



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Market for Allocation of Cross-Border Capacities

June 2020



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

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 base, 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**

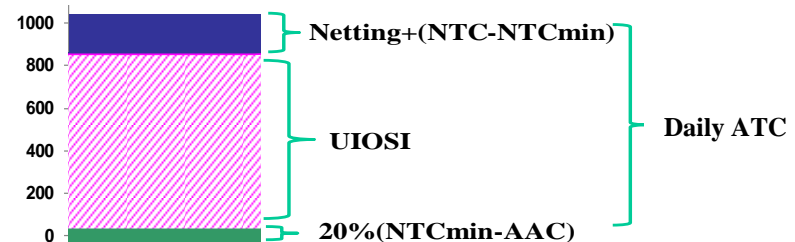
General Remarks



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- According to the agreements between Transelectrica and neighbors for year 2020 :
 - ✓ on the Bulgarian border, the bilateral coordinated allocation is done for 100% of total capacity by Transelectrica for daily auctions. Starting with 20.11.2019, implicit intraday allocation with continuous trading is organized on the Bulgarian border, due to the integration of Romanian intraday market in SIDC (Single Intra-Day Market). In the event of decoupling, no explicit intraday auctions are organized on RO – BG border; the “netting” is applied to daily and intraday allocation.
 - ✓ on the Hungarian border, starting with 20.11.2019 is organized implicit intraday allocation with continuous trading, due to the integration of Romanian intraday market in SIDC (Single Intra-Day Market). In the event of decoupling, no explicit intraday auctions are organized on RO – HU border. 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 intraday 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 and intraday auctions. The “netting” is applied to daily and intraday allocation. The intraday 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.
 - ✓ *UIOSI* („use it or sell it”) principle is applied on Hungarian, Bulgarian and Serbian borders.
 - ✓ the long term auctions on Hungarian and Bulgarian borders are held by Joint Allocation Office (JAO) based on Allocation Rules for Forward Capacity Allocation (HAR) and border specific Annex. On these borders it 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;



- Transelectrica’s auctions are held on Damas platform, with euro currency trading;
- On Romania – Bulgaria, Romania – Serbia and 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 and Bulgarian borders are provide by JAO and daily auction results on the Serbian border (auction prices, allocated capacities) are provided by the respective TSO.
- 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.
- Monthly auctions for June 2020 were held as:
 - ✓ import/export Hungary*: 01.06 – 30.06.2020;
 - ✓ import/export Bulgaria*: 01.06 – 30.06.2020;
 - ✓ import Serbia: 01 – 07.06.2020; 08 – 19.06.2020; 20 – 21.06.2020; 22 – 30.06.2020;
 - ✓ export Serbia: 01 – 07.06.2020; 08 – 19.06.2020; 20 – 30.06.2020;
 - ✓ import Ukraine: 01 – 14.06.2020; 15 – 19.06.2020; 20 – 30.06.2020;
 - ✓ export Ukraine: 01 – 30.06.2020.
- In June 2020 there were no auctions held on Moldavian border.

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



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Market for Allocation of Cross-Border Capacities

Monthly auction Results of 01 – 30 June 2020

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Alocated	Final Rights*
Hungary export										
<i>01 - 07 June 2020</i>	0.53	650	550	201	349	0	120	1427	120	469
<i>08 - 19 June 2020</i>	0.53	800	700	351	349	0	120	1427	120	469
<i>20 - 30 June 2020</i>	0.53	600	500	151	349	0	120	1427	120	469
Hungary import										
<i>01 - 05 June 2020</i>	1.77	600	500	150	350	65	185	2108	185	470
<i>06 - 07 June 2020</i>	1.77	650	550	200	350	65	185	2108	185	470
<i>08 - 19 June 2020</i>	1.77	800	700	350	350	65	185	2108	185	470
<i>20 - 30 June 2020</i>	1.77	700	600	250	350	65	185	2108	185	470
Bulgaria export										
<i>01 - 07 June 2020</i>	0.25	1000	900	651	249	0	280	2172	279	528
<i>08 - 19 June 2020</i>	0.25	700	600	351	249	0	280	2172	279	528
<i>20 - 30 June 2020</i>	0.25	1000	900	651	249	0	280	2172	279	528
Bulgaria import										
<i>01 - 07 June 2020</i>	0.51	1000	900	650	250	0	280	2485	280	530
<i>08 - 19 June 2020</i>	0.51	700	600	350	250	0	280	2485	280	530
<i>20 - 30 June 2020</i>	0.51	1000	900	650	250	0	280	2485	280	530

Notes:

ATC values on Hungarian and Bulgarian borders are calculated before the reservation of capacity. Offered capacity includes reservation and returned capacity.

Requested = requested capacity that remains after automatic rejection of the offers with credit limit exceeded

Final rights = monthly allocated capacity + yearly allocated capacity after returns and withdrawals.



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Market for Allocation of Cross-Border Capacities

Monthly auction Results of 01 – 30 June 2020

	Prices [euro/MWh]	Capacities [MW]								
	<i>Results</i>	<i>TTC</i>	<i>NTC</i>	<i>ATC</i>	<i>AAC</i>	<i>Reserved</i>	<i>Offered</i>	<i>Requested</i>	<i>Alocated</i>	<i>Final Rights*</i>
Serbia export										
<i>01 - 07 June 2020</i>	0.13	600	500	250	250	-	250	704	250	500
<i>08 - 19 June 2020</i>	0.11	700	600	350	250	-	350	799	350	600
<i>20 - 30 June 2020</i>	0.13	600	500	250	250	-	250	749	250	500
Serbia import										
<i>01 - 07 June 2020</i>	0.87	600	500	250	250	-	250	815	250	500
<i>08 - 19 June 2020</i>	0.76	700	600	350	250	-	350	905	350	600
<i>20 - 21 June 2020</i>	1.17	600	500	250	250	-	250	890	250	500
<i>22 - 30 June 2020</i>	2.30	500	400	150	250	-	150	794	150	400
Ukraine export										
<i>01 - 30 June 2020</i>	0.69	200	100	100	-	-	100	166	100	100
Ukraine import										
<i>01 - 14 June 2020</i>	0.03	200	100	100	-	-	100	150	100	100
<i>15 - 19 June 2020</i>	0.03	250	150	150	-	-	150	195	150	150
<i>20 - 30 June 2020</i>	0.03	200	100	100	-	-	100	150	100	100
Moldavia export										
<i>01 - 30 June 2020</i>	-	-	-	-	-	-	-	-	-	-
Moldavia import										
<i>01 - 30 June 2020</i>	-	-	-	-	-	-	-	-	-	-
<i>RO_Vulcanesti</i>	-	-	-	-	-	-	-	-	-	-
<i>01 - 30 June 2020</i>	-	-	-	-	-	-	-	-	-	-
<i>RO_Costesti</i>	-	-	-	-	-	-	-	-	-	-
<i>01 - 30 June 2020</i>	-	-	-	-	-	-	-	-	-	-
<i>RO_Cioara</i>	-	-	-	-	-	-	-	-	-	-

Notes:

Requested = requested capacity that remains after automatic rejection of the offers with credit limit exceeded

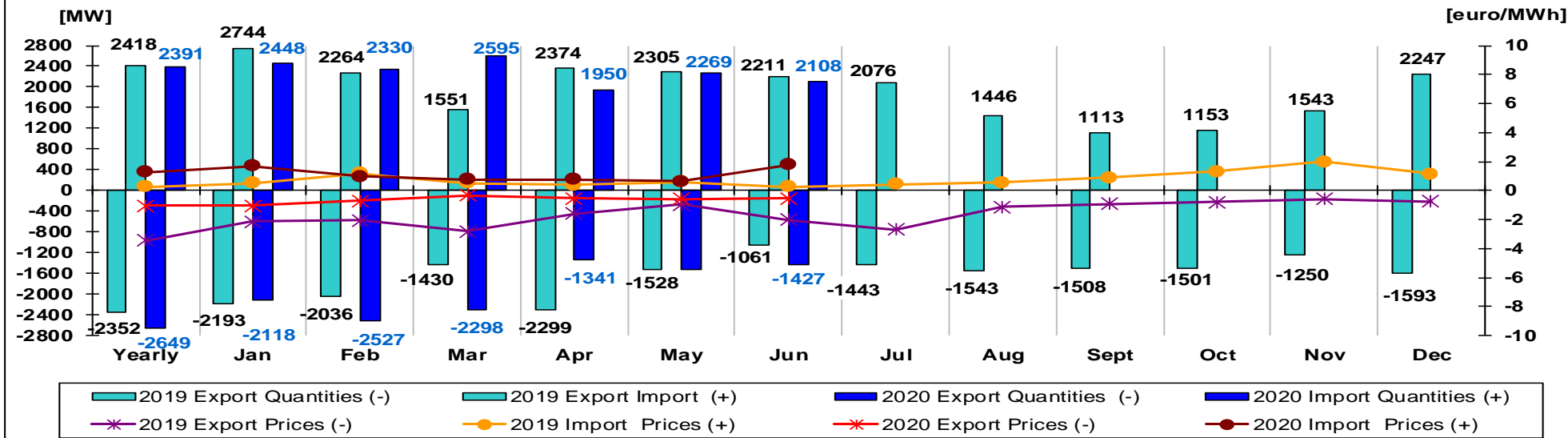
Final rights = monthly allocated capacity + yearly allocated capacity after returns and withdrawals.

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 Hungarian border



Border	Yearly	Jan. 20	Feb.20	Mar.20	Apr.20	May 20	Jun. 20	Jul. 20	Aug. 20	Sept. 20	Oct. 20	Nov.20	Dec. 20
Hungary export	1.03	1.05	0.72	0.33	0.54	0.58	0.53	-	-	-	-	-	-
Hungary import	1.28	1.67	0.96	0.78	0.77	0.64	1.77	-	-	-	-	-	-

Border	Yearly	Jan. 19	Feb.19	Mar.19	Apr.19	May 19	Jun. 19	Jul. 19	Aug. 19	Sept. 19	Oct. 19	Nov.19	Dec. 19
Hungary export	3.46	2.14	2.07	2.81	1.61	0.96	2.02	2.71	1.13	0.94	0.81	0.57	0.75
Hungary import	0.24	0.51	1.19	0.49	0.37	0.59	0.27	0.42	0.56	0.87	1.31	2.00	1.13

- Compared with previous year, in June 2020 the auction price significantly decreased on export direction, while offered capacity and requested capacity were higher. On import direction, monthly auction price increased compared with similar period of previous year, while offered capacity and requested capacity were lower.

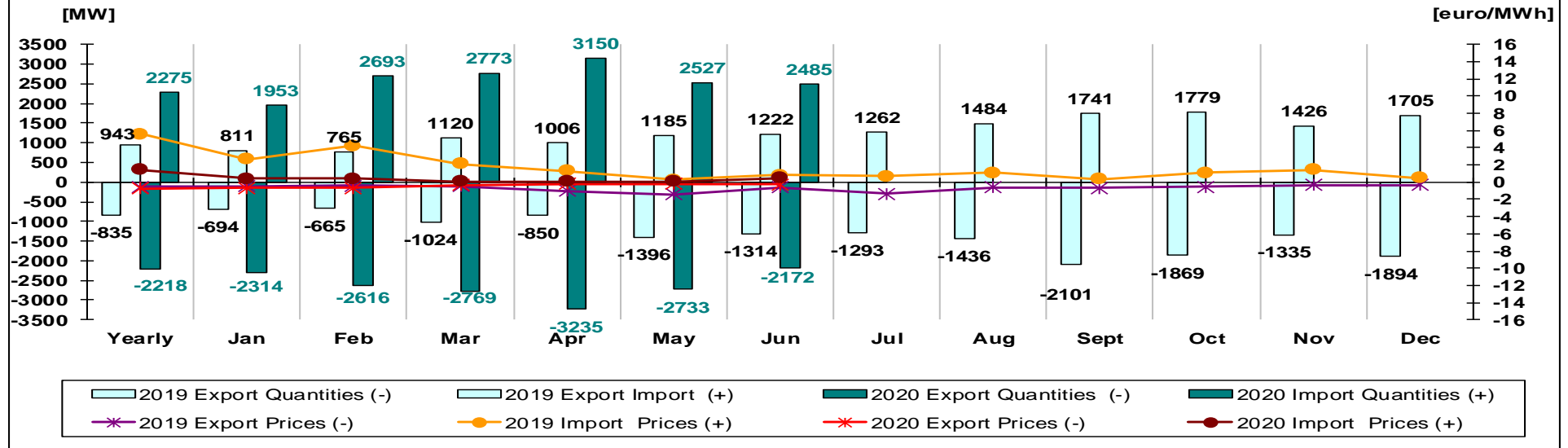


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Market for Allocation of Cross-Border Capacities

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



Border	Yearly	Jan. 20	Feb.20	Mar.20	Apr.20	May 20	Jun. 20	Jul. 20	Aug. 20	Sept. 20	Oct. 20	Nov.20	Dec. 20
Bulgaria export	0.77	0.71	0.68	0.35	0.18	0.19	0.25	-	-	-	-	-	-
Bulgaria import	1.43	0.41	0.40	0.09	0.07	0.09	0.51	-	-	-	-	-	-

Border	Yearly	Jan. 19	Feb.19	Mar.19	Apr.19	May 19	Jun. 19	Jul. 19	Aug. 19	Sept. 19	Oct. 19	Nov.19	Dec. 19
Bulgaria export	0.51	0.47	0.44	0.46	1.03	1.45	0.58	1.36	0.61	0.71	0.51	0.37	0.35
Bulgaria import	5.60	2.67	4.24	2.09	1.27	0.27	0.82	0.68	1.11	0.31	1.11	1.42	0.51

- Compared with previous year, in June 2020 the auction price decreased on export direction, while offered capacity and requested capacity were higher. On import direction, monthly auction price decreased compared with similar period of previous year, while offered capacity and requested capacity were higher.

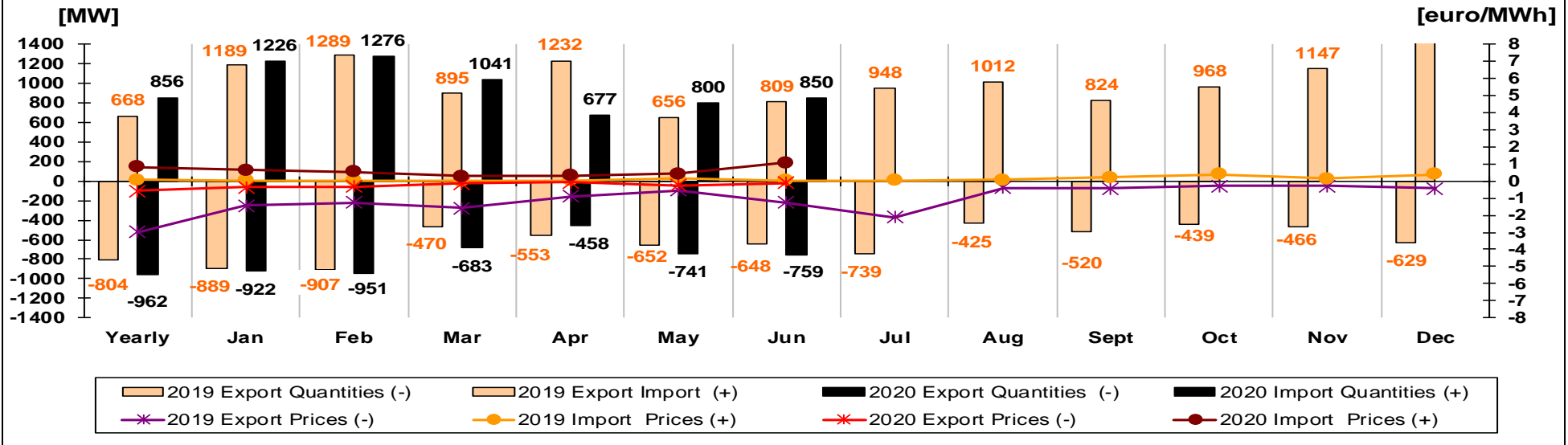


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Market for Allocation of Cross-Border Capacities

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



Border	Yearly	Jan. 20	Feb.20	Mar.20	Apr.20	May 20	Jun. 20	Jul. 20	Aug. 20	Sept. 20	Oct. 20	Nov.20	Dec. 20
Serbia export	0.56	0.36	0.32	0.13	0.07	0.24	0.12	-	-	-	-	-	-
Serbia import	0.82	0.66	0.52	0.29	0.32	0.43	1.08	-	-	-	-	-	-

Border	Yearly	Jan. 19	Feb.19	Mar.19	Apr.19	May 19	Jun. 19	Jul. 19	Aug. 19	Sept. 19	Oct. 19	Nov.19	Dec. 19
Serbia export	2.97	1.42	1.27	1.58	0.88	0.55	1.24	2.13	0.38	0.45	0.28	0.29	0.43
Serbia import	0.07	0.03	0.03	0.01	0.03	0.16	0.04	0.03	0.06	0.21	0.39	0.13	0.41

- Compared with previous year, in June 2020 the auction price decreased on export direction, while offered capacity and requested capacity were higher. In June 2020, monthly auction price increased on import direction, while offered capacity was lower and requested capacity was higher.

