



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Market for Allocation of Cross-Border Capacities

October 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**



- 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) and starting with 01.10.2022 was launched the 15 minutes cross-border product. 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). Starting with 08.06.2022 (for the delivery day 09.06.2022) the Flow - Based Day - Ahead Market Coupling was launched across the whole Core region (including the RO – HU border), thus optimizing the energy exchange between the bidding zones within the region. 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.
- 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;
 - ✓ starting with July 2022, at the monthly auctions on the Hungarian border, Physical Transmission Rights have been replaced by Financial Transmission Rights (allocated capacity is no longer a physical right that can be used by the participant, but it is only a financial right).
- 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.
- Allocation of Physical Transmission Rights and UIOSI („use it or sell it”) principle are applied on the Bulgarian and Serbian borders.



- Long term auctions (yearly and monthly) are currently suspended on the Ukrainian – Romanian border, only unilateral daily auction being organized (until the coordinated allocation rules are agreed, the Ukrainian TSO held a pre-allocation, an prior auction to the auction organized by Romanian TSO).
- On the Moldavian border, the bilateral coordinated daily allocation for 100% of total capacity was introduced starting with 11.10.2022 for the delivery day 12.10.2022, auctions being organized by Transelectrica. Currently there are no long term auctions held on the Moldavian border.
- The “netting” principle is applied to NTC based daily and intraday allocation.
- The physical transmission rights are used (nominated) in accordance with „m:n” nomination principle;
- Transelectrica’s auctions are held on Damas platform, with euro currency trading;
- 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 October were held as:
 - ✓ import/export Hungary, import*/export Bulgaria, during the period 01 – 31.10.2022;
 - ✓ import Serbia, during the periods 01 – 16.10.2022; 17 – 21.10.2022; 22 – 23.10.2022; 24 – 28.10.2022; 29 – 30.10.2022; 31.10.2022;
 - ✓ export Serbia, during the periods 01 – 07.10.2022; 08 – 09.10.2022; 10 – 21.10.2022; 22 – 23.10.2022; 24 – 28.10.2022; 29 – 31.10.2022.

* 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 October 2022

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Alocated	Final Rights
Hungary export* 01 - 31 October 2022	18.00	800	700	350	350	55	335	4137	335	630
Hungary import* 01 - 31 October 2022	3.00	800	700	350	350	110	390	4091	390	630
Bulgaria export 01 - 31 October 2022	0.41	1350	1250	750	500	0	600	5622	600	1100
Bulgaria import 01 - 16 October 2022	5.87	1700	1600	1100	500	0	680	5363	680	1180
17 - 21 October 2022	5.87	1450	1350	850	500	0	680	5363	680	1180
22 - 23 October 2022	5.87	1700	1600	1100	500	0	680	5363	680	1180
24 - 28 October 2022	5.87	1450	1350	850	500	0	680	5363	680	1180
29 - 30 October 2022	5.87	1700	1600	1100	500	0	680	5363	680	1180
31 October 2022	5.87	1450	1350	850	500	0	680	5363	680	1180

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.

* on the Hungarian border: Final rights (physical + financial) = monthly allocated capacity (financial rights) + yearly allocated capacity after returns and withdrawals (physical rights).



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Market for Allocation of Cross-Border Capacities

Monthly auction Results of 01 – 31 October 2022

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Allocated	Final Rights
Serbia export										
<i>01 - 07 October 2022</i>	6.62	500	400	150	250	-	150	558	150	400
<i>08 - 09 October 2022</i>	3.12	550	450	200	250	-	200	595	200	450
<i>10 - 21 October 2022</i>	6.62	500	400	150	250	-	150	568	150	400
<i>22 - 23 October 2022</i>	3.12	550	450	200	250	-	200	595	200	450
<i>24 - 28 October 2022</i>	6.62	500	400	150	250	-	150	570	150	400
<i>29 - 31 October 2022</i>	3.12	550	450	200	250	-	200	595	200	450
Serbia import										
<i>01 - 16 October 2022</i>	0.06	800	700	450	250	-	450	634	450	700
<i>17 - 21 October 2022</i>	0.27	600	500	250	250	-	250	614	250	500
<i>22 - 23 October 2022</i>	0.06	800	700	450	250	-	450	619	450	700
<i>24 - 28 October 2022</i>	0.27	600	500	250	250	-	250	614	250	500
<i>29 - 30 October 2022</i>	0.06	800	700	450	250	-	450	619	450	700
<i>31 October 2022</i>	0.27	600	500	250	250	-	250	594	250	500
Ukraine export										
<i>01 - 31 October 2022</i>	-	0	0	-	-	-	-	-	-	-
Ukraine import										
<i>01 - 31 October 2022</i>	-	0	0	-	-	-	-	-	-	-
Moldavia export										
<i>01 - 31 October 2022</i>	-	-	-	-	-	-	-	-	-	-
Moldavia import										
<i>01 - 31 October 2022</i>	-	-	-	-	-	-	-	-	-	-
<i>RO_Vulcanesti</i>	-	-	-	-	-	-	-	-	-	-
<i>01 - 31 October 2022</i>	-	-	-	-	-	-	-	-	-	-
<i>RO_Costesti</i>	-	-	-	-	-	-	-	-	-	-
<i>01 - 31 October 2022</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.

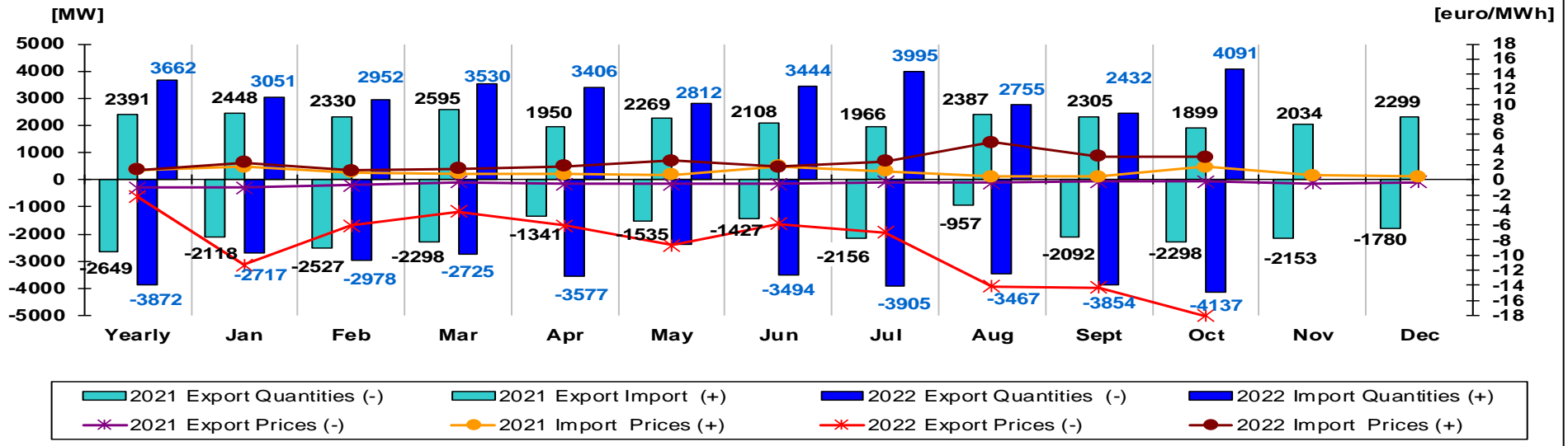


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Market for Allocation of Cross-Border Capacities

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



Border	Yearly	Jan. 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	5.85	6.97	14.11	14.33	18.00		
Hungary import	1.28	2.29	1.23	1.50	1.82	2.56	1.69	2.42	4.96	3.09	3.00		

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 October 2022 there was a significant increase in the auction price 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 higher.

