



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Market for Allocation of Cross-Border Capacities

May 2022

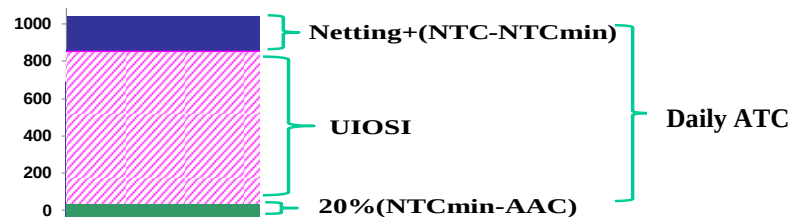
ANRE - Romanian Energy Regulatory Authority
HHI - Herfindahl-Hirschman Index
BRP - Balance Responsible Party
BM - Balancing Market
DAM - Day Ahead Market
TSO - Transmission System Operator
DU – Dispatchable Unit
PN – Physical Notification
NDC - National Dispatching Center
C1 – The market share of the 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**

- For year 2022 :

- ✓ on the Bulgarian border, the daily allocation is of implicit type as a result of the integration of RO – BG border in Single Day-Ahead Market Coupling (SDAC). In case of decoupling, the Joint Allocation Office (JAO) is the organizer of the explicit daily auctions (shadow auctions) for RO – BG border. Implicit intraday allocation with continuous trading is organized on the Bulgarian border, as a result of 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.
- ✓ on the Hungarian border, the daily allocation is of implicit type as a result of the integration of RO – HU border in Single Day-Ahead Market Coupling (SDAC). In case of decoupling, the Joint Allocation Office (JAO) is the organizer of the explicit daily auctions (shadow auctions) for RO-HU border. Implicit intraday allocations are held with continuous trading, as a result of the integration of Romanian intraday market in SIDC (Single Intra-Day Market). On this border the 15 minutes cross-border product is available. In the event of decoupling, no explicit intraday auctions are organized on RO – HU border.
- ✓ on the Serbian border, the bilateral coordinated allocation is done for 100% of total capacity: daily auctions are held by EMS (Serbia) and long term and intraday auctions are held by Transelectrica. 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 “netting” is applied to daily and intraday allocation.
- ✓ 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 Romanian – Bulgarian, Romanian – Serbian and Romanian – Hungarian borders, the physical transmission rights are used in accordance with „m:n” nomination principle, for all time horizons;
- Daily auction results on the Serbian border (auction prices, allocated capacities) are provided by the Serbian TSO and long term auction results on the Hungarian and Bulgarian borders are provided by JAO;
- Monthly auctions for May were held as:
 - ✓ import/export Hungary*, import*/export Bulgaria, during the period 01 – 31.05.2022;
 - ✓ import Serbia, during the periods 01 – 03.05.2022; 04 – 13.05.2022; 14 – 24.05.2022; 25 – 31.05.2022;
 - ✓ export Serbia, during the periods 01 – 17.05.2022; 18 – 20.05.2022; 21 – 31.05.2022.
- Due to the conflict situation in Ukraine, no monthly capacity auctions were organized for May.

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

Monthly auction Results of 01 – 31 May 2022

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Allocated	Final Rights*
Hungary export										
01 - 17 May 2022	8.66	800	700	350	350	25	145	2386	145	470
18 May 2022	8.66	600	500	150	350	25	145	2386	145	470
19 - 24 May 2022	8.66	800	700	350	350	25	145	2386	145	470
25 - 31 May 2022	8.66	700	600	250	350	25	145	2386	145	470
Hungary import										
01 - 17 May 2022	2.56	800	700	350	350	100	220	2812	220	470
18 May 2022	2.56	600	500	150	350	100	220	2812	220	470
19 - 31 May 2022	2.56	800	700	350	350	100	220	2812	220	470
Bulgaria export										
01 - 24 May 2022	0.50	1350	1250	750	500	0	600	2852	600	1100
25 - 30 May 2022	0.50	1100	1000	500	500	0	400	2852	395	895
31 May 2022	0.50	1200	1100	600	500	0	600	2852	600	1100
Bulgaria import										
01 - 08 May 2022	3.69	1350	1250	750	500	0	400	2359	400	900
09 - 24 May 2022	3.69	1600	1500	1000	500	0	400	2359	400	900
25 - 31 May 2022	3.69	1100	1000	500	500	0	400	2359	400	900

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.

Monthly auction Results of 01 – 31 May 2022

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Alocated	Final Rights*
Serbia export										
01 - 17 May 2022	5.10	500	400	150	250	-	150	814	150	400
18 - 20 May 2022	4.37	550	450	200	250	-	200	936	200	450
21 - 31 May 2022	5.31	500	400	150	250	-	150	854	150	400
Serbia import										
01 - 03 May 2022	0.35	700	600	350	250	-	350	787	350	600
04 - 13 May 2022	0.67	600	500	250	250	-	250	717	250	500
14 - 24 May 2022	0.35	750	650	400	250	-	400	847	400	650
25 - 31 May 2022	0.88	500	400	150	250	-	150	636	150	400
Ukraine export										
01 - 31 May 2022	-	0	0	-	-	-	-	-	-	-
Ukraine import										
01 - 31 May 2022	-	0	0	-	-	-	-	-	-	-
Moldavia export										
01 - 31 May 2022	-	-	-	-	-	-	-	-	-	-
Moldavia import										
01 - 31 May 2022	-	-	-	-	-	-	-	-	-	-
RO_Vulcanesti	-	-	-	-	-	-	-	-	-	-
01 - 31 May 2022	-	-	-	-	-	-	-	-	-	-
RO_Costesti	-	-	-	-	-	-	-	-	-	-
01 - 31 May 2022	-	-	-	-	-	-	-	-	-	-
RO_Cioara	-	-	-	-	-	-	-	-	-	-

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.

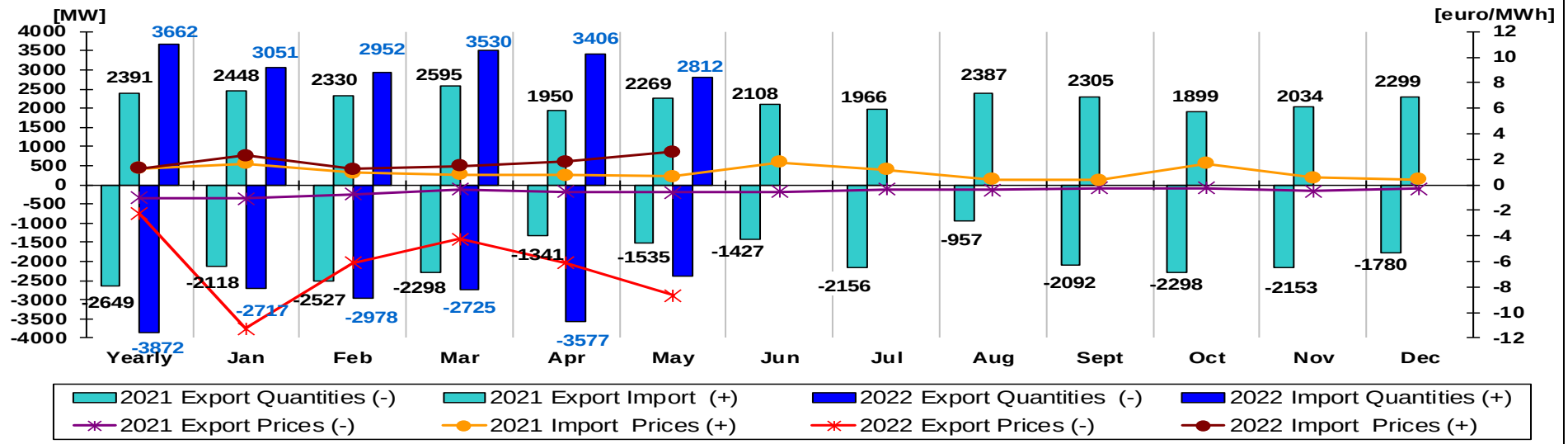


Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

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



Border	Yearly	Jan. 22	Feb.22	Mar.22	Apr.22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Oct. 22	Nov.22	Dec. 22
Hungary export	2.27	11.27	6.11	4.26	6.10	8.66							
Hungary import	1.28	2.29	1.23	1.50	1.82	2.56							

Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Hungary export	1.03	1.05	0.72	0.33	0.54	0.58	0.53	0.33	0.40	0.25	0.25	0.49	0.29
Hungary import	1.28	1.67	0.96	0.78	0.77	0.64	1.77	1.18	0.43	0.38	1.67	0.55	0.44

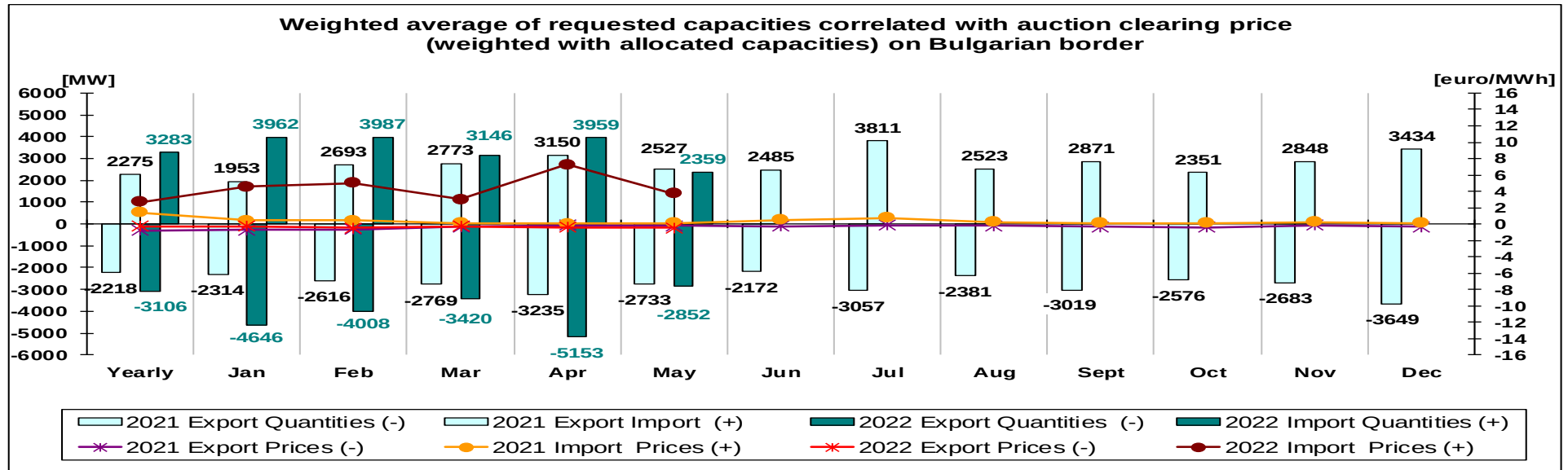
- Compared with previous year, in May 2022 there was a significant increase in the auction price on export direction, while offered capacity was lower and requested capacity was higher. On import direction, monthly auction price increased compared with similar period of previous year, while offered capacity was lower and requested capacity was higher.



Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities



Border	Yearly	Jan. 22	Feb.22	Mar.22	Apr.22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Oct. 22	Nov.22	Dec. 22
Bulgaria export	0.30	0.29	0.49	0.28	0.41	0.50							
Bulgaria import	2.71	4.56	5.00	3.02	7.29	3.69							

Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Bulgaria export	0.77	0.71	0.68	0.35	0.18	0.19	0.25	0.14	0.20	0.33	0.38	0.18	0.32
Bulgaria import	1.43	0.41	0.40	0.09	0.07	0.09	0.51	0.73	0.24	0.14	0.12	0.21	0.14

- Compared with previous year, in May 2022 the auction price slightly increased 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.

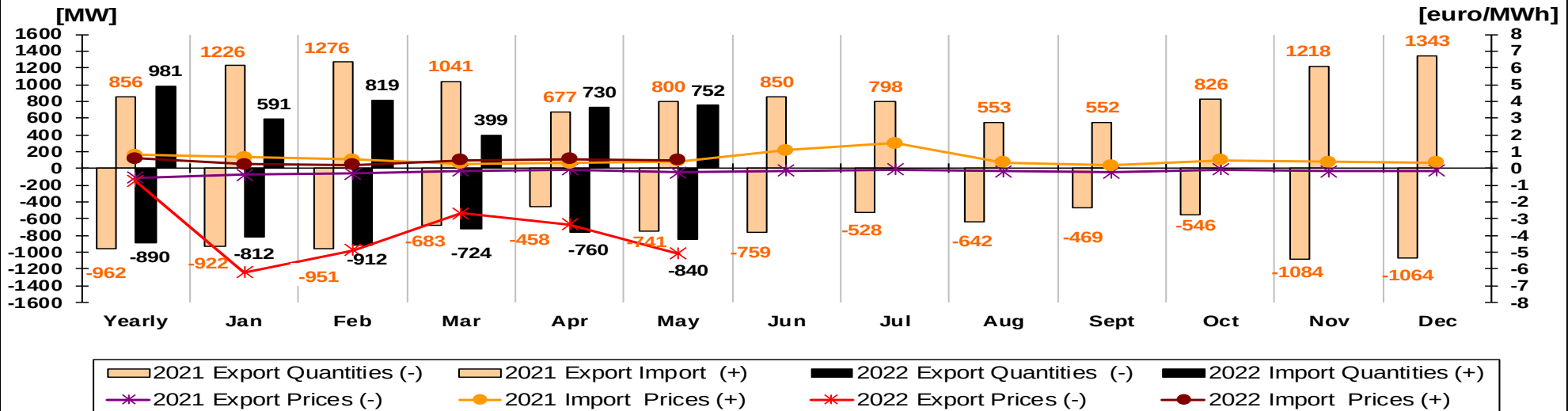


Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

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

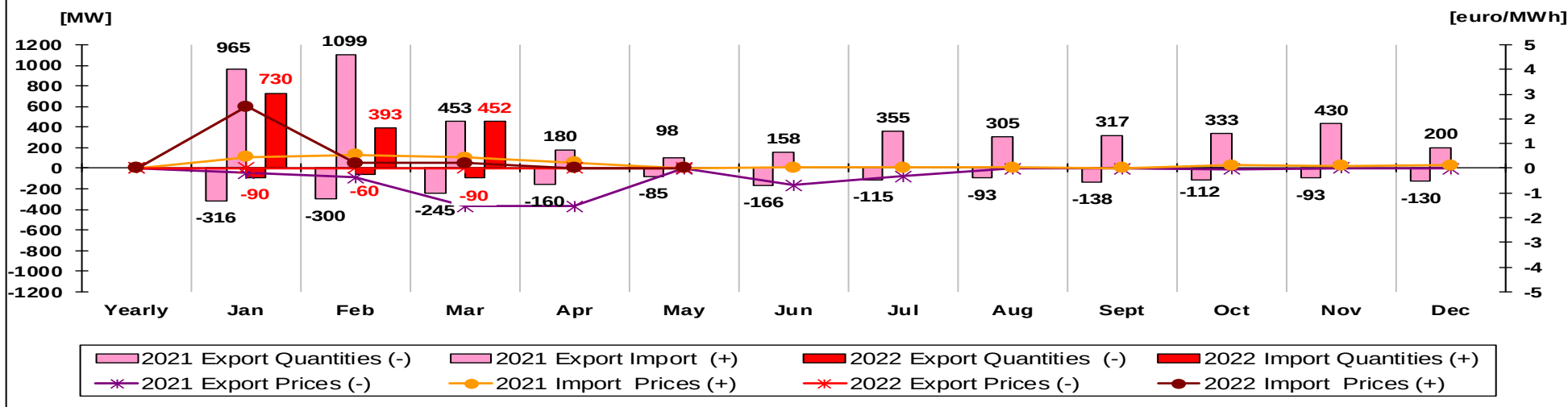


Border	Yearly	Jan. 22	Feb.22	Mar.22	Apr.22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Oct. 22	Nov.22	Dec. 22
Serbia export	0.74	6.20	4.87	2.67	3.34	5.08							
Serbia import	0.60	0.25	0.21	0.48	0.56	0.50							

Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Serbia export	0.56	0.36	0.32	0.13	0.07	0.24	0.12	0.05	0.16	0.22	0.07	0.16	0.13
Serbia import	0.82	0.66	0.52	0.29	0.32	0.43	1.08	1.50	0.35	0.17	0.51	0.41	0.37

- Compared with previous year, in May 2022 the auction price increased significantly on export direction, while offered capacity was lower and requested capacity was higher. On import direction monthly auction price maintained low, while offered capacity was higher and requested capacity was lower.