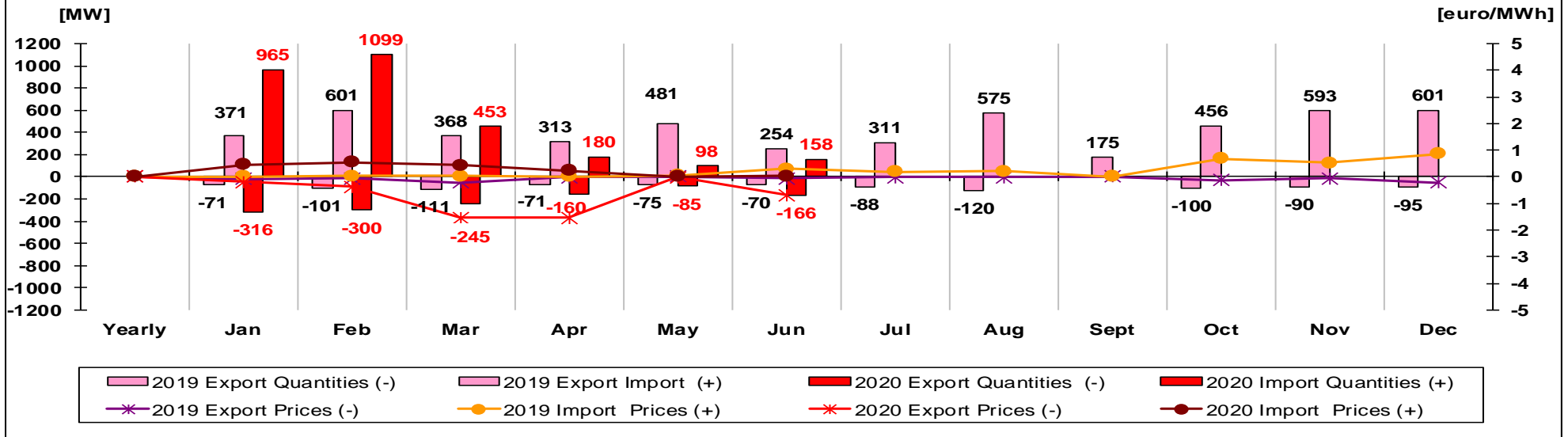
Market for Allocation of Cross-Border Capacities



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



Border	Yearly	Jan. 20	Feb.20	Mar.20	Apr.20	May 20	Jun. 20	Jul. 20	Aug. 20	Sept. 20	Oct. 20	Nov.20	Dec. 20
Ukraine export	-	0.20	0.37	1.55	1.55	0.02	0.69	-	-	-	-	-	-
Ukraine import	-	0.45	0.55	0.44	0.23	0.02	0.03	-	-	-	-	-	-

Border	Yearly	Jan. 19	Feb.19	Mar.19	Apr.19	May 19	Jun. 19	Jul. 19	Aug. 19	Sept. 19	Oct. 19	Nov.19	Dec. 19
Ukraine export	-	0.08	0.07	0.22	0.01	0.00	0.07	0.02	0.01	-	0.13	0.07	0.21
Ukraine import	-	0.00	0.04	0.02	0.00	0.06	0.29	0.18	0.21	0.01	0.68	0.527	0.85

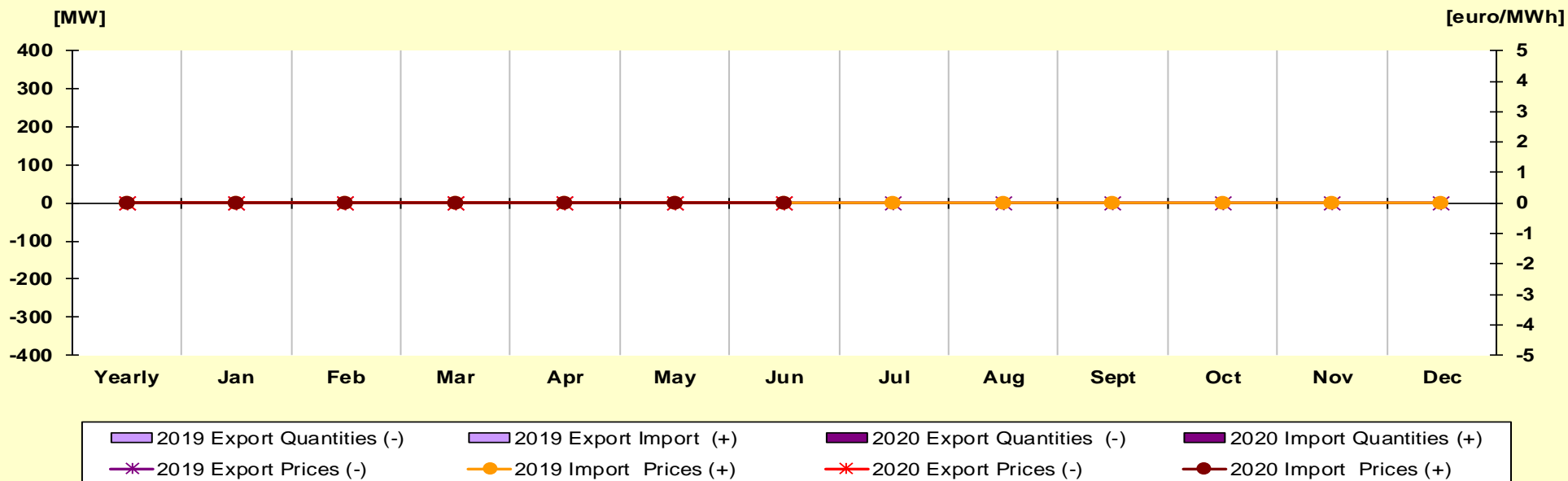
- Compared with previous year, in June 2020 the auction price decreased on import direction, while offered capacity and requested capacity were lower. On export direction, the auction price increased, while offered capacity and requested capacity were higher.

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 Moldavian border



Border	Yearly	Jan. 20	Feb.20	Mar.20	Apr.20	May 20	Jun. 20	Jul. 20	Aug. 20	Sept. 20	Oct. 20	Nov.20	Dec. 20
Moldavia export	-	-	-	-	-	-	-						
Moldavia import	-	-	-	-	-	-	-						

Border	Yearly	Jan. 19	Feb.19	Mar.19	Apr.19	May 19	Jun. 19	Jul. 19	Aug. 19	Sept. 19	Oct. 19	Nov.19	Dec. 19
Moldavia export	-	-	-	-	-	-	-	-	-	-	-	-	-
Moldavia import	-	-	-	-	-	-	-	-	-	-	-	-	-

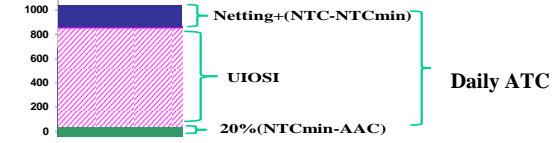


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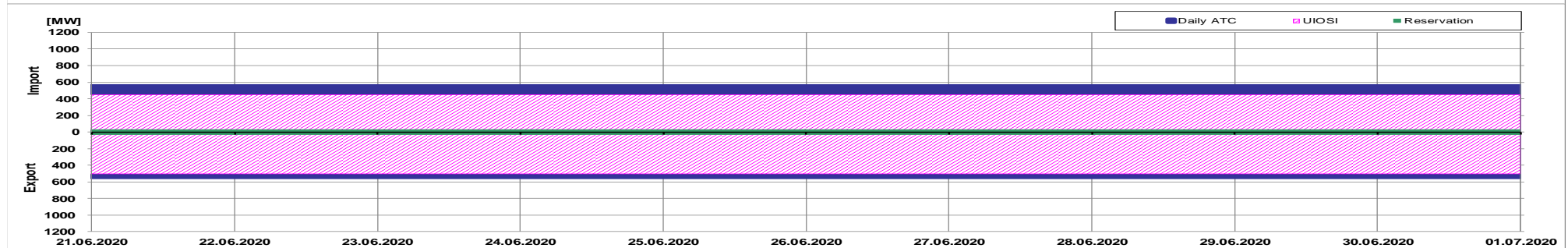
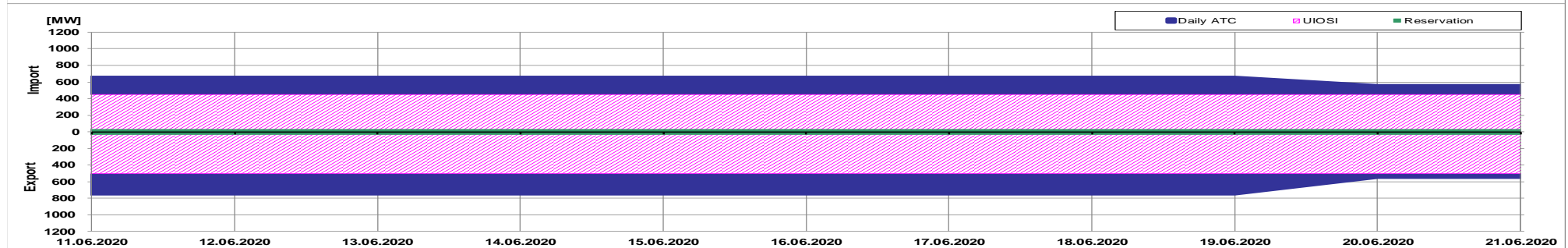
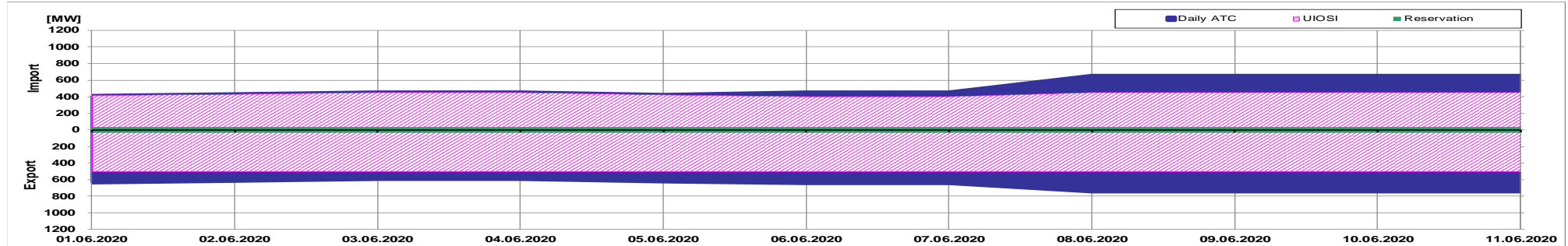
Market for Allocation of Cross-Border Capacities

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
31	30	469	419



Hungary June 2020



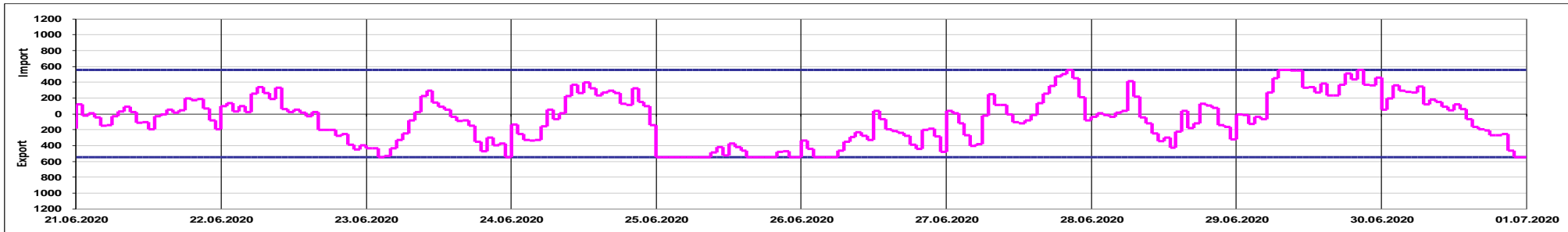
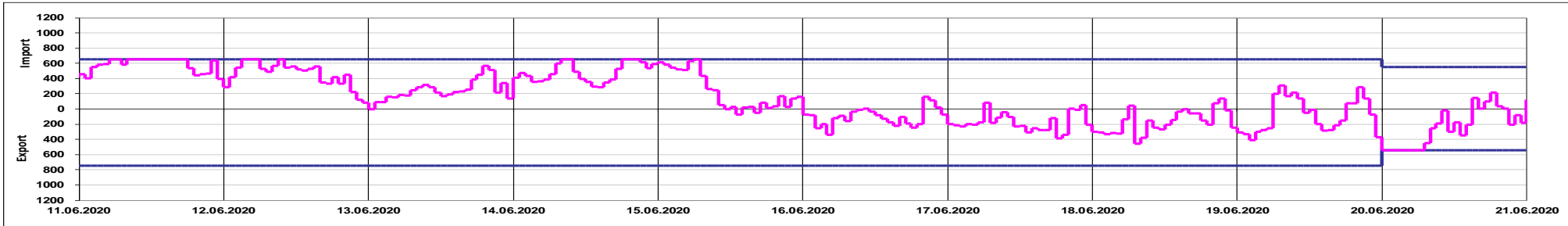
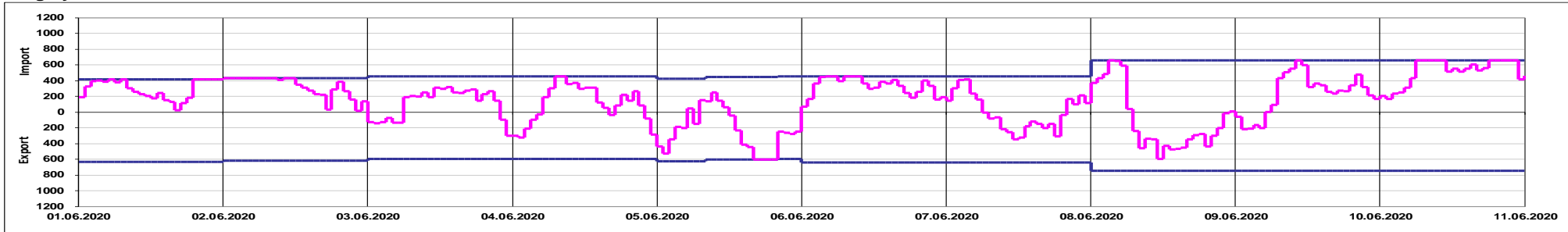


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Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