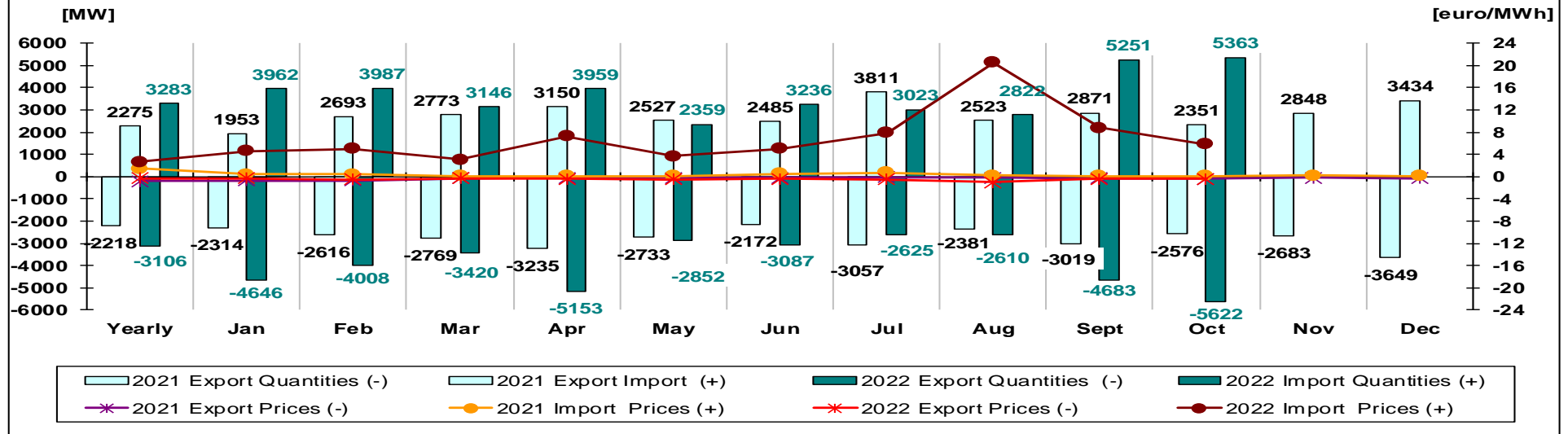
Market for Allocation of Cross-Border Capacities



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Weighted average of requested capacities correlated with auction clearing price (weighted with allocated capacities) on Bulgarian 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
Bulgaria export	0.30	0.29	0.49	0.28	0.41	0.50	0.42	0.51	1.01	0.37	0.41		
Bulgaria import	2.71	4.56	5.00	3.02	7.29	3.69	5.00	7.88	20.51	8.80	5.87		

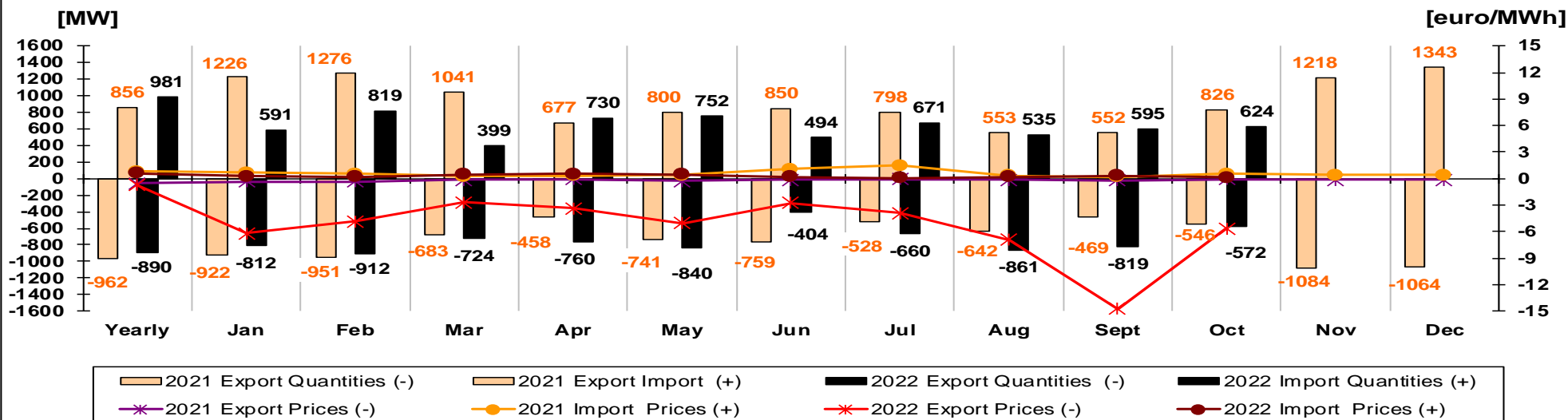
Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Bulgaria export	0.77	0.71	0.68	0.35	0.18	0.19	0.25	0.14	0.20	0.33	0.38	0.18	0.32
Bulgaria import	1.43	0.41	0.40	0.09	0.07	0.09	0.51	0.73	0.24	0.14	0.12	0.21	0.14

- Compared with previous year, in October 2022 the auction price remained at the same level on export direction, while offered capacity and requested capacity were higher. On import direction, monthly auction price significantly increased compared with similar period of previous year, while offered capacity and requested capacity were higher.

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	2.78	3.93	6.95	14.77	5.64		
Serbia import	0.60	0.25	0.21	0.48	0.56	0.50	0.22	0.09	0.22	0.35	0.11		

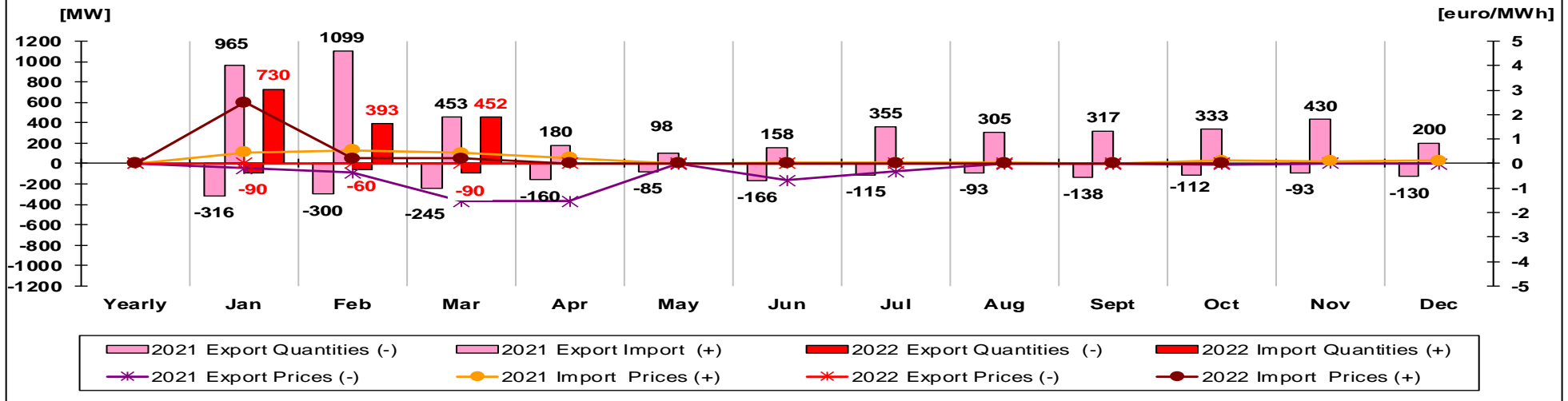
Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Serbia export	0.56	0.36	0.32	0.13	0.07	0.24	0.12	0.05	0.16	0.22	0.07	0.16	0.13
Serbia import	0.82	0.66	0.52	0.29	0.32	0.43	1.08	1.50	0.35	0.17	0.51	0.41	0.37

