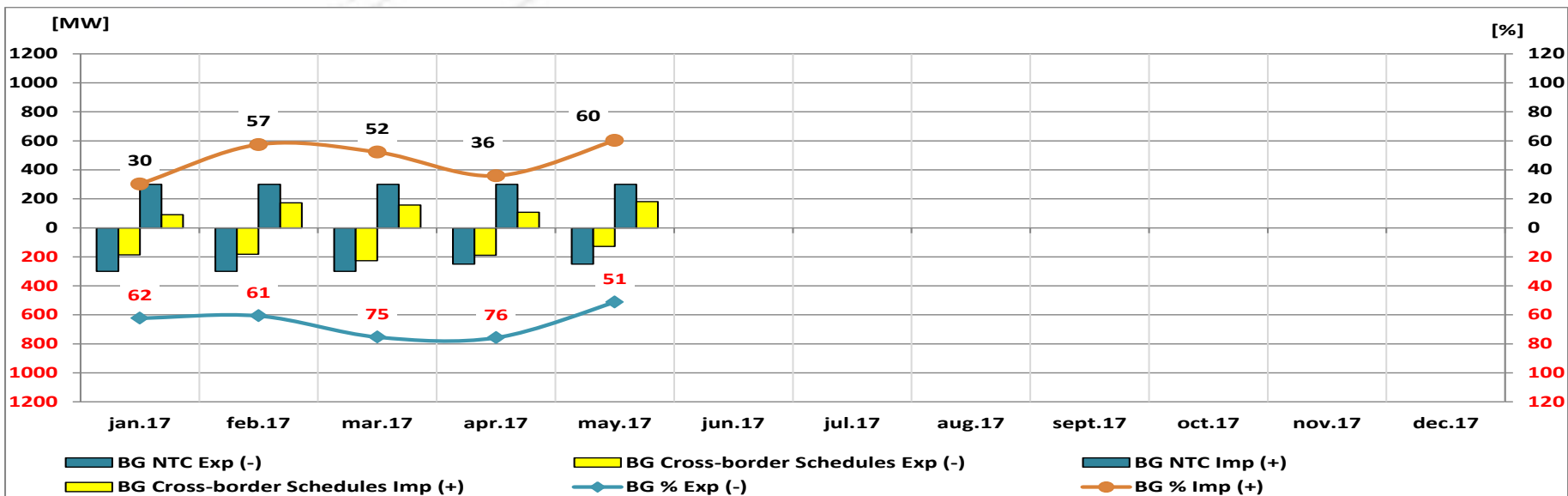


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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Bulgarian border

CET



Bulgaria (monthly averages values, MW)	jan.17	feb.17	mar.17	apr.17	may.17	jun.17	jul.17	aug.17	sept.17	oct.17	nov.17	dec.17
BG NTC Exp (-)	-300	-300	-300	-250	-250							
BG Cross-border Schedules Exp (-)	-187	-182	-226	-190	-128							
BG NTC Imp (+)	300	300	300	300	300							
BG Cross-border Schedules Imp (+)	91	172	157	108	181							

The level of usage was calculated as ratio between total cross-border schedules (capacity nominated on long and short term) and NTC.

From the beginning of the year, the average values (arithmetic) of usage level are: 65.1 % on export direction and 47.21 % on import direction.

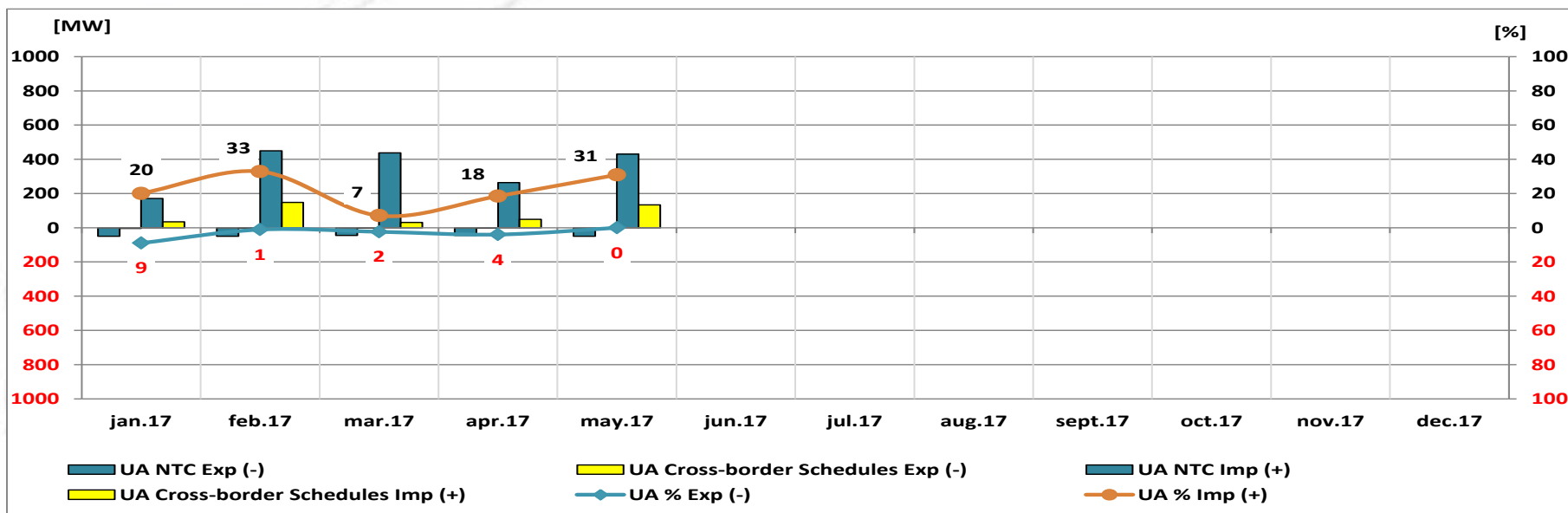


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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Ukrainian border