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

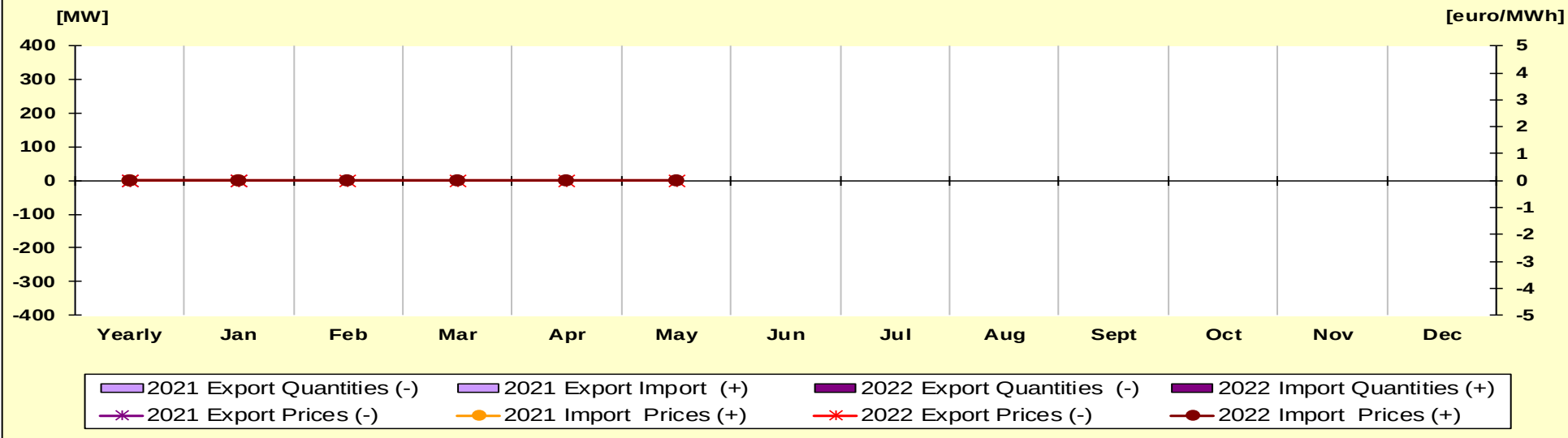


Border	Yearly	Jan. 22	Feb.22	Mar.22	Apr.22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Oct. 22	Nov.22	Dec. 22
Ukraine export	-	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-
Ukraine import	-	2.50	0.20	0.22	-	-	-	-	-	-	-	-	-

Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Ukraine export	-	0.20	0.37	1.55	1.55	0.02	0.69	0.32	0.01	0.02	0.04	0.00	0.02
Ukraine import	-	0.45	0.55	0.44	0.23	0.02	0.03	0.02	0.02	0.02	0.12	0.09	0.11

- In May 2022, no monthly auctions were held on Ukrainian border.

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



Border	Yearly	Jan. 22	Feb.22	Mar.22	Apr.22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Oct. 22	Nov.22	Dec. 22
Moldavia export	-	-	-	-	-	-							
Moldavia import	-	-	-	-	-	-							

Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Moldavia export	-	-	-	-	-	-	-	-	-	-	-	-	-
Moldavia import	-	-	-	-	-	-	-	-	-	-	-	-	-

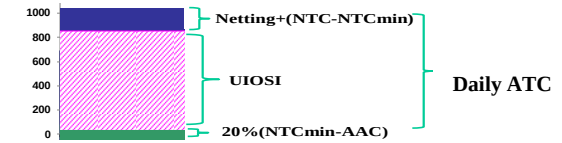


Transelectrica®
Societate Administrată în Sistem Dualist

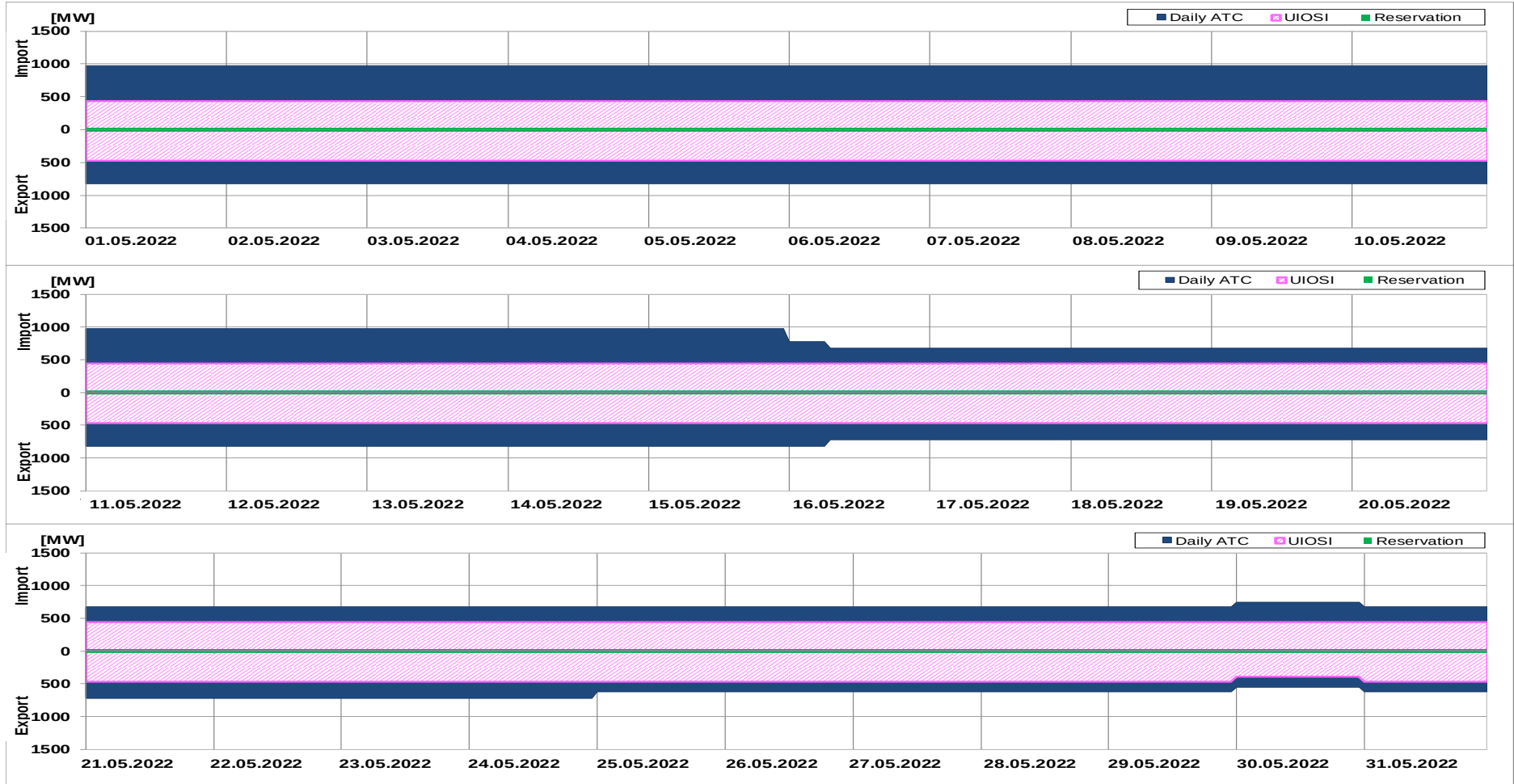
Market for Allocation of Cross-Border Capacities

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
30	30	463	441



Hungary May 2022



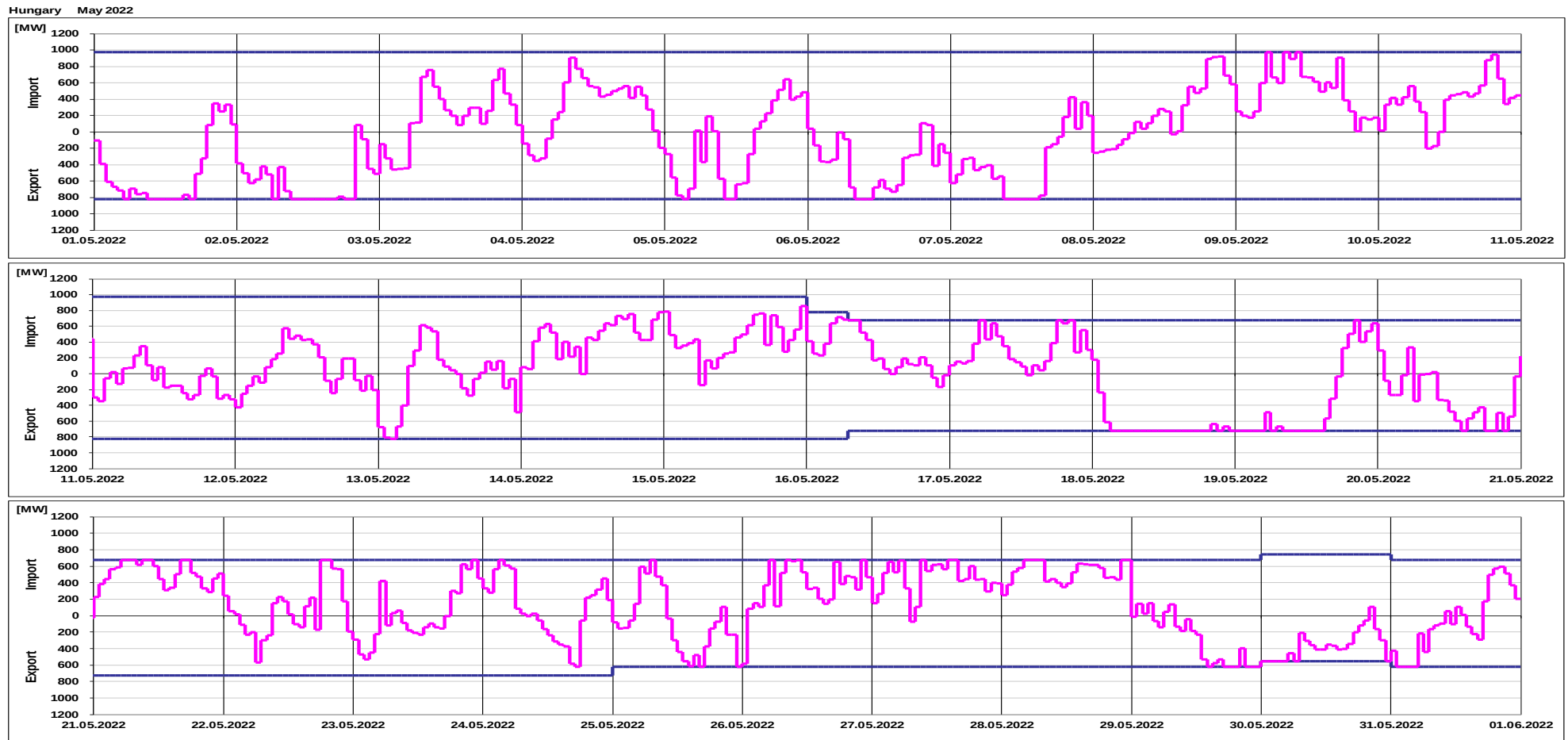


Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Hungarian border



Offered Capacity on Daily Auction [MW]

Net Position Border RO – HU [MW]

