

MARKET MONITORING REPORT

Market for Allocation of Cross-Border Capacities

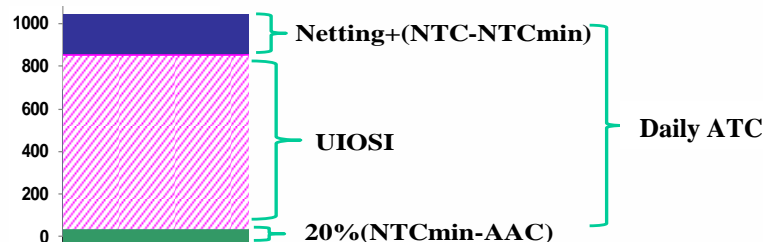
April 2018

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

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 2018 :
 - ✓ 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.
 - ✓ *The („ use it or sell it”)* principle is applied on Hungarian, Bulgarian and Serbian borders.
 - ✓ on Hungarian and Bulgarian borders is applied:
 - ✓ 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.



- Transelectrica’s auctions are held on Damas platform, with euro currency trading.
- Starting with 1st of January 2018, on Romania – Bulgaria and Romania – Serbia borders and starting with 1st of February 2018 on Romania – Hungary border, the use of the physical transport rights is performed in accordance with the m:n nomination principle, for all time horizons.

- 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 April 2018, auctions were held as:
 - import Hungary: 01.04.2018; 02.04.2018; 03.04.2018; 04 – 06.04.2018; 07 – 30.04.2018;
 - export Hungary: 01.04.2018; 02 – 04.04.2018; 05 – 09.04.2018; 10 – 15.04.2018; 16 – 19.04.2018; 20 – 22.04.2018; 23 – 30.04.2018;
 - import/export Bulgaria*: 01.04 – 30.04.2018;
 - import Serbia: 01.04.2018; 02 – 06.04.2018; 07 – 22.04.2018; 23 – 27.04.2018; 28 – 30.04.2018;
 - export Serbia: 01.04.2018; 02 – 03.04.2018; 04.04.2018; 05 – 06.04.2018; 07 – 10.04.2018; 11 – 13.04.2018; 14 – 15.04.2018; 16 – 19.04.2018; 20.04.2018; 21 – 22.04.2018; 23 – 27.04.2018; 28 – 29.04.2018; 30.04.2018;
 - import/export Ukraine: 01.04.2018; 07 – 30.04.2018.
- In 19.02.2018 was organized a supplementary auction with available capacity remained from the first monthly auction, for the following borders and directions:
 - Serbia – Romania direction, for the periods: 01.04.2018 (ATC 232 MW); 07 – 22.04.2018 (ATC 42 MW); 23 – 27.04.2018 (ATC 67 MW); 28 – 30.04.2018 (ATC 97 MW);
 - Ukraine – Romania direction, for the periods: 01.04.2018 (ATC 39 MW); 07 – 30.04.2018 (ATC 14 MW);
 - Romania – Ukraine direction, for the periods 01.04.2018 (ATC 4 MW); 07 – 30.04.2018 (ATC 4 MW).

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

- In April 2018 there were no auctions held on Moldavian border. Between 02 – 06.04.2018, the 400 kV OHL Rosiori – Mukacevo was out of operation for planned maintenance program, so transfer capacity was not available on the Ukrainian border.
- Due to lack of request from participants, there was capacity not allocated at monthly auction as it follows:
 - ✓ on import direction from Ukraine
 - 24 MW, during the period 01.04.2018;
 - 7 MW, during the period 07 – 30.04.2018;
 - ✓ on export direction to Ukraine
 - 2 MW, during the periods 01.04.2018 and 07 – 30.04.2018.

Monthly auction Results of 01 – 30 April 2018

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Alocated	Final Rights*
Hungary export										
01 April 2018	3.92	700	600	250	350	0	200	1260	200	550
02 - 04 April 2018	3.92	500	400	50	350	0	40	1260	39	389
05 - 09 April 2018	3.92	700	600	250	350	0	200	1260	200	550
10 - 15 April 2018	3.92	550	450	100	350	0	80	1260	80	430
16 - 19 April 2018	3.92	500	400	50	350	0	40	1260	39	389
20 - 22 April 2018	3.92	700	600	250	350	0	200	1260	200	550
23 - 30 April 2018	3.92	550	450	100	350	0	80	1260	80	430
Hungary import										
01 April 2018	0.09	800	700	350	350	0	280	828	280	630
02 April 2018	0.09	600	500	150	350	0	120	828	120	470
03 April 2018	0.09	500	400	50	350	0	40	828	40	390
04 - 06 April 2018	0.09	600	500	150	350	0	120	828	120	470
07 - 30 April 2018	0.09	800	700	350	350	0	280	828	280	630
Bulgaria export										
01 - 30 April 2018	1.92	350	250	150	100	-	120	313	120	220
Bulgaria import										
01 - 30 April 2018	0.40	400	300	200	100	-	160	350	160	260

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

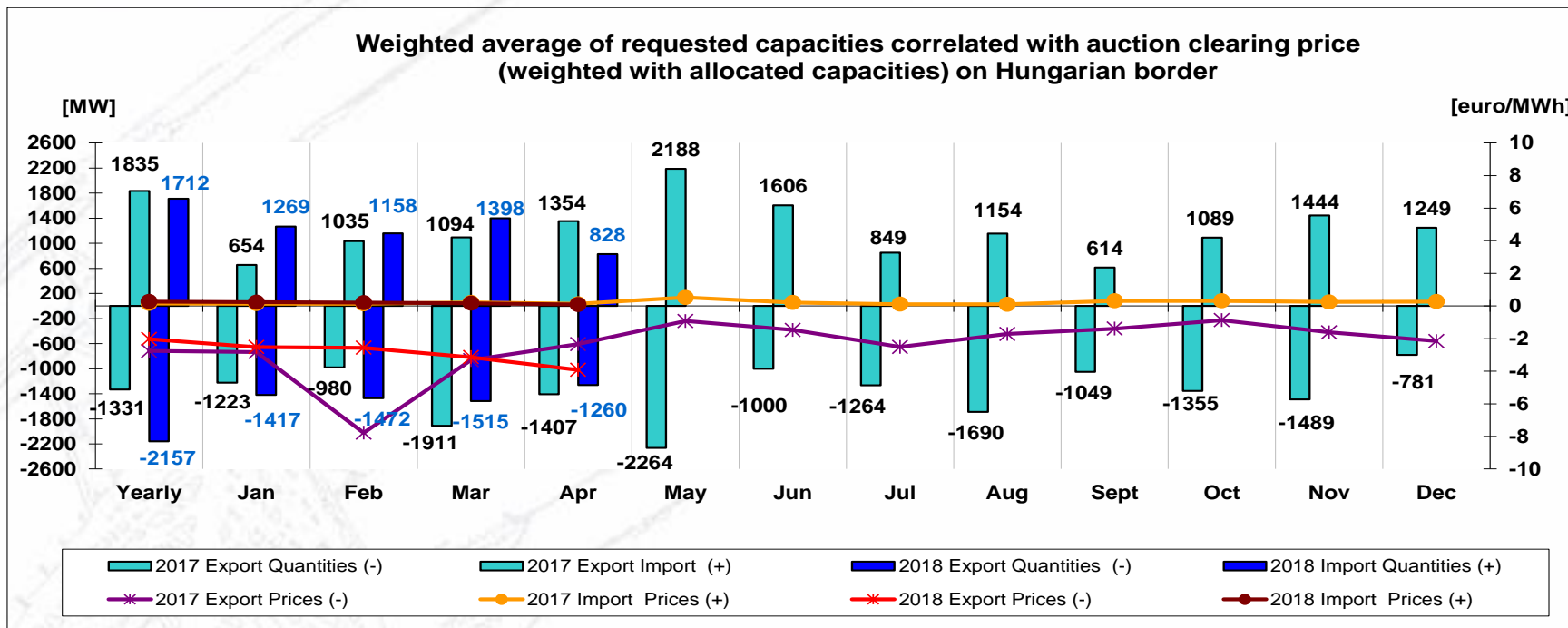
Monthly auction Results of 01 – 30 April 2018

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Allocated	Final Rights*
Serbia export										
01 April 2018	1.11	500	400	200	200	-	200	334	200	400
02 - 03 April 2018	1.25	450	350	150	200	-	150	309	150	350
04 April 2018	2.27	350	250	50	200	-	50	175	50	250
05 - 06 April 2018	0.51	550	450	250	200	-	250	319	250	450
07 - 10 April 2018	1.91	450	350	150	200	-	150	334	150	350
11 - 13 April 2018	2.27	400	300	100	200	-	100	262	100	300
14 - 15 April 2018	2.00	450	350	150	200	-	150	334	150	350
16 - 19 April 2018	2.27	400	300	100	200	-	100	262	100	300
20 April 2018	1.25	500	400	200	200	-	200	349	200	400
21 - 22 April 2018	0.68	550	450	250	200	-	250	339	250	450
23 - 27 April 2018	3.20	350	250	50	200	-	50	177	50	250
28 - 29 April 2018	2.27	400	300	100	200	-	100	236	100	300
30 April 2018	1.61	450	350	150	200	-	150	311	150	350
Serbia import**										
01 April 2018	0/0.01	900	800	650/232	150	-	650/232	418/250	418/232	800
02 - 06 April 2018	0.10	500	400	250	150	-	250	503	250	400
07 - 22 April 2018	0/0.05	900	800	650/42	150	-	650/42	608/100	608/42	800
23 - 27 April 2018	0/0.02	800	700	550/67	150	-	550/67	483/130	483/67	700
28 - 30 April 2018	0/0.01	900	800	650/97	150	-	650/97	553/150	553/97	800
Ukraine export**										
01 April 2018	0/0	150	50	50/4	0	-	50/4	46/2	46/2	48
02 - 06 April 2018	-	0	0	-	-	-	-	-	-	-
07 - 30 April 2018	0/0	150	50	50/4	0	-	50/4	46/2	46/2	48
Ukraine import**										
01 April 2018	0/0	300	200	200/39	0	-	200/39	161/15	161/15	176
02 - 06 April 2018	-	0	0	-	-	-	-	-	-	-
07 - 30 April 2018	0/0	300	200	200/14	0	-	200/14	186/7	186/7	193
Moldavia export										
01 - 30 April 2018	-	-	-	-	-	-	-	-	-	-
Moldavia import										
01 - 30 April 2018	-	-	-	-	-	-	-	-	-	-
RO_Vulcanesti	-	-	-	-	-	-	-	-	-	-
01 - 30 April 2018	-	-	-	-	-	-	-	-	-	-
RO_Costesti	-	-	-	-	-	-	-	-	-	-
01 - 30 April 2018	-	-	-	-	-	-	-	-	-	-
RO_Cioara	-	-	-	-	-	-	-	-	-	-

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

** first auction session / second auction session

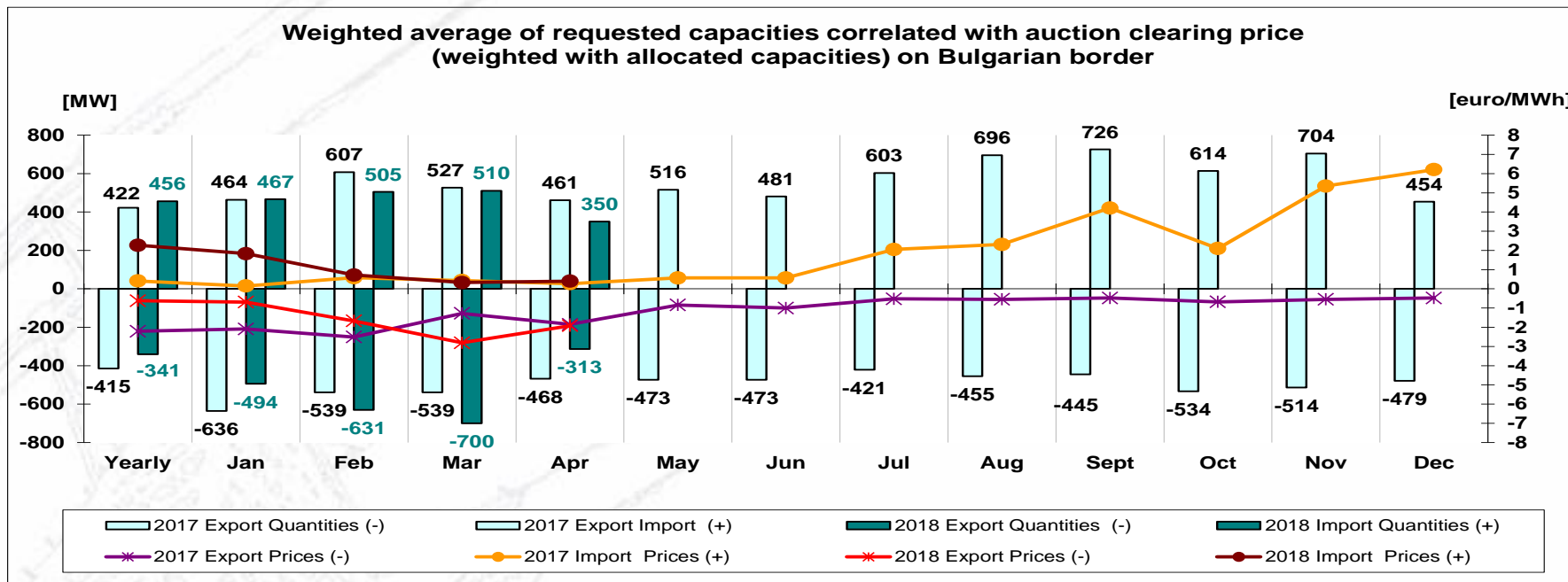
Public



Border	Yearly	Jan. 18	Feb.18	Mar.18	Apr.18	May 18	Jun. 18	Jul. 18	Aug. 18	Sept. 18	Oct. 18	Nov.18	Dec. 18
Hungary export	2.03	2.52	2.56	3.14	3.92								
Hungary import	0.27	0.23	0.20	0.17	0.09								

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	1.47	2.51	1.72	1.39	0.87	1.62	2.15
Hungary import	0.15	0.14	0.13	0.22	0.13	0.52	0.21	0.11	0.10	0.31	0.31	0.25	0.27

- Compared with previous year, in April 2018 the auction price increased on export direction, while offered capacity and capacity request were lower. In April 2018, monthly auction price maintained low on import direction.

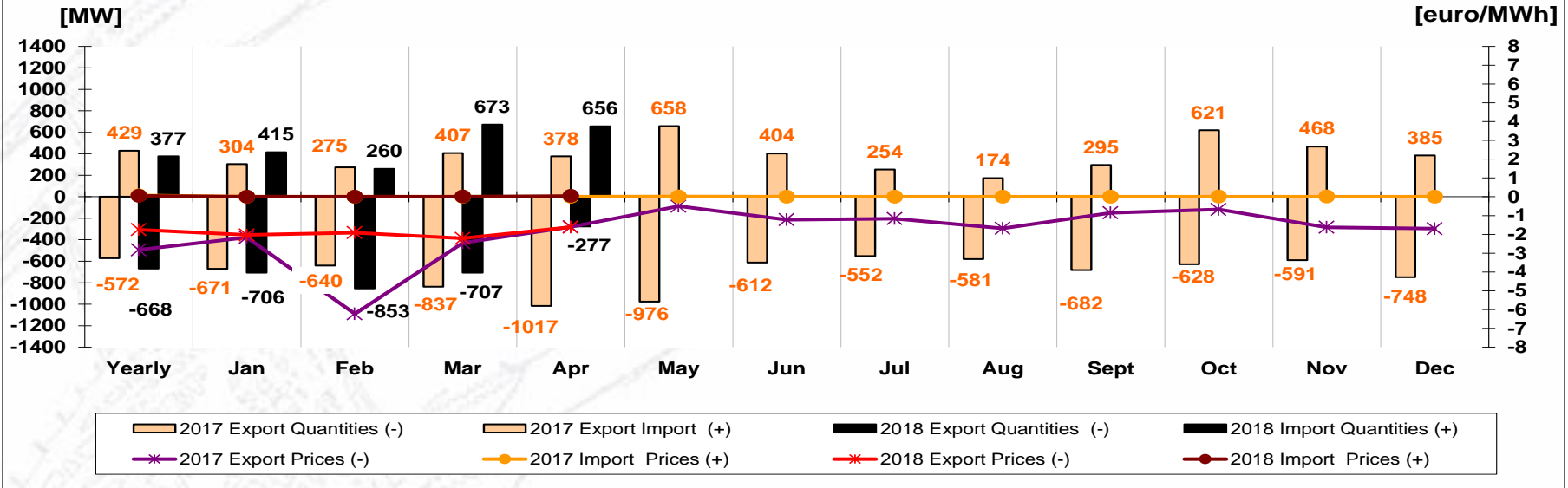


Border	Yearly	Jan. 18	Feb.18	Mar.18	Apr.18	May 18	Jun. 18	Jul. 18	Aug. 18	Sept. 18	Oct. 18	Nov.18	Dec. 18
Bulgaria export	0.62	0.69	1.67	2.81	1.92								
Bulgaria import	2.27	1.83	0.72	0.33	0.40								

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	1.00	0.52	0.55	0.48	0.68	0.55	0.48
Bulgaria import	0.41	0.15	0.58	0.43	0.27	0.57	0.57	2.05	2.31	4.21	2.10	5.35	6.21

- Compared with the previous year, in April 2018 the auction price slightly increased on export direction, while offered capacity maintained at the same level and capacity request was lower. The auction price maintained low on import direction, while offered capacity was at the same level as in 2017 and capacity request was lower.