Hungary June 2020



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	15.37	10.63	9.81	9.29	9.91	12.99	18.09	28.70	26.04	25.59	24.67	22.07	21.03	19.63	18.21	17.97	18.85	22.04	30.01	37.17	46.92	41.88	39.24	31.95	46.92
2	37.17	22.51	20.87	23.52	34.51	42.13	49.35	55.34	49.56	49.00	45.51	44.46	45.02	45.64	42.96	42.67	44.19	46.26	44.55	45.02	51.21	49.35	50.39	43.74	55.34
3	45.22	35.31	27.01	25.03	24.49	29.53	38.09	46.45	46.98	41.99	42.01	40.97	40.15	36.18	36.08	36.10	40.12	40.19	41.09	44.51	47.29	41.09	36.11	30.21	47.29
4	22.59	21.10	19.28	18.86	19.17	20.45	29.01	40.00	41.10	32.65	30.01	28.79	26.52	25.22	24.13	23.48	23.35	24.82	27.81	29.10	30.01	25.30	22.29	18.98	41.10
5	19.01	17.51	16.64	16.50	16.94	19.08	26.02	35.20	39.20	33.78	30.10	27.84	26.11	24.17	21.49	20.46	20.66	21.49	22.98	25.78	26.10	24.12	21.61	18.40	39.20
6	15.00	10.59	7.23	6.20	4.80	6.20	13.70	16.95	20.35	20.46	19.51	17.74	12.40	8.27	7.09	6.95	18.53	20.46	22.33	30.05	37.99	37.93	26.66	21.49	37.99
7	27.29	21.49	18.39	15.16	12.15	9.11	16.62	16.53	17.04	15.83	14.50	13.07	10.75	8.20	6.24	9.05	14.96	19.66	22.62	28.50	35.07	36.50	32.50	28.50	36.50
8	31.91	24.21	22.57	21.49	21.21	25.91	38.80	51.02	50.42	43.00	40.52	37.96	35.00	32.00	31.74	32.00	32.00	34.91	44.21	50.42	52.00	44.56	37.44	28.00	52.00
9	29.90	26.12	24.51	24.15	24.39	25.89	34.86	44.93	48.06	43.74	47.32	45.78	51.87	46.92	41.12	39.71	40.49	41.33	42.68	42.08	37.53	35.99	34.02	30.12	51.87
10	27.25	25.20	23.48	23.16	23.12	25.09	40.99	47.32	54.97	47.32	47.32	43.96	41.09	36.27	33.63	33.10	34.00	37.09	41.13	43.05	49.39	41.56	33.98	26.29	54.97
11	26.66	23.62	21.34	20.06	20.15	21.50	30.53	32.50	37.00	39.57	36.11	35.00	42.66	42.00	35.00	34.47	41.00	39.48	33.09	40.55	47.50	43.20	30.37	25.97	47.50
12	24.47	20.85	19.09	19.03	19.03	20.69	27.20	37.83	44.47	43.24	38.27	43.81	40.06	34.79	30.00	29.27	33.42	32.52	36.82	37.01	41.19	38.05	34.00	26.63	44.47
13	43.63	30.05	23.32	21.51	19.98	19.89	24.91	35.09	31.92	33.91	30.04	30.09	29.07	23.64	22.00	26.47	31.23	34.08	36.41	33.09	41.05	45.75	37.18	28.66	45.75
14	36.82	26.91	22.61	23.02	20.11	15.96	15.30	16.53	16.44	18.30	21.00	21.83	20.59	15.83	13.52	14.78	16.00	21.59	28.01	31.01	38.68	43.24	37.23	25.48	43.24
15	24.01	20.50	18.94	17.69	18.63	22.82	36.82	45.13	46.20	43.88	41.91	43.17	44.52	42.41	42.24	41.79	41.85	39.05	39.00	41.00	42.96	41.51	37.93	34.64	46.20
16	30.87	27.11	25.17	24.30	24.08	25.97	36.20	46.37	49.92	45.47	43.17	43.11	41.71	39.23	37.00	36.18	35.47	39.65	42.91	47.25	44.92	39.63	38.97	31.88	49.92
17	32.13	27.43	26.01	25.01	24.43	25.77	32.59	44.03	46.51	44.33	42.42	43.22	40.96	39.82	36.00	34.97	36.98	34.88	37.92	41.26	39.12	37.01	34.30	30.66	46.51
18	28.84	24.52	22.32	22.00	21.94	24.01	28.88	37.82	41.91	38.95	38.57	38.45	38.31	35.89	33.38	32.39	31.08	34.31	35.15	37.80	36.55	35.28	33.57	28.91	41.91
19	27.77	23.87	22.15	21.30	21.12	23.34	30.56	35.77	38.27	36.70	34.00	33.68	32.40	30.67	28.01	28.08	28.01	30.57	32.38	35.49	37.99	36.76	34.05	30.27	38.27
20	26.00	21.63	20.04	17.41	15.75	15.63	17.98	20.79	22.70	25.00	21.86	24.30	20.66	24.10	17.21	15.22	18.26	20.52	24.66	30.04	35.50	37.38	32.77	27.51	37.38
21	24.73	21.65	19.60	18.01	16.11	14.13	14.10	15.96	17.02	18.23	18.60	19.55	19.00	15.03	12.80	12.02	16.11	20.97	26.72	33.25	36.27	36.80	35.00	31.58	36.80
22	24.59	20.18	20.03	18.69	19.01	20.01	27.88	34.60	35.20	33.60	30.60	28.80	27.52	23.87	22.00	21.01	21.95	26.08	31.80	35.00	36.15	36.00	34.08	31.98	36.15
23	27.79	24.80	23.01	23.01	23.00	24.58	32.16	37.79	40.00	36.07	32.30	31.01	29.36	28.01	27.01	27.86	28.41	33.75	37.37	41.97	41.98	39.70	36.59	31.99	41.98
24	31.76	29.00	27.59	26.44	26.30	28.61	35.56	42.68	43.00	38.01	36.00	36.15	36.20	34.40	33.08	33.09	33.74	36.94	39.09	43.00	44.00	41.76	38.54	35.63	44.00
25	29.14	25.56	20.65	20.65	20.65	24.79	33.57	38.85	40.68	38.99	38.16	36.85	35.31	34.43	33.45	31.59	32.12	35.58	38.61	43.36	43.26	39.88	36.76	32.06	43.36
26	29.29	26.53	24.78	24.78	24.57	24.78	33.47	39.91	41.30	39.00	36.98	34.96	32.38	30.09	29.25	29.65	31.94	36.38	38.86	43.14	42.13	40.07	38.78	34.69	43.14
27	32.66	28.25	25.87	25.57	24.51	23.34	24.51	26.44	28.04	27.54	25.74	24.85	23.57	21.10	19.74	20.24	22.93	26.64	30.89	34.70	37.15	36.89	34.70	30.02	37.15
28	23.93	19.00	16.00	14.13	11.51	9.97	9.91	10.94	11.98	13.72	14.40	16.07	14.69	13.81	10.00	9.91	15.25	23.03	24.07	28.10	35.06	39.97	33.07	28.33	39.97
29	24.50	22.19	20.60	19.90	19.65	22.05	30.89	39.98	40.68	38.94	39.76	40.79	42.01	43.05	36.76	38.99	41.10	38.95	40.14	42.44	46.52	46.00	41.32	30.39	46.52
30	28.22	20.00	15.00	14.95	15.01	16.80	27.60	35.42	36.32	35.08	32.99	32.95	32.66	30.20	29.64	30.57	31.97	34.46	38.92	40.99	45.06	44.37	33.90	26.85	45.06

Average 30.32 EUR/MWh

June 2020



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	-	-	-	-	-	2.69	-	2.26	-	-	-	-	-	-	-	-	-	-	-	1.20	7.00	3.91	7.45	6.97	7.45	
2	14.18	1.97	1.96	5.44	15.86	20.18	9.30	17.28	7.63	-	3.57	3.88	-	-	-	-	-	-	-	-	-	-	-	-	20.18	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
4	-	-	-	-	-	-	-	1.91	3.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.57
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.54	1.10	1.82	0.13	-	-	-	-	-	1.82
6	-	-	-	-	1.42	1.98	-	3.52	3.94	2.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.94
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
9	-	-	-	-	-	-	-	-	-	-	3.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.93
10	-	-	-	-	-	-	8.92	5.31	5.34	2.38	1.40	-	-	-	-	-	-	-	6.43	4.07	13.43	4.94	-	-	-	13.43
11	-	-	-	-	-	0.74	6.12	-	5.92	8.47	5.59	2.43	10.42	8.00	6.62	6.26	15.57	12.13	-	-	-	-	-	-	-	15.57
12	-	-	-	1.09	0.94	0.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.09
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
14	-	-	-	-	-	-	-	-	0.32	0.37	-	-	-	-	-	-	-	-	-	1.94	0.40	3.86	-	-	-	3.86
15	-	-	-	-	-	-	1.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.81
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
20	1.28	1.01	0.89	2.60	3.26	2.38	0.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.26
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
23	-	-	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20	1.20
25	1.66	3.30	6.40	5.58	5.57	3.14	0.94	0.64	0.80	-	-	-	-	-	-	2.09	1.97	1.99	1.22	0.74	-	-	1.24	2.26	6.40	
26	-	-	0	0.21	0.24	0.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.99	-	-	-	-	0.99
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
29	-	-	-	-	-	-	-	3.51	1.21	-	-	-	-	-	-	-	-	-	-	-	-	0.49	-	-	-	3.51
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.99	3.22	3.22	

Average 3.98 EUR/MWh

June 2020

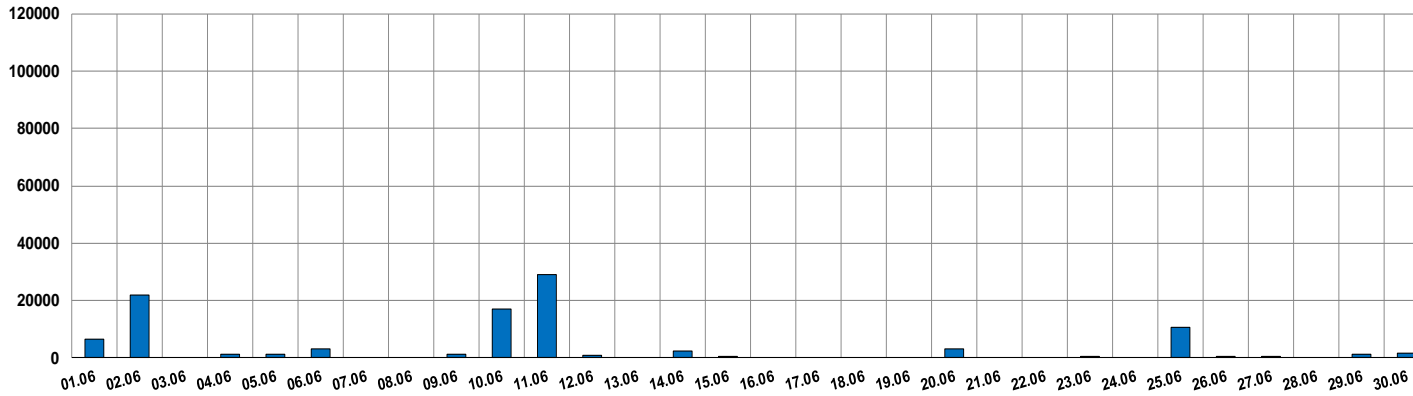


Transelectrica®
Societate Administrată în Sistem Dualist

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]
01.06	13001	6501
02.06	43841	21921
03.06	0	0
04.06	2493	1247
05.06	2165	1082
06.06	6220	3110
07.06	0	0
08.06	0	0
09.06	2574	1287
10.06	34204	17102
11.06	57817	28908
12.06	1893	946
13.06	0	0
14.06	4513	2256
15.06	1186	593
16.06	0	0
17.06	0	0
18.06	0	0
19.06	0	0
20.06	6486	3243
21.06	0	0
22.06	0	0
23.06	834	417
24.06	0	0
25.06	21549	10775
26.06	703	352
27.06	549	275
28.06	0	0
29.06	2892	1446
30.06	3384	1692
Total	206304	103152

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-HU	HU-RO	RO-HU	HU-RO
35121	171183	30044	129255
206304		159299	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
47005	23502



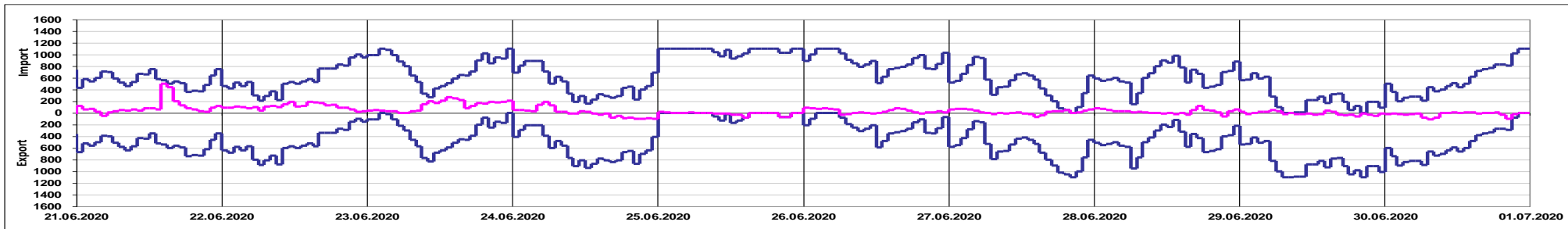
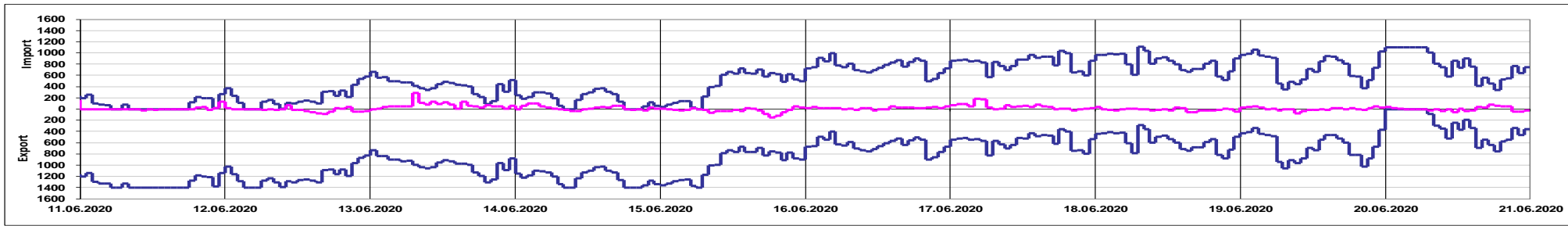
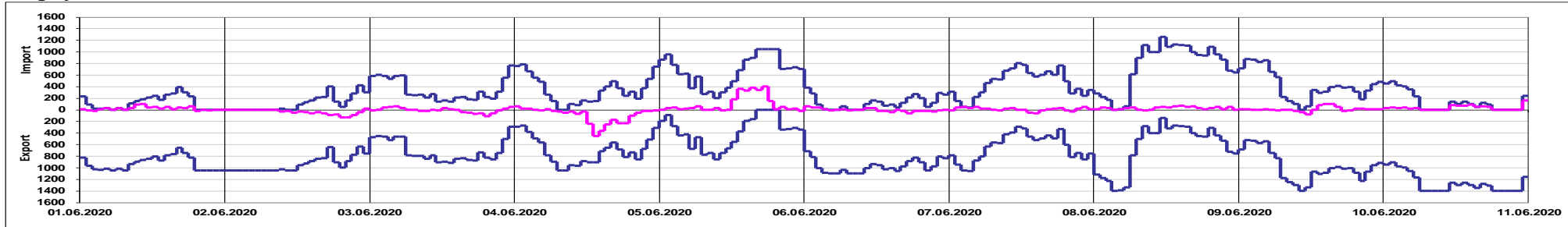
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Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Implicit Intraday Auctions on Romanian – Hungarian border

Hungary June 2020



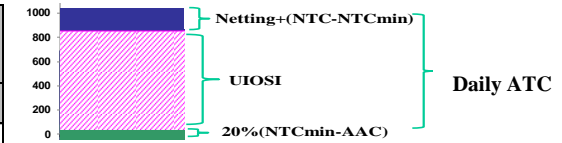
Offered Capacity on Intraday Auction [MW]
Net Position border RO - HU [MWh]

Market for Allocation of Cross-Border Capacities

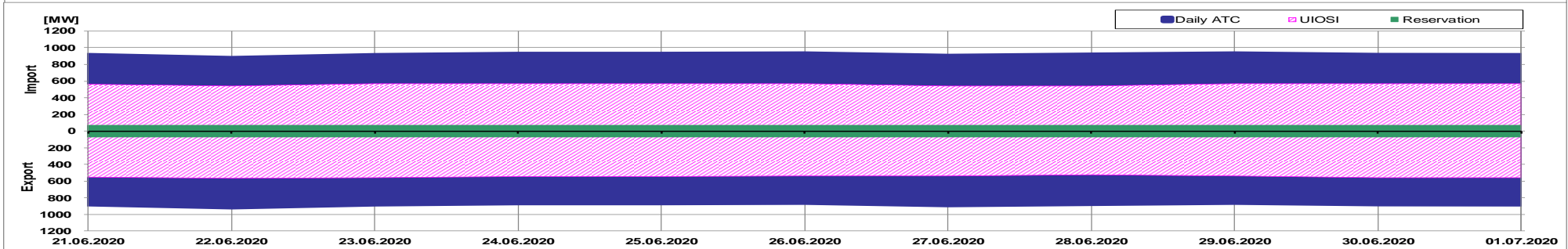
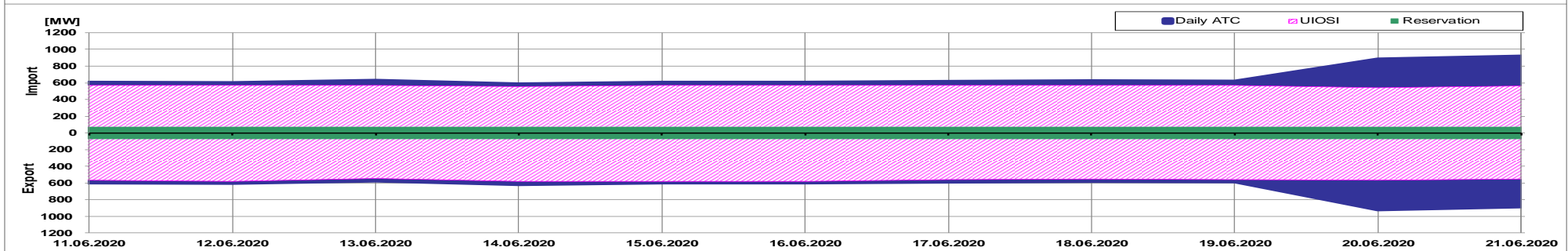
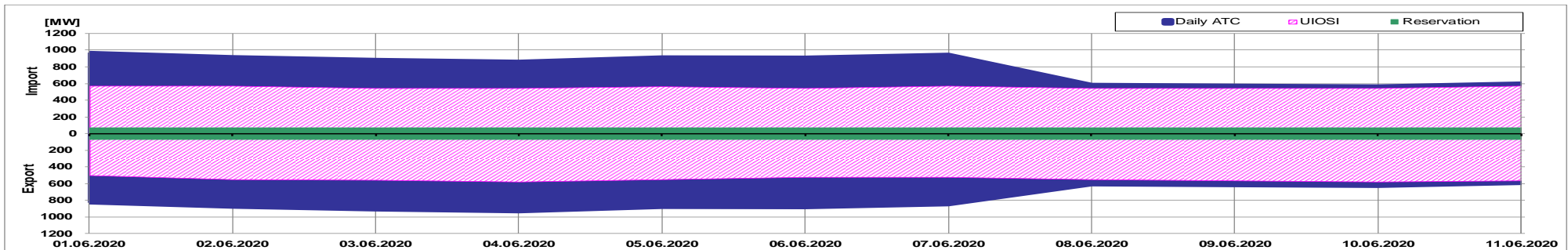
Daily Auctions on Romanian – Bulgarian border



Reserved Capacity [MW] average value		Unused Capacity [MW] average value	
RO-BG	BG-RO	RO-BG	BG-RO
71	70	492	474