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

Market for Allocation of Cross-Border Capacities



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	-	-	-	-	-	-	-	-	-

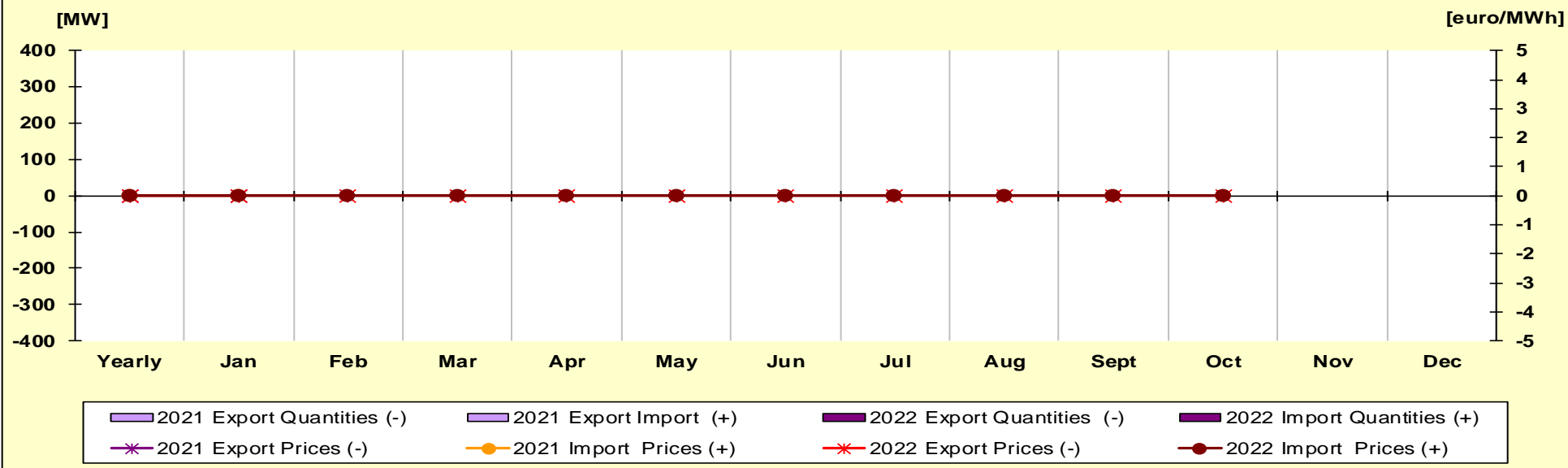
Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Ukraine export	-	0.20	0.37	1.55	1.55	0.02	0.69	0.32	0.01	0.02	0.04	0.00	0.02
Ukraine import	-	0.45	0.55	0.44	0.23	0.02	0.03	0.02	0.02	0.02	0.12	0.09	0.11

Note: monthly auctions are currently suspended on Ukrainian border.

Market for Allocation of Cross-Border Capacities



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	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: monthly auctions are currently suspended on Moldavian border.



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Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Hungarian border

Reserved Capacity [MW] average value		LT Unused Capacity (UIOSI and Financial Rights) [MW] average value	
RO-HU	HU-RO	RO-HU	HU-RO
70	70	630	615

Hungary October 2022





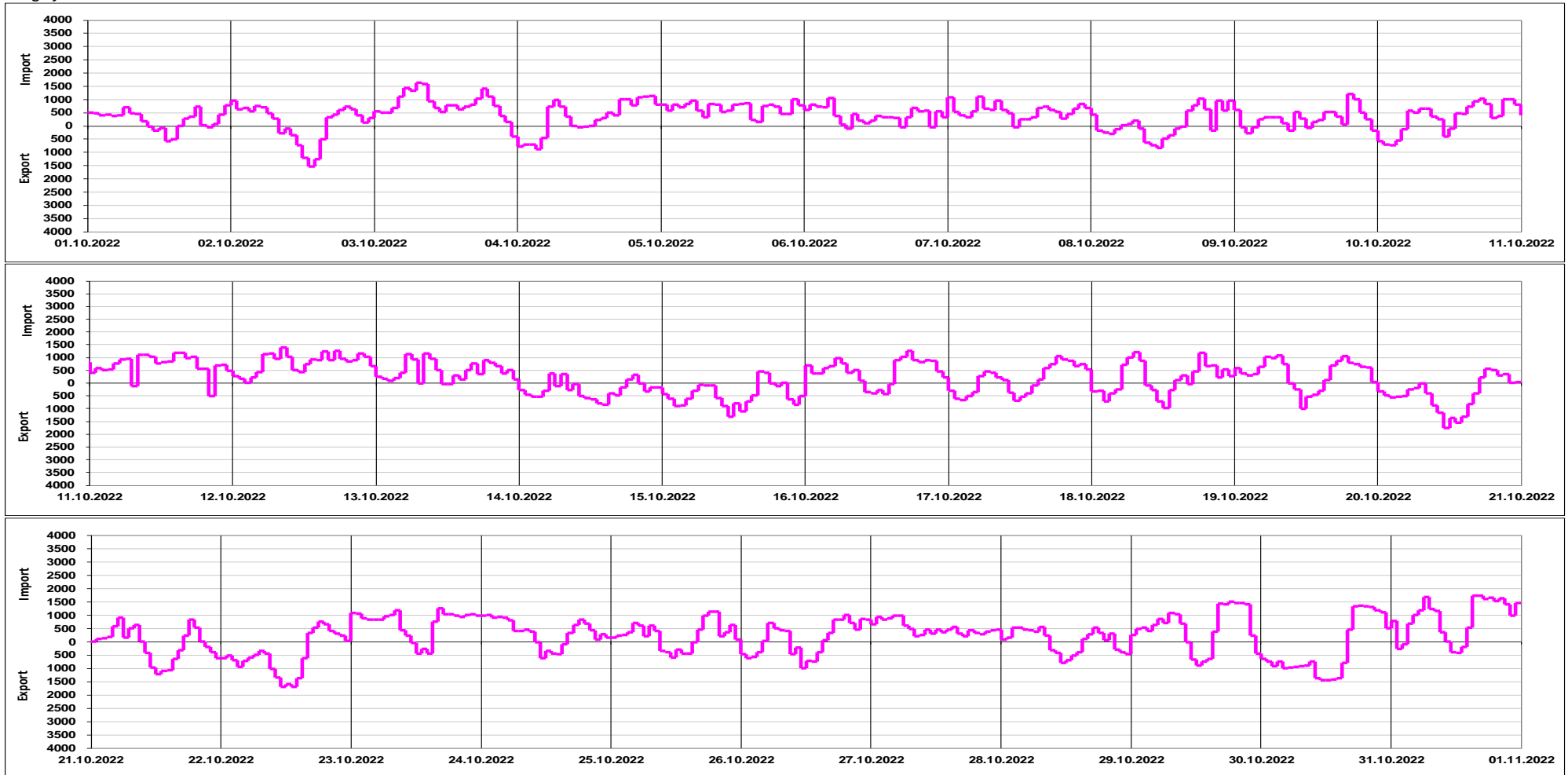
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Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Hungarian border