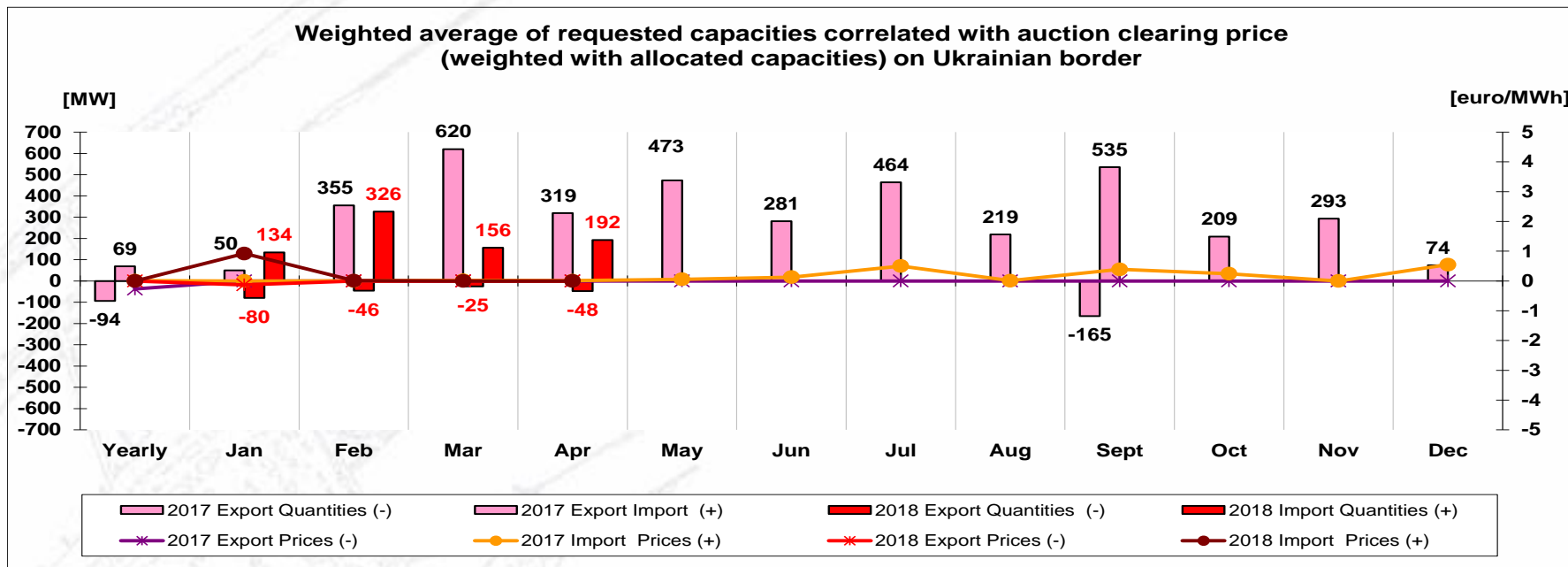
Weighted average of requested capacities correlated with auction clearing price (weighted with allocated capacities) on Serbian border



Border	Yearly	Jan. 18	Feb.18	Mar.18	Apr.18	May 18	Jun. 18	Jul. 18	Aug. 18	Sept. 18	Oct. 18	Nov.18	Dec. 18
Serbia export	1.75	2.03	1.91	2.22	1.62								
Serbia import	0.05	0.00	0.00	0.01	0.04								

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	1.22	1.16	1.68	0.86	0.67	1.62	1.69
Serbia import	0.07	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00

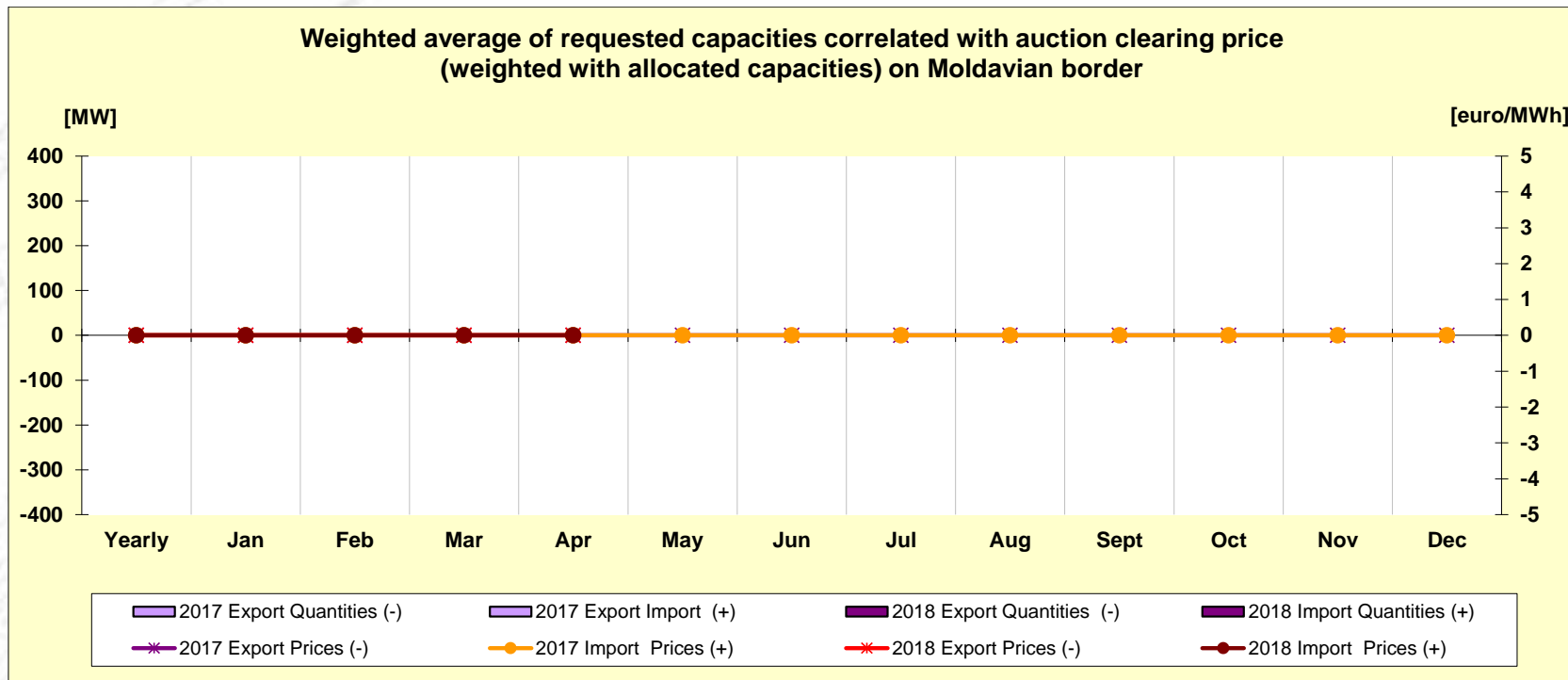
- Compared with the previous year, in April 2018 the auction price maintained at the same level on export direction, while offered capacity and capacity request were lower. In April 2018 monthly auction price was low on import direction.



Border	Yearly	Jan. 18	Feb.18	Mar.18	Apr.18	May 18	Jun. 18	Jul. 18	Aug. 18	Sept. 18	Oct. 18	Nov.18	Dec. 18
Ukraine export	-	0.13	0.00	0.00	0.00								
Ukraine import	-	0.92	0.01	0.00	0.00								

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	-	-	-	-	-	-	-	-	0.00	-	-	-
Ukraine import	0.01	0.00	0.00	0.02	0.01	0.06	0.13	0.50	0.01	0.39	0.24	-	0.55

- Compared with the previous year, in April 2018 capacity request decreased on import direction, while offered capacity was higher and auction price was zero. Compared with the previous year, offered capacity was different from zero and auction price was zero on export direction.

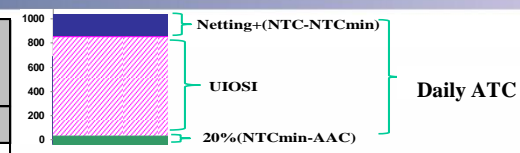


Border	Yearly	Jan. 18	Feb.18	Mar.18	Apr.18	May 18	Jun. 18	Jul. 18	Aug. 18	Sept. 18	Oct. 18	Nov.18	Dec. 18
Moldavia export	-	-	-	-	-								
Moldavia import	-	-	-	-	-								

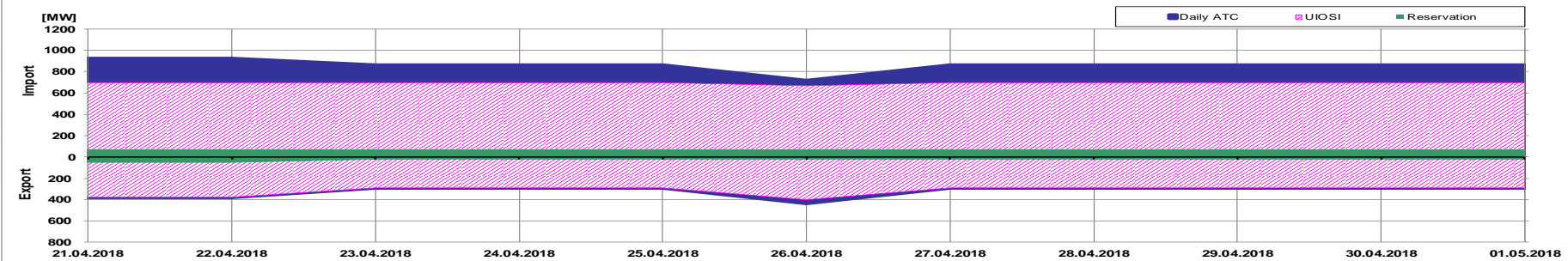
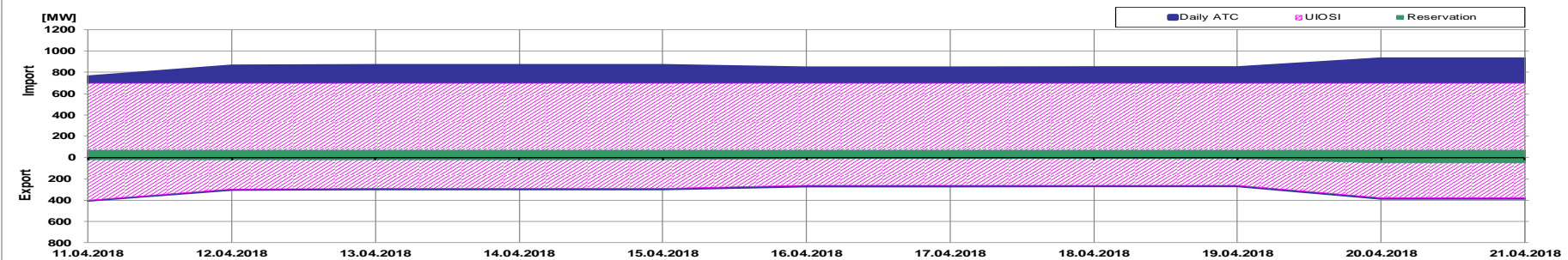
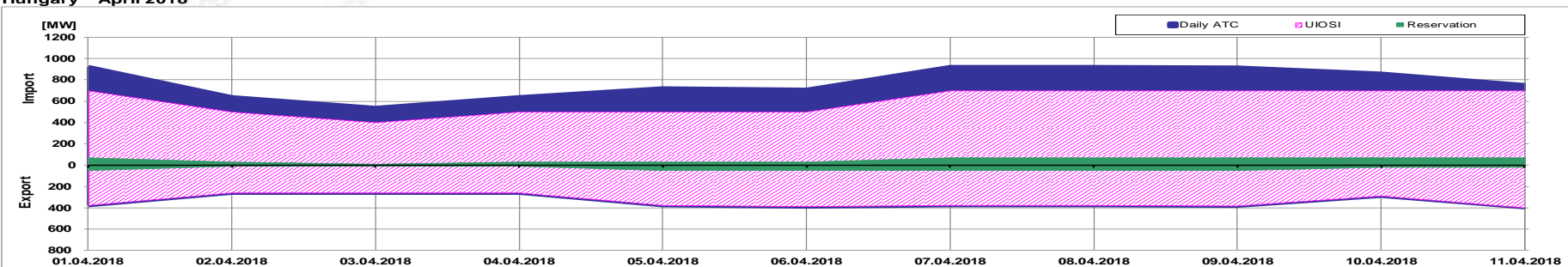
Border	Yearly	Jan. 17	Feb.17	Mar.17	Apr.17	May 17	Jun. 17	Jul. 17	Aug. 17	Sept. 17	Oct. 17	Nov.17	Dec. 17
Moldavia export	-	-	-	-	-	-	-	-	-	-	-	-	-
Moldavia import	-	-	-	-	-	-	-	-	-	-	-	-	-

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
27	63	290	600



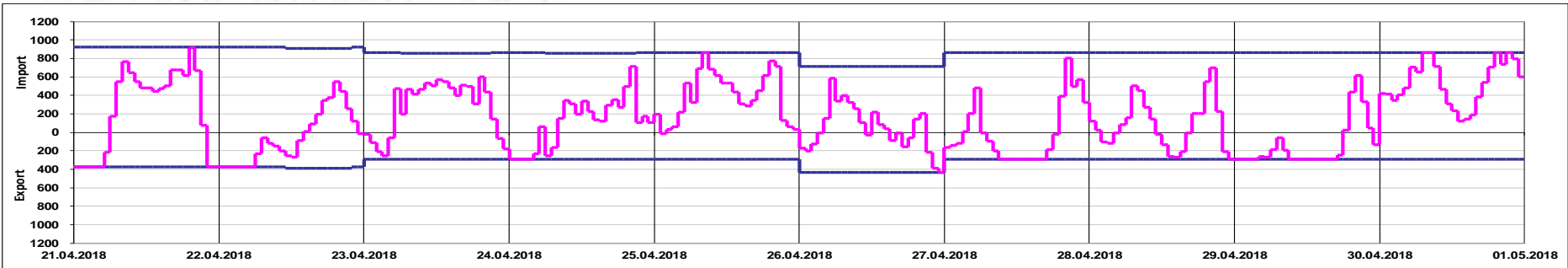
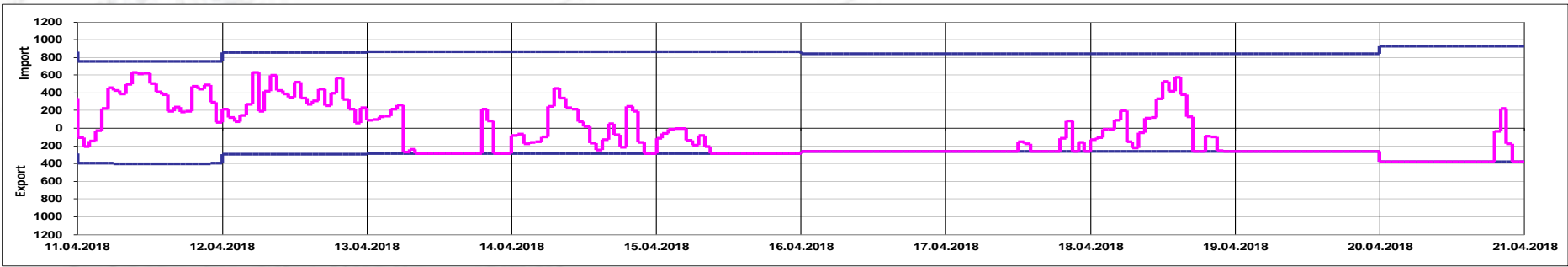
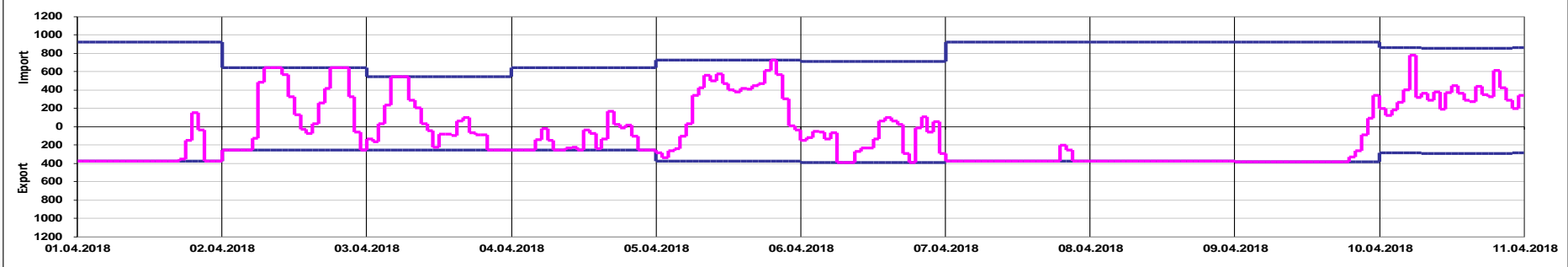
Hungary April 2018



Public

Daily implicit Auctions on Romanian – Hungarian border

Hungary April 2018



Offered Capacity on Daily Auction [MW]

Net Position Border RO – HU [MWh]