Public



Transelectrica®
Societate Administrată în Sistem Dualist

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	206.00	199.70	197.56	192.20	197.43	154.45	195.00	194.95	186.94	142.48	138.41	138.41	138.41	138.41	138.41	138.90	154.45	187.04	215.85	249.43	254.94	243.03	239.72	215.97	254.94
2	206.46	199.87	194.69	193.76	196.34	209.96	248.88	270.00	264.57	225.97	154.44	154.41	154.41	138.41	138.41	154.41	154.44	218.72	240.43	263.30	265.41	253.52	241.11	219.92	270.00
3	184.50	182.09	184.08	185.12	187.04	191.19	236.26	255.96	255.96	232.70	206.07	200.24	198.06	197.29	194.89	195.54	197.99	218.99	249.96	269.94	273.04	261.77	253.21	228.94	273.04
4	206.00	200.00	200.34	201.12	201.14	224.32	256.58	296.90	280.10	255.09	227.84	214.86	209.05	206.07	202.45	200.73	206.24	233.85	249.98	275.44	305.89	263.37	246.90	232.47	305.89
5	225.20	208.44	208.12	160.13	204.90	220.77	254.96	275.06	268.02	252.96	229.72	225.43	225.10	215.04	210.90	220.06	214.96	229.00	248.73	263.00	311.24	259.96	251.84	238.52	311.24
6	220.69	213.74	207.56	204.02	206.57	219.07	255.91	274.92	257.47	223.00	187.29	208.13	207.40	191.81	190.01	187.01	192.70	211.59	239.09	256.79	262.69	255.91	247.78	235.46	274.92
7	225.12	216.94	207.36	200.01	199.50	200.10	201.78	216.28	217.04	173.15	177.41	145.66	186.55	145.52	141.45	159.17	168.22	185.30	201.62	222.74	231.57	229.00	223.12	208.38	231.57
8	208.10	193.30	191.92	186.01	182.98	186.06	184.97	185.93	183.62	163.45	140.33	123.17	128.06	92.66	85.35	93.26	113.60	155.80	196.04	234.60	259.25	242.94	225.91	217.90	259.25
9	209.08	199.21	196.07	191.11	193.68	225.26	247.69	288.13	273.30	219.21	227.26	195.22	188.71	186.87	190.01	227.39	240.43	222.00	260.00	349.54	409.91	307.83	270.00	245.81	409.91
10	228.19	217.26	184.96	169.98	169.00	190.36	224.08	237.95	232.72	210.25	190.80	174.10	186.02	174.01	168.44	171.85	181.00	187.15	209.78	279.99	335.00	261.20	236.24	227.47	335.00
11	244.93	217.43	211.29	210.77	215.19	239.09	376.08	414.81	384.08	250.05	224.94	216.99	184.43	184.43	205.31	222.56	236.29	252.53	270.99	393.70	424.51	314.46	304.67	244.56	424.51
12	212.77	205.41	162.92	162.93	207.78	224.92	235.02	249.99	248.40	224.92	202.80	162.94	162.93	162.92	162.95	209.58	213.42	223.00	234.16	272.62	333.52	269.84	273.11	232.06	333.52
13	210.00	202.71	185.51	174.74	176.26	203.20	226.93	255.65	242.29	225.10	188.00	160.11	160.11	160.09	160.11	160.84	160.11	175.41	189.99	220.92	232.72	229.00	221.01	201.35	255.65
14	184.38	163.03	156.34	155.58	162.90	170.47	184.07	194.30	184.94	160.00	126.45	98.46	99.99	97.42	94.99	111.90	139.97	162.02	226.35	252.45	293.60	284.24	245.06	224.15	293.60
15	214.91	196.35	185.43	174.15	170.17	170.25	162.92	158.57	154.98	110.60	95.98	90.00	75.00	45.35	20.15	39.58	76.21	133.33	200.03	240.00	292.88	294.00	245.58	224.33	294.00
16	180.18	169.06	169.13	169.89	196.72	221.94	260.43	363.95	266.02	231.08	210.62	199.68	185.34	210.45	218.88	228.42	235.01	279.38	284.55	312.03	364.15	300.19	259.97	237.05	364.15
17	222.91	195.94	189.10	185.05	189.20	221.20	236.70	270.08	274.17	244.91	231.99	218.76	227.20	231.93	235.02	244.35	239.91	250.35	251.82	290.00	298.21	265.88	245.46	216.25	298.21
18	206.47	187.89	176.23	164.35	164.35	164.35	128.36	147.92	164.33	161.06	149.81	147.26	147.26	129.09	143.52	128.36	119.85	128.36	238.95	258.04	280.00	223.00	225.73	182.92	280.00
19	191.02	181.62	162.93	162.91	162.94	185.06	162.94	250.04	162.94	162.91	145.96	145.95	150.83	162.90	162.92	185.09	198.96	224.02	232.99	269.27	301.11	253.00	234.38	213.31	301.11
20	211.10	195.98	189.56	188.00	189.56	208.62	237.24	263.32	250.00	224.00	204.97	201.60	197.40	190.07	173.84	189.26	190.00	216.30	220.58	229.37	231.03	214.65	205.27	179.00	263.32
21	219.1	156.4	153.0	153.0	153.0	172.0	136.7	139.3	153.0	139.3	136.7	78.6	41.7	40.1	13.6	33.9	113.2	136.7	216.5	252.6	289.7	271.6	223.9	214.2	289.73
22	186.6	179.4	172.5	170.0	171.0	169.9	167.0	166.9	160.0	150.0	138.3	138.3	137.0	109.9	101.4	103.7	133.2	156.6	198.6	220.2	234.0	235.0	219.9	191.2	235.03
23	175.9	164.6	158.8	155.1	158.2	172.5	202.7	250.0	230.0	221.0	217.2	202.7	188.9	176.1	171.6	202.7	235.0	241.4	246.3	280.0	300.4	250.0	231.5	170.5	300.43
24	203.0	153.0	135.8	135.8	136.7	156.0	188.9	217.0	209.8	193.0	184.7	227.0	217.3	213.0	212.6	224.2	236.0	234.0	245.2	280.0	280.0	224.5	211.9	189.6	280.00
25	190.7	180.1	170.5	167.9	169.9	178.1	211.1	230.9	227.9	209.2	189.1	192.4	201.6	167.0	159.0	173.8	214.7	198.5	197.3	214.8	217.5	212.4	194.0	165.6	230.90
26	137.6	108.9	95.1	87.1	96.2	122.3	153.4	221.5	210.5	163.6	153.0	196.5	205.0	202.8	205.0	230.5	244.6	250.0	262.9	275.7	297.7	267.1	240.9	217.7	297.68
27	213.1	177.9	127.8	118.4	121.2	177.9	210.9	226.1	217.9	210.1	215.0	210.1	210.1	210.1	210.1	204.5	210.1	238.3	219.0	265.5	295.9	265.0	233.0	203.0	295.88
28	180.62	141.32	131.01	122.23	141.32	171.87	188.96	212.93	212.93	212.90	212.90	180.62	184.62	135.01	130.93	134.16	141.32	143.91	180.62	212.94	250.00	235.09	212.91	180.60	250.00
29	165.19	144.63	143.27	139.93	140.04	141.32	134.14	138.37	140.15	140.08	140.00	145.06	141.00	133.49	118.55	121.59	120.00	121.18	157.57	201.38	214.94	210.02	157.55	141.32	214.94
30	108.85	86.94	96.47	141.32	171.96	195.74	223.07	257.95	260.27	232.92	230.00	229.77	215.00	207.50	201.28	202.29	210.90	225.70	241.36	291.14	300.50	266.46	243.68	224.82	300.50
31	200.91	171.99	171.98	171.98	172.00	195.99	228.68	247.77	243.14	225.90	202.43	196.28	192.46	214.15	204.52	204.17	235.03	235.99	237.10	273.65	293.18	254.42	240.01	228.36	293.18

Average 202.25 EUR/MWh

RO-HU May 2022

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Hungarian border

Congestion Prices [Euro/MWh]

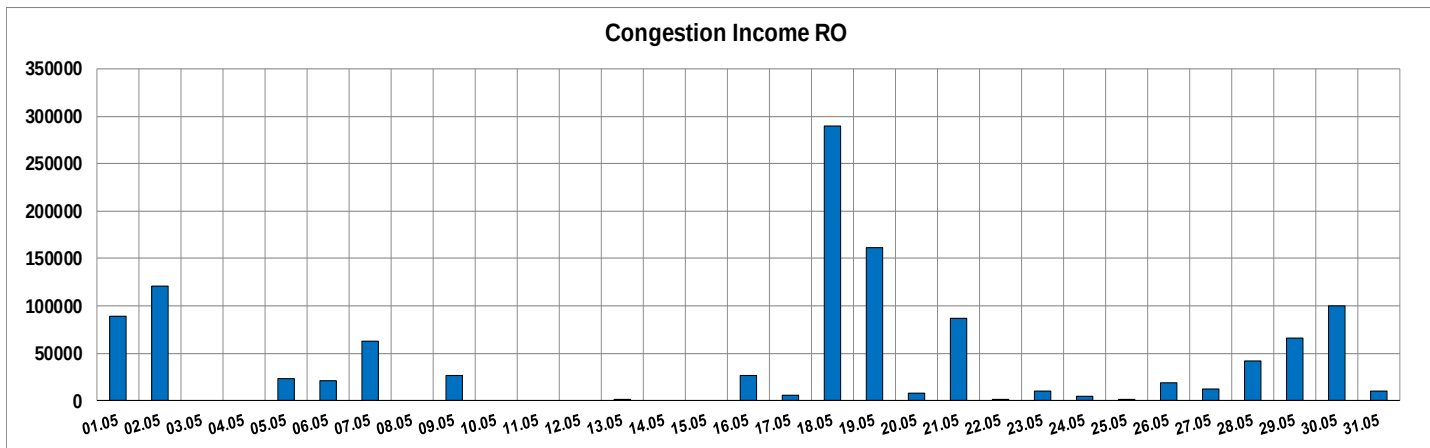
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	-	-	-	-	-	46.87	-	-	-	39.56	38.90	38.09	36.51	12.33	1.99	-	1.45	-	-	-	-	-	-	-	46.87
2	-	-	-	-	-	-	-	-	-	13.01	39.83	35.56	36.27	52.04	49.24	30.64	33.76	-	3.68	0.67	-	-	-	-	52.04
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
5	-	-	-	44.96	-	-	-	-	-	-	5.31	6.66	-	-	-	-	-	-	-	-	-	-	-	-	44.96
6	-	-	-	-	-	-	-	-	5.50	13.80	32.71	-	-	-	-	-	-	-	-	-	-	-	-	-	32.71
7	-	-	-	-	-	-	-	-	-	35.42	16.76	45.01	-	28.85	25.25	-	-	-	-	-	-	-	-	-	45.01
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
9	-	-	-	-	-	5.42	-	-	22.41	-	27.31	-	-	-	-	-	-	-	-	-	-	-	-	-	27.31
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
13	-	-	3.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.49
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
16	-	-	-	-	-	-	-	64.01	14.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.01
17	-	-	-	-	-	18.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.96
18	-	-	-	6.63	9.03	15.26	91.59	99.68	76.96	50.01	29.36	27.64	32.68	47.94	33.19	50.54	75.09	88.48	2.25	28.95	-	22.88	-	11.55	99.68
19	5.94	3.39	17.01	13.36	15.04	-	59.39	-	86.37	67.02	52.26	38.04	32.13	17.90	13.28	-	-	-	-	-	27.71	-	-	-	86.37
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.49	-	-	-	7.12	1.62	-	3.38	-	-	11.49
21	-	-	-	-	-	67.47	20.52	8.85	-	32.95	32.02	-	-	-	-	-	64.34	31.60	-	-	-	-	-	-	67.47
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	2.07	-	-	-	-	3.30
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.65	-	29.65
24	-	-	-	12.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.88
25	-	-	-	-	-	-	-	0.90	-	-	-	-	-	-	-	-	2.64	-	-	-	-	-	-	-	0.60
26	-	-	-	-	-	26.38	-	-	18.82	-	8.51	-	-	-	-	-	-	-	-	-	-	-	0.94	-	26.38
27	-	-	-	-	-	-	-	-	-	4.57	-	-	-	-	21.59	9.52	-	-	-	-	-	-	-	-	21.59
28	-	-	-	-	6.38	49.56	33.95	5.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.49	18.62	49.56
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.23	-	-	28.82	21.99	-	-	14.95	67.45	73.64	73.64
30	95.05	107.78	96.18	43.18	10.96	-	7.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.68	107.78
31	-	11.01	7.64	5.04	8.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.01

Average 28.47 EUR/MWh

RO-HU May 2022

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Hungarian border



Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-HU	HU-RO	RO-HU	HU-RO
1894343	491344	1197058	309745
2385687		1506803	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
878884	439442

Day	Congestion Income border RO-HU [Euro]	Congestion Income RO [Euro]
01.05	177 737	88 868
02.05	242 833	121 416
03.05	0	0
04.05	0	0
05.05	46 910	23 455
06.05	42 856	21 428
07.05	124 663	62 331
08.05	0	0
09.05	53 817	26 908
10.05	0	0
11.05	0	0
12.05	0	0
13.05	2 876	1 438
14.05	0	0
15.05	0	0
16.05	53 363	26 682
17.05	12 817	6 408
18.05	578 990	289 495
19.05	323 630	161 815
20.05	17 094	8 547
21.05	174 239	87 120
22.05	3 630	1 815
23.05	20 043	10 022
24.05	8 707	4 353
25.05	2 630	1 315
26.05	36 943	18 472
27.05	24 120	12 060
28.05	84 324	42 162
29.05	132 338	66 169
30.05	201 346	100 673
31.05	19 781	9 890
Total	2 385 687	1 192 844

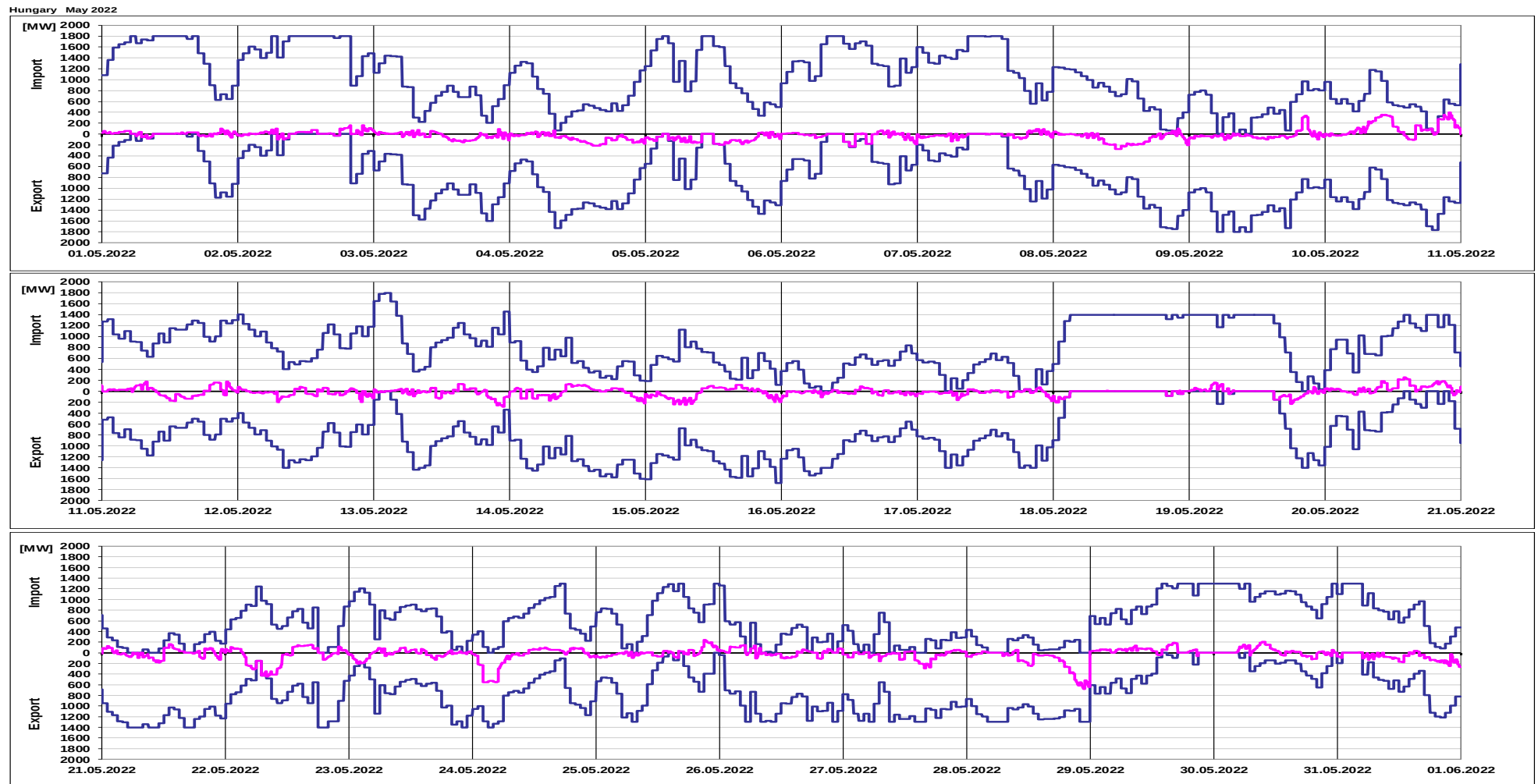


Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Implicit Auctions on Romanian – Hungarian border



Public

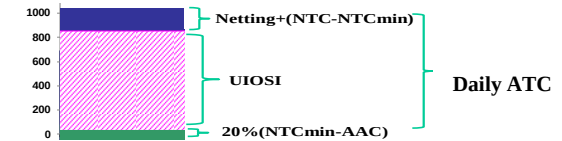


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Bulgarian border

Reserved Capacity [MW] average value		Unused Capacity [MW] average value	
RO-BG	BG-RO	RO-BG	BG-RO
140	100	1060	866