Hungary October 2022



Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Hungarian border



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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	182.43	148.95	143.42	139.07	170.29	295.10	380.73	419.31	407.79	290.02	269.26	248.65	210.45	185.47	157.31	181.11	254.80	276.05	384.89	423.58	296.00	255.39	219.40	114.93	423.58	
2	115.82	94.67	68.70	71.09	65.97	68.85	72.72	82.13	110.86	103.36	84.15	94.93	72.62	64.23	61.89	71.63	104.61	195.09	360.92	450.00	323.30	246.91	185.88	168.36	450.00	
3	98.00	107.33	102.01	98.99	109.10	137.28	350.61	400.72	405.55	301.34	203.01	163.60	168.67	142.35	157.40	202.26	218.58	324.05	391.11	545.10	379.85	321.30	318.42	280.57	545.10	
4	207.54	174.64	153.87	169.10	187.69	196.92	329.97	427.50	497.39	331.97	271.65	228.14	250.89	202.26	269.26	311.00	337.91	371.00	586.30	680.54	500.00	323.30	309.49	252.47	680.54	
5	181.70	142.03	94.91	125.27	139.96	268.09	299.21	343.97	360.80	291.24	261.36	213.70	178.62	202.30	212.75	268.00	289.67	337.48	606.31	696.38	449.25	296.07	285.00	231.80	696.38	
6	162.66	112.41	104.96	117.79	114.62	201.00	264.03	344.28	349.03	240.73	217.27	163.74	139.70	165.37	171.00	203.60	238.71	269.48	351.00	424.30	345.60	232.30	203.46	191.49	424.30	
7	190.30	160.85	158.70	155.33	151.00	195.50	274.28	379.41	270.53	214.41	194.42	158.08	133.20	122.78	125.51	162.44	210.07	295.35	395.07	436.59	319.10	274.28	186.74	133.09	436.59	
8	140.49	130.94	131.87	135.10	132.54	140.10	153.49	214.96	213.93	196.85	185.39	171.71	156.17	180.20	182.93	190.67	192.86	278.99	400.00	525.05	545.40	322.08	324.95	192.46	545.40	
9	216.13	195.02	189.64	162.10	141.95	147.12	153.00	195.68	196.70	150.85	116.00	99.57	127.12	108.71	99.67	100.53	157.23	253.61	520.00	305.00	219.23	139.64	113.97	91.09	520.00	
10	111.25	103.02	97.81	94.29	79.29	141.40	275.33	227.26	273.61	203.86	163.70	163.49	181.01	210.00	243.93	254.34	257.88	297.81	399.98	528.49	499.67	194.53	205.90	159.34	528.49	
11	217.60	174.30	174.30	171.54	178.29	455.04	518.11	667.79	526.55	449.57	392.23	389.57	381.20	303.76	218.75	239.33	262.07	323.90	531.55	555.00	627.80	295.02	262.03	258.54	667.79	
12	236.57	222.21	251.07	198.99	219.90	240.18	306.64	482.67	483.88	334.67	283.71	260.00	244.37	222.03	219.57	233.05	272.89	295.09	378.40	479.97	341.00	273.02	243.69	228.57	483.88	
13	218.66	210.00	193.80	182.96	195.02	218.46	260.40	645.07	365.00	301.56	297.91	277.70	262.70	254.99	255.00	263.58	331.71	527.98	350.00	391.01	290.10	322.08	253.04	250.47	645.07	
14	231.32	219.60	212.12	211.62	218.92	229.49	286.59	350.00	412.65	327.39	297.26	260.33	262.01	238.37	221.42	242.69	258.60	274.00	290.00	314.46	266.99	217.94	220.03	193.00	412.65	
15	191.76	174.00	163.80	144.74	139.90	133.36	147.49	188.43	195.09	199.33	185.09	160.00	144.91	136.57	130.00	156.09	185.09	210.31	315.53	360.00	304.95	235.23	208.08	199.70	360.00	
16	123.99	139.97	107.52	75.76	82.06	134.86	141.64	126.74	124.42	124.40	111.45	110.26	84.91	86.20	85.45	103.94	124.41	174.11	383.47	383.52	250.00	144.96	140.04	134.55	383.52	
17	128.31	114.41	105.65	89.64	98.62	133.70	257.59	346.86	315.17	234.88	161.78	139.97	127.40	133.31	139.37	161.04	194.13	243.43	327.00	331.60	275.12	212.77	188.29	153.86	346.86	
18	141.64	135.71	140.35	139.95	150.35	157.66	220.52	336.00	303.45	272.35	203.07	181.02	167.21	156.16	161.85	180.32	277.94	245.00	335.00	335.04	315.98	215.87	191.57	185.83	336.00	
19	135.45	125.18	121.42	125.10	133.10	158.35	169.36	243.83	252.93	209.87	180.82	170.97	151.95	144.83	142.68	158.16	168.91	249.20	241.46	254.54	212.72	171.34	154.07	137.05	254.54	
20	127.19	114.43	93.01	114.34	121.69	150.89	210.01	232.07	226.78	167.65	158.25	158.26	119.65	128.45	144.08	180.00	200.36	275.00	306.92	310.00	228.77	199.56	187.45	166.54	310.00	
21	134.9	118.6	113.4	111.0	112.5	158.8	183.4	260.0	282.0	243.2	188.7	179.8	174.3	166.4	177.8	187.1	230.9	236.8	255.6	263.8	219.9	185.8	170.0	145.1	281.97	
22	148.0	136.8	128.2	130.7	129.9	131.7	134.1	148.8	157.3	161.4	163.0	157.4	151.0	143.6	137.3	137.0	144.8	169.2	183.7	186.5	171.6	143.0	137.0	132.4	186.50	
23	110.7	99.2	93.5	90.0	91.0	88.1	100.6	109.1	117.2	113.9	96.0	93.3	83.9	76.2	78.3	92.2	124.4	401.0	555.0	491.6	329.4	370.9	322.5	248.4	555.00	
24	140.0	100.2	100.9	100.0	140.0	338.5	521.1	404.2	306.8	203.0	168.6	146.8	140.0	140.0	153.0	186.6	323.6	376.9	383.5	304.2	253.1	215.4	178.0	165.0	521.07	
25	123.1	100.0	90.3	90.0	103.4	154.0	180.7	248.4	212.4	171.5	171.5	152.1	155.4	133.5	121.4	132.0	138.2	200.5	236.1	215.0	165.1	134.5	124.4	112.3	248.37	
26	98.5	92.1	89.0	92.8	100.5	115.7	171.5	250.9	220.7	184.0	134.3	130.3	124.8	113.3	116.0	134.0	211.0	267.0	557.2	337.5	295.7	200.5	166.1	144.0	557.15	
27	149.3	116.2	104.4	106.3	130.0	149.0	202.5	256.7	253.4	197.4	157.3	145.1	138.3	132.9	146.0	155.2	162.5	300.1	380.9	239.1	200.9	161.1	161.2	148.1	380.90	
28	124.95	123.00	106.28	89.19	107.91	135.28	145.21	165.30	178.95	150.79	137.00	130.75	119.25	113.24	120.33	127.81	138.68	149.51	192.82	196.87	165.29	148.01	145.35	126.07	196.87	
29	102.29	92.77	90.41	87.98	87.00	88.34	96.56	114.56	115.04	109.00	95.48	87.00	84.66	82.56	84.39	93.86	110.50	190.36	209.10	142.97	154.73	109.90	104.04	97.49	209.10	
30	99.63	97.24	93.50	70.50	85.03	92.92	98.98	100.55	71.10	30.53	71.24	97.81	100.03	100.00	100.00	109.43	124.61	140.95	156.00	170.38	165.00	147.52	140.38	127.00	109.26	170.38
31	130.39	119.09	116.32	114.60	115.07	198.46	172.35	187.14	168.00	153.30	143.35	141.95	141.96	145.96	155.00	169.15	357.94	312.45	228.72	180.40	153.07	136.78	126.91	115.63	357.94	

Average 206.03 EUR/MWh

RO-HU

October 2022

Public



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Hungarian border

Price difference DAM RO - DAM HU (absolute values) [Euro/MWh]