Public

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	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.02	1.07	5.58	10.36	14.38	21.94	31.00	36.59	21.47	1.07	0.02	36.59	
2	0.02	0.02	0.21	0.24	2.15	14.69	18.00	38.22	43.58	32.73	21.94	19.32	17.01	15.00	14.50	15.00	17.50	22.37	35.23	49.17	44.87	34.00	28.15	20.67	49.17	
3	14.42	14.64	14.87	14.83	19.04	42.94	45.00	61.41	61.41	58.80	51.96	51.31	50.04	43.75	40.36	40.15	40.00	41.29	41.96	51.22	53.03	42.30	31.13	10.31	61.41	
4	10.74	10.31	10.53	16.73	24.30	30.36	44.95	51.56	54.66	52.31	45.72	44.26	39.99	37.17	36.90	35.71	34.85	37.00	40.39	45.39	45.85	34.37	10.31	2.15	54.66	
5	27.30	23.80	19.60	15.36	16.73	25.09	36.57	42.57	41.76	37.00	30.97	29.65	28.51	28.51	28.01	28.07	28.40	28.32	33.45	43.82	45.96	39.95	37.29	30.01	45.96	
6	32.05	30.95	30.51	28.75	31.09	36.01	40.30	49.98	53.50	47.80	41.70	37.71	31.36	29.00	27.60	27.02	28.64	33.80	38.50	41.91	40.01	34.00	31.52	25.00	53.50	
7	8.58	1.07	0.21	0.06	0.06	0.06	1.29	6.44	10.30	4.08	1.07	0.06	0.02	0.01	0.01	0.02	1.07	4.29	10.73	37.12	35.38	21.02	10.29	0.21	37.12	
8	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.21	0.21	0.21	0.21	0.21	0.06	0.02	0.00	0.02	0.21	2.15	10.29	20.38	21.45	10.73	4.29	1.72	21.45	
9	1.07	0.21	0.21	0.21	0.21	1.07	0.21	1.29	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.36	4.29	11.16	29.01	40.12	49.00	51.07	46.33	41.36	33.52	51.07
10	31.76	28.89	27.30	25.00	26.00	32.00	42.00	48.70	49.00	44.34	41.15	39.42	36.71	36.91	34.05	35.49	36.00	37.95	40.70	45.01	46.98	38.42	35.10	28.34	49.00	
11	25.14	24.01	22.42	21.70	23.42	28.46	39.83	44.80	44.92	41.35	39.71	38.25	35.25	34.32	31.88	32.80	33.20	37.50	40.40	44.26	45.54	39.35	33.23	28.00	45.54	
12	24.70	22.04	20.20	19.11	20.25	25.63	36.50	41.78	40.12	36.66	29.83	27.30	25.00	24.00	24.50	24.50	25.00	30.81	36.05	40.12	41.63	34.95	29.92	25.00	41.78	
13	24.84	23.90	22.52	22.24	24.76	30.65	42.56	48.20	50.50	44.21	40.34	37.00	35.01	34.33	31.26	30.40	31.32	33.73	40.77	45.92	47.03	41.63	37.10	35.00	50.50	
14	33.43	31.50	29.15	27.98	28.47	30.03	32.12	36.08	36.65	35.11	30.58	28.00	26.15	23.50	22.12	23.26	25.86	31.54	38.99	43.50	46.29	43.88	34.54	26.34	46.29	
15	32.73	29.69	27.30	25.87	25.57	25.95	26.31	27.69	28.63	15.02	10.30	10.30	8.58	2.15	1.07	2.15	8.58	10.30	10.51	31.54	36.04	24.03	10.30	10.30	36.04	
16	0.19	0.19	0.19	0.19	0.21	10.51	31.54	38.19	38.19	36.04	31.54	29.82	29.82	21.45	17.16	15.02	24.03	27.52	36.04	44.84	48.06	40.33	34.33	31.54	48.06	
17	34.11	29.82	23.00	8.58	10.71	29.82	36.04	49.13	50.20	48.92	44.00	42.80	41.05	39.69	38.19	36.04	38.62	40.05	42.80	54.46	55.57	49.13	45.00	38.48	55.57	
18	35.39	33.82	32.75	32.04	32.99	34.85	44.10	53.00	53.00	46.90	43.14	40.50	38.88	36.30	35.91	35.74	36.12	38.27	40.21	52.21	53.10	49.20	38.49	31.61	53.10	
19	29.90	10.76	7.75	4.30	8.60	27.54	31.62	38.29	40.23	36.14	27.60	15.06	10.76	6.45	6.45	10.54	29.90	35.93	31.62	47.11	44.32	36.14	25.60	1.08	47.11	
20	10.96	10.75	2.79	0.19	0.19	0.19	0.21	2.15	2.15	2.15	1.07	1.07	4.30	2.15	2.15	6.45	15.04	23.64	33.31	48.30	50.90	47.07	38.47	29.01	50.90	
21	21.47	16.75	12.88	15.03	25.55	27.35	30.10	32.40	33.28	33.83	31.14	29.05	27.48	24.48	22.07	24.00	25.14	29.56	36.22	40.72	43.63	39.85	25.55	6.44	43.63	
22	0.21	0.06	0.06	0.21	1.29	8.58	16.69	17.39	17.50	16.96	15.52	15.00	14.80	10.28	8.50	9.31	11.88	15.68	26.90	33.47	37.69	32.29	30.00	26.14	37.69	
23	22.72	20.74	18.75	16.81	18.50	26.10	39.64	46.50	49.14	43.10	39.33	37.37	36.05	35.13	31.99	31.57	32.40	35.50	38.69	43.00	49.14	40.74	35.02	28.45	49.14	
24	27.50	10.51	10.51	10.94	22.50	26.83	38.76	44.75	43.03	38.85	34.37	32.50	30.00	27.97	28.00	29.76	30.46	34.00	39.99	45.44	51.02	46.83	43.60	37.17	51.02	
25	29.54	27.80	25.18	22.21	20.46	23.50	28.93	33.57	35.65	32.00	27.89	25.56	25.00	24.50	23.99	24.50	24.00	30.00	33.99	39.59	43.00	39.04	36.40	31.46	43.00	
26	24.71	21.50	18	18.23	20.36	25.22	36.93	42.79	42.89	39.64	34.90	36.12	40.67	36.12	30.93	28.50	27.99	30.93	37.60	42.95	44.61	42.40	40.06	29.88	44.61	
27	30.53	28.25	27.90	26.96	29.06	32.06	41.14	47.76	51.94	42.93	15.06	8.61	8.61	4.31	2.15	4.31	25.82	39.60	44.83	48.00	47.81	43.39	39.00	32.60	51.94	
28	29.54	26.50	23.90	24.60	24.52	24.01	25.83	28.60	31.61	29.61	27.16	24.59	24.01	22.00	19.97	22.20	24.50	28.01	36.30	39.66	42.20	40.93	37.25	29.90	42.20	
29	12.44	10.73	10.94	11.80	19.55	18.50	19.20	22.14	22.77	21.45	10.73	4.29	2.15	0.21	0.21	0.21	2.57	15.18	20.89	26.02	29.50	23.93	21.27	14.43	29.50	
30	6.46	3.10	3.02	2.10	2.90	4.60	18.13	36.04	30.21	26.55	22.00	20.32	16.02	13.52	11.43	14.00	18.00	23.60	31.03	40.54	47.19	36.04	32.64	22.40	47.19	

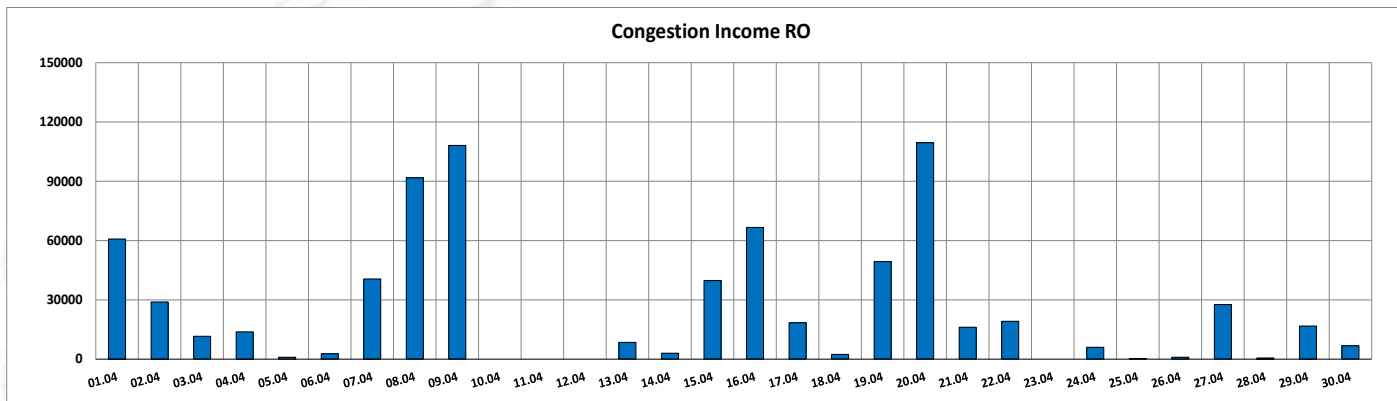
Average 26.04 EUR/MWh

Public

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	19.98	18.00	15.22	15.00	14.73	15.08	10.47	15.00	18.05	23.36	22.06	23.65	20.38	13.80	8.93	3.61	1.64	-	-	-	-	11.06	28.81	23.60	28.81	
2	7.42	15.05	14.90	14.42	12.68	-	-	16.24	18.62	4.39	-	-	-	-	-	-	-	-	4.23	13.67	7.08	-	-	-	18.62	
3	-	-	-	-	4.65	14.99	3.45	-	-	-	-	-	-	-	-	-	-	-	-	-	4.07	5.40	10.47	20.89	20.89	
4	16.40	14.27	11.21	3.37	-	-	-	2.09	1.91	-	-	-	-	-	-	-	-	-	-	-	-	6.08	25.82	25.40	25.82	
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.64	-	-	-	-	2.64	
6	-	-	-	-	-	-	5.50	5.02	2.43	-	-	-	-	-	-	-	-	-	0.70	-	-	-	-	-	5.50	
7	7.43	11.44	9.79	9.44	8.94	10.38	11.70	9.79	9.30	13.72	8.93	5.66	0.49	0.04	-	0.88	5.03	17.65	21.83	-	-	10.63	18.34	23.76	23.76	
8	23.30	20.00	17.67	16.90	17.00	18.38	19.58	21.93	24.65	24.00	19.79	19.94	17.15	11.84	7.51	9.93	13.63	19.20	21.31	21.19	21.77	30.17	36.21	33.78	36.21	
9	28.99	4.78	4.78	14.00	19.85	31.92	46.73	53.85	54.81	48.30	41.60	38.88	36.09	34.23	32.68	31.34	25.78	12.24	5.14	-	-	-	-	-	54.81	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
13	-	-	-	-	-	-	-	-	-	2.79	5.16	6.85	5.99	4.20	6.25	7.22	6.00	5.97	2.80	-	-	1.84	3.84	-	7.22	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.96	12.66	12.66	
15	-	-	-	-	-	-	-	-	-	15.35	19.06	18.71	18.96	22.85	20.25	20.63	15.86	15.87	23.57	7.75	4.95	16.07	29.28	25.83	29.28	
16	35.56	30.65	28.98	26.08	29.39	26.15	17.18	19.01	23.10	21.84	22.06	22.88	19.76	27.52	29.96	30.96	21.50	19.12	13.56	8.00	7.94	9.12	10.67	7.79	35.56	
17	6.06	8.54	13.70	25.83	24.79	9.98	12.16	5.17	8.50	2.88	2.13	0.65	-	-	0.51	3.06	1.78	5.45	6.40	-	-	0.90	-	2.02	25.83	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.73	6.34	-	-	-	4.51	5.00	6.34
19	3.31	21.24	22.95	25.14	21.31	6.44	11.83	12.27	10.12	7.77	13.53	24.78	25.97	29.31	28.26	24.57	6.30	4.07	14.08	3.38	6.94	9.95	14.10	32.17	32.17	
20	21.04	18.81	24.42	26.19	28.97	33.06	42.44	46.37	46.51	42.45	40.91	38.33	31.10	31.15	30.35	26.05	18.74	13.99	10.07	-	-	-	3.10	6.99	46.51	
21	10.08	11.33	14.54	11.55	0.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.45	25.86	25.86	
22	26.26	21.31	16.12	15.27	14.68	8.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.26	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
24	1.74	15.94	12.83	11.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.94	
25	-	-	-	-	-	-	-	-	0.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.72	
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.42	4.42
27	-	-	-	-	-	-	-	-	-	3.98	27.94	32.00	27.79	29.99	30.86	29.18	9.48	-	-	-	-	-	-	-	-	32.00
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.17	4.17
29	15.17	11.99	10.44	8.17	-	-	-	-	-	0.55	9.11	14.42	14.69	9.74	6.79	7.01	8.06	-	-	-	-	-	-	-	-	15.17
30	-	-	-	-	-	-	-	9.00	1.21	-	-	-	-	-	-	-	-	-	-	5.42	-	0.04	-	-	-	9.00

Average **15.84 EUR/MWh**

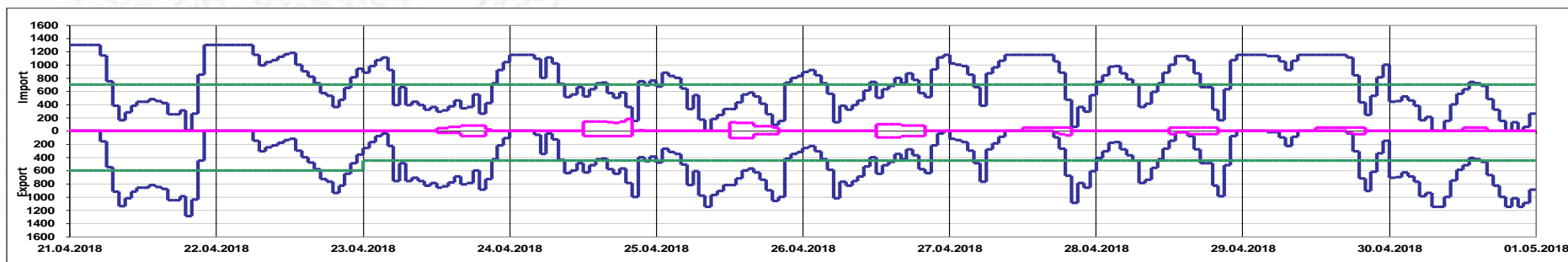
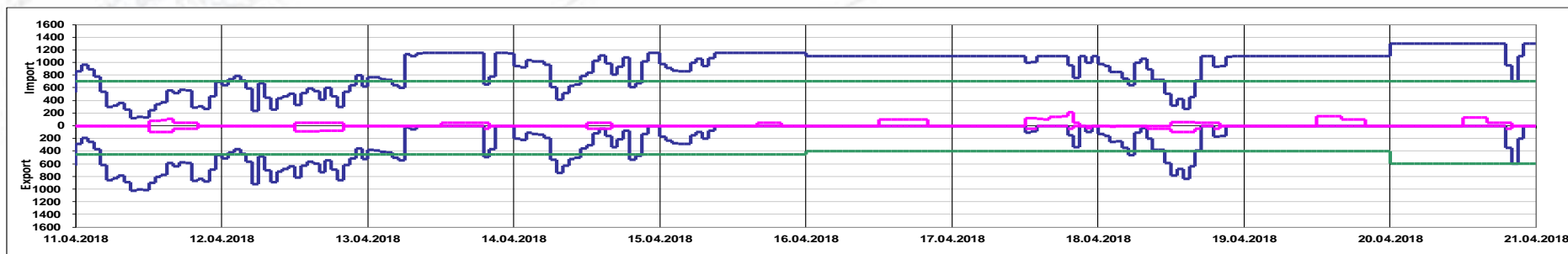
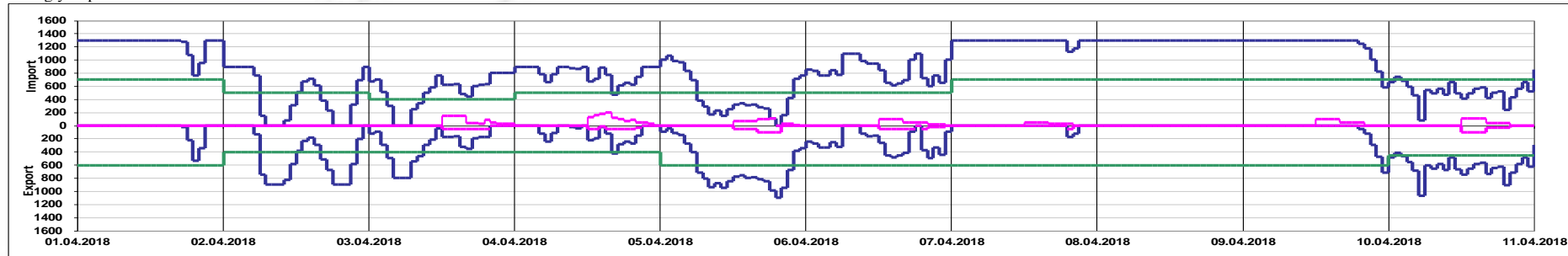


Day	Congestion Income border RO-HU [Euro]	Congestion Income RO [Euro]
01.04	121556	60778
02.04	57869	28935
03.04	23084	11542
04.04	27703	13852
05.04	1909	954
06.04	5324	2662
07.04	81119	40560
08.04	183535	91767
09.04	216208	108104
10.04	0	0
11.04	0	0
12.04	0	0
13.04	17025	8512
14.04	5959	2980
15.04	79472	39736
16.04	133300	66650
17.04	36814	18407
18.04	4831	2415
19.04	98745	49373
20.04	219052	109526
21.04	32279	16139
22.04	38326	19163
23.04	0	0
24.04	12025	6013
25.04	620	310
26.04	1918	959
27.04	55263	27631
28.04	1205	603
29.04	33564	16782
30.04	13492	6746
Total	1502198	751099

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-HU	HU-RO	RO-HU	HU-RO
1432602	69596	1285731	50760
1502198		1336491	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
165707	82854

Hungary April 2018



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

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

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

Public

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
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
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
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
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
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	-	-	-	0.00	0.00	-	-	-	0.00
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	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
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
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
17	-	-	-	-	-	-	-	-	-	-	-	-	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	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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
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
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
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
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
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
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
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

Hungary April 2018

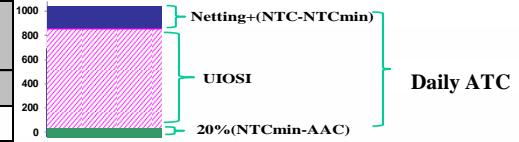
Auction Price [Euro/MWh] - Import

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
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
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	0.01	-	0.00	0.00	0.00	0.00	0.00	0.01
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	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	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

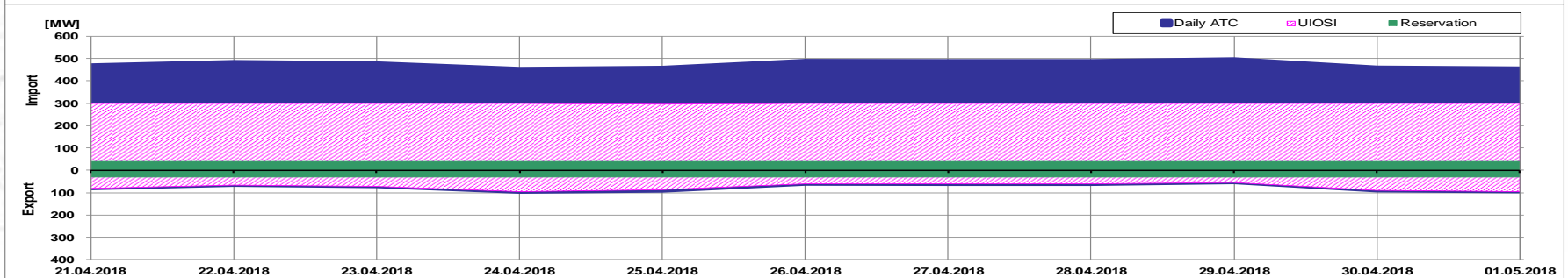
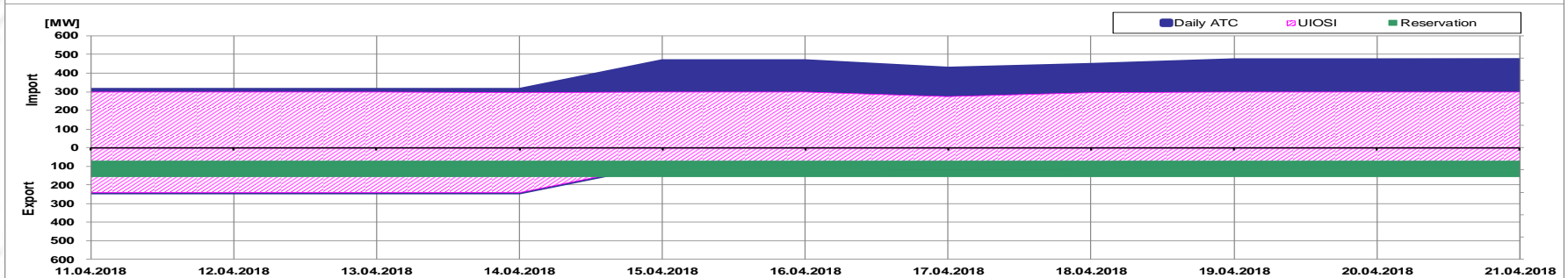
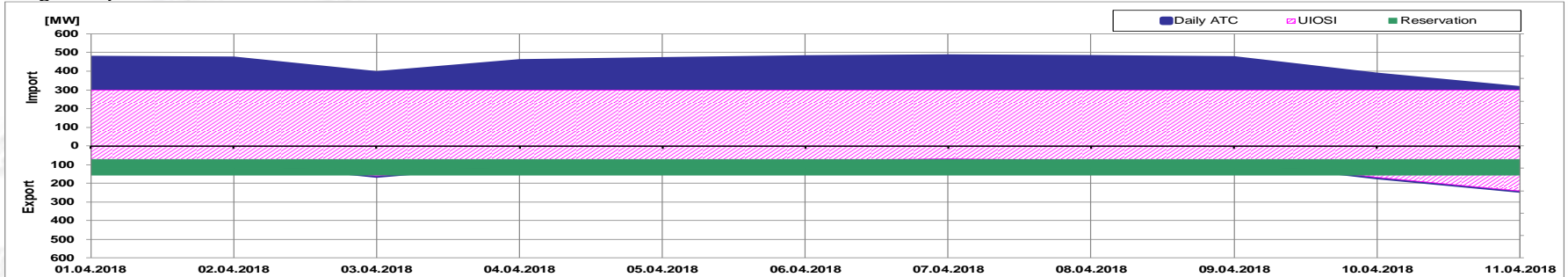
Hungary April 2018