Bulgaria June 2020



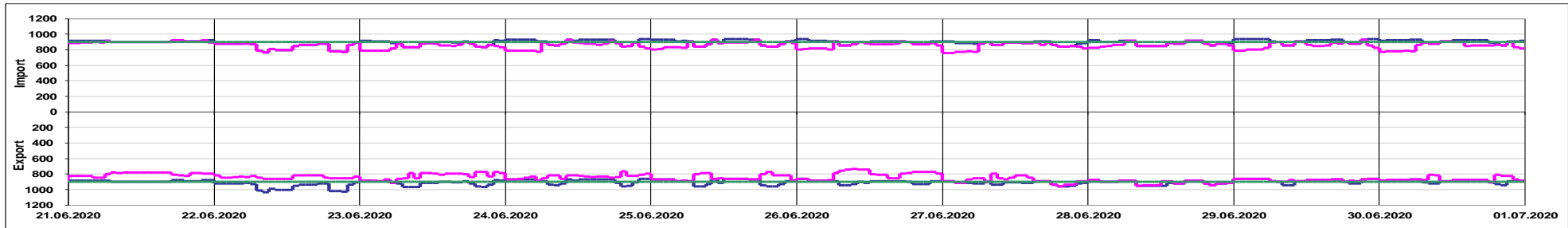
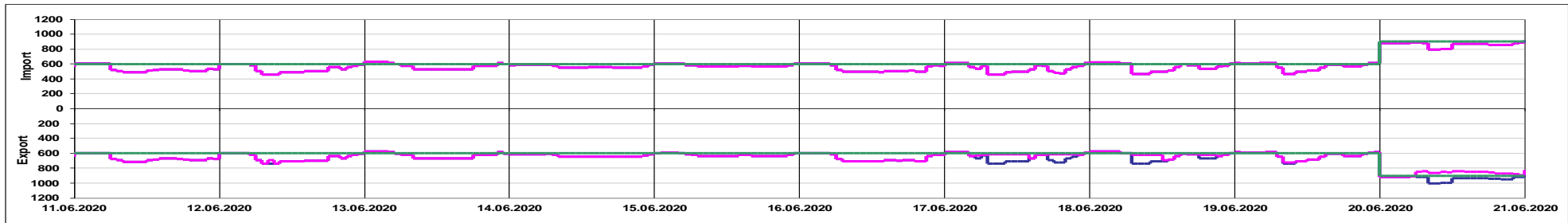
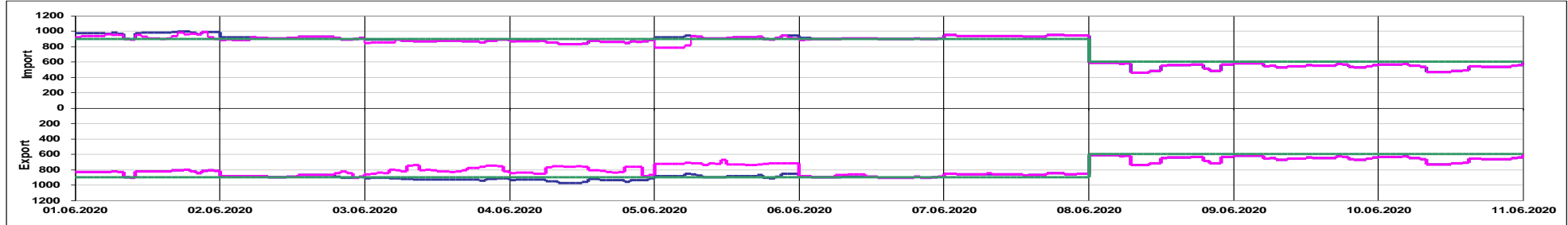
Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Bulgarian border



Transelectrica®
Societate Administrată în Sistem Dualist

Bulgaria June 2020



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

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

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

Public

Market for Allocation of Cross-Border Capacities

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	0.30	0.30	0.30	0.30	0.30	0.30	0.10	0.02	0.01	0.01	0.05	0.05	0.05	0.05	0.05	0.10	0.10	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.30
2	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.01	0.02	0.02	
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	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	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
7	0.05	0.05	0.05	0.05	0.05	0.05	0.02	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
8	0.48	0.48	0.50	0.48	0.48	0.39	0.27	0.01	0.01	0.02	0.02	0.02	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.02	0.01	0.02	0.16	0.16	0.16	0.50
9	0.16	0.31	0.31	0.31	0.16	0.16	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.05	0.06	0.05	0.04	0.05	0.04	0.05	0.31	0.31	0.31
10	0.11	0.11	0.16	0.11	0.16	0.11	0.05	0.05	0.01	0.01	0.01	0.01	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.16	0.11	0.16
11	0.23	0.23	0.23	0.23	0.23	0.12	0.04	0.04	0.03	0.05	0.05	0.06	0.05	0.06	0.12	0.12	0.12	0.06	0.05	0.04	0.05	0.04	0.12	0.12	0.23	0.23
12	0.35	0.31	0.31	0.31	0.31	0.27	0.05	0.03	0.00	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.16	0.16	0.35	0.35
13	0.35	0.34	0.34	0.34	0.27	0.27	0.09	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.09	0.09	0.05	0.11	0.16	0.15	0.35	0.35
14	0.38	0.37	0.37	0.37	0.38	0.38	0.21	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.21	0.21	0.18	0.18	0.17	0.17	0.17	0.29	0.23	0.38	0.38
15	0.25	0.25	0.25	0.21	0.21	0.15	0.11	0.05	0.05	0.05	0.05	0.05	0.10	0.10	0.10	0.10	0.08	0.05	0.05	0.05	0.05	0.05	0.11	0.12	0.25	0.25
16	0.06	0.06	0.06	0.06	0.05	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.05	0.05	0.06
17	0.05	0.05	0.05	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.06	0.06
18	0.33	0.33	0.33	0.33	0.36	0.33	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.02	0.04	0.00	0.00	0.00	0.02	0.05	0.24	0.36	0.36
19	0.13	0.13	0.13	0.13	0.16	0.13	0.13	0.05	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.05	0.05	0.08	0.06	0.06	0.16	0.16	0.16
20	0.01	0.01	0.01	0.01	0.01	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	0.00	0.00	0.01
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	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
24	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
25	0.13	0.13	0.13	0.13	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
26	0.05	0.16	0.10	0.10	0.10	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	0.16
27	0.11	0.11	0.08	0.08	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.11
28	0.11	0.11	0.11	0.11	0.11	0.11	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.11
29	0.31	0.31	0.31	0.31	0.30	0.30	0.05	0.06	0.00	0.00	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.02	0.05	0.05	0.31	0.31
30	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.03	0.21	0.21



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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.36	0.36	0.39	0.28	0.31	0.31	0.28	0.28	0.28	0.28	0.28	0.39	0.39	0.43	0.43	0.39	0.31	0.43
3	0.00	0.00	0.00	0.00	0.00	0.05	0.11	0.11	0.12	0.12	0.11	0.11	0.06	0.06	0.06	0.06	0.06	0.11	0.11	0.12	0.11	0.11	0.06	0.05	0.12
4	0.01	0.00	0.00	0.00	0.00	0.06	0.37	0.37	0.41	0.37	0.45	0.28	0.28	0.18	0.12	0.12	0.12	0.35	0.37	0.41	0.37	0.37	0.06	0.05	0.45
5	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.19	0.11	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.00	0.00	0.19
6	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.04	0.05	0.05	0.05	0.05	0.01	0.01	0.05
7	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	0.02	0.03	0.01	0.03
8	0.05	0.05	0.05	0.05	0.05	0.05	0.23	0.99	0.99	0.99	0.75	0.71	0.45	0.45	0.45	0.45	0.45	0.53	0.75	0.99	0.99	0.87	0.23	0.10	0.99
9	0.16	0.16	0.16	0.16	0.16	0.16	0.75	0.79	0.79	0.79	0.44	0.41	0.31	0.31	0.31	0.31	0.36	0.75	0.79	0.97	1.00	0.97	0.29	0.16	1.00
10	0.16	0.19	0.19	0.19	0.16	0.19	0.36	0.89	1.01	0.99	0.99	1.25	0.87	0.87	0.55	0.41	0.51	0.88	0.87	0.99	0.99	0.55	0.19	0.19	1.25
11	0.08	0.08	0.08	0.08	0.08	0.08	0.36	0.56	0.87	0.66	0.63	0.56	0.55	0.41	0.31	0.31	0.38	0.38	0.41	0.63	0.94	0.94	0.19	0.19	0.94
12	0.31	0.31	0.31	0.31	0.31	0.41	1.00	1.41	1.41	1.46	1.25	1.46	1.25	1.25	1.16	1.16	1.16	0.88	0.79	1.01	1.25	1.25	0.76	0.51	1.46
13	0.11	0.11	0.11	0.11	0.16	0.19	0.35	0.42	0.58	0.53	0.58	0.52	0.52	0.42	0.42	0.42	0.42	0.42	0.44	0.87	1.00	0.55	0.19	0.16	1.00
14	0.11	0.11	0.11	0.11	0.11	0.13	0.33	0.43	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.51	0.51	0.51	0.45	0.19	0.11	0.51
15	0.11	0.11	0.11	0.11	0.11	0.19	0.77	0.87	0.88	0.88	0.87	0.87	0.75	0.41	0.41	0.41	0.41	0.55	0.77	1.11	1.50	1.11	0.56	0.19	1.50
16	0.22	0.22	0.22	0.19	0.19	0.22	0.65	1.31	1.21	0.89	0.87	0.89	0.65	0.56	0.55	0.62	0.65	0.87	0.87	1.50	1.50	0.87	0.46	0.46	1.50
17	0.06	0.06	0.06	0.06	0.06	0.06	0.15	0.99	0.99	0.99	0.78	0.77	0.59	0.76	0.53	0.26	0.37	0.81	0.99	0.99	0.88	0.69	0.13	0.06	0.99
18	0.05	0.05	0.05	0.05	0.05	0.06	0.37	1.55	1.55	1.08	0.78	0.78	0.77	0.76	0.42	0.42	0.42	0.42	0.76	0.78	0.77	0.69	0.38	0.22	1.55
19	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.50	0.54	0.50	0.50	0.50	0.45	0.45	0.18	0.09	0.09	0.26	0.09	0.36	0.36	0.13	0.05	0.03	0.54
20	0.03	0.03	0.05	0.05	0.03	0.03	0.05	0.05	0.16	0.15	0.09	0.10	0.05	0.05	0.05	0.05	0.05	0.12	0.12	0.21	0.21	0.21	0.05	0.03	0.21
21	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.01	0.05	0.05	0.09	0.09	0.09	0.00	0.00	0.09
22	0.02	0.02	0.02	0.02	0.02	0.00	0.05	0.15	0.16	0.08	0.08	0.05	0.05	0.03	0.02	0.02	0.02	0.05	0.05	0.22	0.22	0.22	0.03	0.02	0.22
23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.00	0.00	0.03
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.05	0.03	0.00	0.00	0.05
25	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.04	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.05	0.05	0.01	0.00	0.05
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.00	0.00	0.02
27	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.04	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.04	0.04	0.04	0.00	0.00	0.04
28	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.05	0.05	0.05	0.05	0.04	0.02	0.02	0.02	0.01	0.01	0.01	0.04	0.04	0.04	0.01	0.00	0.05
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.00	0.00	0.02
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02

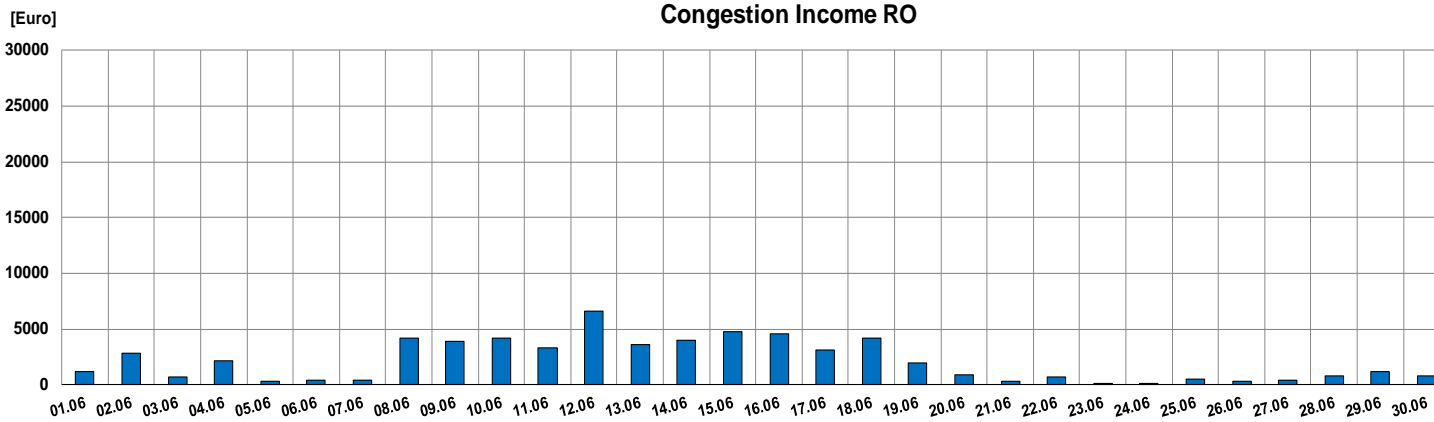
Bulgaria June 2020



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Allocation on Romanian – Bulgarian border



Day	Congestion Income border RO-BG [Euro]	Congestion Income RO [Euro]
01.06	2341	1171
02.06	5584	2792
03.06	1482	741
04.06	4354	2177
05.06	667	333
06.06	738	369
07.06	905	453
08.06	8372	4186
09.06	7824	3912
10.06	8427	4214
11.06	6573	3287
12.06	13296	6648
13.06	7257	3628
14.06	8047	4024
15.06	9601	4800
16.06	9051	4526
17.06	6276	3138
18.06	8384	4192
19.06	3864	1932
20.06	1769	885
21.06	653	327
22.06	1303	651
23.06	204	102
24.06	277	139
25.06	946	473
26.06	595	298
27.06	839	420
28.06	1563	781
29.06	2268	1134
30.06	1517	759
Total	124979	62489

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-BG	BG-RO	RO-BG	BG-RO
28917	96062	20455	75638
124979		96093	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
28886	14443



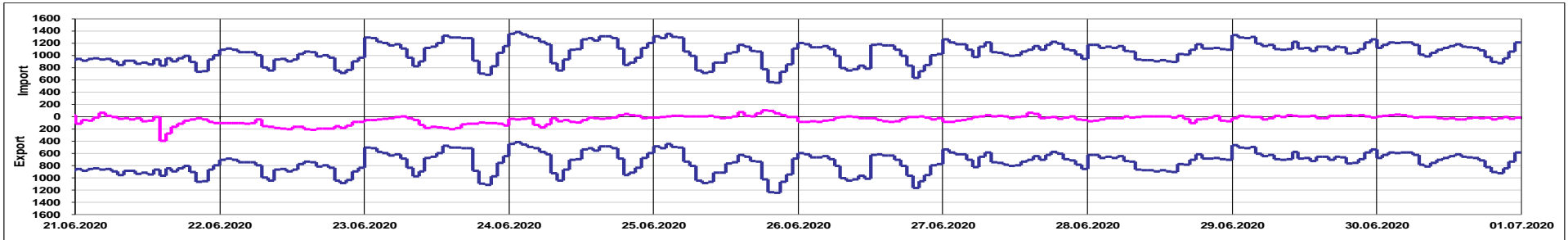
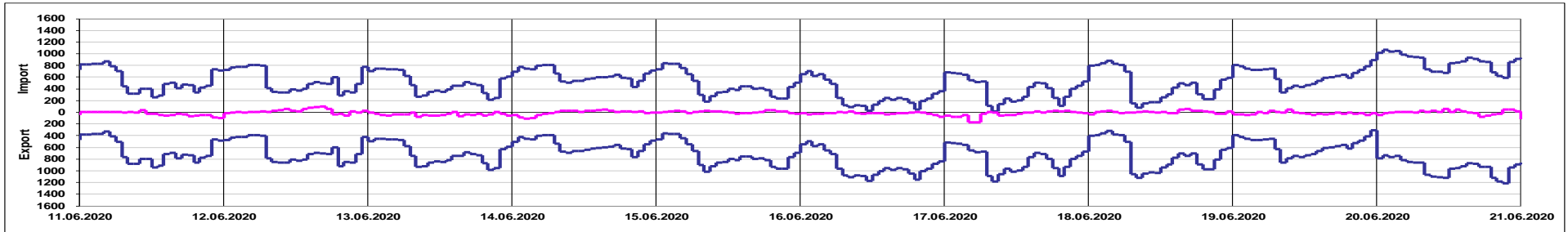
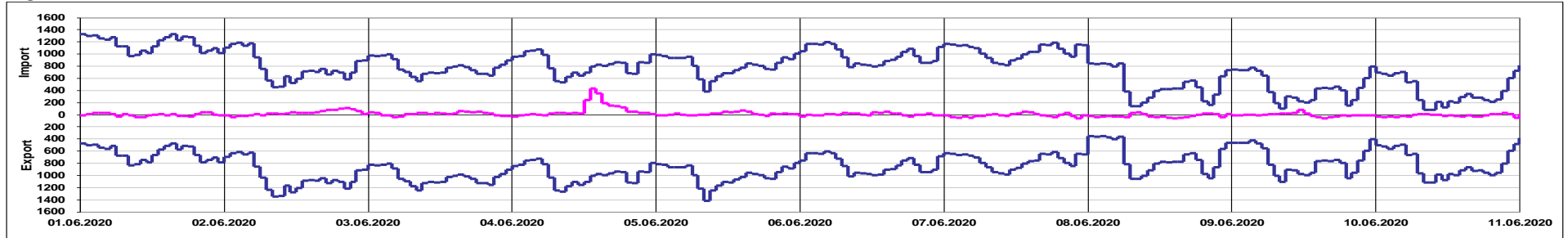
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Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Implicit Intraday Auctions on Romanian – Bulgarian border

Bulgaria June 2020



Offered Capacity on Intraday Auction [MW]

Net Position border RO - BG [MWh]