Price difference DAM RO - DAM HU (absolute values) [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	5.50	3.73	4.52	6.13	-	-	20.54	1.21	4.39	-	-	0.44	0.94	-	0.70	0.25	0.44	0.15	17.56	18.55	8.09	5.28	4.24	3.72	20.54	
2	6.61	4.18	3.29	0.90	2.16	2.96	3.83	5.67	1.71	0.90	0.66	1.84	1.00	0.51	0.70	0.61	0.89	0.18	4.05	11.12	4.72	3.91	6.11	4.67	11.12	
3	3.25	2.03	3.75	2.42	2.23	1.42	9.20	9.08	15.28	2.54	2.26	4.82	7.68	0.86	7.66	1.48	0.30	0.07	-	25.17	-	-	-	0.29	25.17	
4	1.03	0.51	1.22	-	-	-	-	-	-	0.76	0.76	0.64	-	5.13	2.70	3.34	7.19	2.41	16.30	19.30	13.87	5.83	0.30	2.36	19.30	
5	1.01	13.98	4.96	9.78	3.53	3.25	2.32	3.19	4.50	10.49	5.92	12.83	1.95	21.69	7.83	3.07	6.68	37.97	185.59	186.35	5.29	9.35	11.93	12.84	186.35	
6	4.14	1.94	2.15	1.88	1.88	3.70	1.69	3.20	11.37	18.51	3.03	2.71	7.39	1.76	0.57	1.27	0.82	4.48	9.15	2.09	5.54	1.19	0.86	0.44	18.51	
7	1.49	4.01	1.58	2.13	-	1.88	46.38	53.49	24.01	2.14	1.39	1.83	1.81	2.96	4.16	5.14	32.74	8.89	0.36	2.86	1.49	1.19	1.80	2.13	53.49	
8	1.01	0.99	0.77	0.65	0.67	0.52	2.19	10.43	8.59	0.81	4.46	10.53	3.51	4.62	0.63	0.95	11.54	-	6.61	-	293.93	78.06	128.19	1.95	293.93	
9	-	-	0.04	-	-	-	-	-	-	-	-	0.01	52.89	0.48	0.31	0.16	3.85	8.66	-	30.09	0.40	1.83	1.89	2.14	52.89	
10	4.70	3.73	2.44	2.43	0.66	-	3.78	-	1.15	1.98	1.95	1.76	3.52	1.29	6.34	7.14	8.49	2.20	105.27	181.73	240.61	0.65	11.81	-	240.61	
11	0.82	-	-	-	0.84	251.22	208.16	12.22	176.82	148.11	133.35	144.42	161.63	84.34	4.44	2.82	1.05	-	75.07	61.61	-	-	-	-	251.22	
12	-	-	36.60	-	-	0.04	0.07	1.23	5.48	2.36	-	1.11	23.81	0.22	0.11	2.45	-	-	-	-	13.38	-	0.01	-	36.60	
13	-	-	-	-	-	-	0.03	232.79	28.08	-	11.20	-	-	-	-	-	17.10	123.96	29.81	16.49	-	68.01	1.52	3.75	232.79	
14	-	-	-	-	-	-	0.38	-	-	-	-	2.53	-	-	-	-	-	-	-	3.15	-	-	-	-	3.15	
15	-	-	-	-	-	-	-	0.87	-	-	-	-	-	-	-	-	0.98	1.11	0.45	5.35	6.81	5.50	3.93	4.06	6.81	
16	0.75	1.29	0.77	0.14	0.02	2.16	2.35	6.98	8.61	6.68	5.70	5.67	1.64	6.43	6.97	6.85	1.83	0.66	26.50	21.47	9.70	-	-	-	26.50	
17	-	-	-	-	0.13	0.49	-	1.82	6.22	3.37	1.68	1.20	1.60	0.74	0.73	0.06	0.65	0.97	43.46	12.85	5.99	1.33	1.25	1.87	43.46	
18	-	-	-	-	0.03	0.14	0.94	31.10	3.46	5.89	0.04	0.04	0.01	0.66	0.21	0.68	10.88	0.57	5.91	10.01	0.97	1.37	1.56	1.71	31.10	
19	0.06	-	-	0.01	0.05	9.77	0.09	4.04	1.31	0.22	0.21	0.23	0.05	0.24	0.02	0.55	0.15	51.31	0.13	5.24	1.24	0.77	0.12	0.06	51.31	
20	0.19	0.26	0.28	0.41	0.70	0.03	0.77	-	-	-	13.23	0.71	46.77	26.57	6.68	0.63	1.08	3.68	41.18	27.83	1.69	1.82	1.01	0.65	46.77	
21	0.24	-	-	-	0.24	27.51	0.06	2.50	7.23	4.57	0.27	0.01	0.12	0.02	0.10	0.28	0.61	1.86	4.12	7.37	3.82	0.53	0.30	0.01	27.51	
22	0.12	0.01	0.16	0.23	0.33	0.41	0.13	0.18	0.58	0.41	0.56	0.77	0.43	0.46	0.47	0.37	0.78	0.68	-	-	0.08	-	-	-	0.78	
23	-	-	-	-	0.16	0.14	0.34	0.07	0.65	0.13	-	-	0.01	-	-	0.23	15.51	269.46	404.89	336.11	195.04	246.55	205.10	151.62	404.89	
24	30.38	-	0.91	-	31.94	226.10	240.14	119.98	66.92	3.36	2.18	-	-	-	-	4.36	6.50	115.22	79.96	5.18	2.75	8.01	5.04	3.96	240.14	
25	1.47	1.75	1.08	1.62	1.79	26.34	7.27	7.80	3.77	1.87	2.94	-	2.22	1.97	1.12	1.90	0.69	15.19	30.94	3.27	0.46	0.03	0.04	-	30.94	
26	0.02	0.01	0.01	0.04	0.07	0.02	20.09	93.80	10.29	7.55	0.04	0.11	0.12	0.11	0.11	0.02	63.81	104.24	237.44	21.48	48.55	-	38.33	30.59	237.44	
27	4.81	3.25	0.54	0.62	21.51	4.04	36.72	4.65	1.44	13.92	11.41	8.23	9.05	9.91	15.97	11.12	1.64	-	25.04	10.26	6.08	3.15	3.29	10.47	36.72	
28	2.53	2.08	1.21	0.02	1.13	2.51	6.19	4.74	5.25	1.94	0.30	0.56	0.35	0.79	0.95	-	1.73	-	13.84	4.35	3.20	2.60	3.55	2.23	13.84	
29	0.40	-	-	-	-	0.01	0.22	2.00	-	-	-	-	-	0.02	0.03	0.01	0.10	0.26	49.31	66.56	1.14	32.96	-	0.01	-	66.56
30	3.24	3.11	6.42	27.78	12.73	5.31	-	-	37.25	82.27	31.46	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	82.27
31	0.08	-	-	-	-	75.51	25.06	20.94	-	-	-	-	-	-	-	-	180.54	112.58	46.32	11.34	5.34	-	0.08	7.55	180.54	

Average 17.69 EUR/MWh

RO-HU

October 2022

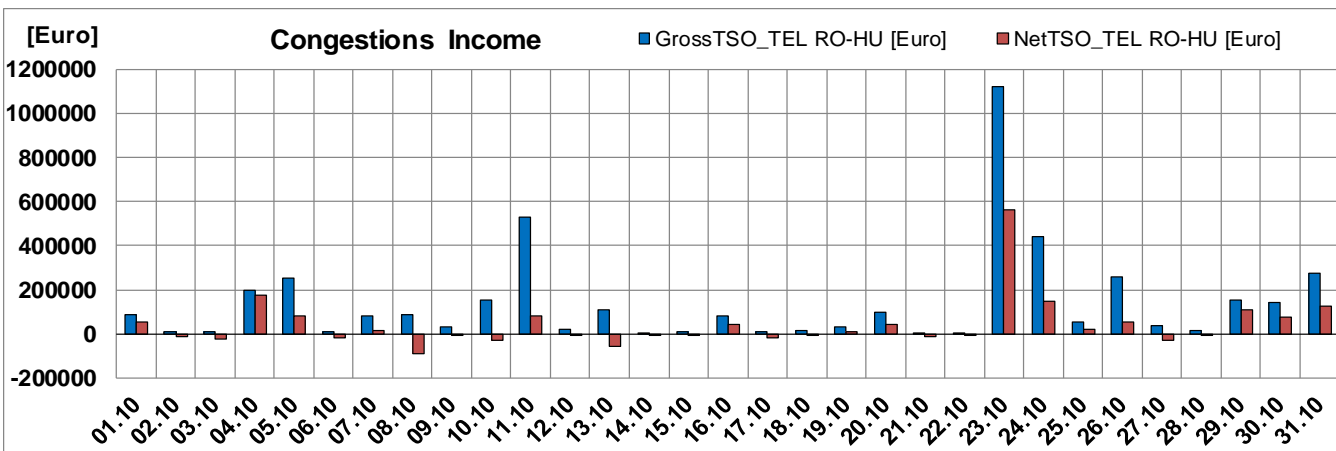
Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Hungarian border