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	101	254

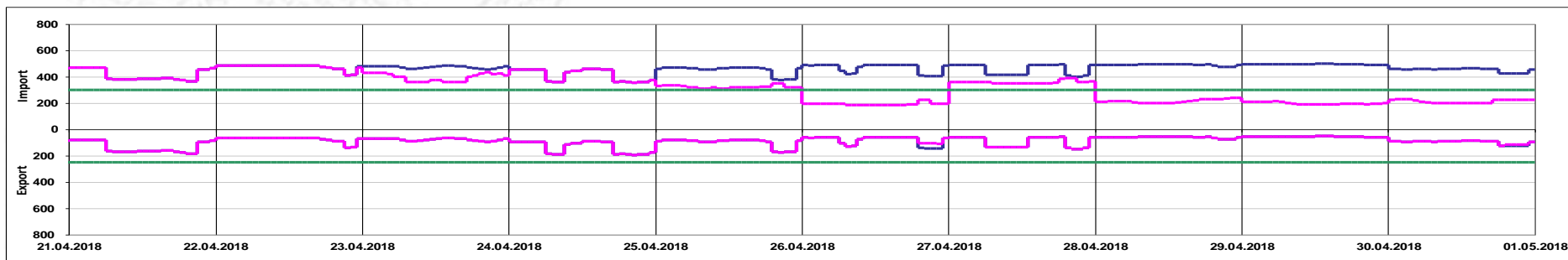
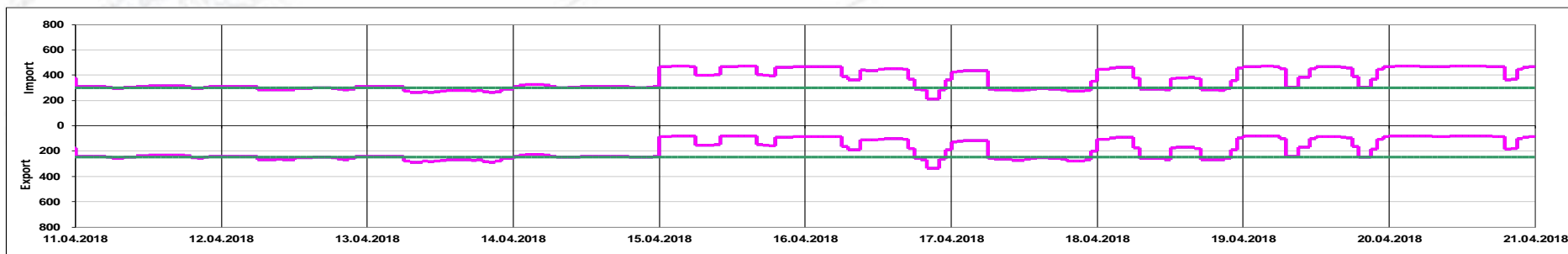
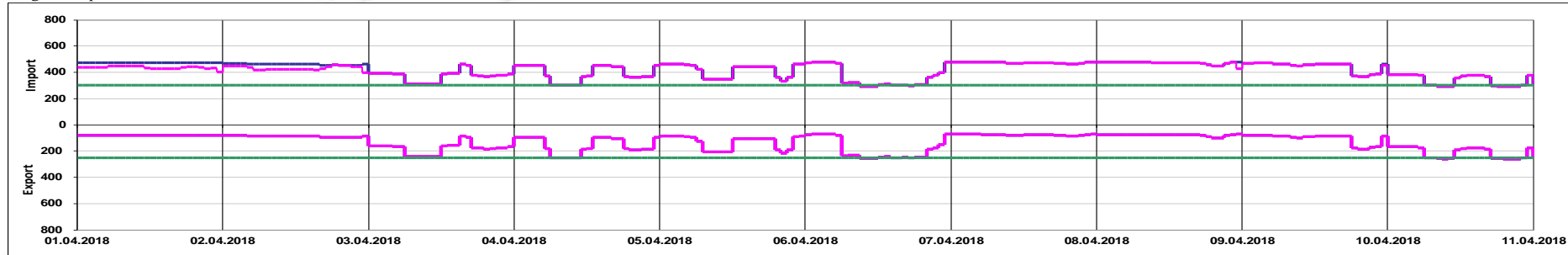


Bulgaria April 2018



Daily Auctions on Romanian – Bulgarian border

Bulgaria April 2018



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

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

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

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	13.07	13.07	13.07	13.07	13.07	13.07	9.61	11.15	11.39	8.47	7.51	8.09	8.51	5.55	5.55	5.55	5.55	2.52	2.52	2.52	4.52	7.55	10.55	14.71	14.71
2	18.80	16.80	15.45	15.00	14.00	11.75	8.00	3.00	3.00	3.00	3.00	2.00	4.00	7.00	5.15	5.00	1.00	0.77	0.65	0.65	0.94	2.00	7.12	9.39	18.80
3	0.77	0.77	0.52	0.52	0.52	0.52	0.24	0.33	0.33	0.33	0.33	0.40	1.59	2.98	3.55	1.65	3.47	1.33	0.55	0.55	0.55	3.33	4.02	5.33	5.33
4	7.55	7.32	5.83	5.46	3.86	0.58	0.15	0.21	0.21	0.21	0.25	0.63	0.74	3.25	3.25	2.55	1.88	1.88	0.31	0.31	0.64	0.64	1.04	14.98	14.98
5	5.15	3.01	3.55	3.95	3.25	1.22	1.22	1.22	1.22	1.22	1.22	1.22	2.55	3.25	3.25	3.25	3.25	1.22	1.22	0.89	0.57	0.89	2.63	4.73	5.15
6	0.38	0.38	0.38	0.38	0.38	0.29	0.38	0.38	0.38	0.17	0.17	0.33	0.33	0.38	0.38	0.38	0.38	0.36	0.23	0.17	0.19	0.38	0.55	6.69	6.69
7	12.54	11.69	11.17	11.02	10.41	7.55	2.55	2.55	3.55	4.28	8.55	10.55	15.00	15.22	15.22	15.00	15.17	6.67	1.77	1.55	1.55	2.55	8.55	15.22	15.22
8	11.00	11.00	11.00	11.00	11.00	11.00	11.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	3.00	3.00	3.00	5.00	6.00	6.00	11.00
9	8.56	8.56	8.56	8.56	8.56	7.89	5.04	1.06	0.67	1.36	1.56	1.56	3.56	3.56	3.56	3.56	3.56	0.56	0.07	0.03	0.03	0.07	0.07	0.56	8.56
10	3.69	2.56	2.56	2.56	2.56	2.34	0.55	0.36	0.69	0.44	0.36	0.69	0.86	0.98	0.98	0.98	0.69	0.26	0.26	0.56	0.56	0.56	0.56	1.23	3.69
11	0.33	0.55	1.02	1.12	1.12	0.33	0.23	0.17	0.20	0.26	0.26	0.26	0.26	0.55	0.55	0.55	0.55	0.26	0.20	0.20	0.17	0.20	0.26	0.33	1.12
12	1.09	1.69	1.69	1.69	1.69	0.77	0.36	0.36	0.36	0.36	0.36	0.36	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.13	0.13	0.13	0.23	1.11	1.69
13	1.77	2.78	3.19	3.25	2.55	1.77	0.33	0.33	0.33	0.33	0.23	0.26	0.33	0.55	0.55	0.33	0.33	0.23	0.20	0.14	0.14	0.14	0.33	0.33	3.25
14	0.55	0.55	0.55	0.55	0.55	0.44	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.20	0.20	0.20	0.14	0.14	0.22	0.55
15	2.66	3.12	3.00	3.68	2.75	0.50	0.07	0.36	0.37	0.39	2.90	3.55	1.33	3.39	3.49	4.19	0.40	0.68	0.42	2.72	3.04	12.14	15.85	16.40	16.40
16	20.40	18.60	17.70	15.00	14.66	8.30	1.34	0.51	0.64	7.82	8.24	9.80	10.44	10.48	10.20	9.68	9.65	2.12	0.13	0.13	0.02	0.02	0.03	0.09	20.40
17	3.56	3.56	2.76	2.73	2.73	2.73	0.04	0.04	0.04	0.15	0.13	0.15	0.15	0.48	0.75	0.47	0.39	0.13	0.13	0.02	0.02	0.02	0.03	0.13	3.56
18	4.44	3.25	3.14	3.25	3.25	2.25	0.20	0.13	0.13	0.13	0.13	0.53	1.24	1.24	1.33	1.24	1.24	0.27	0.19	0.18	0.39	1.67	4.35	8.46	8.46
19	6.78	6.78	9.37	9.12	9.29	5.01	3.25	1.75	1.75	3.89	3.95	6.22	9.18	11.91	12.47	10.09	5.27	3.25	3.25	0.77	0.77	1.60	2.59	3.70	12.47
20	10.55	10.55	12.28	16.78	16.81	10.66	9.18	8.71	7.69	8.26	10.25	16.00	16.00	16.00	16.00	16.00	8.20	5.25	5.25	5.25	5.25	4.55	6.80	11.63	16.81
21	8.00	11.00	11.00	11.00	11.00	6.00	1.66	1.65	1.65	1.65	2.01	1.66	1.66	2.50	2.50	2.50	2.02	2.02	2.02	1.85	2.00	3.25	10.55	12.00	12.00
22	17.00	12.16	12.16	12.16	10.16	9.50	8.16	5.00	4.69	5.50	6.50	6.60	7.50	8.10	8.24	9.36	7.65	3.50	1.23	0.44	0.44	0.26	0.28	1.63	17.00
23	4.23	5.19	5.19	5.19	4.97	3.69	2.50	2.56	2.56	3.50	4.12	3.69	4.50	6.78	6.78	5.61	6.00	4.37	2.55	0.43	0.43	0.36	3.00	6.00	6.78
24	3.25	3.25	3.25	3.88	3.88	4.12	2.55	1.25	1.66	3.88	3.88	3.88	6.88	6.88	6.88	6.88	6.88	3.86	3.05	0.75	0.75	0.66	0.66	1.25	6.88
25	3.88	5.12	5.12	5.12	5.88	5.12	4.45	2.71	2.33	4.65	7.88	7.88	9.68	9.91	10.50	8.69	7.88	7.88	5.12	1.72	0.88	0.88	1.55	5.12	10.50
26	13.50	13.50	15.00	15.00	15.00	15.00	5.00	4.00	4.00	8.12	15.00	16.52	16.52	16.52	17.00	17.00	17.00	17.00	7.90	0.00	0.00	0.00	0.00	5.00	17.00
27	8.12	8.12	8.12	8.12	8.12	8.12	2.10	1.02	2.00	2.22	2.22	4.00	5.00	9.99	9.99	9.99	8.01	5.00	3.33	0.53	0.53	0.53	0.53	5.00	9.99
28	3.00	3.25	6.02	5.59	3.25	3.25	3.25	1.66	1.66	1.66	9.00	12.00	14.50	14.50	14.50	7.50	7.11	3.25	2.10	1.05	1.00	1.00	1.00	1.05	14.50
29	0.55	2.00	2.25	2.25	2.25	2.25	2.25	2.25	2.25	5.32	8.00	10.00	10.00	13.00	19.00	16.00	16.00	11.00	4.25	3.00	3.00	3.00	3.00	5.00	19.00
30	0.07	0.07	0.07	0.07	0.07	0.07	1.25	2.55	3.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	1.25	0.07	0.00	0.00	0.00	0.00	0.07	5.00

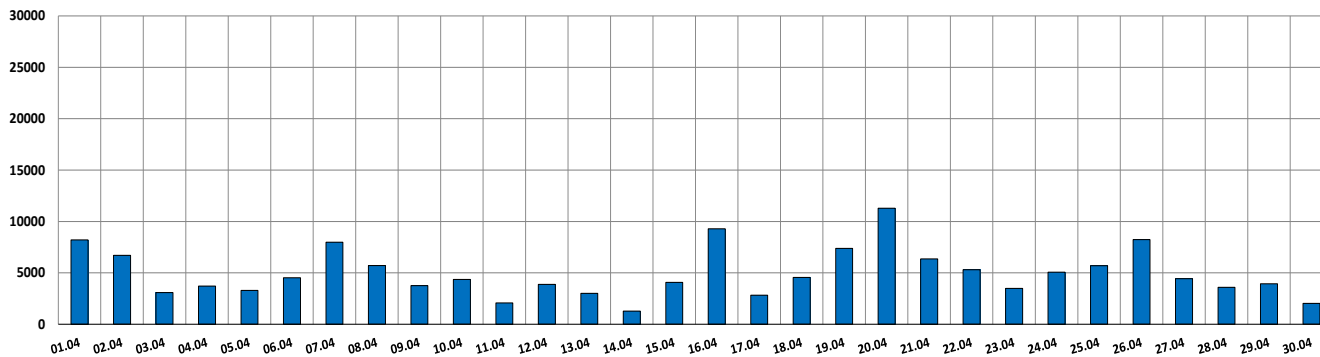
Bulgaria April 2018

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	0.02	0.02	0.02	0.00	0.00	0.00	0.00	
3	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.11	0.11	0.11	0.11	0.11	0.05	0.05	0.05	0.03	0.03	0.12	0.13	0.16	0.10	0.08	0.05	0.05	0.16	
4	0.03	0.03	0.03	0.03	0.03	0.05	0.16	0.16	0.16	0.22	0.16	0.08	0.08	0.03	0.03	0.03	0.03	0.05	0.13	0.13	0.08	0.08	0.07	0.03	0.22	
5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.08	0.08	0.08	0.08	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.08	0.09	0.06	0.03	0.03	0.09	
6	0.03	0.03	0.03	0.03	0.03	0.03	1.75	2.00	2.00	2.55	1.75	1.10	1.00	0.21	0.55	0.55	0.55	1.99	2.55	2.55	1.55	0.13	0.08	0.03	2.55	
7	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	0.04	0.03	0.03	0.03	0.04	
8	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.02	0.02	0.07	0.07	0.02	0.02	0.00	0.07	
9	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.07	0.07	0.07	0.07	0.07	0.04	0.03	0.03	0.03	0.03	0.07	0.33	0.33	0.20	0.07	0.07	0.00	0.33	
10	0.04	0.04	0.03	0.03	0.03	0.03	0.55	0.69	0.69	0.69	0.26	0.07	0.04	0.03	0.03	0.03	0.07	0.69	1.23	2.56	2.56	1.12	0.33	0.03	2.56	
11	0.06	0.06	0.06	0.06	0.06	0.06	0.36	0.49	0.36	0.36	0.36	0.15	0.15	0.11	0.11	0.11	0.12	0.20	0.51	0.88	0.88	0.21	0.06	0.06	0.88	
12	0.08	0.07	0.07	0.07	0.07	0.07	0.88	0.33	0.33	0.33	0.38	0.33	0.23	0.16	0.23	0.16	0.33	0.55	0.50	2.55	2.90	1.69	0.13	0.08	2.90	
13	0.08	0.08	0.08	0.08	0.08	0.08	0.11	0.13	0.13	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.13	0.19	0.22	0.22	0.22	0.22	0.11	0.22	
14	0.11	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.10	0.10	0.10	0.08	0.10	0.11	0.11	0.11	0.11	0.13	0.13	0.22	0.22	0.21	0.13	0.11	0.22	
15	0.04	0.04	0.02	0.02	0.02	0.08	0.13	0.08	0.08	0.08	0.03	0.03	0.03	0.03	0.03	0.03	0.08	0.08	0.08	0.06	0.06	0.04	0.04	0.03	0.13	
16	0.03	0.03	0.03	0.03	0.02	0.02	0.06	0.08	0.08	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.08	0.16	0.47	2.50	1.02	0.53	0.08	2.50	
17	0.04	0.04	0.04	0.04	0.04	0.04	0.34	0.49	0.50	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.23	1.63	2.70	1.56	0.16	0.13	2.70	
18	0.08	0.08	0.08	0.08	0.08	0.08	0.15	0.88	0.88	0.50	0.34	0.15	0.09	0.08	0.08	0.08	0.09	0.55	1.12	2.70	2.70	0.54	0.13	0.08	2.70	
19	0.04	0.04	0.04	0.04	0.04	0.04	0.12	0.50	0.50	0.24	0.15	0.07	0.03	0.03	0.03	0.03	0.03	0.09	0.15	1.12	1.02	0.15	0.09	0.07	1.12	
20	0.08	0.03	0.03	0.03	0.03	0.03	0.03	0.06	0.06	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.07	0.07	0.26	0.26	0.08	0.08	0.08	0.26	
21	0.02	0.03	0.03	0.03	0.03	0.03	0.07	0.10	0.10	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.19	0.19	0.19	0.26	0.06	0.06	0.06	0.26	
22	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	0.03	0.03	0.00	0.03
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	0.05	0.03	0.03	0.03	0.03	0.03	0.06	0.08	0.08	0.03	0.03	0.03	0.03	0.02	0.02	0.03	0.03	0.08	0.08	0.08	0.08	0.13	0.13	0.08	0.13	
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	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	0.00	