Public

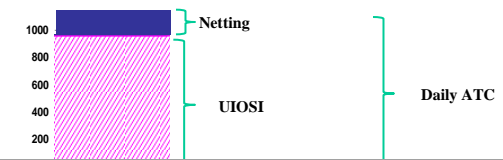


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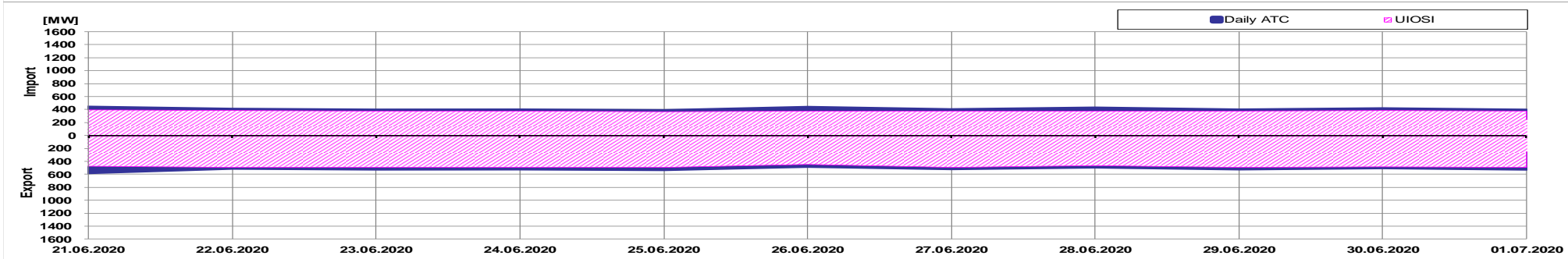
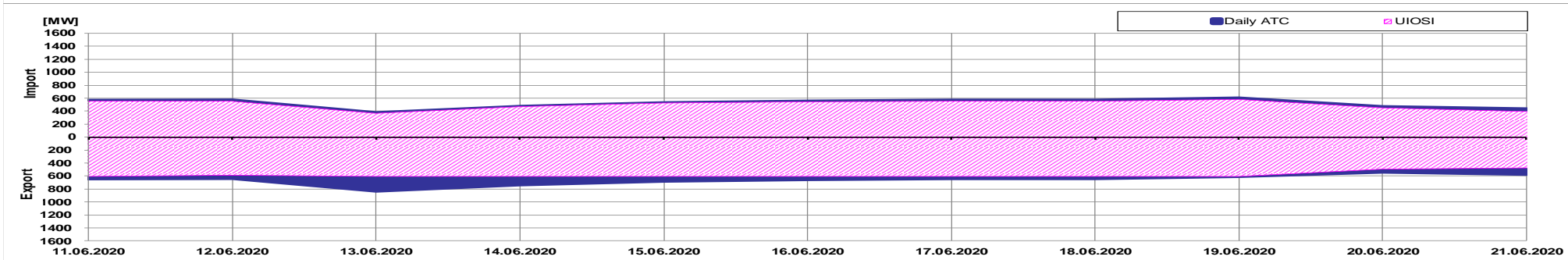
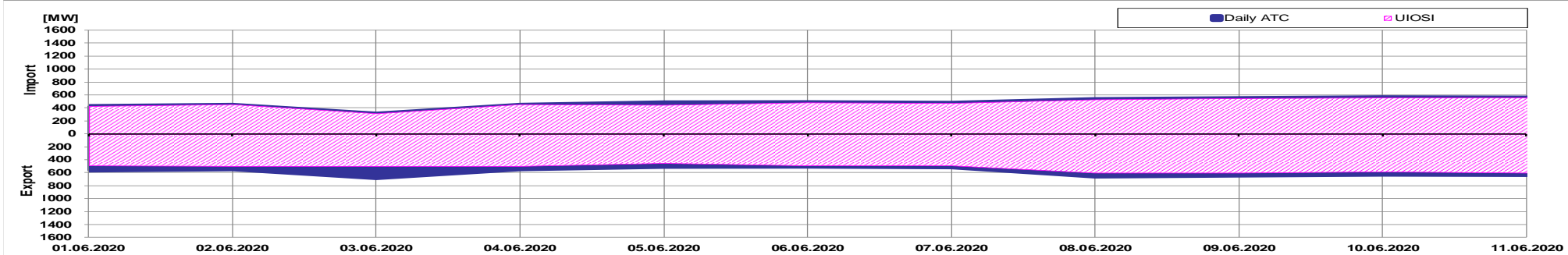
Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Unused Capacity [MW] average value	
RO-RS	RS-RO
526	447



Serbia June 2020



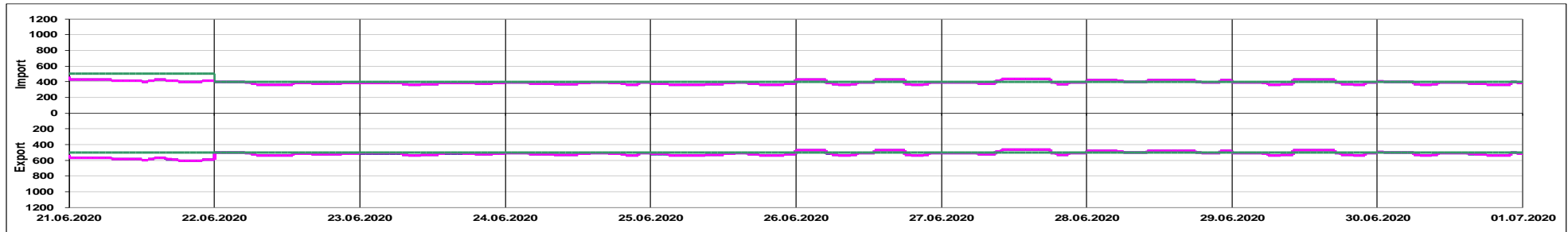
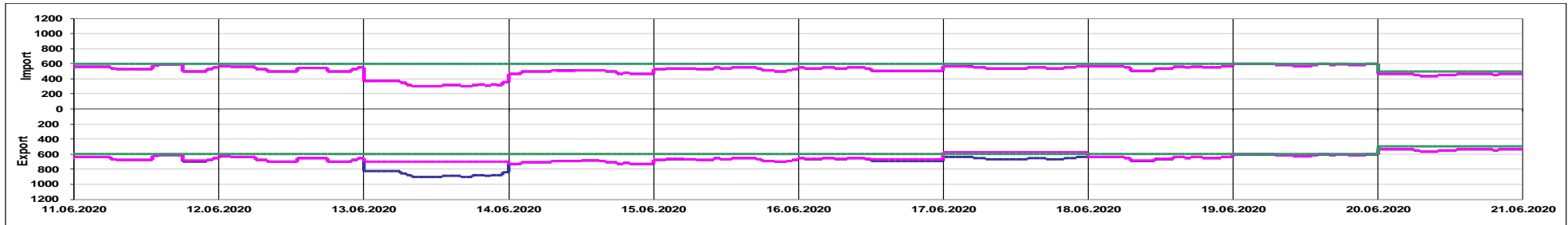
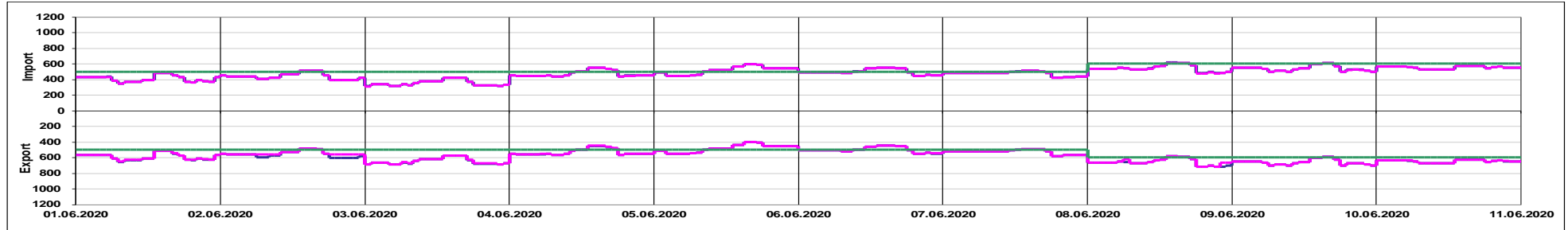


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Serbia June 2020



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

Daily Auctions on Romanian – Serbian border



Transelectrica®
Societate Administrată în Sistem Dualist

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	0.06	0.06	0.06	0.06	0.06	0.03	0.05	0.03	0.03	0.03	0.03	0.05	0.05	0.07	0.07	0.07	0.06	0.06	0.03	0.03	0.05	0.03	0.03	0.06	0.07	
2	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
3	0.03	0.04	0.04	0.04	0.04	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.01	0.03	0.04	
4	0.09	0.09	0.09	0.09	0.08	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.09	0.09	0.09	0.09	0.06	0.06	0.07	0.07	0.07	0.07	0.09	
5	0.06	0.06	0.06	0.06	0.06	0.05	0.05	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	0.09	0.09	0.09	0.09	0.09	
6	0.15	0.15	0.15	0.15	0.12	0.12	0.09	0.09	0.09	0.12	0.15	0.16	0.16	0.17	0.17	0.17	0.16	0.16	0.13	0.12	0.12	0.10	0.09	0.09	0.17	
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	0.05	0.05	0.05	0.05	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.05	
8	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.02	0.03	0.03	0.06	0.06	0.06	0.06	0.05	0.02	0.02	0.02	0.02	0.00	0.00	0.06	
9	0.03	0.03	0.03	0.03	0.03	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	0.02	0.03	0.03	0.03	0.02	0.02	0.03	
10	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.02	0.02	0.03	
11	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	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.02	0.02	0.03	
12	0.05	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.05	
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	
14	0.05	0.05	0.06	0.06	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.06	
15	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.03	0.03	0.03	0.03	0.03	0.05	0.06	
16	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
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	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.02	
19	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
20	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
21	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.10	
22	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	
23	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
24	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
25	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	0.09	0.09	0.09	0.09	0.09	0.06	0.06	0.06	0.06	0.09	0.09	0.09	
26	0.25	0.25	0.25	0.25	0.25	0.25	0.22	0.16	0.14	0.16	0.13	0.13	0.16	0.22	0.22	0.22	0.22	0.22	0.13	0.09	0.09	0.13	0.22	0.22	0.25	
27	0.32	0.32	0.32	0.34	0.32	0.35	0.32	0.32	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.22	0.22	0.22	0.22	0.26	0.26	0.35	
28	0.32	0.32	0.32	0.32	0.32	0.32	0.25	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.09	0.13	0.13	0.24	0.24	0.32	
29	0.19	0.19	0.19	0.19	0.19	0.19	0.09	0.09	0.09	0.09	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.13	0.09	0.09	0.09	0.09	0.12	0.12	0.19	
30	0.06	0.06	0.06	0.06	0.06	0.06	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.03	0.06	0.07	0.07	

Serbia June 2020



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

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	0.31	0.31	0.31	0.31	0.31	0.31	0.50	0.66	0.50	0.50	0.50	0.50	0.50	0.22	0.22	0.22	0.44	0.50	0.66	0.66	0.51	0.51	0.66	0.44	0.66
2	0.06	0.06	0.06	0.11	0.11	0.11	0.24	0.33	0.33	0.33	0.09	0.09	0.24	0.15	0.15	0.15	0.17	0.72	1.55	1.55	2.00	1.12	0.80	0.44	2.00
3	0.66	0.65	0.65	0.65	0.66	2.00	2.00	1.80	1.80	1.12	0.50	0.50	0.50	0.40	0.40	0.40	0.40	0.75	1.20	1.20	1.20	0.52	0.44	0.44	2.00
4	0.26	0.26	0.26	0.35	0.35	0.35	0.55	1.00	1.00	0.56	0.16	0.15	0.15	0.09	0.09	0.09	0.16	0.33	0.44	0.44	0.44	0.40	0.15	0.15	1.00
5	0.09	0.09	0.15	0.15	0.15	0.16	0.19	0.25	0.19	0.17	0.17	0.15	0.09	0.06	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.25
6	0.15	0.15	0.15	0.15	0.15	0.17	0.44	0.44	0.44	0.44	0.26	0.15	0.15	0.14	0.14	0.10	0.10	0.15	0.25	0.44	0.76	0.44	0.40	0.40	0.76
7	0.12	0.12	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.09	0.33	0.35	0.35	0.56	0.50	0.33	0.56
8	0.07	0.07	0.09	0.09	0.09	0.08	0.11	0.08	0.08	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.09	0.09	0.09	0.09	0.15	0.11	0.15
9	0.08	0.08	0.08	0.08	0.08	0.09	0.15	0.26	0.25	0.26	0.17	0.12	0.12	0.09	0.09	0.09	0.06	0.09	0.12	0.09	0.12	0.09	0.10	0.10	0.26
10	0.09	0.09	0.09	0.09	0.09	0.09	0.22	0.38	0.38	0.38	0.38	0.36	0.33	0.26	0.26	0.26	0.13	0.13	0.15	0.15	0.15	0.10	0.15	0.10	0.38
11	0.08	0.08	0.08	0.08	0.08	0.09	0.53	0.88	0.72	0.66	0.64	0.35	0.35	0.27	0.26	0.26	0.26	0.26	0.38	0.52	0.52	0.38	0.27	0.26	0.88
12	0.17	0.17	0.17	0.17	0.17	0.34	1.45	1.44	1.64	2.05	1.95	1.64	1.55	1.45	1.44	1.09	1.44	1.44	1.01	1.01	1.12	0.85	0.41	0.27	2.05
13	0.50	0.43	0.43	0.43	0.31	0.25	0.25	0.35	0.46	0.46	0.52	0.52	0.52	0.52	0.52	0.59	1.11	1.56	1.13	0.88	1.11	0.78	0.78	0.59	1.56
14	0.35	0.35	0.31	0.26	0.26	0.26	0.32	0.17	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.37	0.38	0.38	0.35	0.35	0.37	0.17	0.38
15	0.11	0.12	0.11	0.17	0.17	0.38	0.60	0.61	0.61	0.61	0.60	0.60	0.35	0.35	0.25	0.25	0.25	0.35	0.43	0.43	0.60	0.60	0.43	0.13	0.61
16	0.03	0.10	0.09	0.09	0.08	0.03	0.21	0.21	0.10	0.10	0.15	0.15	0.18	0.18	0.18	0.18	0.18	0.18	0.21	0.21	0.21	0.15	0.15	0.03	0.21
17	0.01	0.06	0.06	0.06	0.06	0.06	0.14	0.14	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	0.14	0.14	0.09	0.15
18	0.09	0.06	0.06	0.06	0.06	0.08	0.12	0.21	0.21	0.21	0.21	0.15	0.15	0.21	0.15	0.15	0.15	0.15	0.12	0.15	0.15	0.15	0.12	0.09	0.21
19	0.06	0.06	0.06	0.06	0.06	0.06	0.12	0.12	0.12	0.12	0.15	0.15	0.15	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.09	0.15
20	0.38	0.38	0.36	0.36	0.36	0.36	0.33	0.36	0.25	0.25	0.21	0.21	0.21	0.21	0.21	0.36	0.43	0.43	0.64	0.65	0.64	0.64	0.43	0.43	0.65
21	0.35	0.35	0.35	0.35	0.35	0.35	0.25	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.25	0.35	0.35	0.53	0.66	0.75	0.85	0.75	0.66	0.85
22	0.25	0.25	0.25	0.25	0.25	0.28	0.37	0.46	0.46	0.46	0.37	0.37	0.37	0.35	0.35	0.35	0.37	0.37	0.56	0.60	0.60	0.56	0.56	0.37	0.60
23	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.28	0.30	0.30	0.28	0.28	0.28	0.14	0.14	0.14	0.14	0.16	0.28	0.28	0.24	0.24	0.24	0.16	0.30
24	0.14	0.14	0.14	0.14	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.14	0.14	0.14	0.14	0.14	0.16	0.22	0.23	0.24	0.24	0.22	0.16	0.24
25	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	0.15	0.15	0.16	0.24	0.24	0.24	0.24	0.19	0.16	0.24
26	0.09	0.09	0.09	0.09	0.09	0.14	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.09	0.09	0.09	0.09	0.14	0.19	0.24	0.24	0.19	0.19	0.15	0.24
27	0.09	0.09	0.09	0.09	0.09	0.09	0.11	0.11	0.11	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.11	0.16	0.16	0.16	0.16	0.16	0.12	0.16
28	0.16	0.16	0.16	0.16	0.16	0.16	0.14	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.16	0.28	0.35	0.35	0.35	0.18	0.16	0.35
29	0.18	0.18	0.18	0.18	0.18	0.18	0.28	0.35	0.45	0.45	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.18	0.33	0.35	0.35	0.35	0.22	0.18	0.45
30	0.15	0.18	0.18	0.18	0.18	0.23	0.28	0.28	0.35	0.30	0.30	0.30	0.24	0.24	0.24	0.28	0.22	0.22	0.28	0.28	0.28	0.28	0.22	0.18	0.35