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Day	GrossHub_R O RO-HU [Euro]	GrossTSO_T EL RO-HU [Euro]	NetHub_RO RO-HU [Euro]	NetTSO_TEL RO-HU [Euro]
01.10	86 772	86 772	54 039	54 039
02.10	9 786	9 786	- 12 717	- 12 717
03.10	9 640	9 640	- 21 661	- 21 661
04.10	198 822	198 822	173 072	173 072
05.10	253 489	253 489	79 352	79 352
06.10	11 254	11 254	- 16 962	- 16 962
07.10	79 039	79 039	15 737	15 737
08.10	84 745	84 745	- 91 086	- 91 086
09.10	28 709	28 709	- 3 354	- 3 354
10.10	154 380	154 380	- 28 161	- 28 161
11.10	530 414	530 414	79 238	79 238
12.10	18 153	18 153	- 8 560	- 8 560
13.10	106 248	106 248	- 57 581	- 57 581
14.10	1 006	1 006	- 860	- 860
15.10	8 470	8 470	- 666	- 666
16.10	80 902	80 902	42 984	42 984
17.10	8 064	8 064	- 18 507	- 18 507
18.10	14 620	14 620	- 8 846	- 8 846
19.10	31 926	31 926	8 575	8 575
20.10	97 373	97 373	42 481	42 481
21.10	4 160	4 160	- 14 847	- 14 847
22.10	1 452	1 452	- 801	- 801
23.10	1 123 430	1 123 430	561 919	561 919
24.10	441 316	441 316	148 302	148 302
25.10	55 599	55 599	20 073	20 073
26.10	259 005	259 005	50 812	50 812
27.10	38 285	38 285	- 28 479	- 28 479
28.10	15 704	15 704	- 3 377	- 3 377
29.10	153 427	153 427	106 362	106 362
30.10	142 524	142 524	76 507	76 507
31.10	277 178	277 178	127 935	127 935
Total	4 325 892	4 325 892	1 270 923	1 270 923

UIOSI and FTR Remuneration [Euro]		RO TSO UIOSI and FTR Remuneration [Euro]	
RO-HU	HU-RO	RO-HU	HU-RO
288 427	5 821 510	144 213	2 910 755
6 109 937		3 054 968	
RO TSO Daily Auctions Income gross values [Euro]		RO TSO Income after remuneration [Euro]	
4 325 892		1 270 923	

Note: data are presented in CET hours as resulted from the SDAC coupling algorithm.
Gross values don't take into account UIOSI and financial rights (FTR) remuneration.



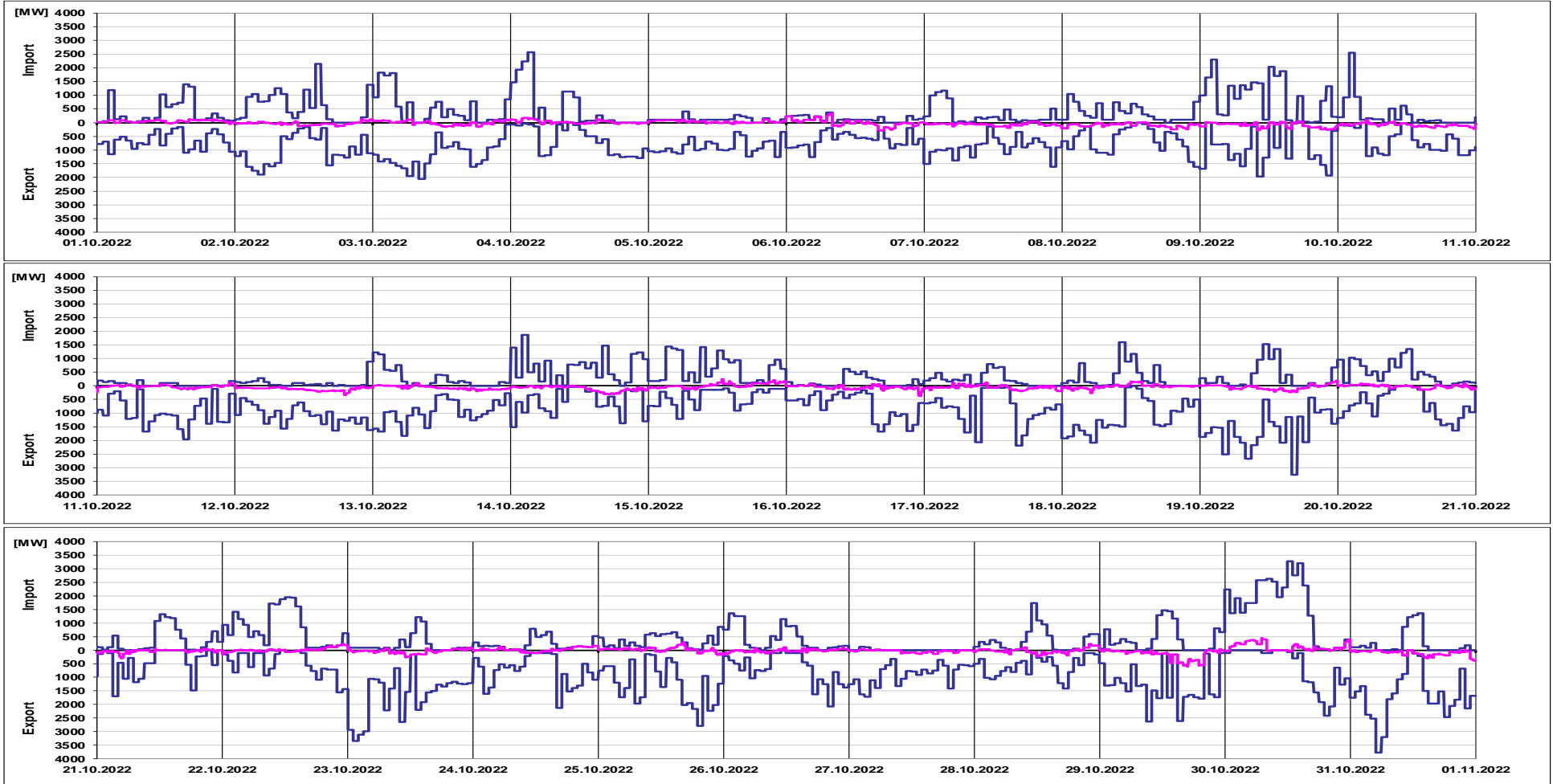
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Market for Allocation of Cross-Border Capacities

Intraday Implicit Auctions on Romanian – Hungarian border

Note: The ATC are the initial values resulted from the calculation process, after the daily flow - based allocation.