CET



Ukraine (monthly averages values, MW)	jan.17	feb.17	mar.17	apr.17	may.17	jun.17	jul.17	aug.17	sept.17	oct.17	nov.17	dec.17
UA NTC Exp (-)	-50	-50	-45	-45	-50							
UA Cross-border Schedules Exp (-)	-4	-1	-1	-2	0							
UA NTC Imp (+)	171	450	438	263	431							
UA Cross-border Schedules Imp (+)	34	148	31	49	133							

The level of usage was calculated as ratio between total cross-border schedules (capacity nominated on long and short term) and NTC.

From the beginning of the year, the average values (arithmetic) of usage level are: 3.28 % on export direction and 21.89 % on import direction.



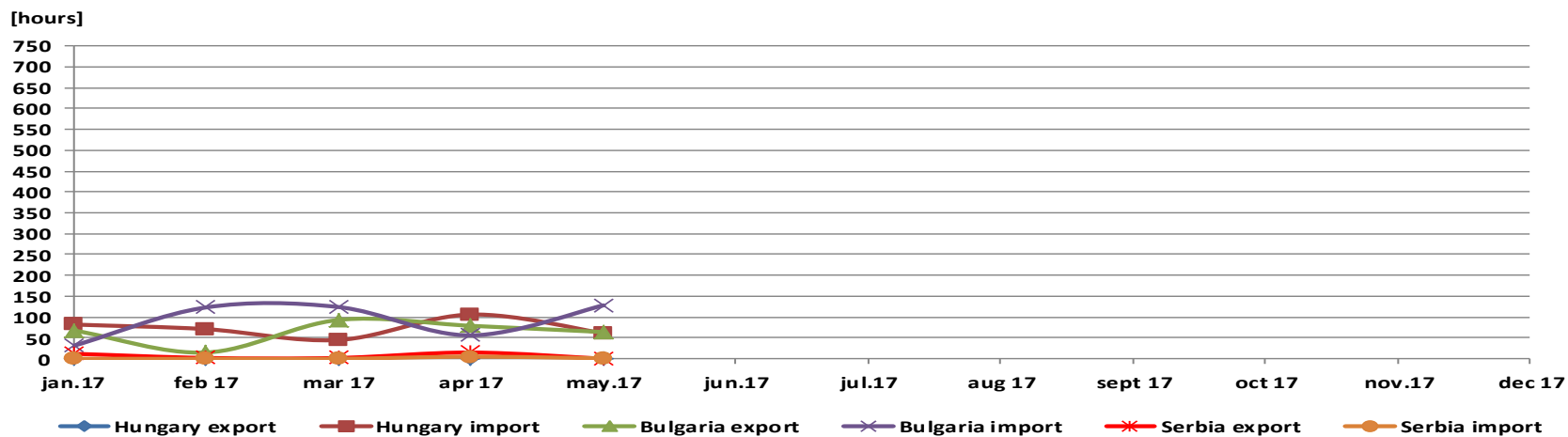
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Market for Allocation of Cross-Border Capacities

Maximization of NTC Usage

CET

Number of hours in which the sum of nominated cross-border schedules is higher than NTC



Number of hours	jan.17	feb 17	mar 17	apr 17	may.17	jun.17	jul.17	aug 17	sept 17	oct 17	nov.17	dec 17
Hungary export	0	0	0	1	0							
Hungary import	82	71	45	106	61							
Bulgaria export	68	15	93	79	64							
Bulgaria import	31	123	124	56	128							
Serbia export	12	2	2	15	0							
Serbia import	0	0	0	5	1							

By making efficient use of the interconnection (applying “netting” principle in daily and intra-day offered capacity calculation) there are some hours in which sum of nominated cross-border schedules is higher than the NTC.

Market for Allocation of Cross-Border Capacities



Synthesis (C1, C3, HHI) on type of auction and total values

May 2017

Border	Auction												Total		
	Yearly			Monthly			Daily			Intraday					
	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI
Hungary import	22.06	55.59	1490	21.43	60.71	1707	-	-	-	66.76	97.91	5034	19.50	48.94	1184
Hungary export	30.86	55.71	1498	40.35	63.82	2116	-	-	-	79.47	93.76	6448	18.22	42.57	916
Bulgaria import	43.00	92.00	3564	43.13	83.13	2885	32.99	70.05	2040	-	-	-	28.15	62.26	1674
Bulgaria export	41.00	76.00	2472	35.00	76.67	2533	48.60	86.05	3318	-	-	-	43.13	71.80	2373
Serbia import	46.67	93.33	3844	36.19	74.29	2308	28.67	81.57	2296	51.89	98.06	3960	27.61	59.46	1551
Serbia export	39.50	70.00	2273	29.10	70.28	2025	47.48	78.01	2895	93.68	99.10	8791	21.95	56.58	1384
Ukraine import	50.00	100.00	4808	47.03	94.49	3575	-	-	-	-	-	-	47.15	89.09	3322
Ukraine export	48.00	100.00	3728	-	-	-	-	-	-	-	-	-	48.00	100.00	3728
Moldavia import	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note:

- Starting with 20.11.2014, on Hungarian border the implicit daily allocation is done through the market coupling mechanism of CZ-SK-HU day-ahead electricity markets.
- Starting with 01.01.2015, intraday auctions are no longer organized on the Bulgarian border, since the Bulgarian market rules do not allow intraday cross-border exchanges.



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