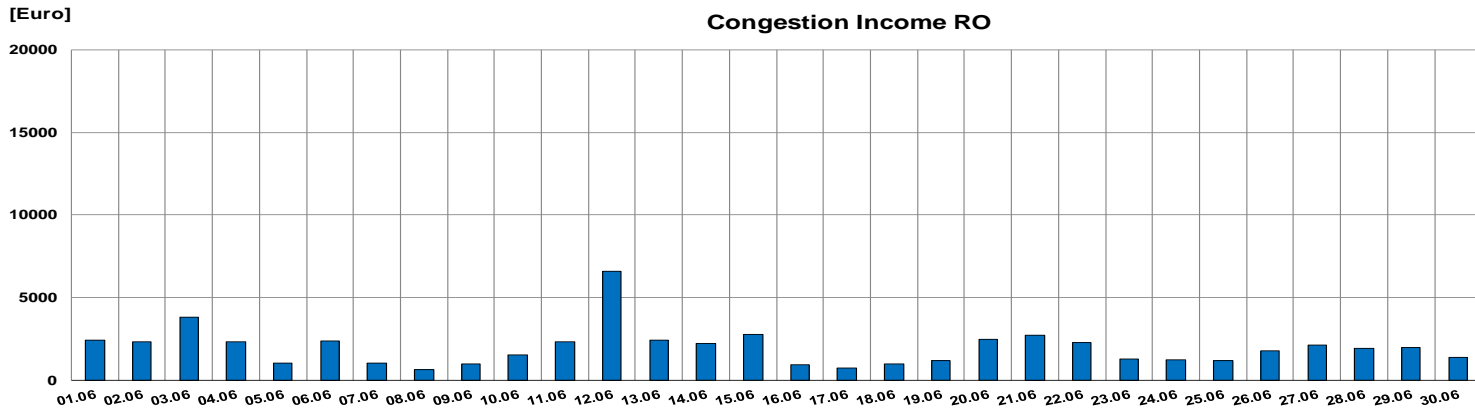
Serbia June 2020



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Allocation on Romanian – Serbian border



Day	Congestion Income border RO-RS [Euro]	Congestion Income RO [Euro]
01.06	4881	2441
02.06	4630	2315
03.06	7653	3826
04.06	4663	2332
05.06	2052	1026
06.06	4743	2372
07.06	2104	1052
08.06	1247	623
09.06	1942	971
10.06	3036	1518
11.06	4683	2342
12.06	13175	6588
13.06	4827	2414
14.06	4481	2240
15.06	5603	2802
16.06	1912	956
17.06	1540	770
18.06	1968	984
19.06	2388	1194
20.06	4954	2477
21.06	5427	2714
22.06	4558	2279
23.06	2580	1290
24.06	2443	1221
25.06	2373	1186
26.06	3561	1780
27.06	4228	2114
28.06	3898	1949
29.06	4021	2010
30.06	2738	1369
Total	118307	59153

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-RS	RS-RO	RO-RS	RS-RO
24757	93550	22897	91481
118307		114378	

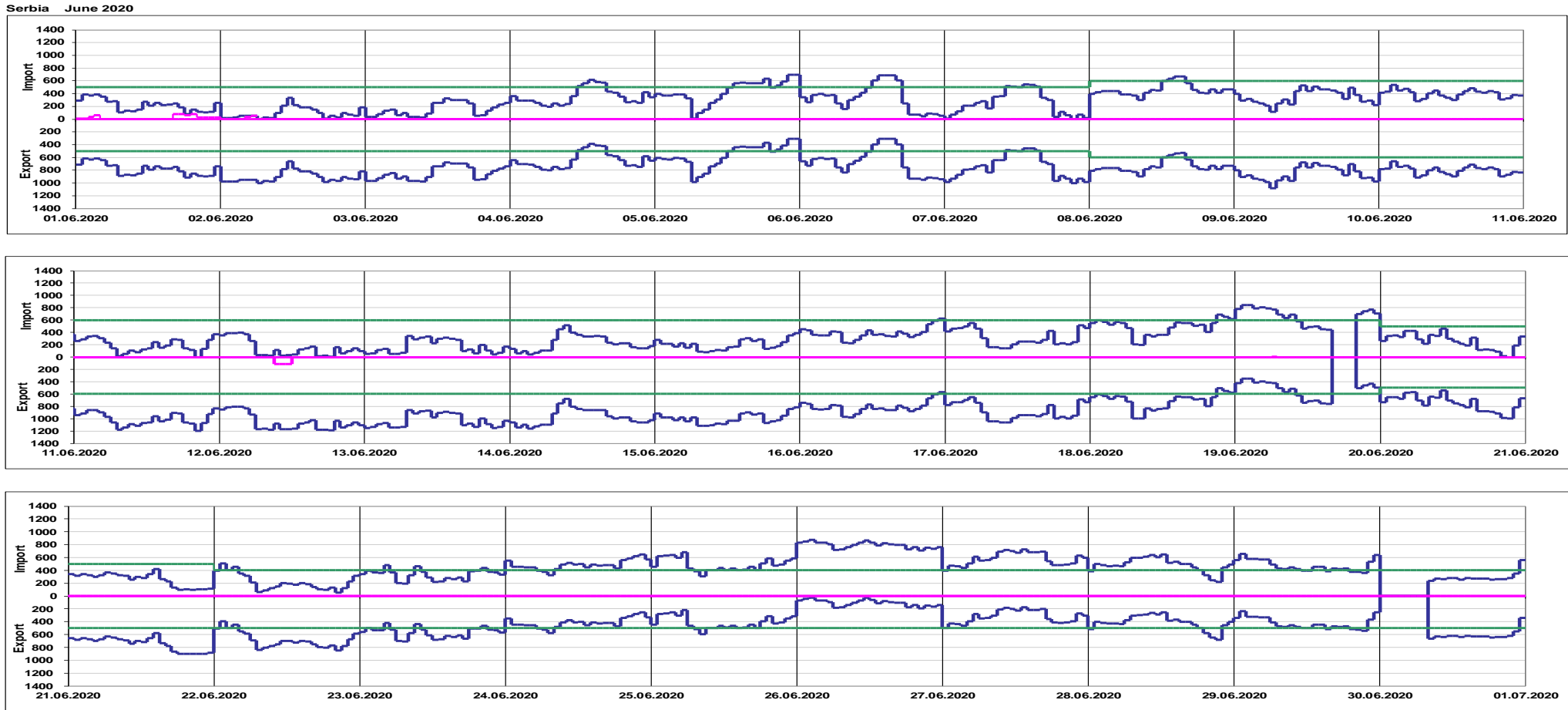
TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
3929	1964



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 auctions were canceled for 29.06.2020, session 5, and 30.06.2020, session 1 and 2.



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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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
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	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	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	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	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	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 June 2020

Note: Due to technical issues on Serbian IT platform, intraday auctions were canceled for 29.06.2020, session 5, and 30.06.2020, session 1 and 2.

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
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
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
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
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	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

Serbia June 2020

Note: Due to technical issues on Serbian IT platform, intraday auctions were canceled for 29.06.2020, session 5, and 30.06.2020, session 1 and 2.



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Market for Allocation of Cross-Border Capacities

Statistics on Monthly Auction

June 2020		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	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
	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	
	Number of Bids	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	59	59	59	59	
Hungary import	Number of Capacity Traders	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
	Number of Capacity Holders	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	Number of Bids	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	
Bulgaria export	Number of Capacity Traders	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
	Number of Capacity Holders	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 Bids	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	
Bulgaria import	Number of Capacity Traders	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
	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	
	Number of Bids	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	
Serbia export	Number of Capacity Traders	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	9	9	9	9	9	9	9	9	9	
	Number of Capacity Holders	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	
	Number of Bids	49	49	49	49	49	49	49	50	50	50	50	50	50	50	50	50	50	50	50	50	49	49	49	49	49	49	49	49	49	
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	
	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	
	Number of Bids	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	
Ukraine export	Number of Capacity Traders	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 Capacity Holders	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	Number of Bids	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Ukraine import	Number of Capacity Traders	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	Number of Capacity Holders	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	Number of Bids	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	13	13	13	13	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

June 2020	Maximum	Minimum
Number of Capacity Traders	28	4
Number of Capacity Holders	16	3
Number of Bids	120	13

Public

Market for Allocation of Cross-Border Capacities



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Statistics on Daily Auctions

June 2020		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	9	8	7	9	8	9	9	8	8	8	8	8	8	8	8	8	7	7	8	8	9	8	7	8	7	9	9	8	9	8
	Maximum Number of Capacity Holders	8	8	6	8	7	7	8	8	7	7	8	7	8	7	7	8	7	7	7	7	8	7	6	7	6	8	7	7	7	7
	Maximum Number of Bids	34	20	29	35	36	39	33	31	34	33	33	34	34	33	33	33	29	29	35	35	30	32	30	30	28	36	37	35	34	33
Serbia Import	Maximum Number of Capacity Traders	9	9	11	10	9	9	8	8	9	11	11	11	10	9	10	9	8	8	9	9	9	9	7	7	8	9	8	8	9	8
	Maximum Number of Capacity Holders	7	7	7	8	7	7	7	7	8	9	9	9	9	8	8	8	7	7	8	8	6	7	5	5	6	6	6	5	6	6
	Maximum Number of Bids	39	26	40	35	38	40	36	35	41	43	43	47	42	36	38	33	34	34	37	42	34	37	31	33	29	38	33	35	38	37
Bulgaria Export	Maximum Number of Capacity Traders	16	16	15	16	14	16	14	14	15	16	16	16	16	16	16	16	15	14	15	15	12	14	15	15	15	15	14	13	15	14
	Maximum Number of Capacity Holders	14	16	15	16	14	15	13	13	14	14	14	15	15	13	15	15	14	13	14	15	12	14	14	14	13	14	13	12	14	13
	Maximum Number of Bids	38	35	32	32	29	33	36	34	31	33	35	33	33	34	33	32	29	29	30	34	27	32	33	33	32	33	33	30	33	34
Bulgaria Import	Maximum Number of Capacity Traders	16	15	15	17	16	17	15	15	16	16	15	17	16	17	17	18	16	17	18	17	15	15	15	15	15	16	15	16	16	15
	Maximum Number of Capacity Holders	15	13	14	15	15	16	14	13	12	12	11	12	13	12	12	15	14	15	15	15	14	14	14	14	14	15	14	15	15	14
	Maximum Number of Bids	36	39	41	42	42	39	43	40	40	42	40	38	44	39	40	51	41	48	39	43	43	46	41	39	36	37	37	31	32	31

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

Statistics on Intraday Auctions

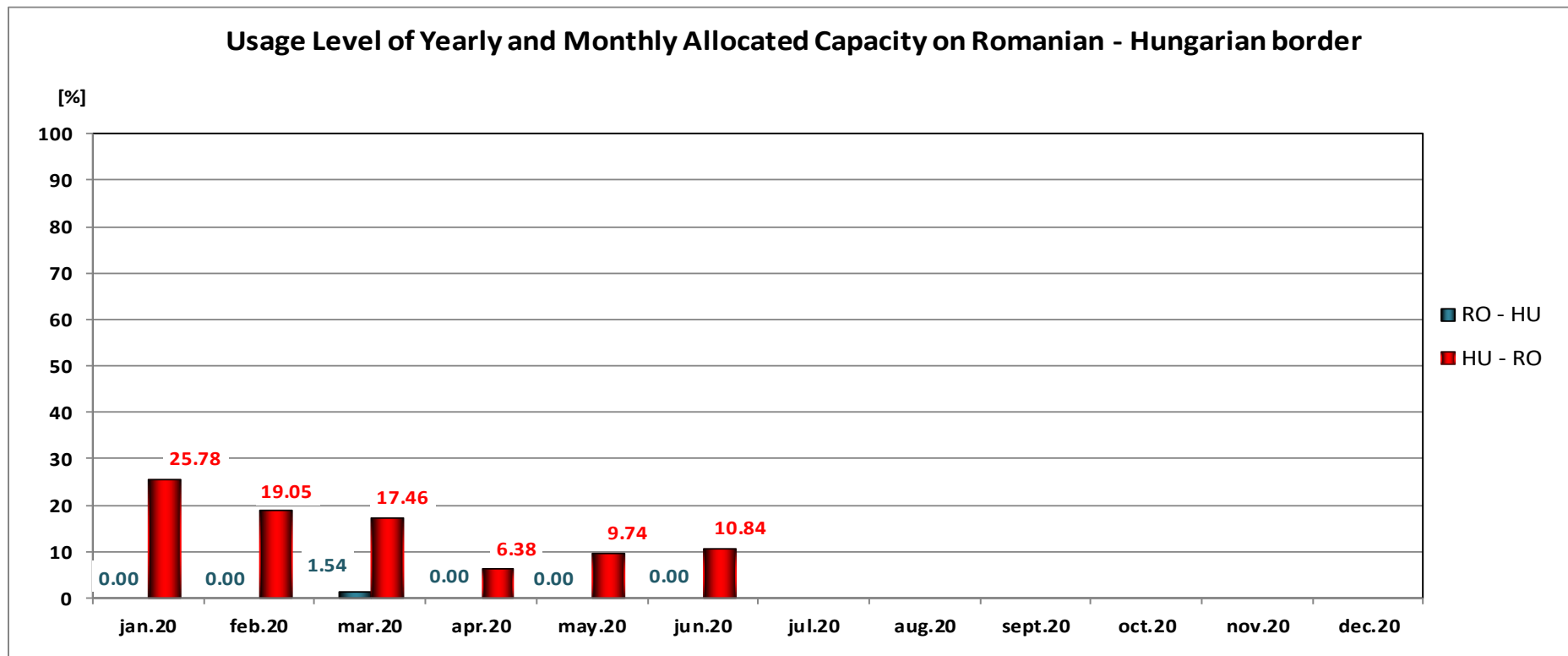
June 2020	Intraday Auctions	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Serbia Export	Maximum Number of Capacity Traders	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Maximum Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Serbia Import	Maximum Number of Capacity Traders	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
	Maximum Number of Capacity Holders	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	

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

Note: Due to technical issues on Serbian IT platform, intraday auctions were canceled for 29.06.2020, session 5, and 30.06.2020, session 1 and 2.

Long term Auction on Romanian – Hungarian border

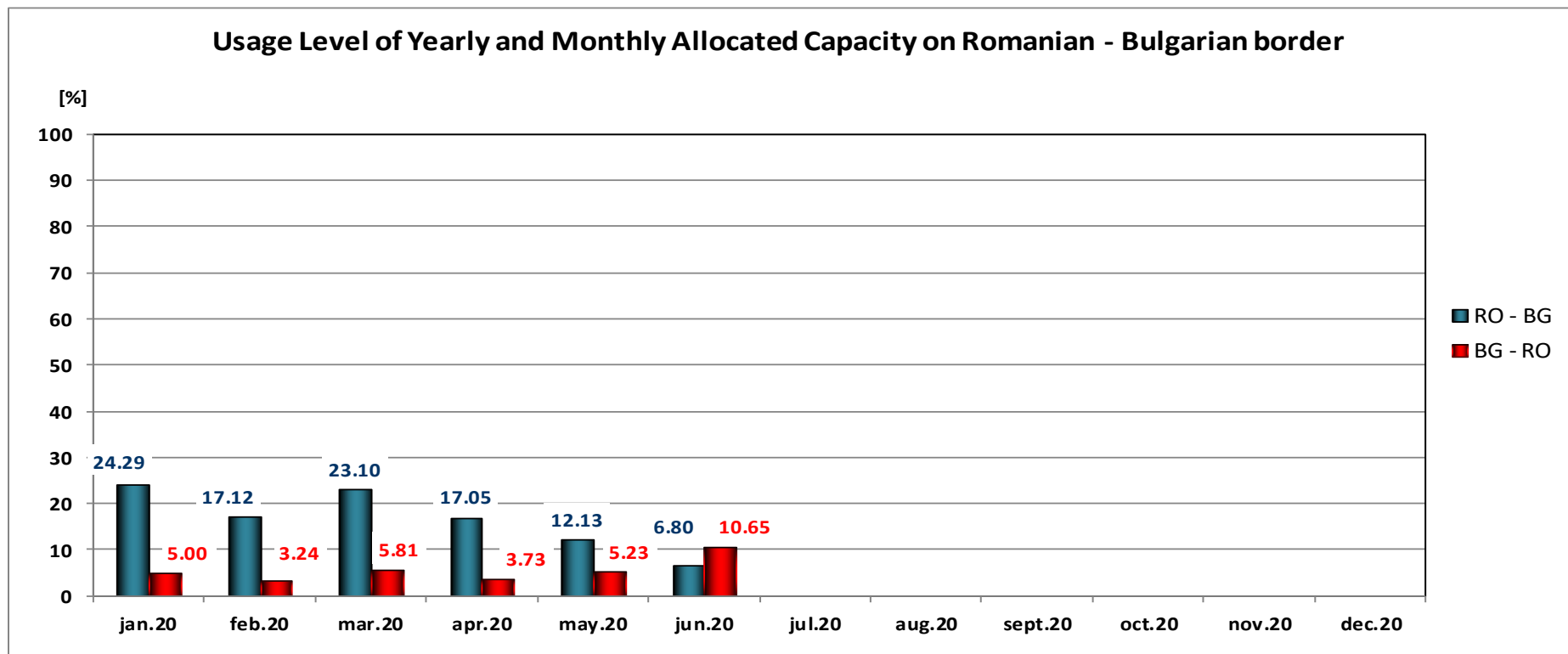
Usage Level of Allocated Capacity



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 after returns.

From the beginning of the year, the average values (arithmetic) of usage level are: 0.26% on export direction and 14.87% on import direction.