Hungary October 2022

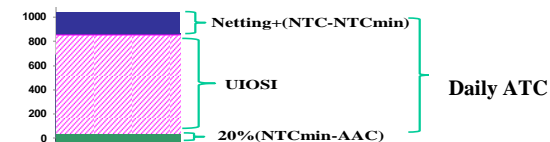


Offered Capacity on Intraday Auction [MW]
Net Position border RO - HU [MW]

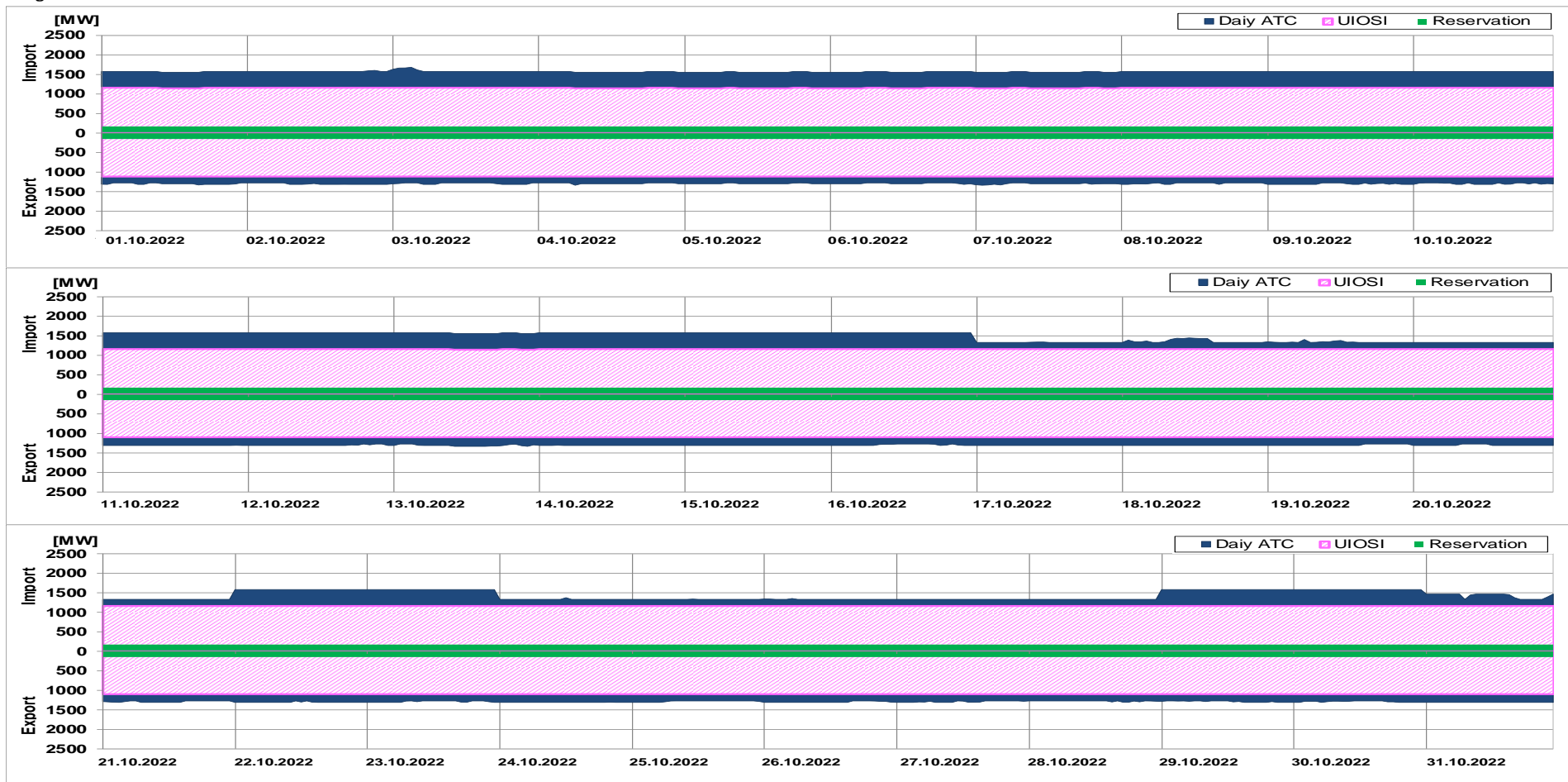
Public

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
150	170	1100	1155



Bulgaria October 2022



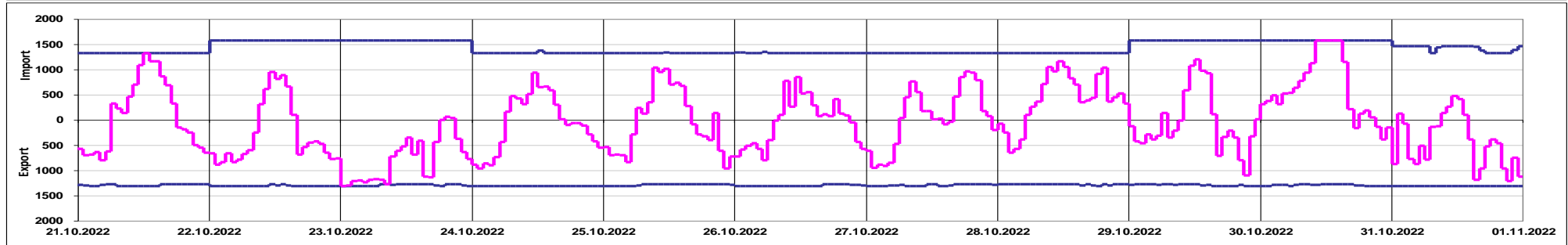
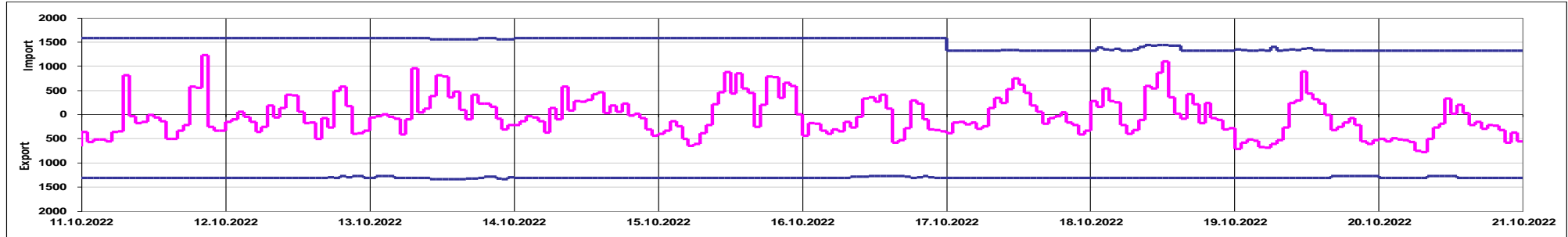
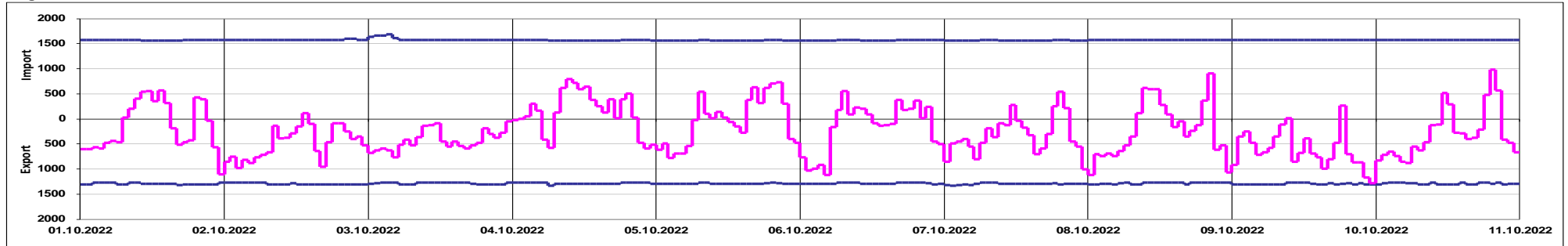


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Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Implicit Auctions on Romanian – Bulgarian border

Bulgaria October 2022



Offered Capacity on Daily Auction [MW]

Net Position Border RO – BG [MW]