Bulgaria May 2022





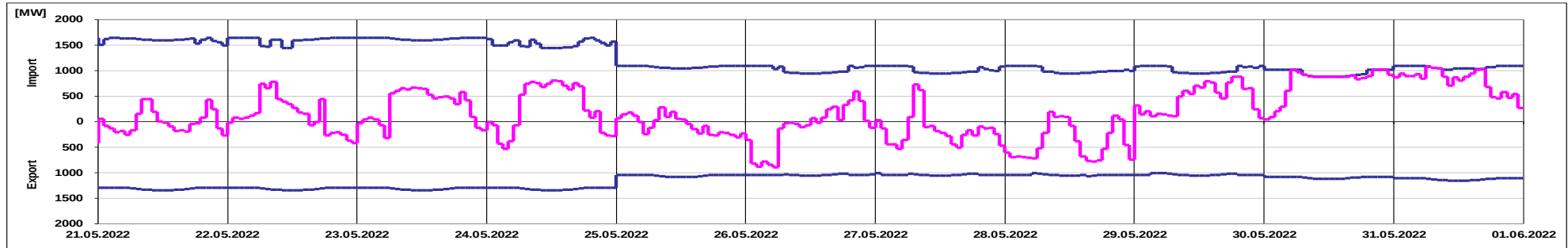
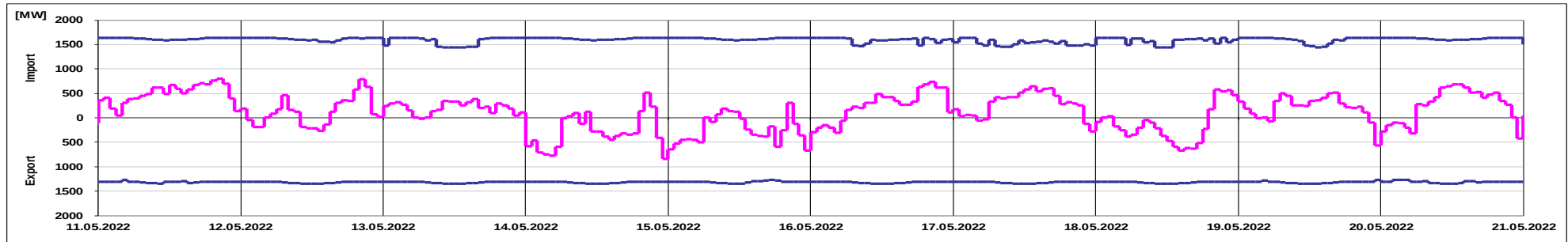
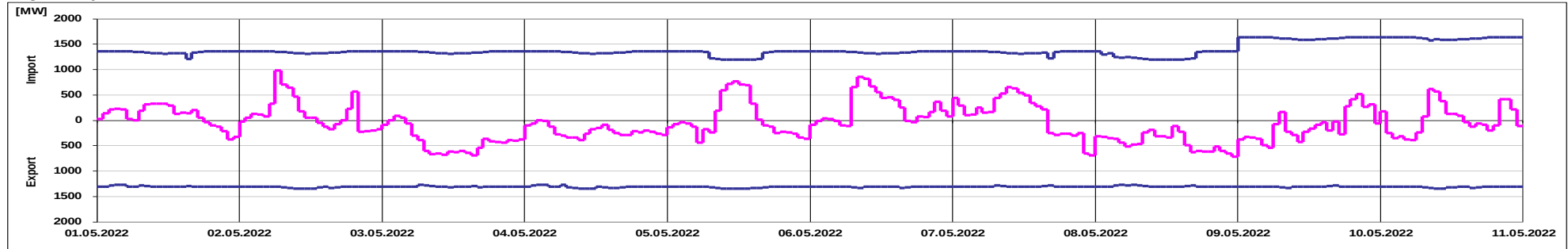
Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Bulgarian border

Bulgaria May 2022



Offered Capacity on Daily Auction [MW]

Net Position Border RO – BG [MW]

Public



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Bulgarian 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	206.00	199.70	197.56	192.20	197.43	154.45	195.00	194.95	186.94	142.48	138.41	138.41	138.41	138.41	138.41	138.90	154.45	187.04	215.85	249.43	254.94	243.03	239.72	215.97	254.94
2	206.46	199.87	194.69	193.76	196.34	209.96	248.88	270.00	264.57	225.97	154.44	154.41	154.41	138.41	138.41	154.41	154.44	218.72	240.43	263.30	265.41	253.52	241.11	219.92	270.00
3	184.50	182.09	184.08	185.12	187.04	191.19	236.26	255.96	255.96	232.70	206.07	200.24	198.06	197.29	194.89	195.54	197.99	218.99	249.96	269.94	273.04	261.77	253.21	228.94	273.04
4	206.00	200.00	200.34	201.12	201.14	224.32	256.58	296.90	280.10	255.09	227.84	214.86	209.05	206.07	202.45	200.73	206.24	233.85	249.98	275.44	305.89	263.37	246.90	232.47	305.89
5	225.20	208.44	208.12	160.13	204.90	220.77	254.96	275.06	268.02	252.96	229.72	225.43	225.10	215.04	210.90	220.06	214.96	229.00	248.73	263.00	311.24	259.96	251.84	238.52	311.24
6	220.69	213.74	207.56	204.02	206.57	219.07	255.91	274.92	257.47	223.00	187.29	208.13	207.40	191.81	190.01	187.01	192.70	211.59	239.09	256.79	262.69	255.91	247.78	235.46	274.92
7	225.12	216.94	207.36	200.01	199.50	200.10	201.78	216.28	217.04	173.15	177.41	145.66	186.55	145.52	141.45	159.17	168.22	185.30	201.62	222.74	231.57	229.00	223.12	208.38	231.57
8	208.10	193.30	191.92	186.01	182.98	186.06	184.97	185.93	183.62	163.45	140.33	123.17	128.06	92.66	85.35	93.26	113.60	155.80	196.04	234.60	259.25	242.94	225.91	217.90	259.25
9	209.08	199.21	196.07	191.11	193.68	225.26	247.69	288.13	273.30	219.21	227.26	195.22	188.71	186.87	190.01	227.39	240.43	222.00	260.00	349.54	409.91	307.83	270.00	245.81	409.91
10	228.19	217.26	184.96	169.98	169.00	190.36	224.08	237.95	232.72	210.25	190.80	174.10	186.02	174.01	168.44	171.85	181.00	187.15	209.78	279.99	335.00	261.20	236.24	227.47	335.00
11	244.93	217.43	211.29	210.77	215.19	239.09	376.08	414.81	384.08	250.05	224.94	216.99	184.43	184.43	205.31	222.56	236.29	252.53	270.99	393.70	424.51	314.46	304.67	244.56	424.51
12	212.77	205.41	162.92	162.93	207.78	224.92	235.02	249.99	248.40	224.92	202.80	162.94	162.93	162.92	162.95	209.58	213.42	223.00	234.16	272.62	333.52	269.84	273.11	232.06	333.52
13	210.00	202.71	185.51	174.74	176.26	203.20	226.93	255.65	242.29	225.10	188.00	160.11	160.11	160.09	160.11	160.84	160.11	175.41	189.99	220.92	232.72	229.00	221.01	201.35	255.65
14	184.38	163.03	156.34	155.58	162.90	170.47	184.07	194.30	184.94	160.00	126.45	98.46	99.99	97.42	94.99	111.90	139.97	162.02	226.35	252.45	293.60	284.24	245.06	224.15	293.60
15	214.91	196.35	185.43	174.15	170.17	170.25	162.92	158.57	154.98	110.60	95.98	90.00	75.00	45.35	20.15	39.58	76.21	133.33	200.03	240.00	292.88	294.00	245.58	224.33	294.00
16	180.18	169.06	169.13	169.89	196.72	221.94	260.43	363.95	266.02	231.08	210.62	199.68	185.34	210.45	218.88	228.42	235.01	279.38	284.55	312.03	364.15	300.19	259.97	237.05	364.15
17	222.91	195.94	189.10	185.05	189.20	221.20	236.70	270.08	274.17	244.91	231.99	218.76	227.20	231.93	235.02	244.35	239.91	250.35	251.82	290.00	298.21	265.88	245.46	216.25	298.21
18	206.47	187.89	176.23	164.35	164.35	164.35	128.36	147.92	164.33	161.06	149.81	147.26	147.26	129.09	143.52	128.36	119.85	128.36	238.95	258.04	280.00	223.00	225.73	182.92	280.00
19	191.02	181.62	162.93	162.91	162.94	185.06	162.94	250.04	162.94	162.91	145.96	145.95	150.83	162.90	162.92	185.09	198.96	224.02	232.99	269.27	301.11	253.00	234.38	213.31	301.11
20	211.10	195.98	189.56	188.00	189.56	208.62	237.24	263.32	250.00	224.00	204.97	201.60	197.40	190.07	173.84	189.26	190.00	216.30	220.58	229.37	231.03	214.65	205.27	179.00	263.32
21	219.07	156.41	153.02	153.01	153.02	172.00	136.69	139.28	152.98	139.28	136.67	78.62	41.71	40.09	13.57	33.86	113.16	136.68	216.52	252.58	289.73	271.56	223.85	214.18	289.73
22	186.58	179.40	172.50	170.00	171.00	169.91	166.96	166.88	160.00	149.96	138.29	138.25	136.95	109.92	101.40	103.70	133.19	156.62	198.59	220.23	233.98	235.03	219.91	191.24	235.03
23	175.89	164.57	158.75	155.07	158.20	172.54	202.70	249.95	230.02	220.97	217.19	202.68	188.88	176.05	171.63	202.72	235.04	241.41	246.32	280.00	300.43	250.00	231.50	170.53	300.43
24	202.97	153.00	135.80	135.80	136.68	155.95	188.91	217.04	209.80	193.00	184.65	227.04	217.32	213.00	212.64	224.18	236.02	234.01	245.15	280.00	280.00	224.45	211.91	189.64	280.00
25	190.73	180.06	170.51	167.92	169.90	178.14	211.11	230.90	227.88	209.21	189.13	192.36	201.61	167.01	159.01	173.81	214.74	198.47	197.26	214.79	217.46	212.44	193.98	165.56	230.90
26	137.64	108.88	95.09	87.08	96.19	122.33	153.39	221.50	210.53	163.62	153.02	196.45	205.00	202.80	205.00	230.45	244.55	250.00	262.85	275.66	297.68	267.13	240.85	217.70	297.68
27	213.06	177.91	127.80	118.38	121.21	177.92	210.85	226.10	217.90	210.13	215.00	210.12	210.12	210.11	210.10	204.52	210.12	238.31	219.00	265.46	295.88	265.02	233.00	203.04	295.88
28	180.62	141.32	131.01	122.23	141.32	171.87	188.96	212.93	212.93	212.90	212.90	180.62	184.62	135.01	130.93	134.16	141.32	143.91	180.62	212.94	250.00	235.09	212.91	180.60	250.00
29	165.19	144.63	143.27	139.93	140.04	141.32	134.14	138.37	140.15	140.08	140.00	145.06	141.00	133.49	118.55	121.59	120.00	121.18	157.57	201.38	214.94	210.02	157.55	141.32	214.94
30	108.85	86.94	96.47	141.32	171.96	195.74	223.07	257.95	260.27	232.92	230.00	229.77	215.00	207.50	201.28	202.29	210.90	225.70	241.36	291.14	300.50	266.46	243.68	224.82	300.50
31	200.91	171.99	171.98	171.98	172.00	195.99	228.68	247.77	243.14	225.90	202.43	196.28	192.46	214.15	204.52	204.17	235.03	235.99	237.10	273.65	293.18	254.42	240.01	228.36	293.18

Average 202.25 EUR/MWh

RO-BG May 2022

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Bulgarian border

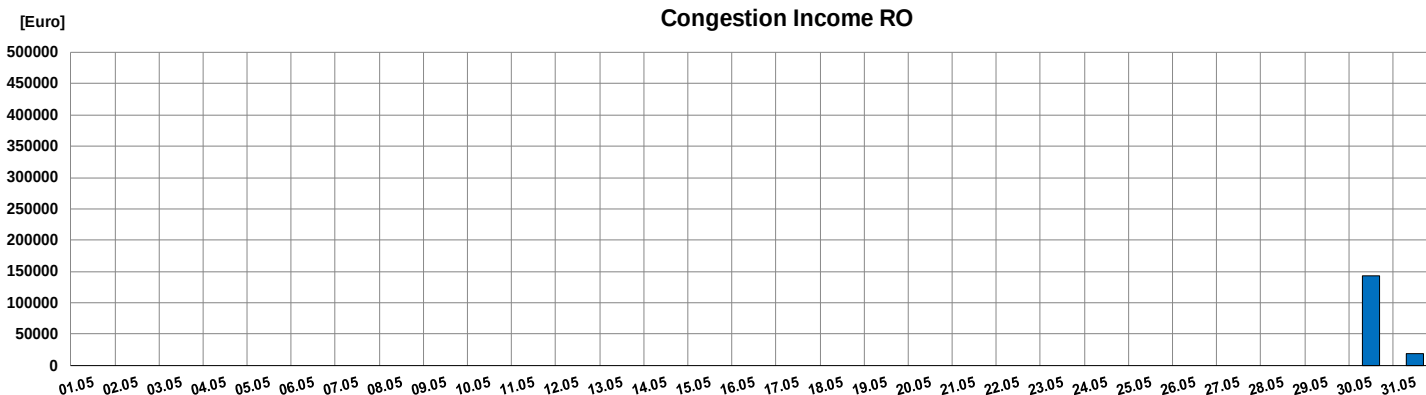
Congestion Prices [Euro/MWh]

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
30	-	-	-	-	-	4.51	-	33.13	38.93	12.32	14.41	57.78	28.83	27.36	18.38	-	38.91	-	-	-	3.82	18.57	20.61	-	57.78
31	-	-	-	-	-	-	2.29	10.95	16.75	-	-	-	-	-	-	-	5.15	-	-	-	-	-	-	-	16.75

Average 20.75 EUR/MWh

RO-BG May 2022

Daily Implicit Auctions on Romanian – Bulgarian border



Day	Congestion Income border RO-BG [Euro]	Congestion Income RO [Euro]
01.05	0	0
02.05	0	0
03.05	0	0
04.05	0	0
05.05	0	0
06.05	0	0
07.05	0	0
08.05	0	0
09.05	0	0
10.05	0	0
11.05	0	0
12.05	0	0
13.05	0	0
14.05	0	0
15.05	0	0
16.05	0	0
17.05	0	0
18.05	0	0
19.05	0	0
20.05	0	0
21.05	0	0
22.05	0	0
23.05	0	0
24.05	0	0
25.05	0	0
26.05	0	0
27.05	0	0
28.05	0	0
29.05	0	0
30.05	286 314	143 157
31.05	36 632	18 316
Total	322 946	161 473

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-BG	BG-RO	RO-BG	BG-RO
0	322946	0	279473
322946		279473	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
43474	21737