Bulgaria April 2018

Congestion Income RO



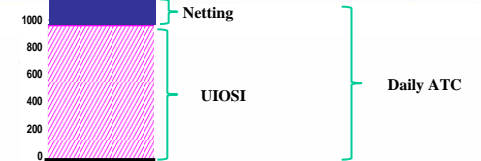
Day	Congestion Income border RO-BG [Euro]	Congestion Income RO [Euro]
01.04	16399	8199
02.04	13388	6694
03.04	6147	3073
04.04	7414	3707
05.04	6580	3290
06.04	9053	4526
07.04	15956	7978
08.04	11422	5711
09.04	7504	3752
10.04	8709	4354
11.04	4151	2076
12.04	7760	3880
13.04	6010	3005
14.04	2538	1269
15.04	8153	4077
16.04	18563	9281
17.04	5652	2826
18.04	9118	4559
19.04	14761	7380
20.04	22577	11288
21.04	12716	6358
22.04	10606	5303
23.04	6964	3482
24.04	10133	5067
25.04	11397	5698
26.04	16459	8230
27.04	8853	4427
28.04	7168	3584
29.04	7871	3935
30.04	4055	2027
Total	298075	149038

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-BG	BG-RO	RO-BG	BG-RO
265434	32641	168467	25271
298075		193739	

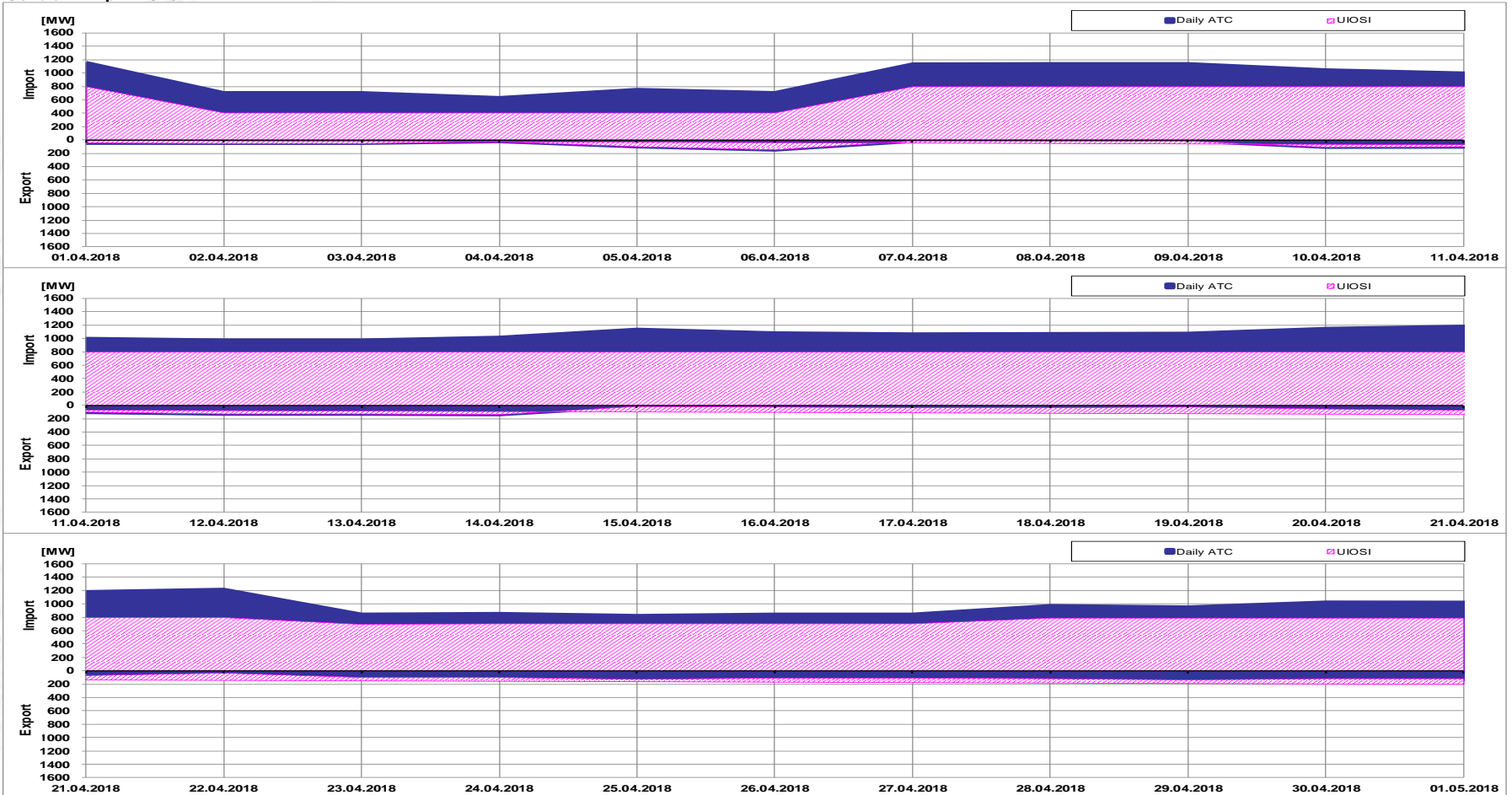
TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
104336	52168

Daily Auctions on Romanian – Serbian border

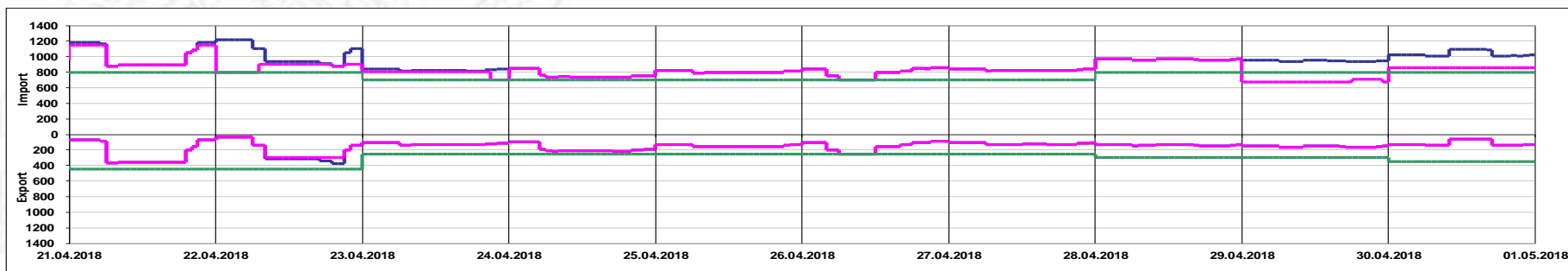
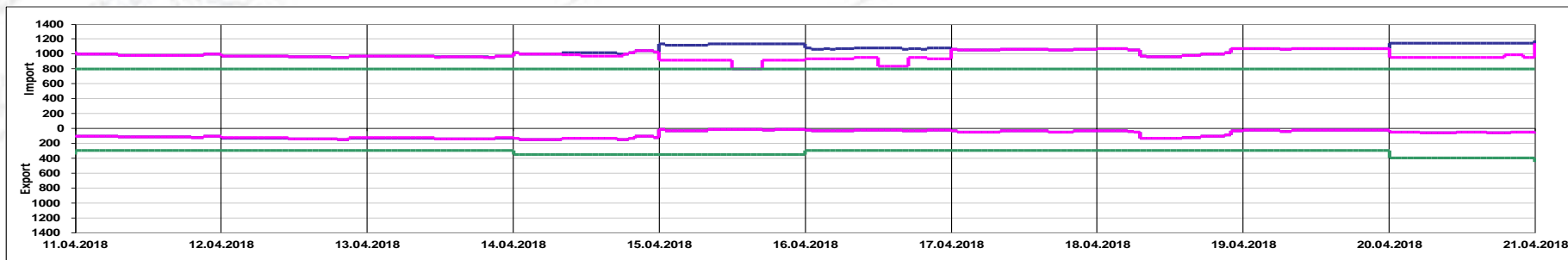
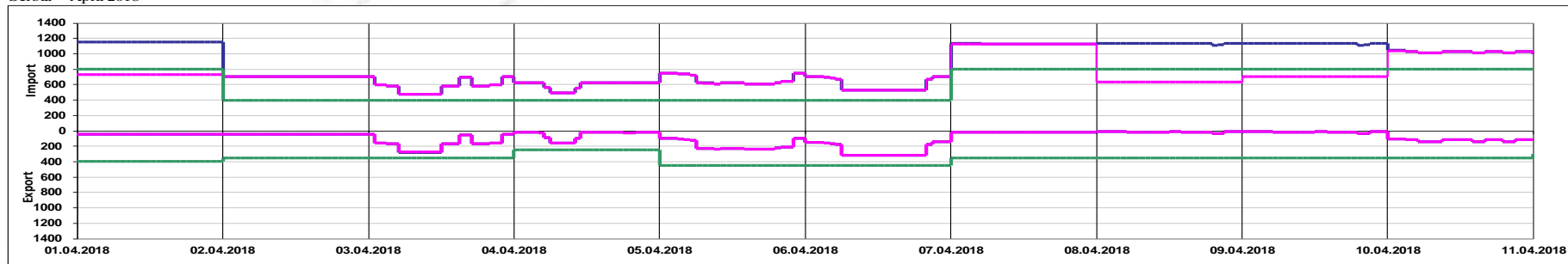
Unused Capacity [MW] average value	
RO-RS	RS-RO
105	712



Serbia April 2018



Serbia April 2018



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

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

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

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	17.55	16.55	15.22	15.22	15.22	15.22	6.55	8.55	12.55	12.55	7.22	7.22	7.22	5.22	2.00	1.55	1.55	3.55	17.55	17.55	19.55	19.55	23.55	24.55	24.55
2	20.55	18.55	15.55	12.55	9.55	9.55	2.00	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	1.25	1.25	1.25	1.25	1.25	1.30	3.23	3.54	20.55
3	1.44	0.31	0.41	0.30	0.22	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.11	0.16	0.22	0.55	0.57	0.44	0.36	0.36	0.57	1.31	4.55	3.55	4.55
4	10.55	8.77	4.22	3.55	2.23	0.48	0.29	0.27	0.33	0.33	0.57	2.55	2.00	3.00	1.35	1.17	1.00	1.00	4.00	6.22	3.00	4.00	16.22	15.22	16.22
5	7.02	5.82	4.98	2.96	1.59	1.00	0.40	0.40	0.40	0.33	0.40	0.40	0.40	0.40	0.33	0.33	0.33	0.33	0.33	0.40	0.40	0.40	3.55	3.38	7.02
6	0.55	0.55	0.55	0.55	0.55	0.55	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.20	0.20	2.55	3.00	3.00
7	4.52	4.47	5.54	5.49	3.85	3.85	3.55	2.55	2.55	3.85	2.55	3.85	3.85	2.55	2.55	2.55	2.55	3.85	3.16	2.55	2.55	3.85	7.95	9.45	9.45
8	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.07	9.49	10.12	7.99	7.66	6.00	6.00	6.00	6.00	3.89	6.44	7.58	1.10	1.10	11.00	11.00	11.00	11.07
9	21.00	19.40	19.30	17.90	17.22	11.84	11.00	10.24	9.49	10.76	11.00	16.00	16.00	16.00	16.00	16.00	11.00	11.00	2.36	0.24	0.24	5.40	11.00	11.00	21.00
10	5.00	3.00	2.00	2.00	1.00	1.22	1.00	0.55	0.55	1.22	1.22	1.11	0.55	0.55	0.55	0.55	0.50	0.50	0.55	0.41	0.41	0.50	1.22	0.50	5.00
11	0.28	0.28	0.22	0.22	0.22	0.28	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	0.28	0.22	0.28
12	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.21	0.21	0.21	0.21	0.21	0.26	0.26	0.26	0.26
13	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.30	0.30	0.33	0.33	0.33	0.33
14	0.36	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.26	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.26	0.50	0.88	0.88	0.88	0.88
15	3.00	3.00	2.68	3.00	2.88	2.10	1.84	2.00	2.67	3.00	5.00	7.00	7.00	7.00	3.72	4.19	4.33	3.00	3.00	3.00	3.00	5.31	8.00	10.25	10.25
16	13.11	8.33	8.63	7.65	7.47	7.19	7.93	6.68	4.59	5.62	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.57	3.00	2.64	2.64	2.64	8.00	8.00	13.11
17	8.55	8.55	8.00	8.55	8.55	5.30	1.60	2.95	3.70	2.57	1.61	1.76	1.56	1.10	1.28	1.10	1.05	3.00	3.36	3.36	3.36	2.24	5.00	3.55	8.55
18	2.55	3.22	3.00	2.49	2.49	1.55	0.88	0.56	0.56	0.56	0.56	0.56	0.56	0.51	0.56	0.56	0.56	0.87	0.87	0.87	0.87	3.19	20.00	23.55	23.55
19	10.55	8.38	15.55	15.55	15.55	7.55	4.00	1.96	5.75	5.75	10.00	10.00	10.00	10.22	10.00	5.55	3.55	2.58	4.60	1.55	2.11	4.25	21.11	23.55	23.55
20	9.00	9.00	9.00	9.00	12.25	12.25	12.25	9.63	9.14	8.18	12.25	12.25	12.25	12.25	12.25	12.25	6.96	6.00	6.00	4.15	6.00	6.00	6.00	13.11	13.11
21	5.00	11.00	14.00	11.34	9.00	4.00	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.50	0.31	5.00	9.00	11.00	14.00
22	8.63	7.98	7.23	6.77	4.48	4.64	0.50	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.23	0.23	8.63	8.63
23	0.20	0.20	0.20	0.20	0.20	0.20	0.11	0.11	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.11	0.11	0.11	0.20	0.38	3.83	2.91	3.83
24	1.52	1.00	1.00	1.00	0.44	0.13	0.13	0.09	0.13	0.13	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.13	0.13	0.13	0.13	1.52
25	0.55	0.55	0.55	0.51	0.50	0.25	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	0.25	1.00	1.00	1.00
26	0.55	0.50	0.25	0.25	0.09	0.09	0.03	0.03	0.03	0.03	0.03	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	2.00	5.00	4.00	5.00
27	0.55	1.00	1.00	0.55	0.50	0.55	0.25	0.50	0.55	0.55	0.55	0.55	0.55	0.55	0.50	0.50	0.50	0.50	0.50	0.25	0.25	0.51	3.00	3.00	3.00
28	0.66	0.66	0.66	0.66	0.66	0.66	0.57	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.65	0.65	0.65	0.65	0.66	1.40	1.40	1.40
29	0.50	0.50	0.50	0.50	0.50	0.54	0.65	0.65	0.65	1.50	1.51	1.51	1.51	1.51	1.51	1.51	1.50	1.50	0.51	0.45	0.45	0.45	0.45	0.65	1.51
30	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	1.24	2.52	2.69	3.92	4.97	4.33	0.74	0.55	0.55	0.55	0.55	0.55	0.55	0.55	4.97

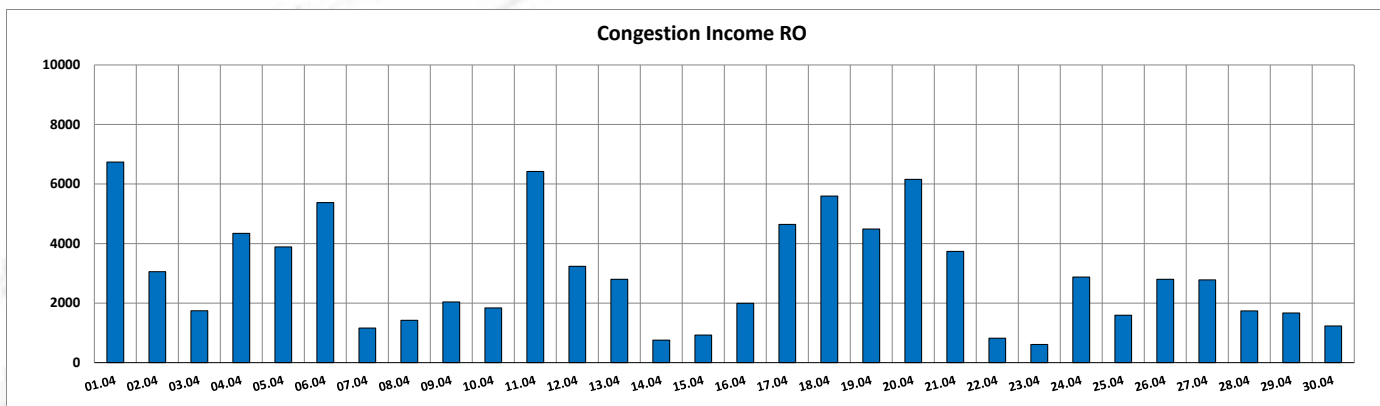
Serbia April 2018

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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3	0.06	0.06	0.06	0.06	0.06	0.11	0.13	0.55	0.55	0.55	0.39	0.33	0.13	0.13	0.13	0.11	0.06	0.09	0.09	0.09	0.09	0.09	0.09	0.06	0.06	0.55
4	0.36	0.25	0.25	0.25	0.25	0.36	0.55	0.75	0.75	0.75	0.75	0.56	0.56	0.56	0.56	0.56	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.26	0.26	0.75
5	0.11	0.15	0.17	0.20	0.20	0.25	0.27	0.25	0.17	0.17	0.17	0.17	0.17	0.17	0.25	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.17	0.17	0.27
6	0.18	0.36	0.36	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.88	1.00	1.00	1.25	1.25	1.25	1.25	0.56	0.36	0.36	0.36	0.36	0.36	1.25
7	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
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	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.03
11	0.39	0.55	0.67	0.67	0.67	0.67	0.92	0.92	0.55	0.55	0.50	0.23	0.39	0.45	0.45	0.45	0.45	0.88	0.64	0.50	0.22	0.22	0.22	0.21	0.21	0.92
12	0.16	0.16	0.16	0.16	0.16	0.16	0.35	0.35	0.36	0.36	0.36	0.36	0.18	0.18	0.18	0.18	0.16	0.16	0.16	0.36	0.36	0.35	0.35	0.16	0.16	0.36
13	0.19	0.19	0.22	0.22	0.22	0.22	0.22	0.19	0.22	0.22	0.19	0.22	0.19	0.16	0.16	0.16	0.19	0.19	0.19	0.22	0.22	0.19	0.19	0.16	0.16	0.22
14	0.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.02	0.02	0.05	0.08	0.08	
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	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.19	0.20	0.20	0.20	0.20	0.20	0.22
18	0.21	0.21	0.21	0.21	0.21	0.21	0.24	0.37	0.45	0.45	0.50	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.29	0.34	0.34	0.24	0.21	0.21	0.50	
19	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.11	0.11	0.17	0.17	0.11	0.11	0.10	0.10	0.17	
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	0.07	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.04	0.01	0.00	0.00	0.00	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	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	
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	0.14	0.14	0.14	0.14	0.14	0.17	0.22	0.25	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.36	0.44	0.33	0.25	0.22	0.20	0.44	
25	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.17	0.23	0.15	0.09	0.04	0.04	0.23	
26	0.11	0.11	0.11	0.11	0.12	0.12	0.13	0.22	0.45	0.44	0.44	0.44	0.35	0.35	0.35	0.35	0.22	0.22	0.22	0.22	0.11	0.11	0.09	0.05	0.45	
27	0.11	0.11	0.11	0.11	0.11	0.11	0.17	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.16	0.09	0.21	
28	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	0.03	0.05	
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