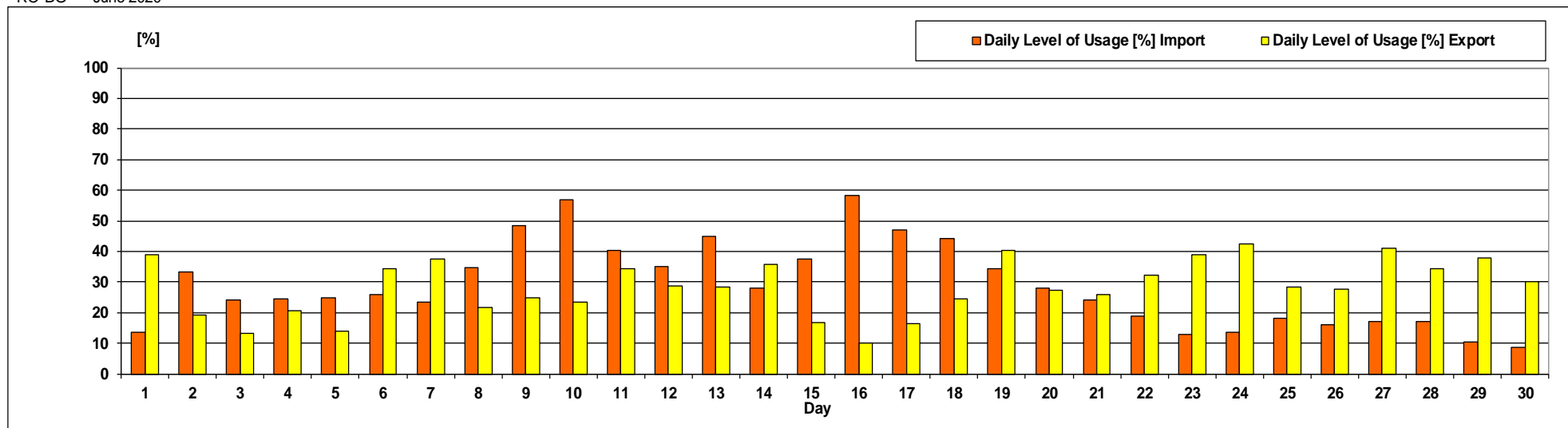


CET

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 after returns.

From the beginning of the year, the average values (arithmetic) of usage level are: 16.75% on export direction and 5.61% on import direction.

RO-BG June 2020

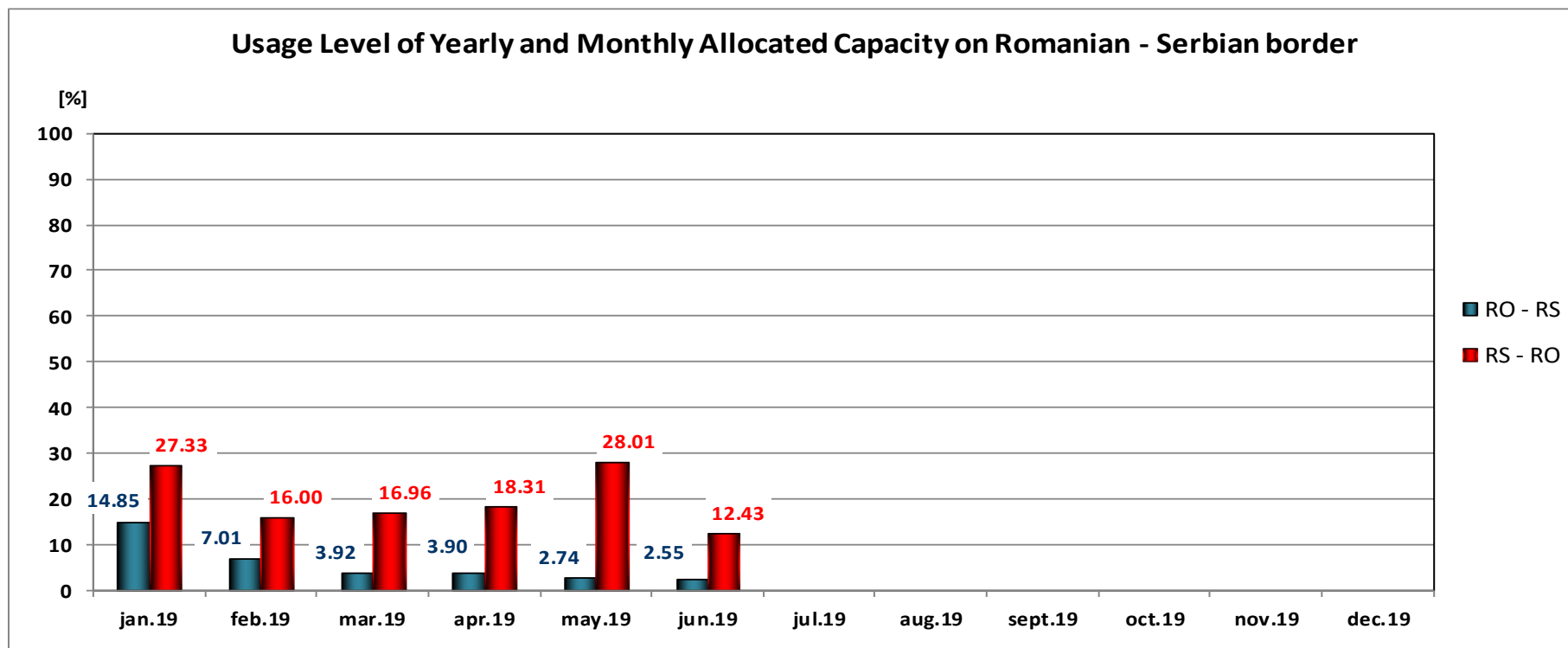


Daily Level of Usage [%]

June 2020	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	13.39	33.34	24.05	24.35	24.72	25.91	23.39	34.51	48.31	57.01	40.36	35.16	44.76	27.95	37.46	58.34	46.87	44.12	34.23	28.02	24.00	18.93	12.80	13.49	18.05	15.89	16.96	16.99	10.46	8.80
Export	38.89	19.31	13.28	20.73	13.85	34.26	37.48	21.55	24.74	23.58	34.16	28.75	28.20	35.66	16.82	10.08	16.27	24.60	40.41	27.27	25.91	32.15	38.81	42.48	28.22	27.60	41.05	34.34	38.02	30.15

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 26.40 [%]
- Export 28.75 [%]



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 after returns.

From the beginning of the year, the average values (arithmetic) of usage level are: 5.83% on export direction and 19.84% on import direction.



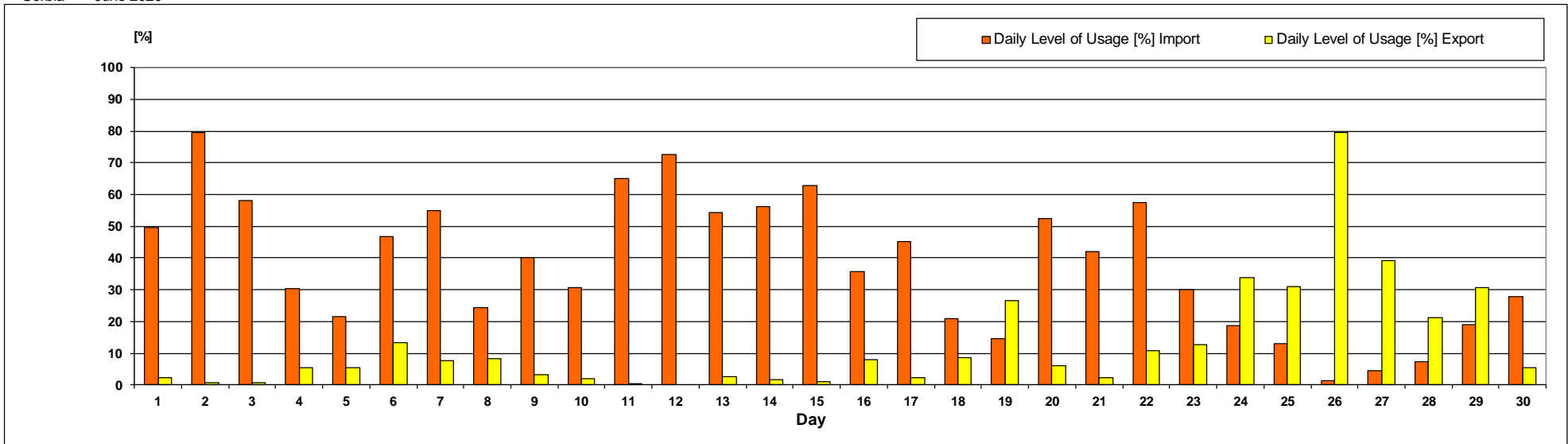
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Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Usage Level of Daily Allocated Capacity

Serbia June 2020



Daily Level of Usage [%]

June 2020	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	49.60	79.68	58.09	30.29	21.53	46.67	55.01	24.25	40.12	30.56	65.20	72.73	54.43	56.25	62.92	35.82	45.08	21.01	14.67	52.56	41.89	57.57	29.92	18.62	13.05	1.35	4.60	7.33	19.01	27.74
Export	2.22	0.60	0.71	5.34	5.34	13.45	7.62	8.23	3.35	2.15	0.22	0.00	2.77	1.63	0.94	7.90	2.15	8.64	26.45	6.21	2.26	10.75	12.61	33.79	31.12	79.48	39.34	21.29	30.76	5.36

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 38.35 [%]
- Export 11.42 [%]



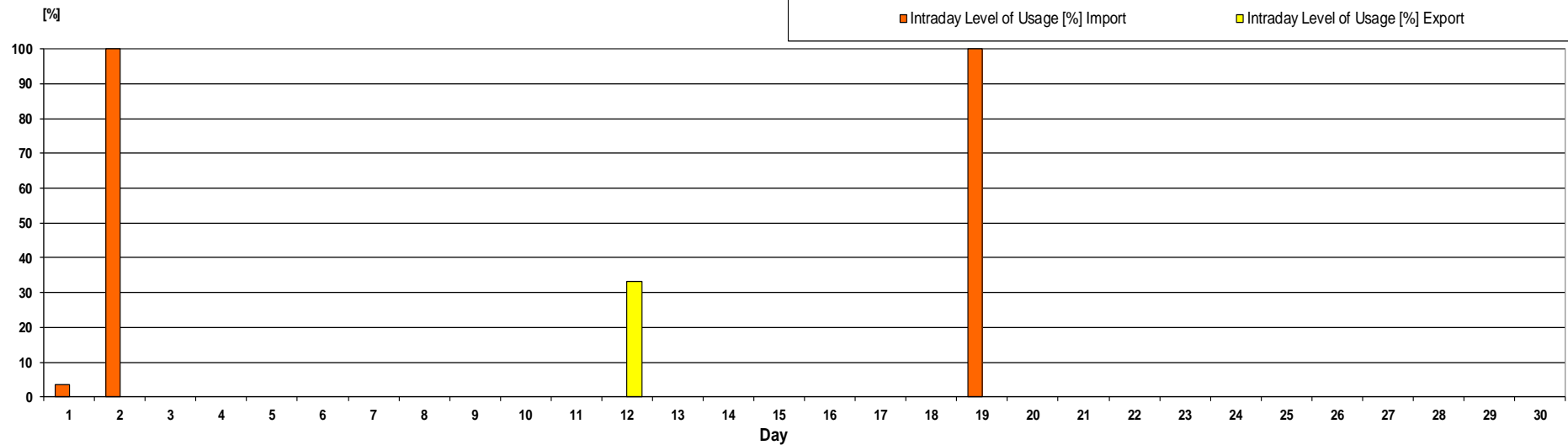
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Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Serbian border

Usage Level of Intraday Allocated Capacity

Serbia June 2020

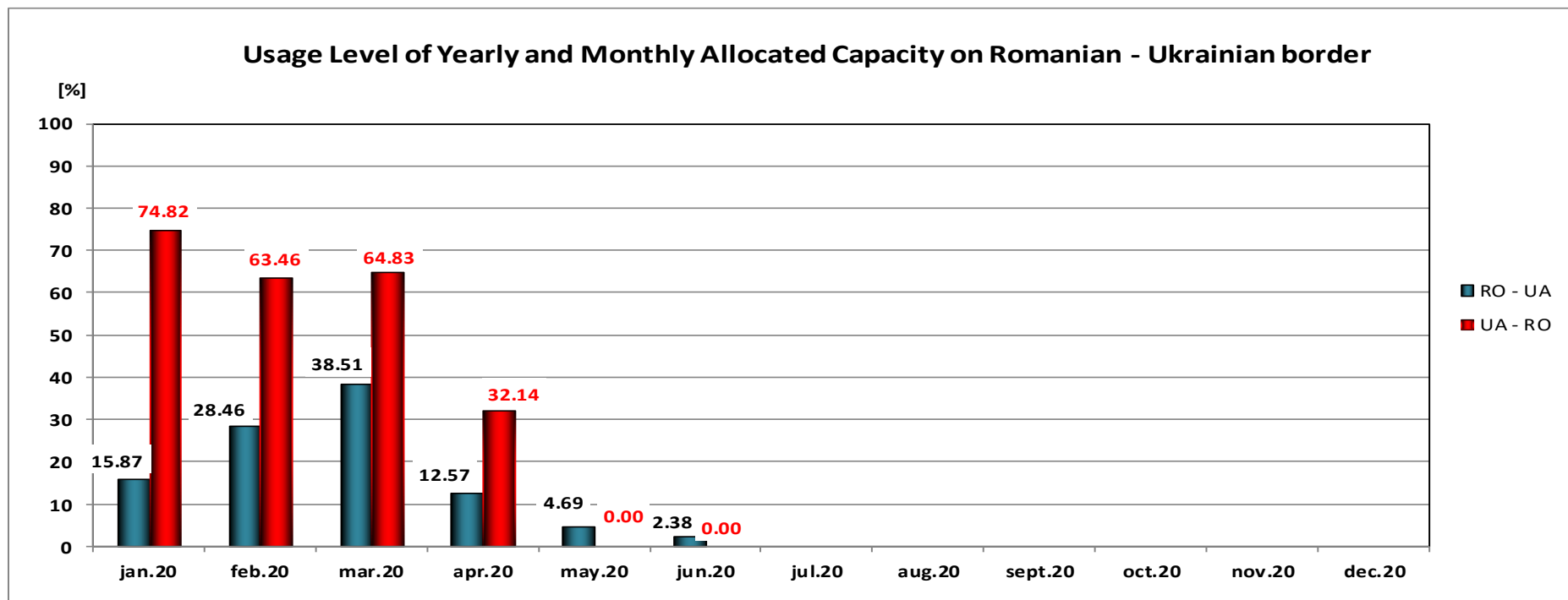


Intraday Level of Usage [%]

June 2020	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	3.56	100.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.00	-	-	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-	-	-	33.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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 18.26 [%]
- Export 38.33 [%]



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: 17.08% on export direction and 39.21% on import direction.

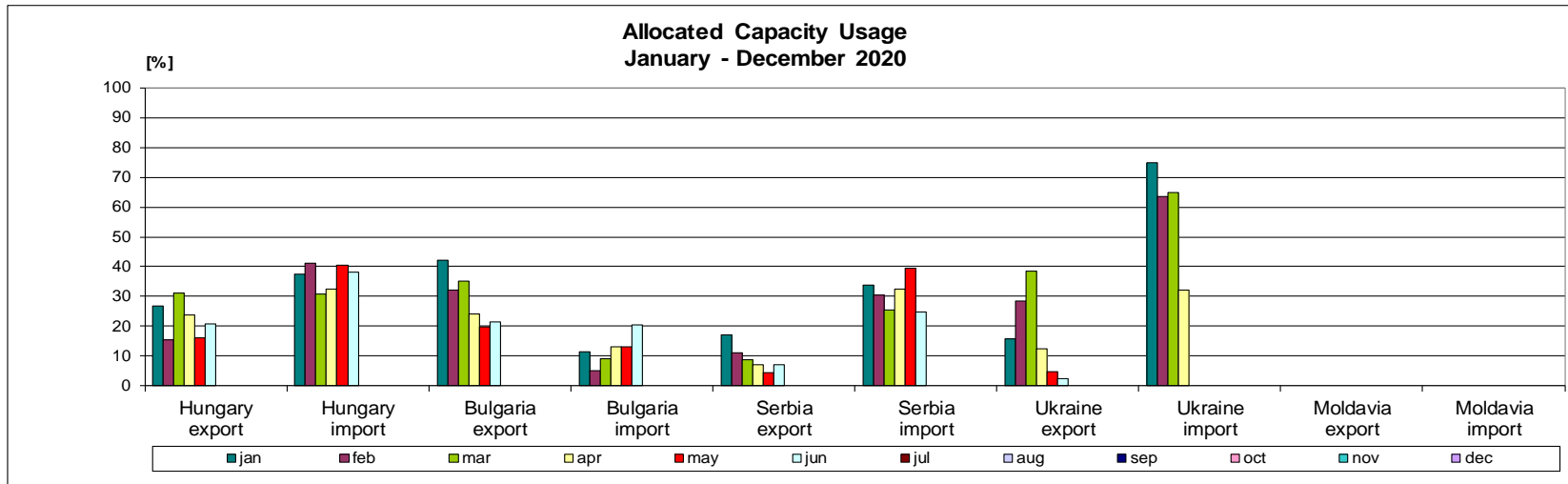
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Usage level of capacity rights



The level of usage of total capacity rights on one border and direction represent the percentage ratio between the energy associated with the commercial transactions, nominated during a month, and the energy associated with the total capacity rights.