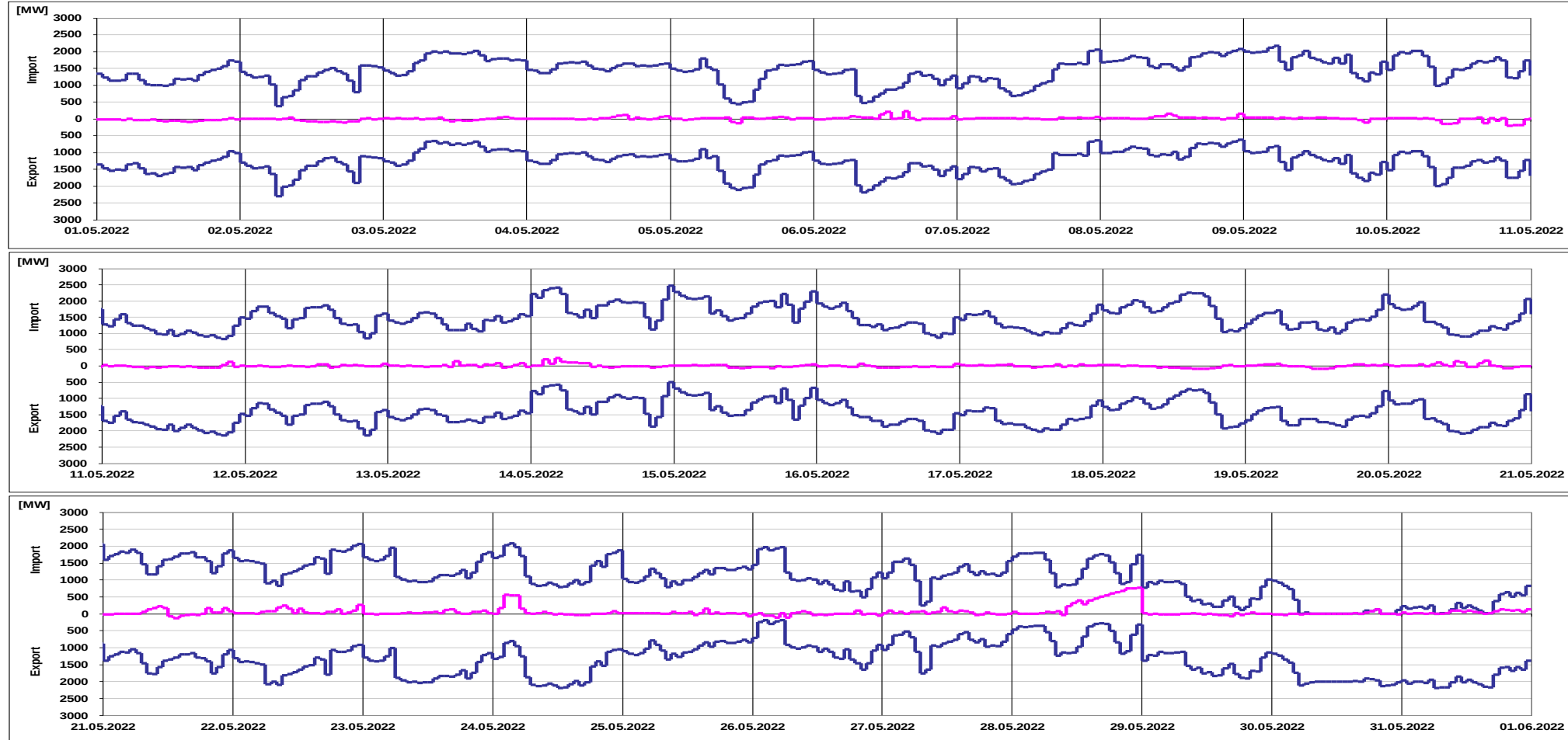
Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Implicit Auctions on Romanian – Bulgarian border

Bulgaria May 2022



Offered Capacity on Intraday Auction [MW]

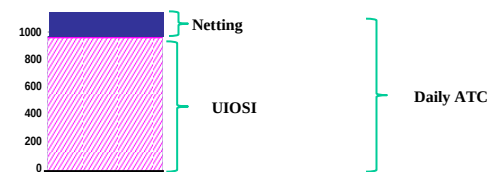
Net Position border RO - BG [MW]

Public

Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Serbian border

Unused Capacity [MW] average value	
RO-RS	RS-RO
275	532



Serbia May 2022

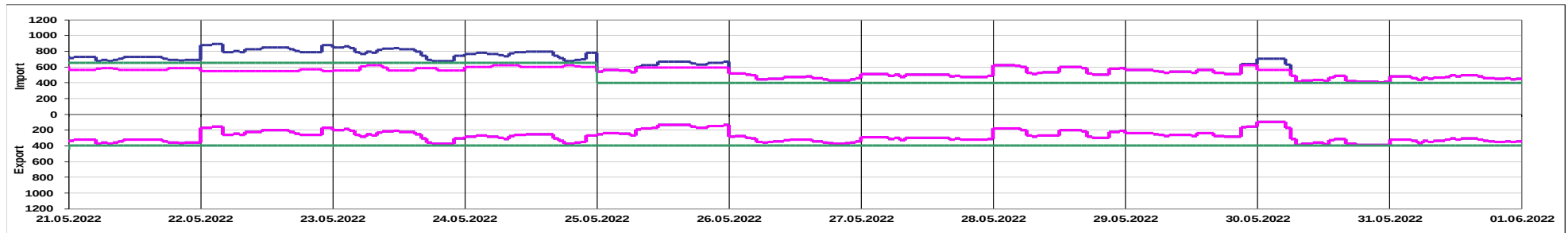
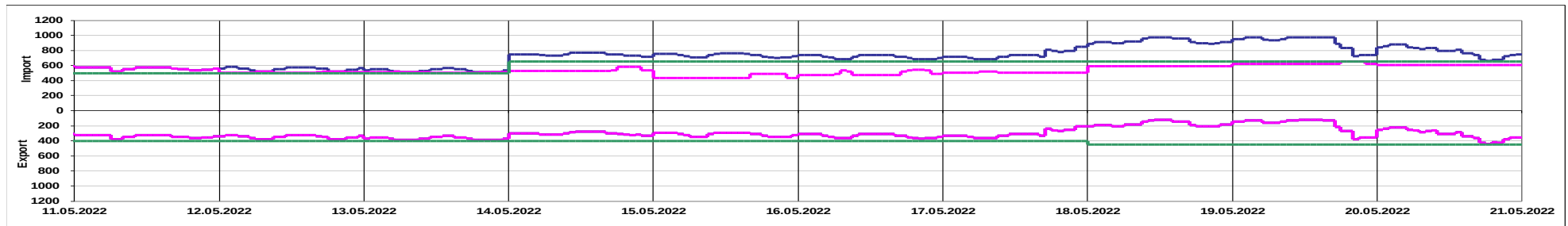
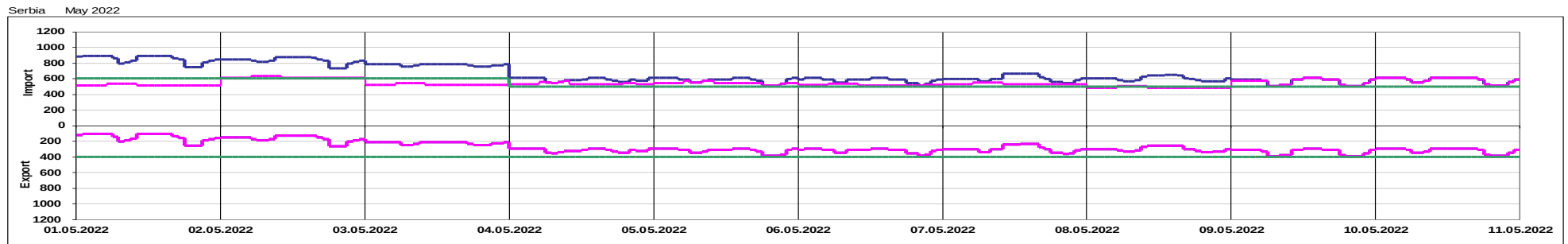




Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Serbian border



Offered Capacity on Daily Auction [MW]

Allocated Capacity on Daily Auction [MW]

Net Transfer Capacity (NTC) [MW]

Public



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] – Export

	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	5.48	6.45	12.28	16.80	16.80	17.00	4.41	3.77	6.12	12.00	16.00	14.88	17.00	14.08	16.15	14.11	2.56	1.08	0.18	0.18	0.18	0.18	0.24	0.38	17.00
2	0.90	1.35	1.35	1.35	1.35	1.30	1.05	0.91	1.05	2.98	2.98	2.98	2.62	2.65	1.66	1.06	0.25	0.15	0.09	0.09	0.09	0.09	0.11	0.14	2.98
3	0.77	0.66	0.73	0.66	0.66	0.66	0.48	0.44	0.55	0.72	1.94	2.33	2.33	2.74	2.74	1.43	1.46	0.55	0.55	0.55	0.44	0.54	0.54	0.69	2.74
4	0.51	0.41	0.39	0.39	0.39	0.34	0.17	0.12	0.13	0.19	0.24	0.24	0.24	0.32	0.36	0.36	0.34	0.16	0.13	0.11	0.17	0.16	0.19	0.34	0.51
5	0.71	0.71	0.83	0.83	0.51	0.44	0.34	0.26	0.32	0.34	0.34	0.34	0.44	0.44	0.48	0.48	0.34	0.27	0.22	0.22	0.22	0.23	0.34	0.44	0.83
6	0.34	0.34	0.37	0.37	0.34	0.27	0.26	0.22	0.34	0.45	0.75	0.99	1.69	2.69	2.69	1.69	0.56	0.26	0.19	0.19	0.11	0.13	0.26	0.34	2.69
7	0.42	0.67	1.61	1.41	1.35	1.46	0.33	0.32	1.33	7.77	10.58	10.58	10.58	10.02	8.00	7.77	2.39	0.46	0.33	0.32	0.34	0.34	0.62	0.88	10.58
8	0.25	0.25	0.25	0.25	0.25	0.25	0.15	0.15	0.22	0.66	0.66	0.66	0.66	0.66	0.66	0.26	0.26	0.15	0.15	0.11	0.11	0.12	0.12	0.16	0.66
9	0.11	0.11	0.11	0.11	0.11	0.11	0.05	0.03	0.06	0.15	0.26	0.26	0.30	0.30	0.30	0.19	0.15	0.15	0.04	0.02	0.02	0.03	0.05	0.09	0.30
10	0.16	0.16	0.18	0.25	0.25	0.16	0.12	0.09	0.15	0.30	0.30	0.30	0.30	0.30	0.30	0.26	0.25	0.15	0.09	0.06	0.05	0.07	0.11	0.15	0.30
11	1.46	1.46	1.11	1.11	1.11	1.11	0.69	0.69	1.41	1.11	1.11	1.40	1.40	1.40	1.40	1.11	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	1.46
12	1.40	1.40	1.40	1.40	1.40	1.11	0.66	0.66	0.66	0.78	0.88	1.40	1.40	1.40	1.40	1.11	1.04	0.93	0.69	1.11	1.11	1.30	1.30	1.30	1.40
13	0.76	1.04	1.04	1.04	0.78	0.58	0.55	0.55	0.55	0.58	0.78	1.40	1.40	1.41	1.41	0.92	0.78	0.78	3.52	3.52	3.00	3.00	3.00	1.30	3.52
14	1.40	1.40	1.40	1.40	1.40	1.40	1.34	1.34	1.34	1.40	2.55	2.56	1.79	1.79	1.79	1.40	1.40	1.35	1.34	1.30	1.30	1.30	1.30	1.30	2.56
15	2.56	2.56	2.56	2.56	2.56	2.14	0.76	0.76	0.76	0.78	1.40	2.55	1.40	1.40	1.40	1.40	1.40	1.39	0.76	0.88	0.88	0.88	0.88	0.96	2.56
16	0.85	0.81	0.73	0.64	0.45	0.17	0.15	0.15	0.15	0.15	0.76	1.00	0.91	0.92	1.00	0.76	0.53	0.15	0.15	0.17	0.17	0.17	0.24	1.00	
17	0.35	0.35	0.43	0.43	0.27	0.26	0.26	0.26	0.26	0.43	0.43	0.88	0.99	1.23	1.23	0.73	0.72	1.35	0.88	0.88	0.99	0.99	2.32	2.32	2.32
18	2.11	2.96	3.75	5.43	5.80	6.18	21.00	22.89	23.47	25.34	22.89	21.22	21.00	21.00	20.50	18.15	18.15	12.15	5.88	5.35	5.33	4.11	6.18	4.98	25.34
19	7.51	8.21	12.15	12.15	13.71	8.38	14.59	11.23	17.30	30.33	27.30	30.33	30.33	30.33	27.53	25.52	18.56	2.40	1.17	0.50	0.39	0.54	0.54	0.54	30.33
20	1.82	1.82	3.75	3.73	3.12	1.53	1.20	1.20	1.20	1.20	1.60	4.38	4.38	7.67	7.67	5.51	4.38	1.20	0.90	1.06	1.20	2.20	3.12	5.29	7.67
21	1.51	1.66	1.91	1.91	1.91	1.20	1.12	0.87	1.12	1.24	5.00	7.56	7.56	7.56	7.56	6.14	5.00	5.00	1.08	1.08	1.08	1.08	1.08	1.08	7.56
22	1.33	1.33	1.80	1.80	1.51	1.80	1.51	1.12	2.39	4.00	3.35	4.40	4.40	4.40	4.40	4.40	4.40	1.80	1.12	1.12	1.12	1.12	1.33	1.33	4.40
23	1.11	2.65	2.65	2.22	1.11	1.11	0.66	0.55	0.66	0.77	1.06	1.51	1.51	1.51	1.51	0.74	0.66	0.54	0.35	0.35	0.35	0.35	0.38	0.39	2.65
24	1.07	1.07	1.11	1.11	1.11	0.95	0.62	0.49	0.88	1.11	2.02	2.69	2.69	2.69	2.69	2.69	1.33	0.95	0.67	0.49	0.62	0.69	1.11	1.33	2.69
25	1.11	2.08	2.08	2.08	1.76	1.71	1.11	1.11	2.33	3.33	4.66	12.56	12.56	12.56	12.56	12.56	8.63	3.33	2.22	2.49	3.00	4.10	6.69	5.12	12.56
26	4.60	5.33	5.15	4.60	4.60	2.88	0.88	0.43	0.52	0.52	1.20	1.77	1.11	1.11	1.20	0.88	0.77	0.45	0.44	0.38	0.38	0.44	0.61	0.69	5.33
27	0.42	0.42	0.44	0.44	0.42	0.36	0.25	0.15	0.32	0.32	0.36	0.52	2.14	2.43	2.60	2.60	2.95	1.88	1.88	1.88	1.88	5.27	6.11	6.40	6.40
28	0.57	0.57	0.78	0.78	0.78	0.75	0.81	0.70	0.56	0.99	1.40	1.40	1.69	1.69	1.69	1.69	1.50	0.81	0.56	0.51	0.51	0.55	0.55	0.56	1.69
29	0.88	0.88	0.88	0.88	0.88	0.81	0.81	0.57	0.81	1.25	2.00	2.00	1.76	3.50	3.50	3.50	1.46	1.25	0.69	0.69	0.81	8.15	12.00	12.00	12.00
30	31.00	31.00	35.50	35.50	31.00	6.40	0.15	0.18	0.17	0.15	0.19	0.39	0.42	0.57	0.67	0.67	0.33	0.27	0.25	0.25	0.25	0.27	0.30	0.30	35.50
31	0.15	0.19	0.19	0.19	0.15	0.13	0.15	0.11	0.12	0.15	0.15	0.15	0.15	0.15	0.19	0.19	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.19

Serbia

May 2022



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

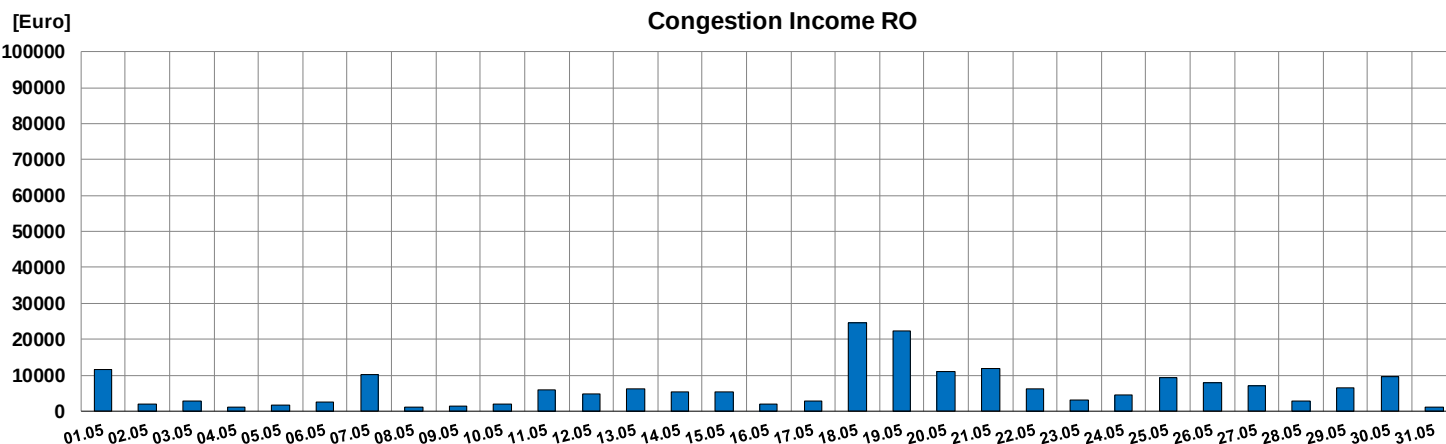
Daily Explicit Auctions on Romanian – Serbian border