Serbia April 2018

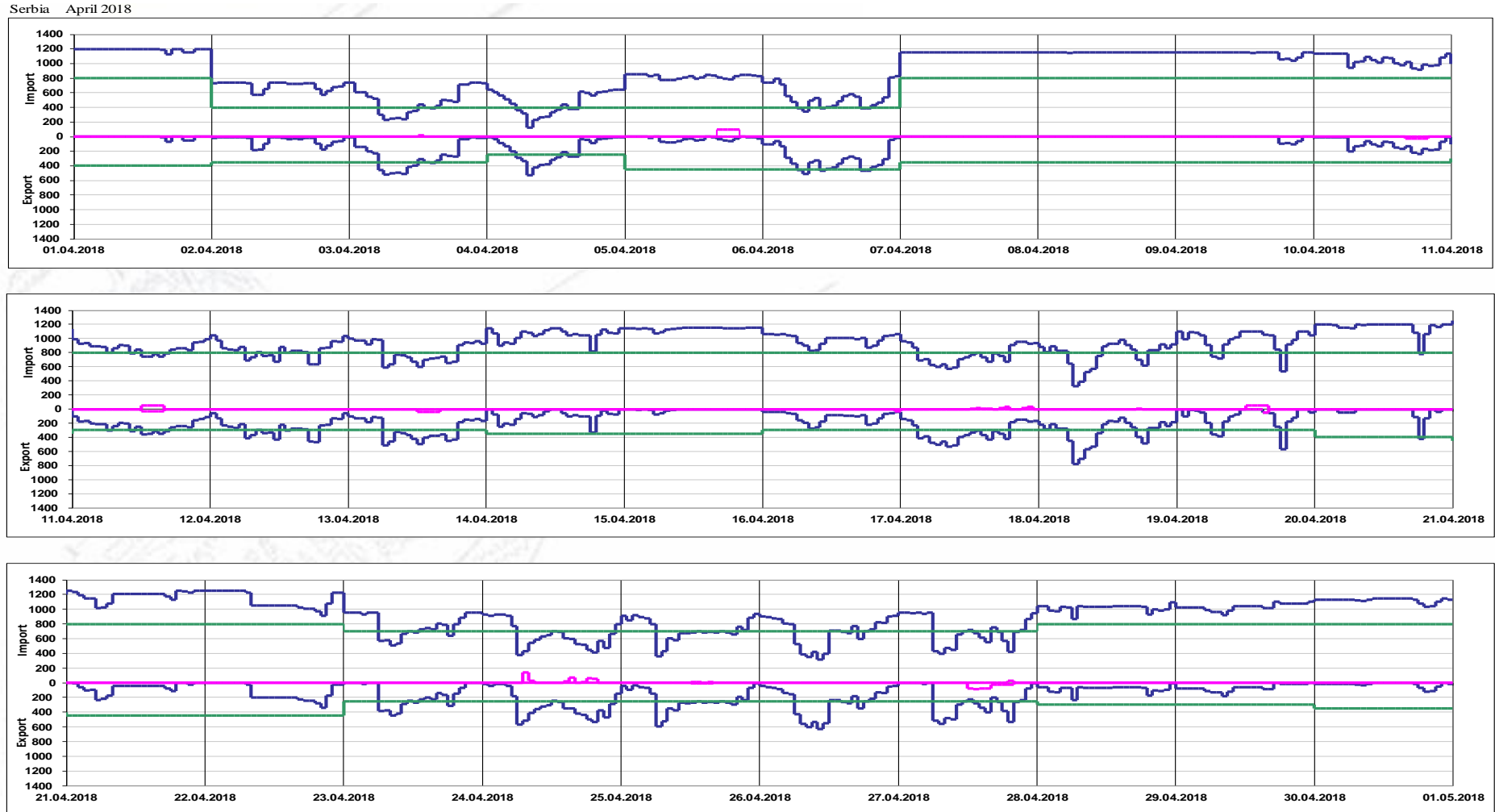
Daily Allocation on Romanian – Serbian border



Day	Congestion Income border RO-RS [Euro]	Congestion Income RO [Euro]
01.04	13476	6738
02.04	6110	3055
03.04	3481	1741
04.04	8686	4343
05.04	7773	3887
06.04	10749	5374
07.04	2319	1159
08.04	2842	1421
09.04	4072	2036
10.04	3680	1840
11.04	12843	6422
12.04	6477	3238
13.04	5600	2800
14.04	1516	758
15.04	1850	925
16.04	3986	1993
17.04	9284	4642
18.04	11191	5595
19.04	8978	4489
20.04	12309	6155
21.04	7477	3738
22.04	1637	819
23.04	1223	611
24.04	5755	2878
25.04	3181	1591
26.04	5597	2799
27.04	5562	2781
28.04	3475	1737
29.04	3338	1669
30.04	2459	1229
Total	176926	88463

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-RS	RS-RO	RO-RS	RS-RO
97843	79084	95245	61727
176926		156972	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
19955	9977



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

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

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

Public

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		
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	
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	
8	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	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		
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	
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
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
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
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	
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	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	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	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
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	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	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	

Serbia April 2018

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	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

Serbia April 2018

Statistics on Monthly Auction

April 2018		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
Hungary export	Number of Capacity Traders	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	Number of Capacity Holders	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	Number of Bids	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
Hungary import	Number of Capacity Traders	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
	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	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
Bulgaria export	Number of Capacity Traders	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	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	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
Bulgaria import	Number of Capacity Traders	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	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	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
Serbia export	Number of Capacity Traders	8	7	7	7	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 Capacity Holders	7	6	6	5	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	8	8	5	5	5	5	7	7
	Number of Bids	35	33	33	31	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Serbia import*	Number of Capacity Traders	9/4	9	9	9	9	9	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3	9/3
	Number of Capacity Holders	9/4	5	5	5	5	5	5/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2
	Number of Bids	22/1	23	23	23	23	23	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1	22/1
Ukraine export*	Number of Capacity Traders	2/1	-	-	-	-	-	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1
	Number of Capacity Holders	2/1	-	-	-	-	-	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1
	Number of Bids	2/1	-	-	-	-	-	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1
Ukraine import*	Number of Capacity Traders	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1
	Number of Capacity Holders	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1	4/1
	Number of Bids	11/3	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1	13/1
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* first auction session / second auction session

April 2018	Maximum	Minimum
Number of Capacity Traders	20	1
Number of Capacity Holders	9	1
Number of Bids	109	1

Public

Statistics on Daily Auctions

April 2018		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
Serbia Export	Maximum Number of Capacity Traders	5	5	6	9	10	8	9	5	6	9	9	8	8	9	7	6	8	9	9	9	9	6	6	9	9	8	8	9	5	6
	Maximum Number of Capacity Holders	4	3	6	6	6	7	3	3	3	3	3	6	3	4	3	3	3	6	3	4	8	6	4	6	4	6	4	4	4	4
	Maximum Number of Bids	11	13	14	14	22	19	17	12	13	19	17	16	18	18	12	11	15	15	14	13	18	12	10	13	15	15	16	20	16	13
Serbia Import	Maximum Number of Capacity Traders	6	7	10	12	10	11	10	6	6	10	11	10	11	11	7	8	11	11	12	9	9	7	7	12	11	12	11	9	6	6
	Maximum Number of Capacity Holders	6	6	10	10	7	8	8	6	6	9	10	10	9	11	7	8	8	8	8	9	9	7	7	10	10	9	9	8	6	6
	Maximum Number of Bids	20	22	25	32	33	30	30	18	19	33	42	33	36	30	21	23	36	34	33	28	28	23	20	32	29	31	32	27	18	21
Bulgaria Export	Maximum Number of Capacity Traders	5	7	7	9	8	9	9	6	5	9	9	9	9	8	5	6	8	9	11	10	11	5	7	10	8	11	9	9	6	6
	Maximum Number of Capacity Holders	4	5	5	7	6	7	5	4	5	4	5	6	5	5	5	6	7	6	5	4	7	4	5	7	6	8	8	5	4	5
	Maximum Number of Bids	12	14	18	18	18	20	19	14	12	20	19	20	20	18	18	18	21	22	24	22	20	14	17	22	18	12	17	10	6	6
Bulgaria Import	Maximum Number of Capacity Traders	5	8	10	12	11	11	11	9	8	11	11	13	11	11	7	8	11	11	11	10	10	5	5	8	8	8	9	7	5	5
	Maximum Number of Capacity Holders	5	8	10	12	11	9	11	9	8	10	8	11	9	9	7	8	8	10	8	10	9	5	5	7	8	8	9	7	5	5
	Maximum Number of Bids	17	19	24	25	25	28	25	19	18	26	24	28	25	24	20	20	23	26	26	25	22	17	18	20	12	8	15	8	6	6

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

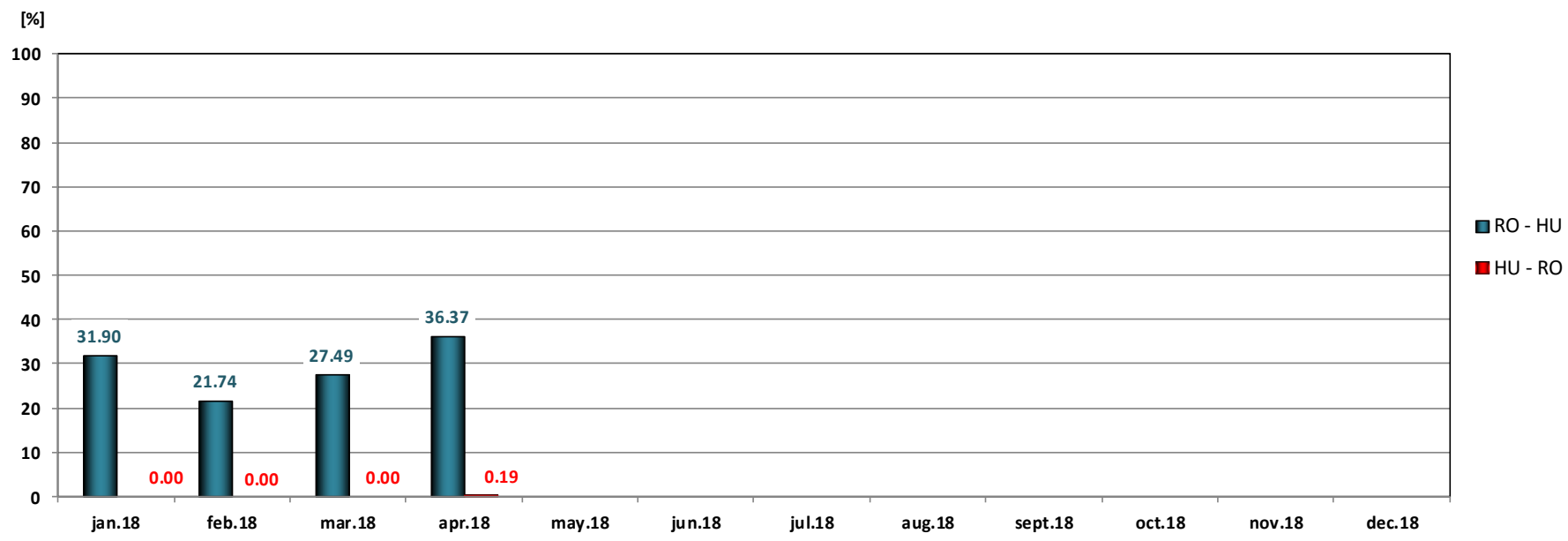
Statistics on Intraday Auctions

April 2018		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
Hungary Export	Maximum Number of Capacity Traders	0	0	1	1	2	1	1	-	0	2	2	2	1	1	0	-	1	2	-	1	0	0	2	2	3	2	2	1	1	0
	Maximum Number of Capacity Holders	-	-	1	1	2	1	1	-	-	2	2	2	1	1	-	-	1	2	-	1	-	-	2	2	3	2	2	1	1	-
Hungary Import	Maximum Number of Capacity Traders	0	0	2	3	3	2	1	0	2	3	2	1	1	1	1	2	4	2	3	3	0	0	2	3	3	2	1	1	1	1
	Maximum Number of Capacity Holders	-	-	2	3	3	2	1	-	2	3	2	1	1	1	1	2	4	2	3	3	-	-	2	3	3	2	1	1	1	1
Serbia Export	Maximum Number of Capacity Traders	0	0	0	0	0	0	-	0	1	1	1	0	2	0	0	1	0	0	1	0	0	0	0	0	1	0	2	0	0	0
	Maximum Number of Capacity Holders	-	-	-	-	-	-	-	-	1	1	1	-	2	-	-	0	-	-	1	-	-	0	-	-	1	-	2	-	-	-
Serbia Import	Maximum Number of Capacity Traders	0	0	1	0	2	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	1	0	0	0
	Maximum Number of Capacity Holders	-	-	1	-	2	-	-	-	-	-	1	-	-	-	-	-	1	1	1	-	-	0	-	1	1	-	1	-	-	-

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

Usage Level of Allocated Capacity

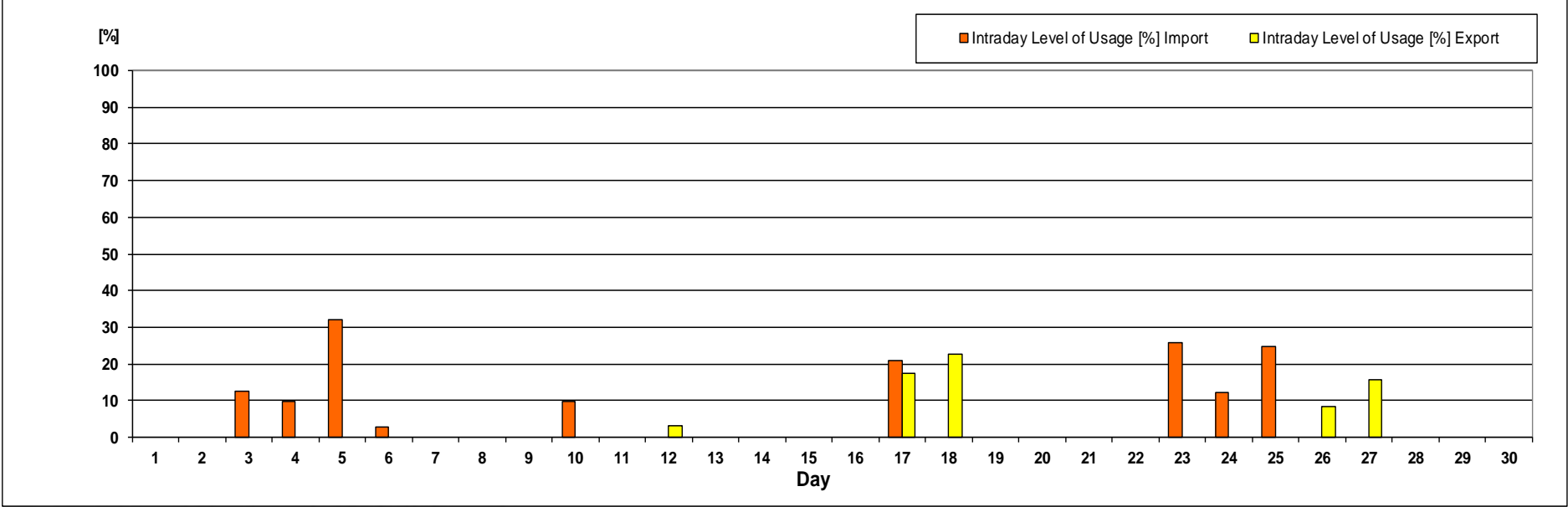
Usage Level of Yearly and Monthly Allocated Capacity on Romanian - Hungarian border



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: 29.38 % on export direction and 0.05 % on import direction.