[%]	Hungary export	Hungary import	Bulgaria export	Bulgaria import	Serbia export	Serbia import	Ukraine export	Ukraine import	Moldavia export	Moldavia import
jan	26.94	37.53	42.28	11.32	17.26	33.77	15.87	74.82	-	-
feb	15.52	41.05	32.10	5.03	10.98	30.55	28.46	63.46	-	-
mar	31.14	30.89	35.00	9.22	8.67	25.55	38.51	64.83	-	-
apr	23.90	32.60	24.14	13.12	7.09	32.47	12.57	32.14	-	-
may	16.05	40.59	19.79	13.25	4.42	39.40	4.69	0.00	-	-
jun	20.64	38.30	21.43	20.52	7.15	24.72	2.38	0.00	-	-
jul										
aug										
sep										
oct										
nov										
dec										
average	22.36	36.83	29.12	12.08	9.26	31.08	17.08	39.21	-	-

Type B

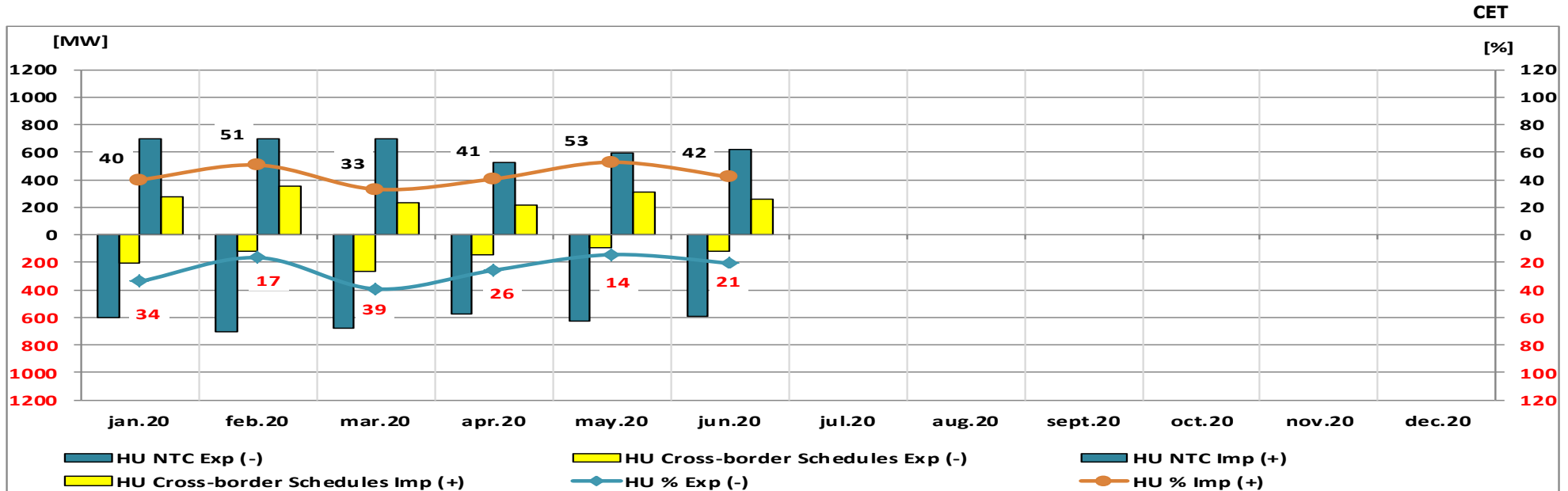
In June 2020, it was noticed a low level of capacity usage. The highest level of usage was on import direction from Hungary.



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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Hungarian border



Hungary (monthly averages values, MW)	jan.20	feb.20	mar.20	apr.20	may.20	jun.20	jul.20	aug.20	sept.20	oct.20	nov.20	dec.20	sum
HU NTC Exp (-)	-600	-700	-675	-573	-626	-592							-3766
HU Cross-border Schedules Exp (-)	-203	-116	-265	-147	-90	-122							-943
HU NTC Imp (+)	700	700	701	523	595	620							3839
HU Cross-border Schedules Imp (+)	280	355	232	213	315	260							1655

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: 25.04% on export direction and 43.24% on import direction.

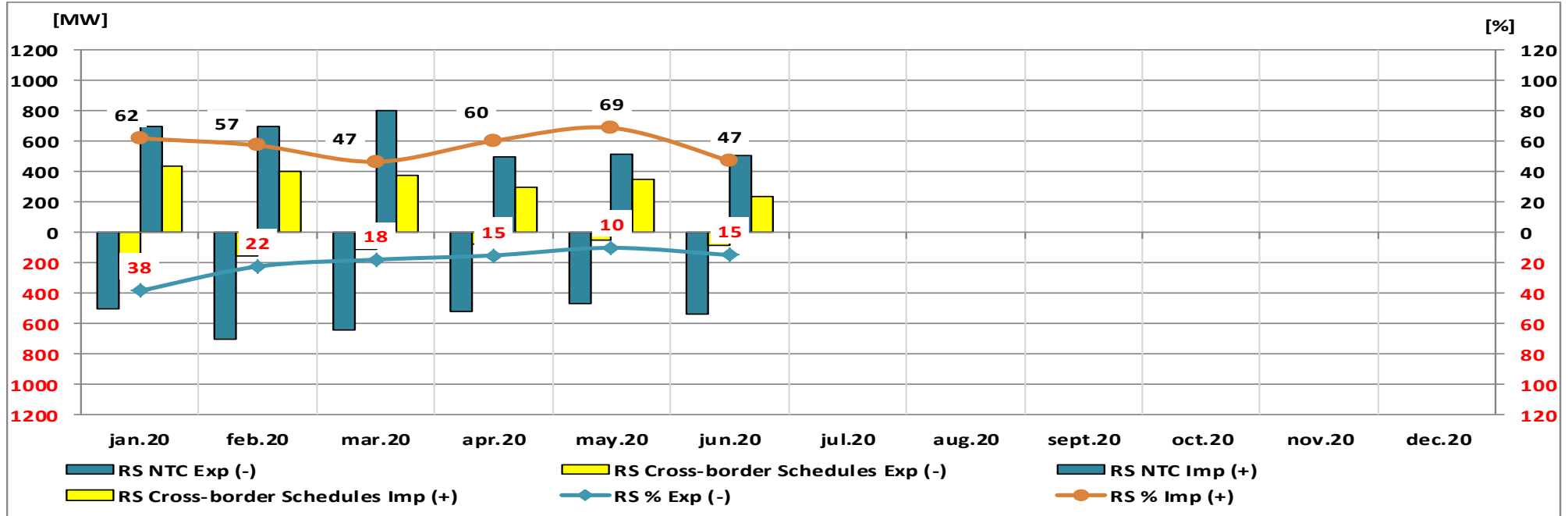


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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Serbian border

CET



Serbia (monthly averages values, MW)	jan.20	feb.20	mar.20	apr.20	may.20	jun.20	jul.20	aug.20	sept.20	oct.20	nov.20	dec.20	sum
RS NTC Exp (-)	-500	-700	-640	-522	-468	-540							-3369
RS Cross-border Schedules Exp (-)	-192	-156	-114	-78	-47	-80							-666
RS NTC Imp (+)	700	700	801	495	513	510							3719
RS Cross-border Schedules Imp (+)	435	401	373	299	353	240							2101

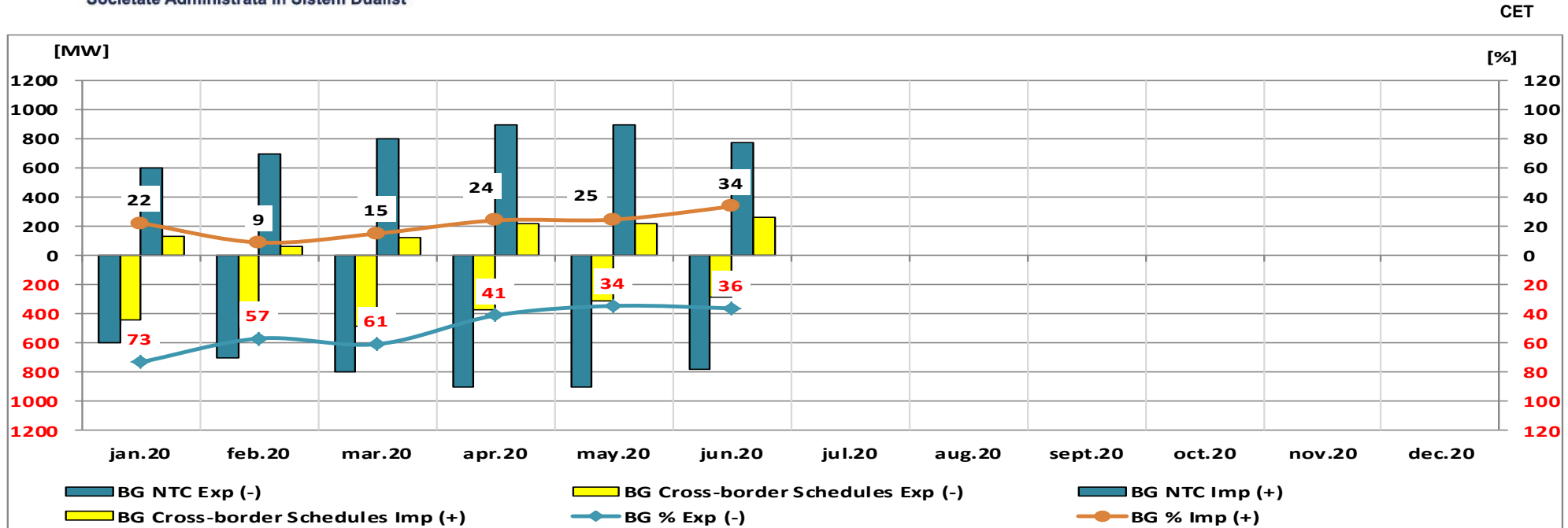
The level of usage was calculated as ratio between total cross-border schedules (capacity nominated on long and short term) and NTC. From the beginning of the year, the average values (arithmetic) of usage level are: 19.7% on export direction and 57.04% on import direction.



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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Bulgarian border



Bulgaria (monthly averages values, MW)	jan.20	feb.20	mar.20	apr.20	may.20	jun.20	jul.20	aug.20	sept.20	oct.20	nov.20	dec.20	sum
BG NTC Exp (-)	-600	-700	-801	-900	-900	-780							-4681
BG Cross-border Schedules Exp (-)	-438	-398	-487	-369	-310	-282							-2284
BG NTC Imp (+)	600	700	801	900	900	780							4681
BG Cross-border Schedules Imp (+)	134	63	122	218	223	264							1024

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: 50.38% on export direction and 21.56% on import direction.

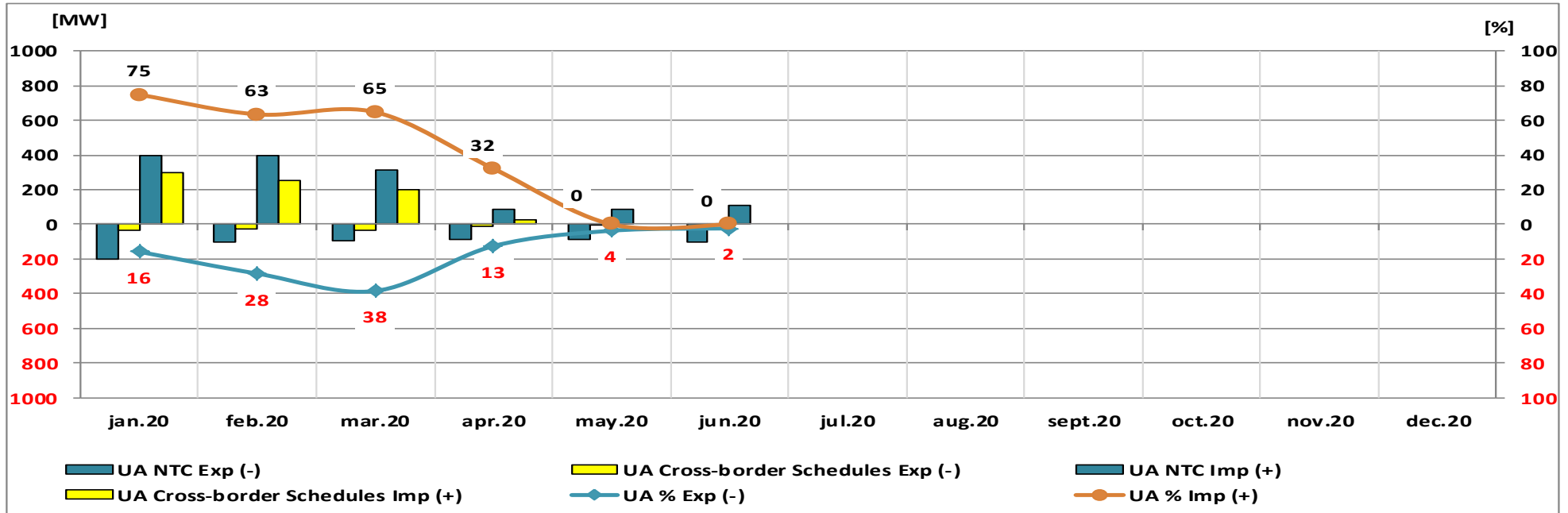


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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Ukrainian border

CET



Ukraine (monthly averages values, MW)	jan.20	feb.20	mar.20	apr.20	may.20	jun.20	jul.20	aug.20	sept.20	oct.20	nov.20	dec.20	sum
UA NTC Exp (-)	-200	-100	-94	-90	-84	-100							-668
UA Cross-border Schedules Exp (-)	-31.7	-28.5	-36.0	-11.3	-3.1	-2.4							-113
UA NTC Imp (+)	400	400	310	90	85	108							1394
UA Cross-border Schedules Imp (+)	299	254	201	29	0	0							783

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: 16.91% on export direction and 39.19% on import direction.

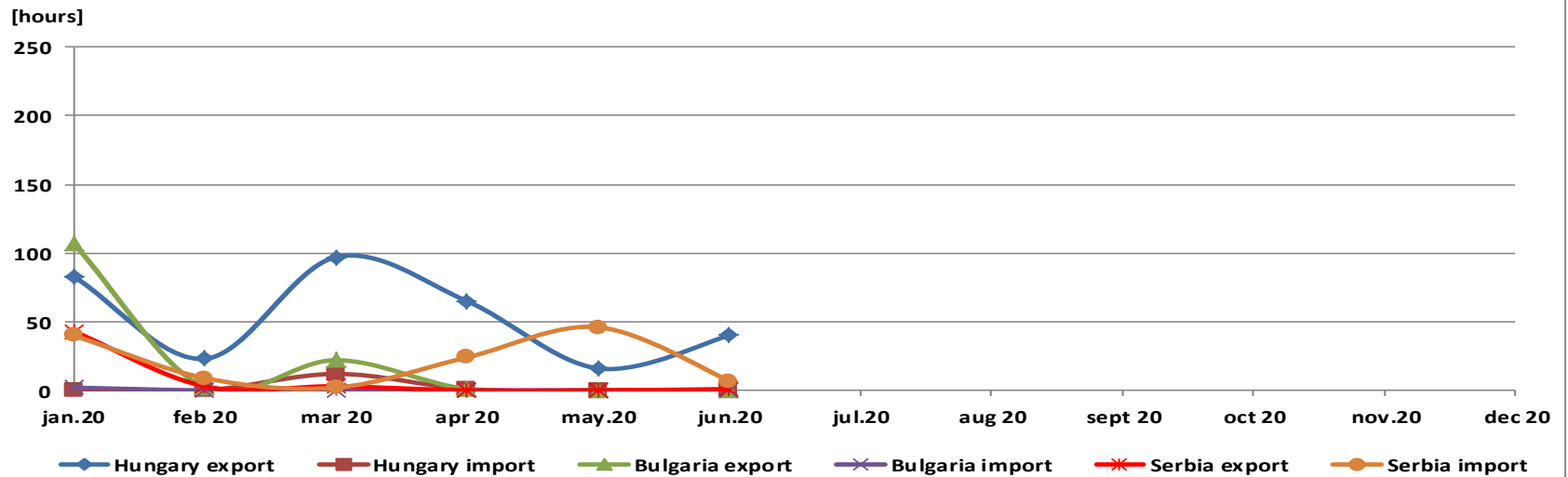


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Market for Allocation of Cross-Border Capacities

Maximization of NTC Usage

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



Number of hours	jan.20	feb.20	mar.20	apr.20	may.20	jun.20	jul.20	aug.20	sept.20	oct.20	nov.20	dec.20
Hungary export	83	23	97	65	16	40						
Hungary import	0	0	12	1	0	0						
Bulgaria export	107	2	22	1	0	0						
Bulgaria import	2	0	0	0	0	0						
Serbia export	43	3	3	0	0	1						
Serbia import	40	9	2	24	46	7						

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

June 2020

Border	Auction												Total		
	Yearly			Monthly			Daily			Intraday			C1 [%]	C3 [%]	HHI
	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI			
Hungary import	28.57	57.43	1565	27.03	61.62	1692	-	-	-	-	-	-	18.69	45.42	1079
Hungary export	27.51	55.87	1432	44.17	70.00	2517	-	-	-	-	-	-	20.90	50.32	1104
Bulgaria import	36.00	56.00	1769	30.36	69.29	1813	17.69	48.29	1126	-	-	-	15.83	44.24	934
Bulgaria export	22.09	56.63	1517	28.67	55.56	1400	20.65	51.88	1269	-	-	-	15.77	38.72	804
Serbia import	20.00	56.00	1522	28.90	72.99	2003	27.66	71.59	2026	65.33	99.33	4858	24.02	56.10	1408
Serbia export	30.40	68.00	1899	20.41	56.41	1534	22.76	66.80	1939	100.00	100.00	10000	21.77	52.16	1278
Ukraine import	-	-	-	45.38	100.00	3708	-	-	-	-	-	-	45.38	100.00	3708
Ukraine export	-	-	-	50.00	100.00	3950	-	-	-	-	-	-	50.00	100.00	3950
Moldavia import	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note:

- On the Hungarian border the implicit daily allocation is done through the market coupling mechanism of CZ-SK-HU day-ahead electricity markets (starting with 20.11.2014) and implicit intraday allocation is organized due to the integration of Romanian intraday market in SIDC - Single Intra-Day Market (starting with 20.11.2019).
- On the Bulgarian border implicit intraday allocation is organized due to the integration of Romanian intraday market in SIDC (Single Intra-Day Market) (starting with 20.11.2019).



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