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
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	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	0.03
5	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.00	0.00	0.03
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	0.01	0.00	0.00	0.00	0.01
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.15	0.33	0.33	0.11	0.03	0.03	0.02	0.02	0.02	0.03	0.03	0.11	0.55	0.55	0.55	0.11	0.08	0.55
10	0.01	0.01	0.01	0.01	0.01	0.05	0.11	0.51	0.51	0.09	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.61	0.95	0.95	0.55	0.08	0.03	0.95
11	0.09	0.09	0.09	0.09	0.09	0.09	0.40	0.57	0.51	0.32	0.28	0.28	0.28	0.28	0.28	0.28	0.32	0.32	0.32	0.40	0.40	0.28	0.10	0.09	0.57
12	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01
13	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.05
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
26	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.11	0.15	0.31	1.79	2.53	0.78	0.09	0.09	2.53
27	0.04	0.04	0.04	0.05	0.15	0.22	0.15	0.19	0.15	0.09	0.08	0.08	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.22
28	0.01	0.01	0.01	0.01	0.01	0.03	0.05	0.05	0.04	0.04	0.04	0.04	0.01	0.01	0.01	0.01	0.01	0.06	0.07	0.07	0.07	0.04	0.04	0.03	0.07
29	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.04
30	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.07	0.07	0.05	0.05	0.05	0.03	0.02	0.02	0.04	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.08
31	0.05	0.05	0.05	0.05	0.08	0.11	0.11	0.11	0.11	0.09	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.11	0.09	0.08	0.09	0.08	0.11

Serbia May 2022

Daily Explicit Allocation on Romanian – Serbian border



Day	Congestion Income border RO-RS [Euro]	Congestion Income RO [Euro]
01.05	23306	11653
02.05	4056	2028
03.05	5459	2730
04.05	1985	992
05.05	3236	1618
06.05	4835	2418
07.05	20469	10234
08.05	2085	1042
09.05	2643	1322
10.05	3930	1965
11.05	11710	5855
12.05	9383	4691
13.05	12598	6299
14.05	10935	5467
15.05	10950	5475
16.05	3641	1820
17.05	5331	2666
18.05	48900	24450
19.05	44684	22342
20.05	22095	11048
21.05	23807	11904
22.05	12397	6198
23.05	5890	2945
24.05	8949	4475
25.05	18658	9329
26.05	15923	7962
27.05	14125	7062
28.05	5533	2766
29.05	13020	6510
30.05	19373	9687
31.05	1953	977
Total	391858	195929

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-RS	RS-RO	RO-RS	RS-RO
377842	14016	372455	12177
391858		384632	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
7227	3613



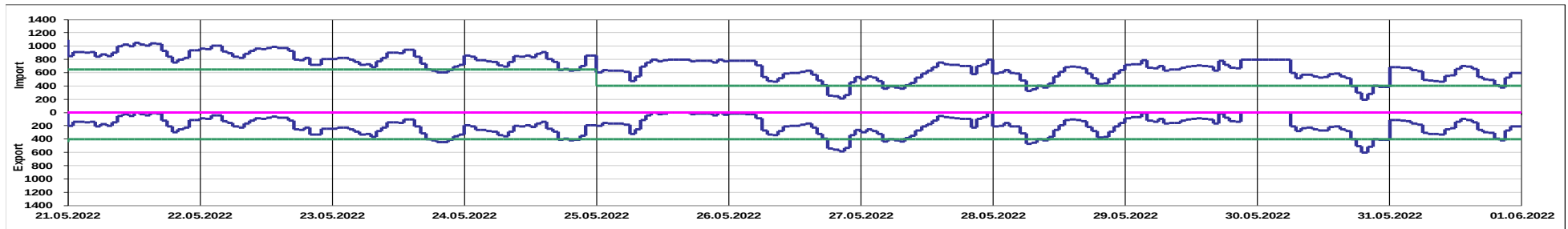
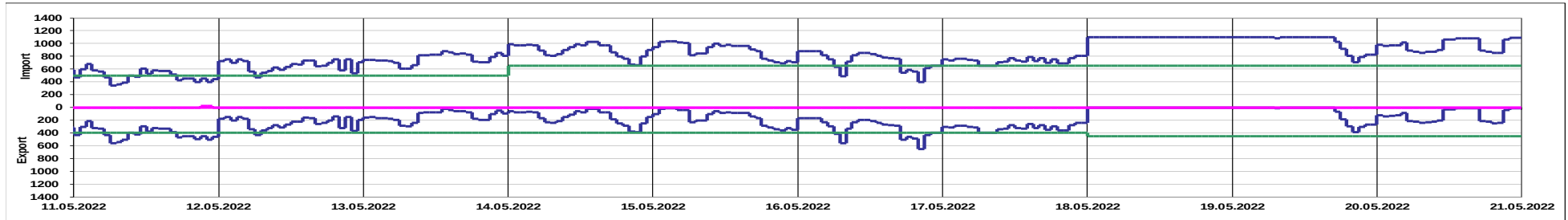
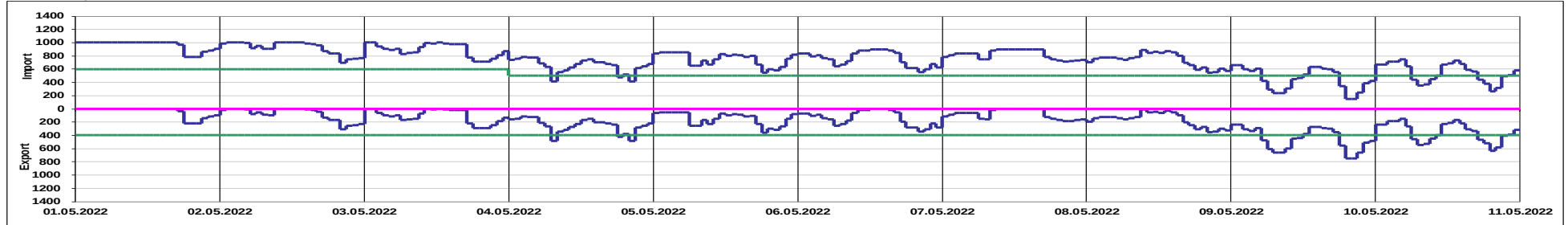
Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Explicit Auctions on Romanian – Serbian border

Serbia May 2022



Offered Capacity on Intraday Auction [MW]

Allocated Capacity on Intraday Auction [MW]

Net Transfer Capacity (NTC) [MW]

Public



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Explicit 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
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
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
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
19	-	-	-	-	-	-	-	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
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	-	-	-	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	0.00
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
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Serbia May 2022

Public



Auction Price [Euro/MWh] - Import

Serbia May 2022



Daily Explicit Auctions Bids Statistics

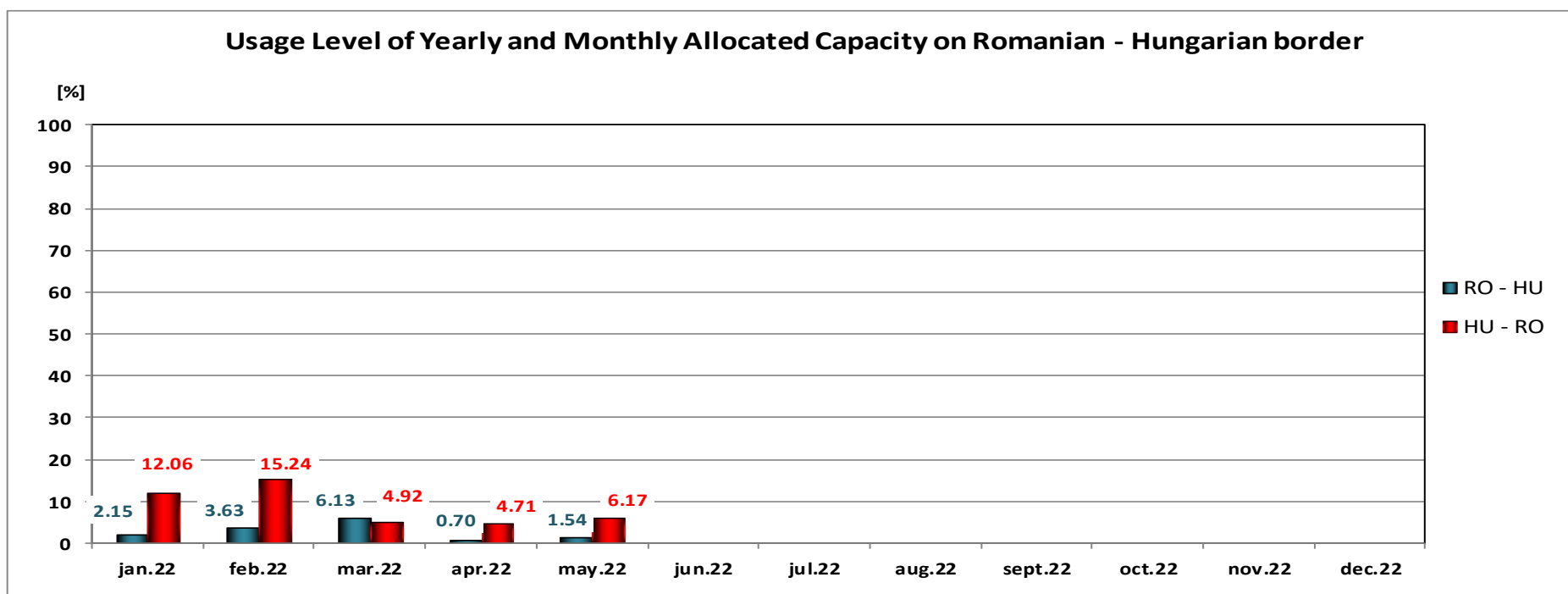
May 2022		Daily Auctions										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Serbia Export												8	6	8	9	9	8	9	9	8	8	8	11	9	8	9	8	8	11	10	10	10	9	8	8	10	10	11	8	8	9	7	
												6	6	6	6	7	7	6	8	7	8	4	8	7	7	8	6	7	8	7	7	9	7	7	6	7	8	7	6	7	7	6	
												42	36	40	38	41	39	44	40	37	35	39	45	43	39	39	37	38	55	51	47	49	43	39	39	43	46	51	42	41	55	36	
Serbia Import												5	6	6	8	7	8	7	6	9	10	9	8	9	8	6	9	8	8	8	7	8	8	8	8	7	11	11	9	8	8	9	8
												5	6	6	8	7	8	7	6	8	8	8	8	9	8	6	9	8	8	8	7	7	8	8	8	7	10	11	9	8	6	8	
												32	34	34	35	36	36	35	31	40	43	41	38	37	38	32	35	37	36	37	37	37	37	37	39	38	45	44	40	35	37	42	

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

Intraday Explicit Auctions Bids Statistics

May 2022		Intraday Auctions											1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Serbia Export	Maximum Number of Capacity Traders	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Maximum Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Serbia Import	Maximum Number of Capacity Traders	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	0	0	0	0	0	0	0	0	0				
	Maximum Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

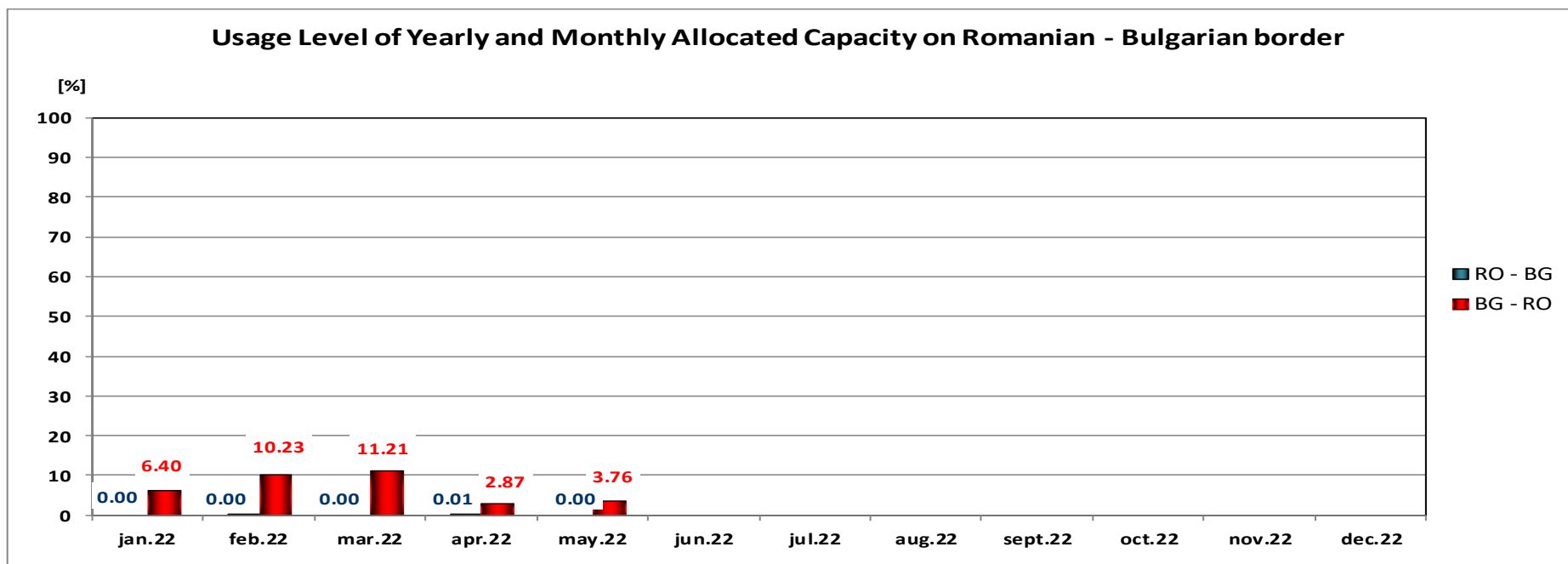
Note: In the table are presented the daily maximum hourly values.



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: 2.83% on export direction and 8.62% 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.