Usage Level of Intraday Allocated Capacity

Hungary April 2018



Intraday Level of Usage [%]

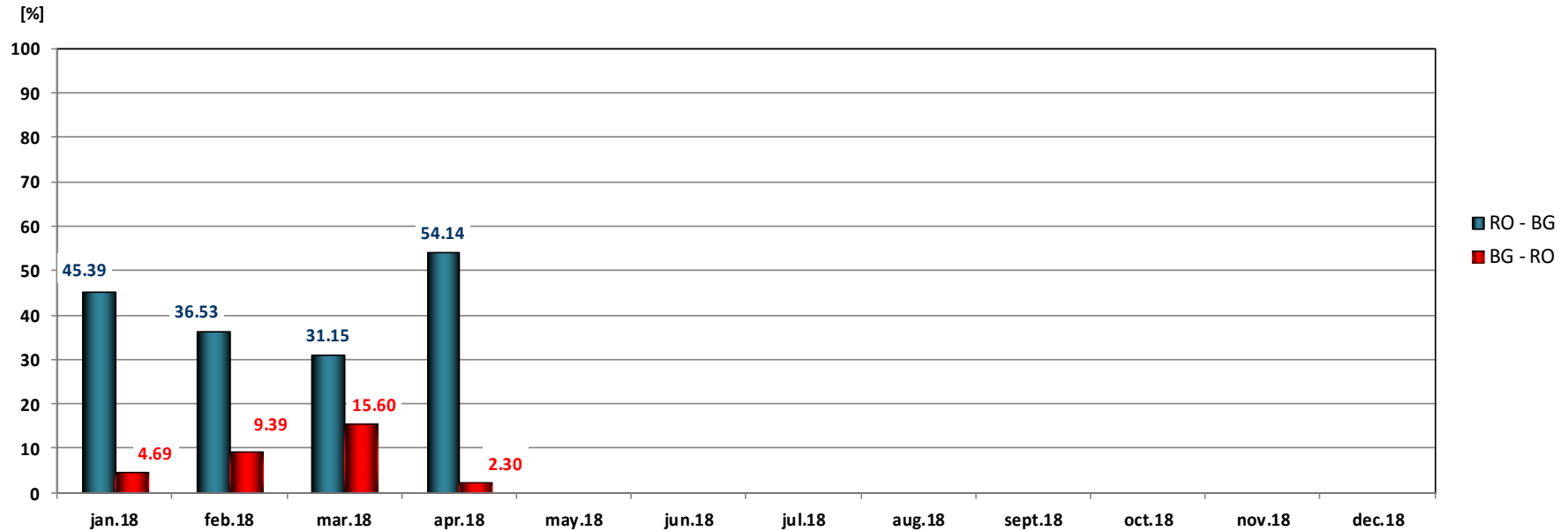
April 2018	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Import	-	-	12.61	9.74	32.14	2.73	0.00	-	0.00	9.68	0.00	0.00	0.00	0.00	0.00	0.00	20.92	0.00	0.00	0.00	-	-	25.93	12.26	24.90	0.00	0.00	0.00	0.00	
Export	-	-	0.00	0.00	0.00	0.00	0.00	-	-	0.00	0.00	3.20	0.00	0.00	-	-	17.58	22.75	-	0.00	-	-	0.00	0.00	0.00	8.19	15.58	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 8.00 [%]
- Export 3.78 [%]

Usage Level of Allocated Capacity

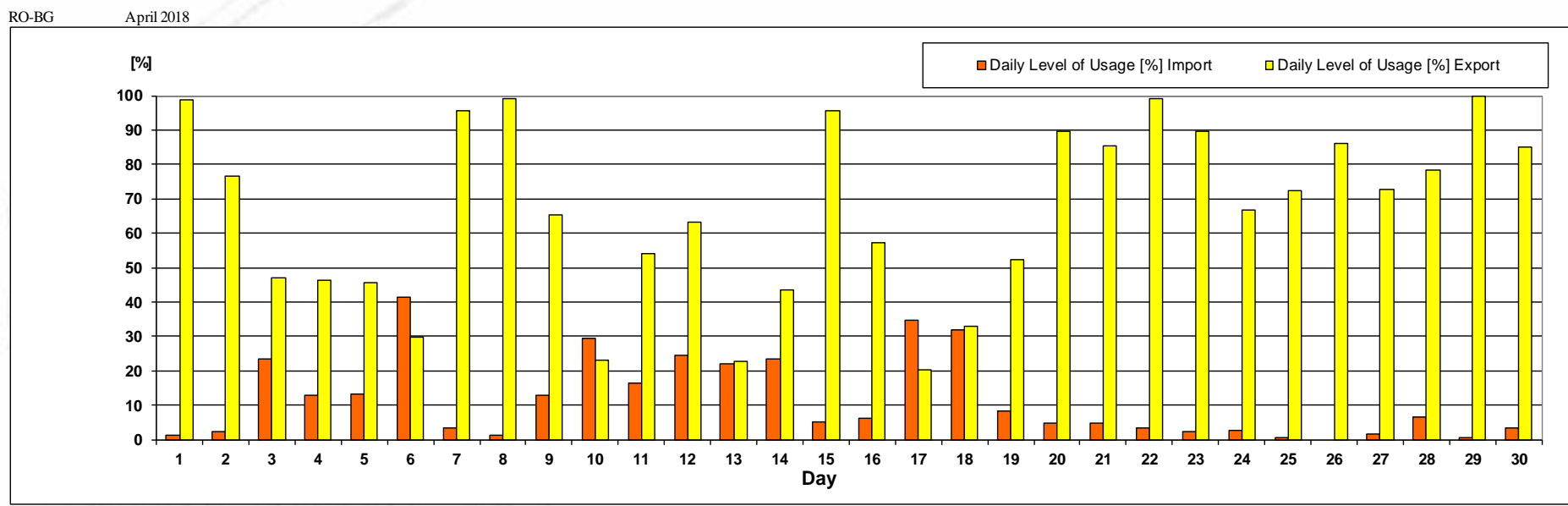
Usage Level of Yearly and Monthly Allocated Capacity on Romanian - Bulgarian border



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: 41.8 % on export direction and 7.99 % on import direction.

Usage Level of Daily Allocated Capacity



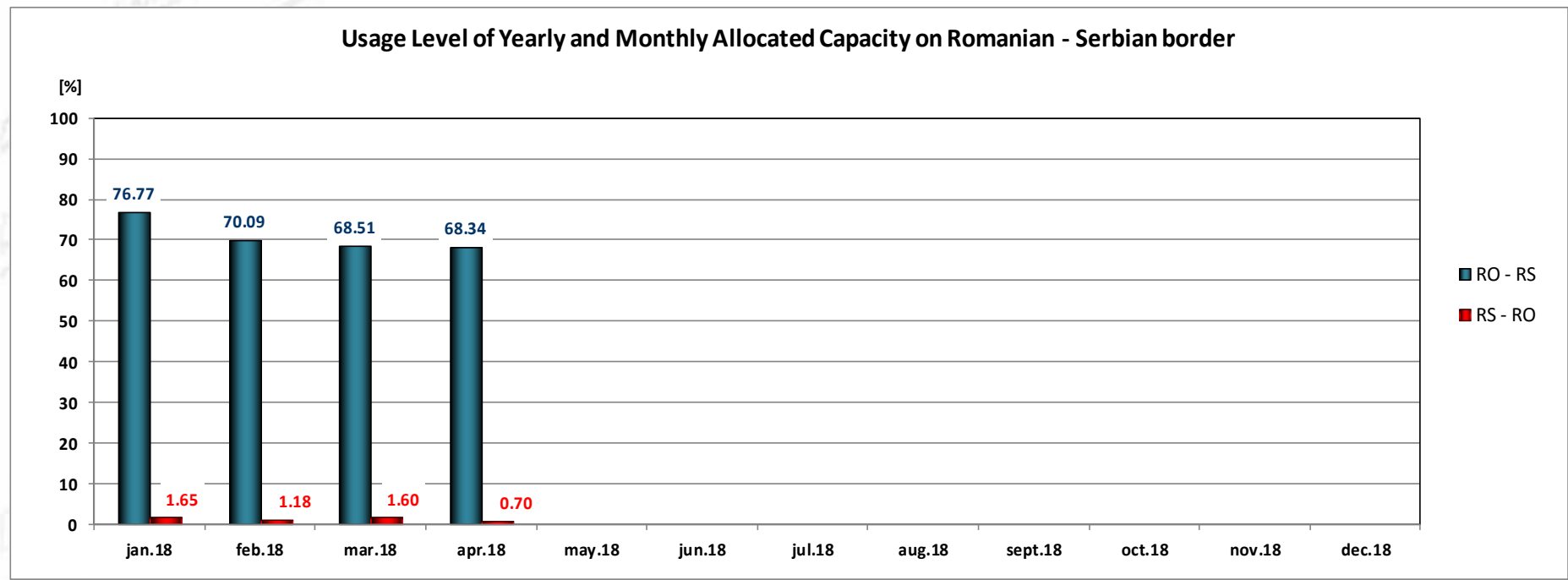
Daily Level of Usage [%]

April 2018	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
Import	1.19	2.40	23.45	12.71	13.37	41.45	3.30	1.27	12.78	29.49	16.50	24.37	22.08	23.38	4.93	6.27	34.81	31.94	8.39	4.75	4.83	3.23	2.12	2.51	0.58	0.00	1.61	6.48	0.42	3.45
Export	98.66	76.53	47.17	46.29	45.51	29.79	95.51	99.03	65.14	23.10	54.11	63.37	22.89	43.34	95.68	57.35	20.17	33.07	52.32	89.46	85.24	99.17	89.71	66.70	72.39	86.26	72.62	78.35	100.00	85.03

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 11.06 [%]
- Export 56.85 [%]

Usage Level of Allocated Capacity

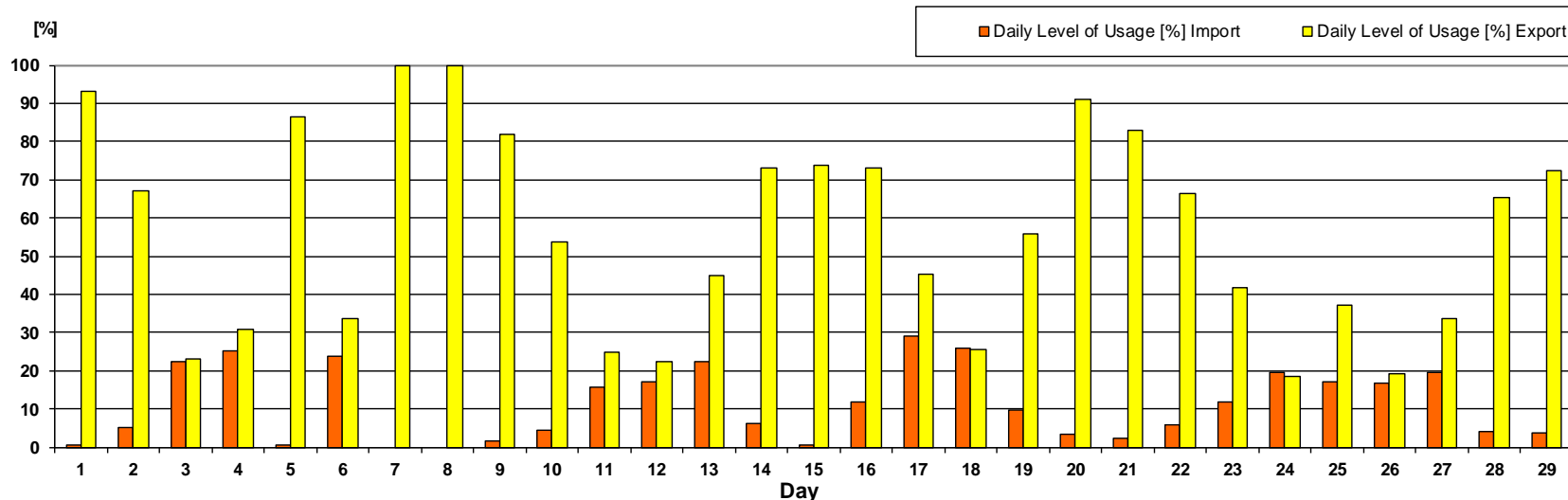


CET
Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 70.93 % on export direction and 1.28 % on import direction.

Usage Level of Daily Allocated Capacity

Serbia

April 2018



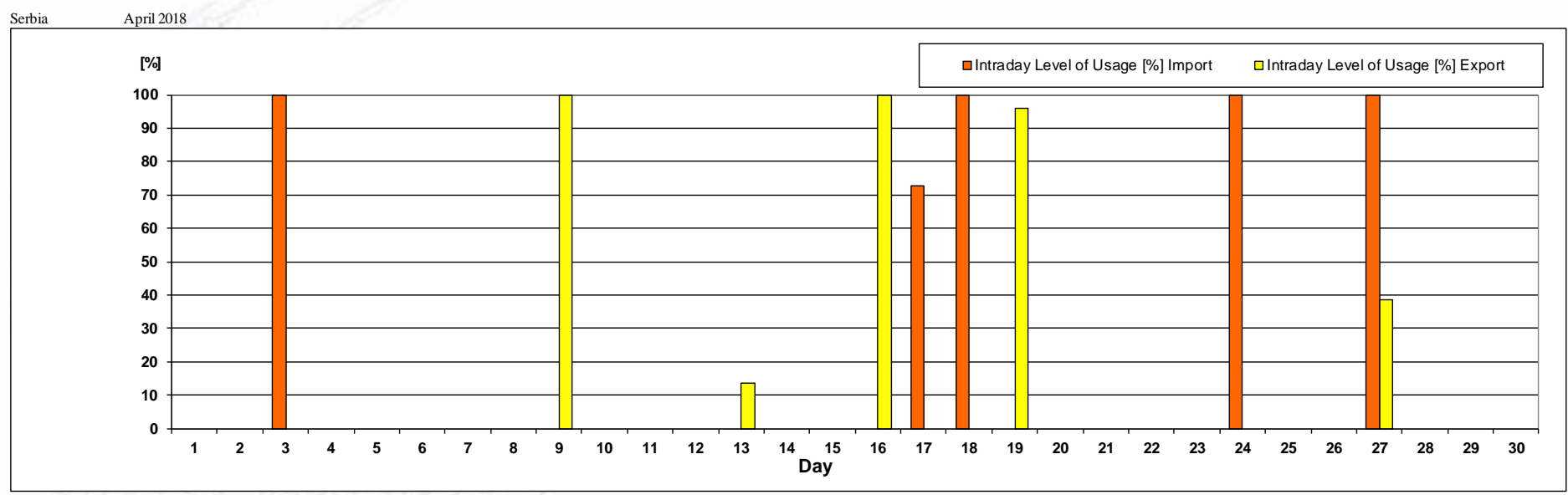
Daily Level of Usage [%]

April 2018	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
Import	0.64	5.16	22.25	25.04	0.55	23.64	0.00	0.00	1.70	4.45	15.66	17.04	22.27	6.07	0.43	11.71	29.10	25.79	9.74	3.35	2.35	5.75	11.63	19.57	17.07	16.69	19.57	3.92	3.63	0.97
Export	93.20	66.99	23.05	30.93	86.27	33.73	100.00	100.00	81.94	53.63	24.89	22.46	44.87	72.98	73.67	73.22	45.11	25.62	55.98	91.10	82.93	66.33	41.71	18.35	37.29	19.25	33.68	65.45	72.19	84.75

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 10.78 [%]
- Export 51.45 [%]

Usage Level of Intraday Allocated Capacity



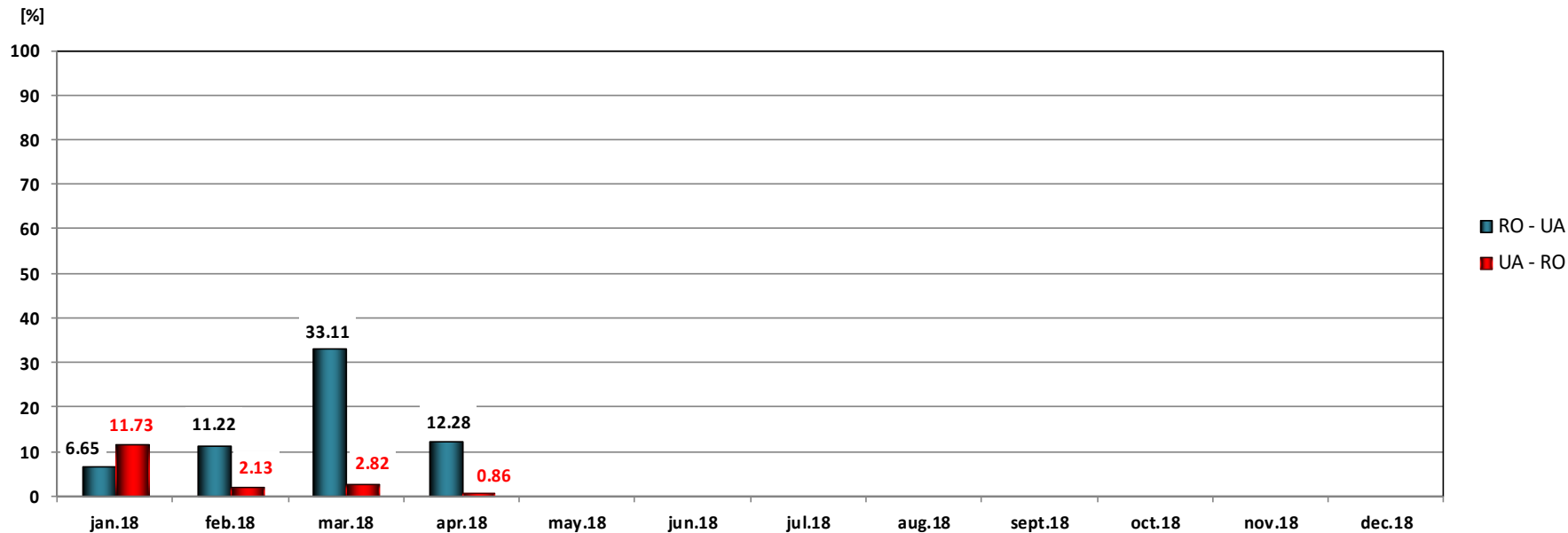
Intraday Level of Usage [%]		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
April 2018		-	-	100.00	-	0.00	-	-	-	-	-	0.00	-	-	-	-	-	72.73	100.00	0.00	-	-	-	-	100.00	0.00	-	100.00	-	-	-
Import		-	-	100.00	-	0.00	-	-	-	-	-	0.00	-	-	-	-	-	72.73	100.00	0.00	-	-	-	-	100.00	0.00	-	100.00	-	-	-
Export		-	-	-	-	-	-	-	-	100.00	0.00	0.00	-	13.53	-	-	-	-	-	95.92	-	-	-	-	-	0.00	-	38.69	-	-	-

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 37.33 [%]
- Export 28.13 [%]

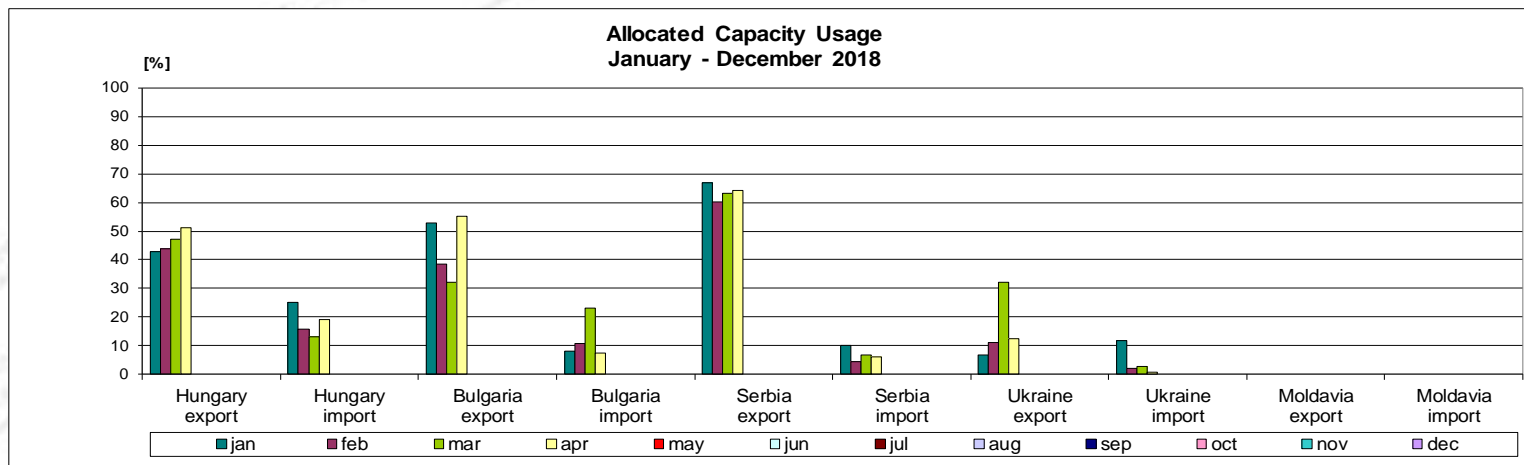
Usage Level of Allocated Capacity

Usage Level of Yearly and Monthly Allocated Capacity on Romanian - Ukrainian 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: 15.82 % on export direction and 4.39 % on import direction.