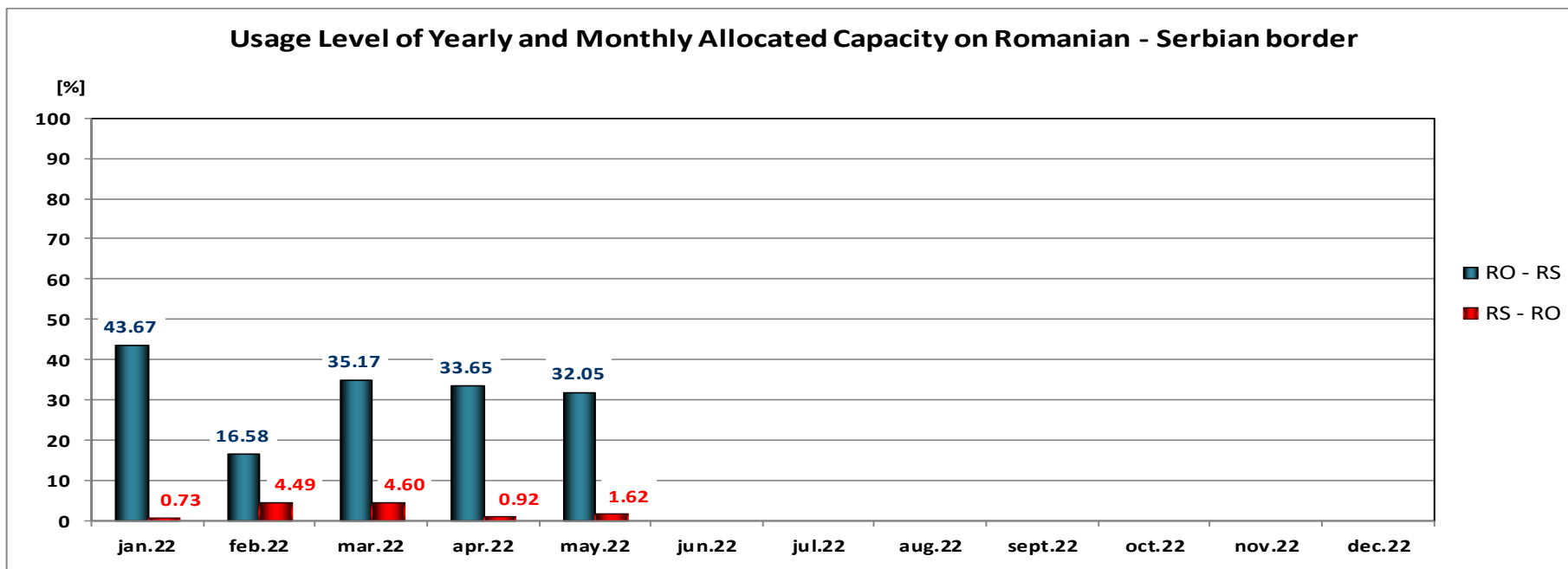
From the beginning of the year, the average values (arithmetic) of usage level are: 0% on export direction and 6.89% on import direction.

Market for Allocation of Cross-Border Capacities

Long term Auction on Romanian – Serbian 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: 32.22% on export direction and 2.47% on import direction.

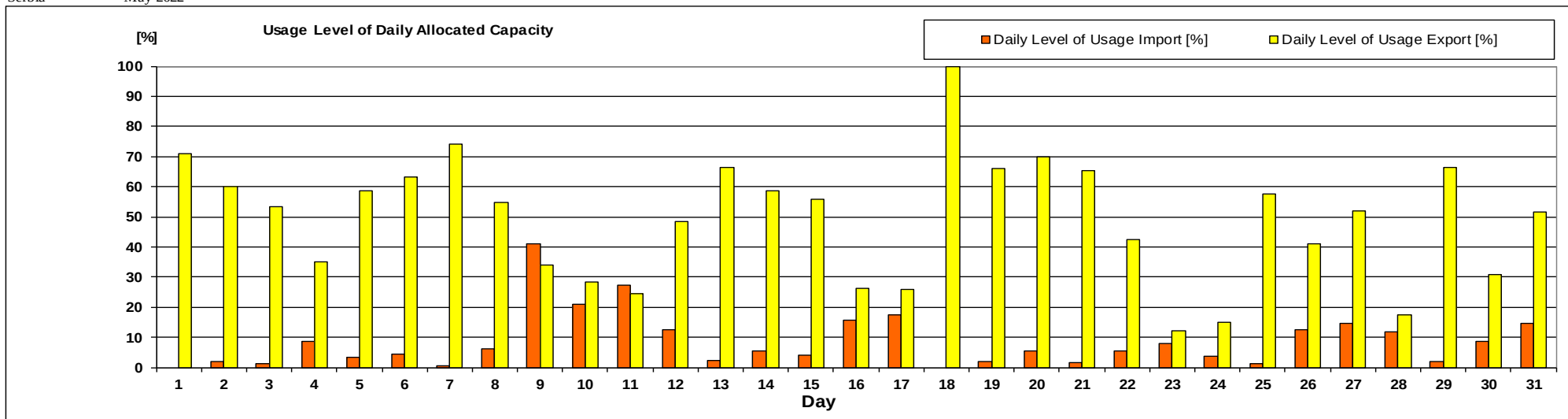
Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Usage Level of Daily Allocated Capacity

Serbia

May 2022



Daily Level of Usage [%]

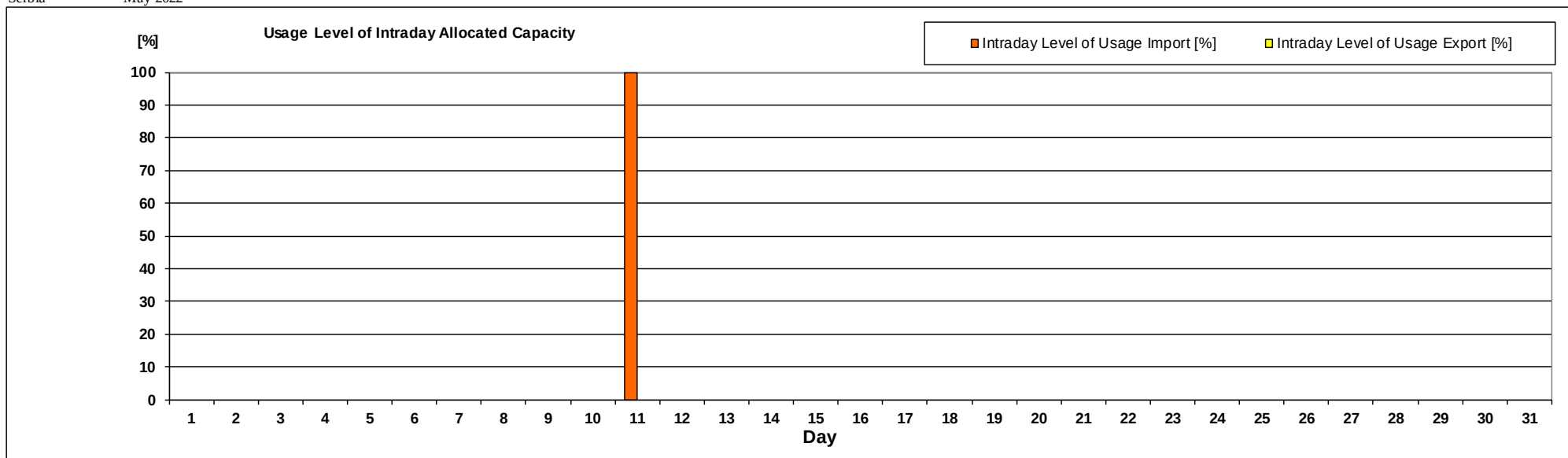
May 2022	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Import	0.00	2.02	1.27	8.71	3.25	4.38	0.59	6.29	41.04	21.03	27.29	12.67	2.17	5.53	3.88	15.75	17.55	0.00	1.86	5.39	1.61	5.50	7.97	3.85	1.19	12.56	14.58	11.88	1.89	8.53	14.44
Export	70.91	60.16	53.36	35.16	58.67	63.25	74.05	54.83	33.98	28.18	24.61	48.52	66.21	58.64	55.85	26.36	25.84	100.00	66.11	69.79	65.22	42.37	12.07	15.01	57.72	40.94	51.97	17.46	66.55	30.67	51.61

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 8.44 [%]
- Export 47.88 [%]

Serbia

May 2022



Intraday Level of Usage [%]

May 2022	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Import	-	-	-	-	-	-	-	-	-	-	100.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Export	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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:

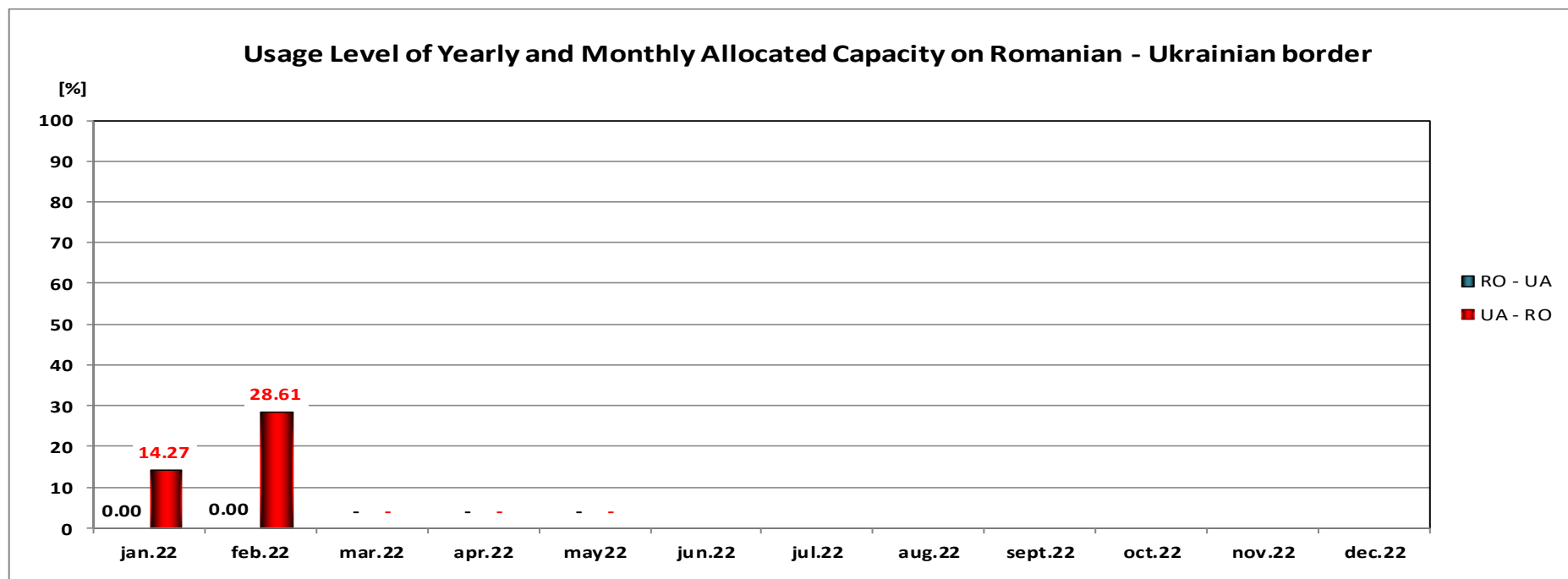
- Import 100 [%] (capacity was requested only for 11.05.2022)
- Export - [%] (no requested capacity)

Market for Allocation of Cross-Border Capacities

Long term Auction on Romanian – Ukrainian border

Usage Level of Allocated Capacity

CET

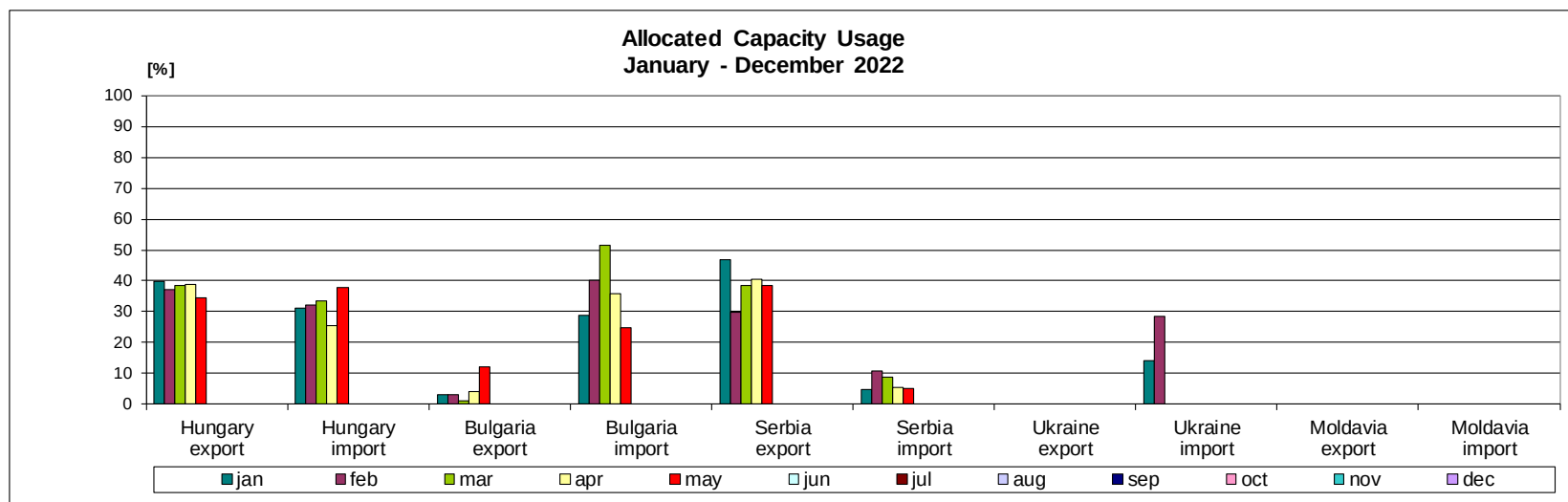


Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions.

From the beginning of the year, the average values (arithmetic) of usage level are: 0% on export direction and 21.44% on import direction.

Note: Due to the conflict situation in Ukraine the allocated capacity rights were canceled for March and no auctions were organized for April and May.

Usage level of capacity rights



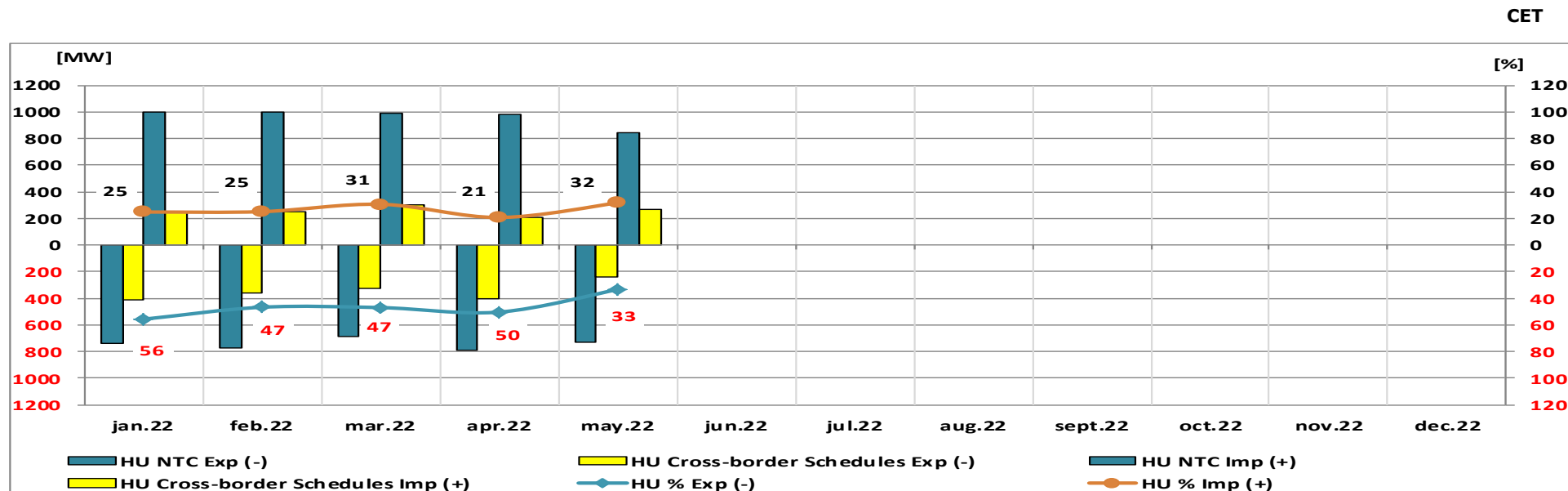
The level of usage of total capacity rights on one border and direction represent the percentage ratio between the energy associated with the commercial transactions, nominated during a month, and the energy associated with the total capacity rights.

[%]	Hungary export	Hungary import	Bulgaria export	Bulgaria import	Serbia export	Serbia import	Ukraine export	Ukraine import	Moldavia export	Moldavia import
jan	39.89	30.99	3.10	28.88	46.85	4.87	0.00	14.27	-	-
feb	37.21	32.04	3.08	40.31	29.92	10.93	0.00	28.61	-	-
mar	38.47	33.60	1.21	51.47	38.34	8.64	-	-	-	-
apr	38.96	25.35	3.97	35.75	40.53	5.42	-	-	-	-
may	34.32	37.89	12.13	24.68	38.57	5.03	-	-	-	-
jun										
jul										
aug										
sep										
oct										
nov										
dec										
average	37.77	31.98	4.70	36.22	38.84	6.98	0.00	21.44	-	-

In May 2022, it was noticed a low level of capacity usage. The highest level of usage was on export direction to Serbia.

Note: Due to the conflict situation in Ukraine the allocated capacity rights were canceled for March and no auctions were organized for April and May.

Usage Level of NTC on Romanian – Hungarian border

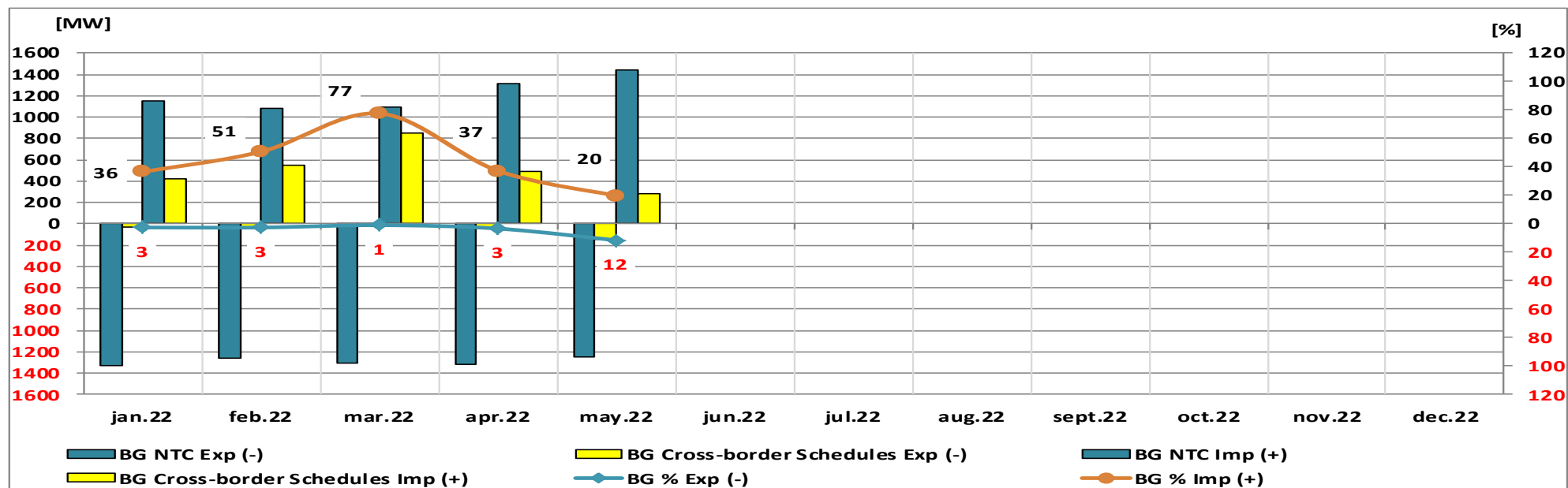


Hungary (monthly averages values, MW)	jan.22	feb.22	mar.22	apr.22	may.22	jun.22	jul.22	aug.22	sept.22	oct.22	nov.22	dec.22	sum
HU NTC Exp (-)	-735	-771	-688	-794	-727								-3716
HU Cross-border Schedules Exp (-)	-409	-360	-323	-399	-242								-1733
HU NTC Imp (+)	1000	1000	988	982	846								4816
HU Cross-border Schedules Imp (+)	249	252	303	204	269								1277

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: 46.56% on export direction and 26.66% on import direction.

Usage Level of NTC on Romanian – Bulgarian border

CET



Bulgaria (monthly averages values, MW)	jan.22	feb.22	mar.22	apr.22	may.22	jun.22	jul.22	aug.22	sept.22	oct.22	nov.22	dec.22	sum
BG NTC Exp (-)	-1324	-1265	-1306	-1316	-1251								-6463
BG Cross-border Schedules Exp (-)	-35	-34	-13	-45	-146								-274
BG NTC Imp (+)	1149	1076	1094	1310	1440								6069
BG Cross-border Schedules Imp (+)	418	546	848	486	284								2581

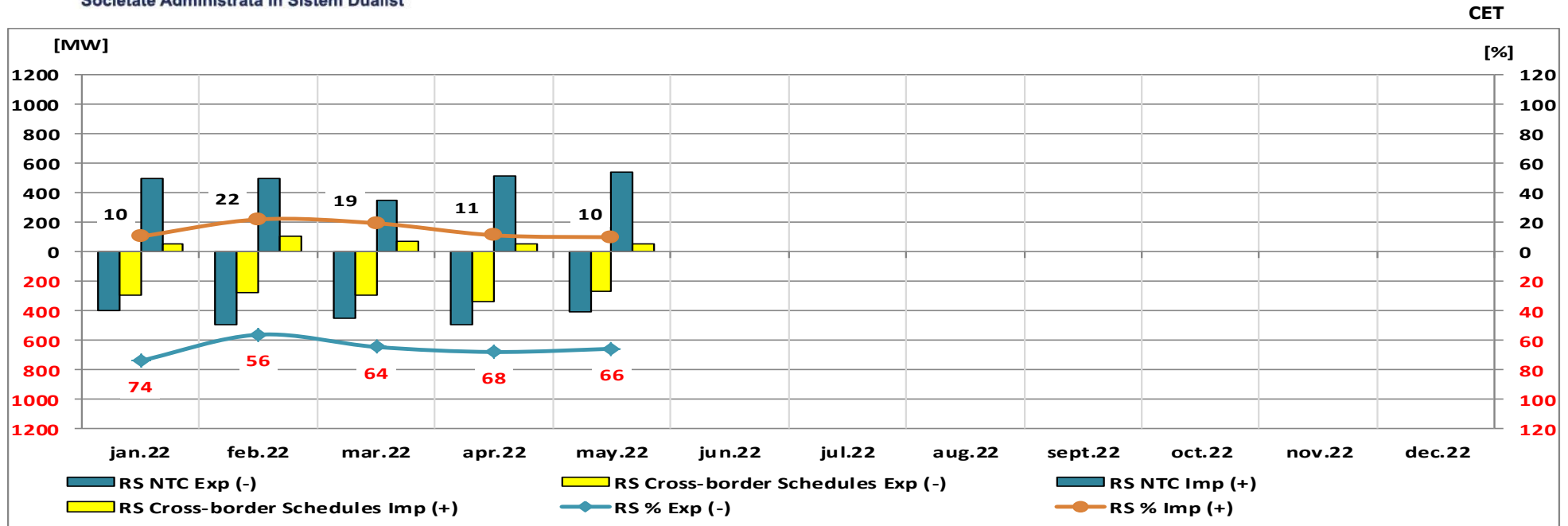
The level of usage was calculated as ratio between total cross-border schedules (capacity nominated on long and short term) and NTC. From the beginning of the year, the average values (arithmetic) of usage level are: 4.3% on export direction and 44.28% on import direction.



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

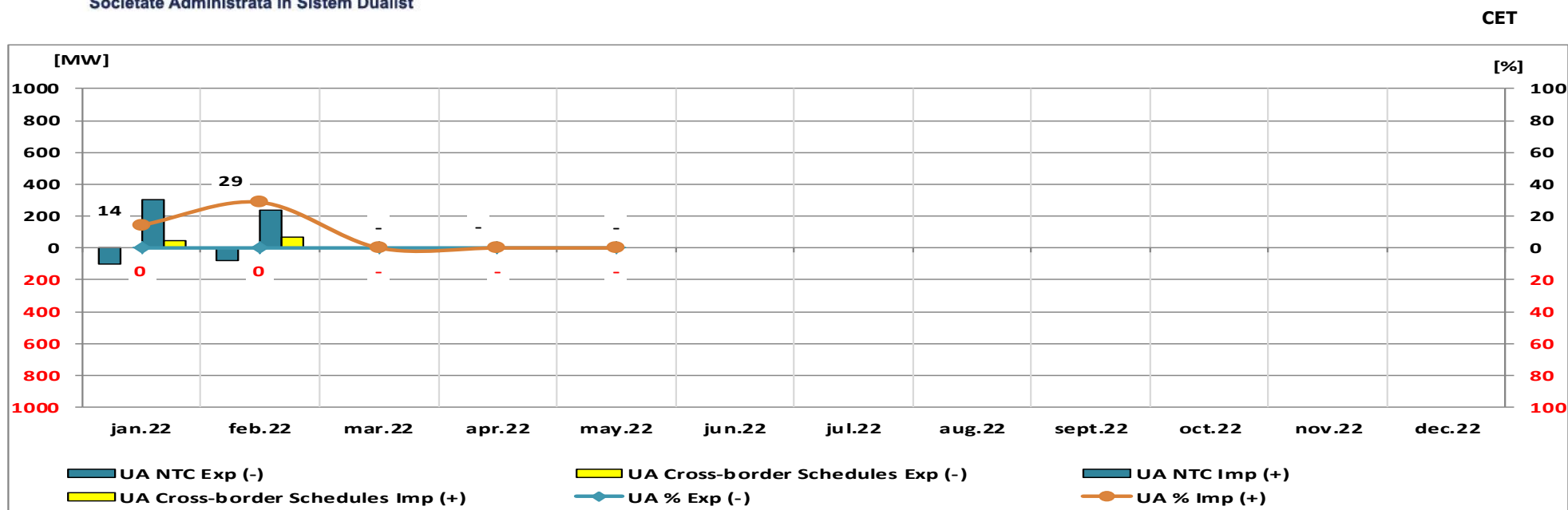
Usage Level of NTC on Romanian – Serbian border



Serbia (monthly averages values, MW)	jan.22	feb.22	mar.22	apr.22	may.22	jun.22	jul.22	aug.22	sept.22	oct.22	nov.22	dec.22	sum
RS NTC Exp (-)	-400	-496	-451	-490	-405								-2242
RS Cross-border Schedules Exp (-)	-295	-278	-290	-332	-266								-1461
RS NTC Imp (+)	500	500	352	513	540								2406
RS Cross-border Schedules Imp (+)	52	110	69	58	54								344

The level of usage was calculated as ratio between total cross-border schedules (capacity nominated on long and short term) and NTC. From the beginning of the year, the average values (arithmetic) of usage level are: 65.52% on export direction and 14.69% on import direction.

Usage Level of NTC on Romanian – Ukrainian border



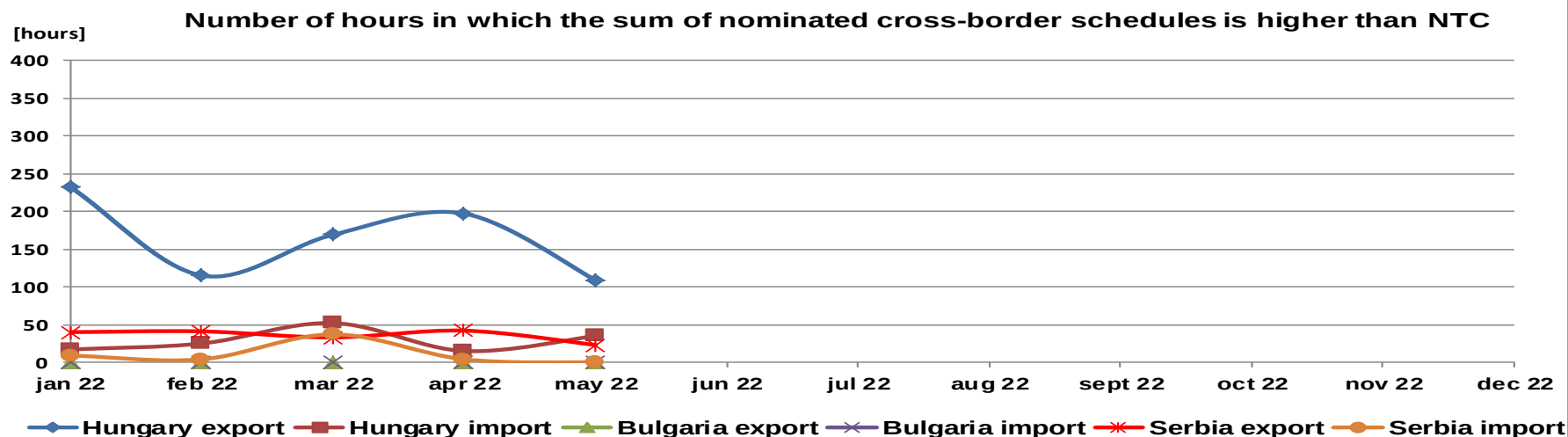
Ukraine (monthly averages values, MW)	jan.22	feb.22	mar.22	apr.22	may.22	jun.22	jul.22	aug.22	sept.22	oct.22	nov.22	dec.22	sum
UA NTC Exp (-)	-100	-79	-	-	-								-179
UA Cross-border Schedules Exp (-)	0	0	-	-	-								0
UA NTC Imp (+)	300	236	-	-	-								536
UA Cross-border Schedules Imp (+)	43	67	-	-	-								110

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: 0% on export direction and 21.44% on import direction.

Due to the conflict situation in Ukraine the allocated capacity rights were canceled for March and no auctions were organized for April and May.

Maximization of NTC Usage

CET



Number of hours	jan 22	feb 22	mar 22	apr 22	may 22	jun 22	jul 22	aug 22	sept 22	oct 22	nov 22	dec 22
Hungary export	232	115	169	197	109							
Hungary import	17	25	52	15	35							
Bulgaria export	0	0	0	0	0							
Bulgaria import	0	0	0	0	0							
Serbia export	40	41	33	42	23							
Serbia import	9	4	37	4	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.

Market indicators (C1, C3, HHI) on auction type and total values per border direction

May 2022

May 2022

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	52.86	1414	22.73	50.00	1239	-	-	-	-	-	-	17.54	37.02	815
Hungary export	14.29	40.00	992	48.28	68.28	2675	-	-	-	-	-	-	14.14	34.34	804
Bulgaria import	40.00	69.00	2178	18.75	47.50	1055	-	-	-	-	-	-	27.22	51.67	1253
Bulgaria export	20.00	41.00	935	37.56	66.58	2025	-	-	-	-	-	-	24.57	45.00	1024
Serbia import	35.20	85.20	2720	43.06	71.91	2481	27.96	62.99	1720	100.00	100.00	10000	15.52	41.98	1030
Serbia export	44.40	78.00	2733	22.79	51.85	1295	35.17	66.83	1958	-	-	-	21.24	48.74	1134
Ukraine import	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine export	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moldavia import	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note:

- On the Hungarian border implicit daily allocation is organized through the market coupling mechanism of day-ahead electricity markets (CZ-SK-HU-RO starting with 20.11.2014, respectively integration in Single Day-Ahead Market Coupling (SDAC) starting with 18.06.2021) and implicit intraday allocation is organized as a result of 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 as a result of the integration of Romanian intraday market in SIDC (Single Intra-Day Market) (starting with 20.11.2019) and implicit daily allocation is organized as a result of the integration in Single Day-Ahead Market Coupling (SDAC) (starting with 28.10.2021).



Email: Monitorizare.Piata@transelectrica.ro

Fax: 021 3035630