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.

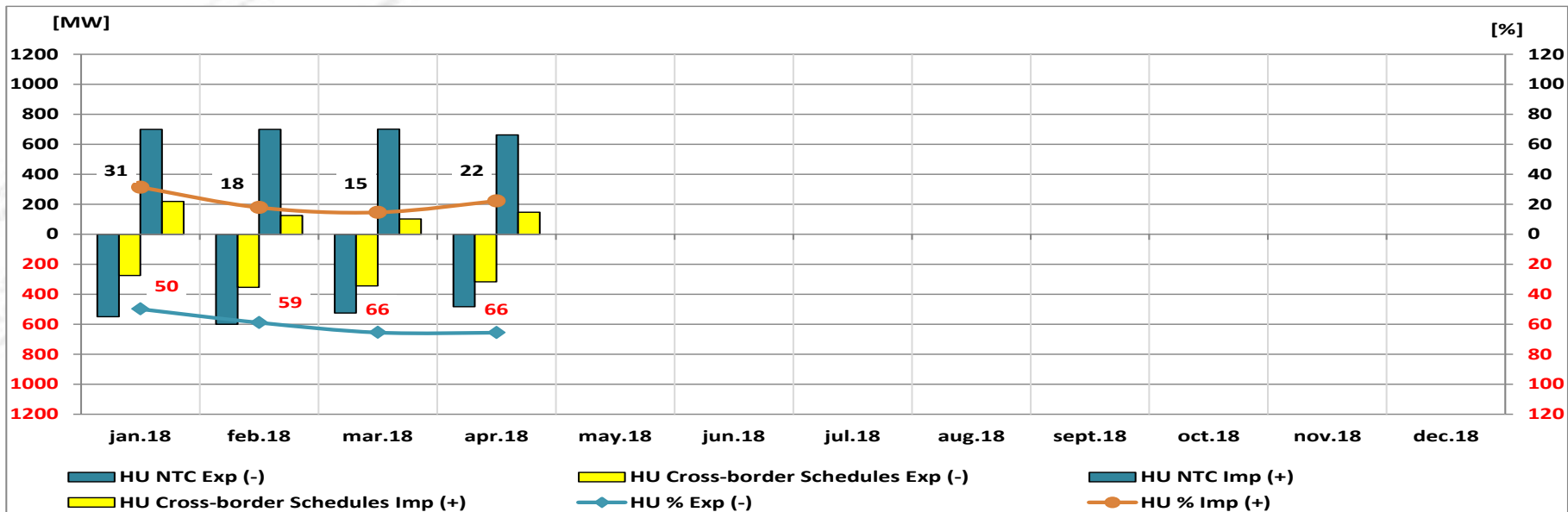
[%]	Hungary export	Hungary import	Bulgaria export	Bulgaria import	Serbia export	Serbia import	Ukraine export	Ukraine import	Moldavia export	Moldavia import
jan	42.85	25.06	52.91	8.06	66.82	10.22	6.65	11.73	-	-
feb	43.95	15.88	38.61	10.71	60.33	4.39	11.22	2.13	-	-
mar	47.22	13.18	32.02	23.10	63.24	6.71	32.07	2.73	-	-
apr	51.30	19.24	55.18	7.41	64.04	6.21	12.28	0.86	-	-
may										
jun										
jul										
aug										
sep										
oct										
nov										
dec										
average	46.33	18.34	44.68	12.32	63.61	6.88	15.56	4.36	-	-

Variant B

In April 2018, the highest level of usage on export direction was obtained on Serbian border and the highest level of usage on import direction was obtained on Hungary border. In general, on import direction has been noticed low values of level usage, the average for the first four months of the year being under 20%, on each border. Also, on export direction level of usage is rather low, the average for the first four months of the year being under 65%, on each border.

Usage Level of NTC on Romanian – Hungarian border

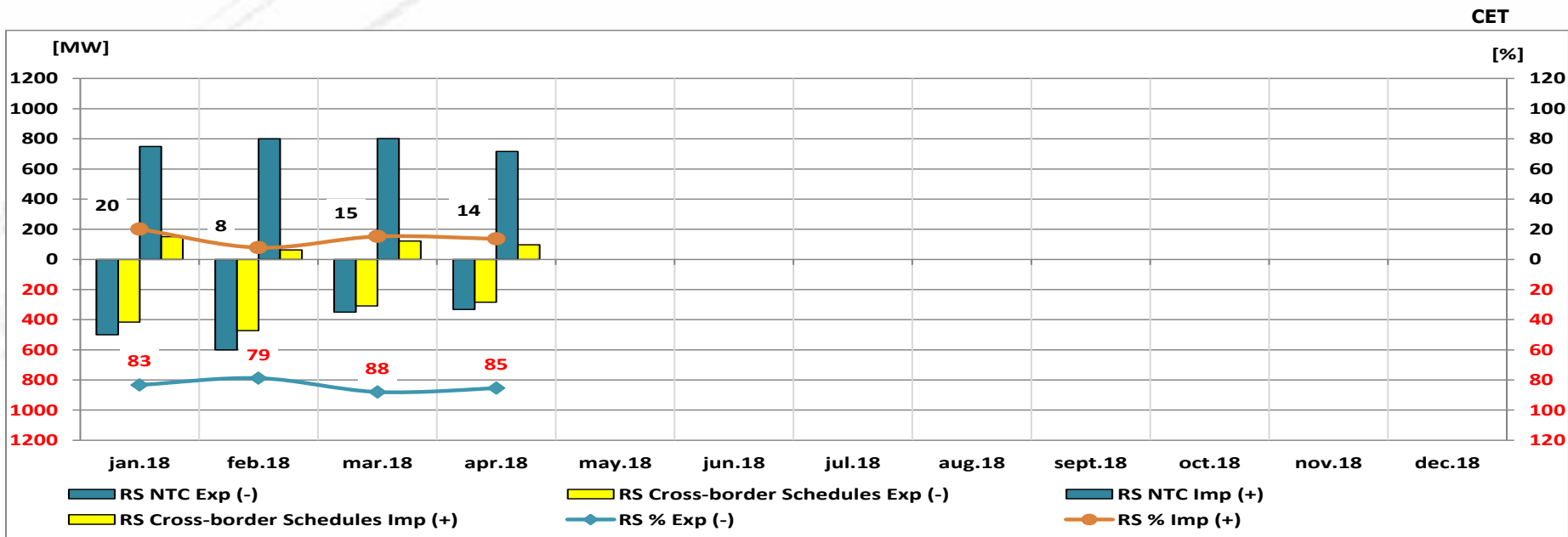
CET



Hungary (monthly averages values, MW)	jan.18	feb.18	mar.18	apr.18	may.18	jun.18	jul.18	aug.18	sept.18	oct.18	nov.18	dec.18
HU NTC Exp (-)	-550	-600	-525	-483								
HU Cross-border Schedules Exp (-)	-274	-354	-344	-317								
HU NTC Imp (+)	700	700	701	663								
HU Cross-border Schedules Imp (+)	219	125	102	148								

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: 59.99 % on export direction and 21.51 % on import direction.

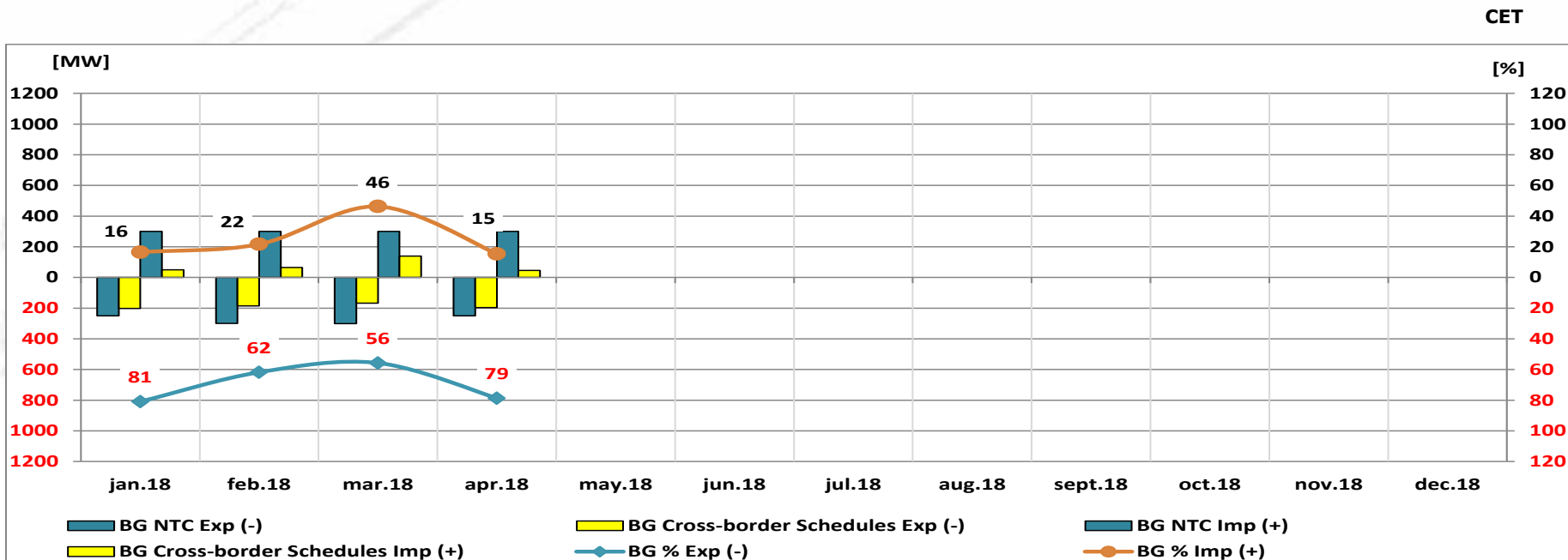
Usage Level of NTC on Romanian – Serbian border



Serbia (monthly averages values, MW)	jan.18	feb.18	mar.18	apr.18	may.18	jun.18	jul.18	aug.18	sept.18	oct.18	nov.18	dec.18
RS NTC Exp (-)	-500	-600	-350	-332								
RS Cross-border Schedules Exp (-)	-416	-473	-308	-283								
RS NTC Imp (+)	750	800	801	717								
RS Cross-border Schedules Imp (+)	151	63	122	97								

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: 83.87 % on export direction and 14.19 % on import direction.

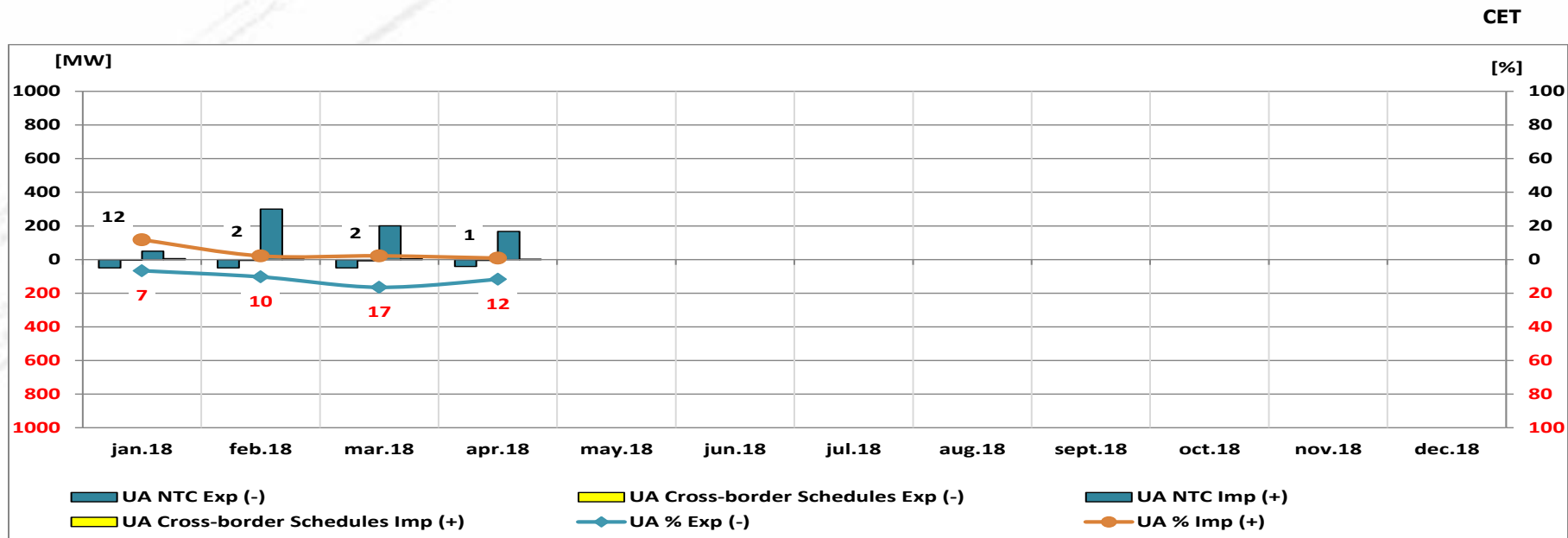
Usage Level of NTC on Romanian – Bulgarian border



Bulgaria (monthly averages values, MW)	jan.18	feb.18	mar.18	apr.18	may.18	jun.18	jul.18	aug.18	sept.18	oct.18	nov.18	dec.18
BG NTC Exp (-)	-250	-300	-300	-250								
BG Cross-border Schedules Exp (-)	-202	-185	-167	-197								
BG NTC Imp (+)	300	300	300	300								
BG Cross-border Schedules Imp (+)	49	65	139	46								

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: 69.29 % on export direction and 24.97 % on import direction.

Usage Level of NTC on Romanian – Ukrainian border



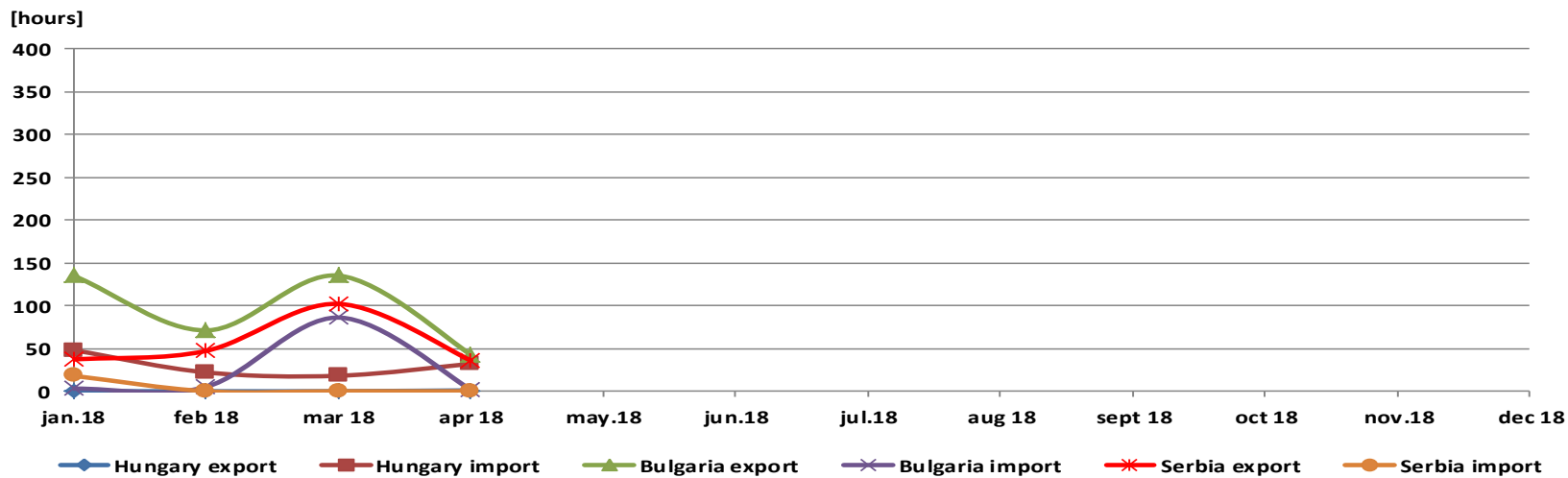
Ukraine (monthly averages values, MW)	jan.18	feb.18	mar.18	apr.18	may.18	jun.18	jul.18	aug.18	sept.18	oct.18	nov.18	dec.18
UA NTC Exp (-)	-50	-50	-50	-42								
UA Cross-border Schedules Exp (-)	-3	-5	-8	-5								
UA NTC Imp (+)	50	300	200	167								
UA Cross-border Schedules Imp (+)	6	6	4	1								

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: 11.32 % on export direction and 4.22 % on import direction.

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.18	feb 18	mar 18	apr 18	may.18	jun.18	jul.18	aug 18	sept 18	oct 18	nov.18	dec 18
Hungary export	0	0	0	1								
Hungary import	48	22	18	32								
Bulgaria export	135	71	135	43								
Bulgaria import	3	5	86	2								
Serbia export	37	47	102	36								
Serbia import	18	0	0	0								

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.

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

April 2018

Border	Auction												Total		
	Yearly			Monthly			Daily			Intraday			C1 [%]	C3 [%]	HHI
	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI			
<i>Hungary import</i>	31.14	65.71	1919	24.67	66.45	1881	-	-	-	58.53	88.35	3989	20.16	51.35	1300
<i>Hungary export</i>	30.00	73.14	1983	25.05	61.42	1623	-	-	-	68.21	97.47	5092	22.46	61.58	1423
<i>Bulgaria import</i>	21.00	51.00	1332	31.25	71.88	2180	42.36	73.41	2479	-	-	-	34.34	66.87	1924
<i>Bulgaria export</i>	32.00	63.00	1834	41.67	88.33	3349	48.77	80.62	3030	-	-	-	37.19	75.47	2420
<i>Serbia import</i>	59.33	82.67	3881	36.79	76.63	2318	30.56	75.04	2220	58.17	100.00	4340	20.52	51.72	1328
<i>Serbia export</i>	36.50	76.00	2323	41.80	77.54	2516	45.72	78.24	2820	67.15	100.00	5588	29.14	60.96	1607
<i>Ukraine import</i>	-	-	-	55.28	89.08	3777	-	-	-	-	-	-	55.28	89.08	3777
<i>Ukraine export</i>	-	-	-	56.25	100.00	5078	-	-	-	-	-	-	56.25	100.00	5078
<i>Moldavia import</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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