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	182.43	148.95	143.42	139.07	170.29	295.10	380.73	419.31	407.79	290.02	269.26	248.65	210.45	185.47	157.31	181.11	254.80	276.05	384.89	423.58	296.00	255.39	219.40	114.93	423.58	
2	115.82	94.67	68.70	71.09	65.97	68.85	72.72	82.13	110.86	103.36	84.15	94.93	72.62	64.23	61.89	71.63	104.61	195.09	360.92	450.00	323.30	246.91	185.88	168.36	450.00	
3	98.00	107.33	102.01	98.99	109.10	137.28	350.61	400.72	405.55	301.34	203.01	163.60	168.67	142.35	157.40	202.26	218.58	324.05	391.11	545.10	379.85	321.30	318.42	280.57	545.10	
4	207.54	174.64	153.87	169.10	187.69	196.92	329.97	427.50	497.39	331.97	271.65	228.14	250.89	202.26	269.26	311.00	337.91	371.00	586.30	680.54	500.00	323.30	309.49	252.47	680.54	
5	181.70	142.03	94.91	125.27	139.96	268.09	299.21	343.97	360.80	291.24	261.36	213.70	178.62	202.30	212.75	268.00	289.67	337.48	606.31	696.38	449.25	296.07	285.00	231.80	696.38	
6	162.66	112.41	104.96	117.79	114.62	201.00	264.03	344.28	349.03	240.73	217.27	163.74	139.70	165.37	171.00	203.60	238.71	269.48	351.00	424.30	345.60	232.30	203.46	191.49	424.30	
7	190.30	160.85	158.70	155.33	151.00	195.50	274.28	379.41	270.53	214.41	194.42	158.08	133.20	122.78	125.51	162.44	210.07	295.35	395.07	436.59	319.10	274.28	186.74	133.09	436.59	
8	140.49	130.94	131.87	135.10	132.54	140.10	153.49	214.96	213.93	196.85	185.39	171.71	156.17	180.20	182.93	190.67	192.86	278.99	400.00	525.05	545.40	322.08	324.95	192.46	545.40	
9	216.13	195.02	189.64	162.10	141.95	147.12	153.00	195.68	196.70	150.85	116.00	99.57	127.12	108.71	99.67	100.53	157.23	253.61	520.00	305.00	219.23	139.64	113.97	91.09	520.00	
10	111.25	103.02	97.81	94.29	79.29	141.40	275.33	227.26	273.61	203.86	163.70	163.49	181.01	210.00	243.93	254.34	257.88	297.81	399.98	528.49	499.67	194.53	205.90	159.34	528.49	
11	217.60	174.30	174.30	171.54	178.29	455.04	518.11	667.79	526.55	449.57	392.23	389.57	381.20	303.76	218.75	239.33	262.07	323.90	531.55	555.00	627.80	295.02	262.03	258.54	667.79	
12	236.57	222.21	251.07	198.99	219.90	240.18	306.64	482.67	483.88	334.67	283.71	260.00	244.37	222.03	219.57	233.05	272.89	295.09	378.40	479.97	341.00	273.02	243.69	228.57	483.88	
13	218.66	210.00	193.80	182.96	195.02	218.46	260.40	645.07	365.00	301.56	297.91	277.70	262.70	254.99	255.00	263.58	331.71	527.98	350.00	391.01	290.10	322.08	253.04	250.47	645.07	
14	231.32	219.60	212.12	211.62	218.92	229.49	286.59	350.00	412.65	327.39	297.26	260.33	262.01	238.37	221.42	242.69	258.60	274.00	290.00	314.46	266.99	217.94	220.03	193.00	412.65	
15	191.76	174.00	163.80	144.74	139.90	133.36	147.49	188.43	195.09	199.33	185.09	160.00	144.91	136.57	130.00	156.09	185.09	210.31	315.53	360.00	304.95	235.23	208.08	199.70	360.00	
16	123.99	139.97	107.52	75.76	82.06	134.86	141.64	126.74	124.42	124.40	111.45	110.26	84.91	86.20	85.45	103.94	124.41	174.11	383.47	383.52	250.00	144.96	140.04	134.55	383.52	
17	128.31	114.41	105.65	89.64	98.62	133.70	257.59	346.86	315.17	234.88	161.78	139.97	127.40	133.31	139.37	161.04	194.13	243.43	327.00	331.60	275.12	212.77	188.29	153.86	346.86	
18	141.64	135.71	140.35	139.95	150.35	157.66	220.52	336.00	303.45	272.35	203.07	181.02	167.21	156.16	161.85	180.32	277.94	245.00	335.00	335.04	315.98	215.87	191.57	185.83	336.00	
19	135.45	125.18	121.42	125.10	133.10	158.35	169.36	243.83	252.93	209.87	180.82	170.97	151.95	144.83	142.68	158.16	168.91	249.20	241.46	254.54	212.72	171.34	154.07	137.05	254.54	
20	127.19	114.43	93.01	114.34	121.69	150.89	210.01	232.07	226.78	167.65	158.25	158.26	119.65	128.45	144.08	180.00	200.36	275.00	306.92	310.00	228.77	199.56	187.45	166.54	310.00	
21	134.91	118.62	113.36	111.01	112.51	158.76	183.35	260.00	281.97	243.17	188.66	179.76	174.25	166.35	177.82	187.09	230.85	236.75	255.61	263.79	219.92	185.75	169.99	145.09	281.97	
22	147.96	136.77	128.18	130.71	129.91	131.70	134.05	148.82	157.34	161.42	163.03	157.38	150.99	143.64	137.29	136.95	144.81	169.20	183.65	186.50	171.55	143.00	137.01	132.42	186.50	
23	110.66	99.15	93.54	90.00	90.98	88.13	100.59	109.14	117.23	113.91	96.00	93.32	83.94	76.17	78.31	92.15	124.43	400.97	555.00	491.60	329.35	370.93	322.51	248.40	555.00	
24	139.95	100.16	100.91	100.00	139.96	338.49	521.07	404.24	306.79	202.98	168.59	146.76	139.97	139.96	152.99	186.59	323.55	376.93	383.49	304.20	253.13	215.41	178.00	165.00	521.07	
25	123.12	100.00	90.31	89.96	103.42	154.01	180.66	248.37	212.38	171.52	171.52	152.05	155.44	133.52	121.38	132.00	138.18	200.49	236.11	215.00	165.14	134.48	124.39	112.33	248.37	
26	98.54	92.09	89.02	92.80	100.47	115.74	171.45	250.88	220.66	183.96	134.28	130.28	124.76	113.28	115.97	133.96	211.00	267.04	557.15	337.45	295.68	200.45	166.12	144.00	557.15	
27	149.32	116.15	104.39	106.31	130.00	149.00	202.50	256.69	253.40	197.36	157.26	145.12	138.25	132.94	146.00	155.23	162.54	300.05	380.90	239.13	200.86	161.09	161.24	148.07	380.90	
28	124.95	123.00	106.28	89.19	107.91	135.28	145.21	165.30	178.95	150.79	137.00	130.75	119.25	113.24	120.33	127.81	138.68	149.51	192.82	196.87	165.29	148.01	145.35	126.07	196.87	
29	102.29	92.77	90.41	87.98	87.00	88.34	96.56	114.56	115.04	109.00	95.48	87.00	84.66	82.56	84.39	93.86	110.50	190.36	209.10	142.97	154.73	109.90	104.04	97.49	209.10	
30	99.63	97.24	93.50	70.50	85.03	92.92	98.98	100.55	71.10	30.53	71.24	97.81	100.03	100.00	100.00	109.43	124.61	140.95	156.00	170.38	165.00	147.52	140.38	127.00	109.26	170.38
31	130.39	119.09	116.32	114.60	115.07	198.46	172.35	187.14	168.00	153.30	143.35	141.95	141.96	145.96	155.00	169.15	357.94	312.45	228.72	180.40	153.07	136.78	126.91	115.63	357.94	

Average 206.03 EUR/MWh

RO-BG

October 2022



Transelectrica®
Societate Administrată în Sistem Dualist

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	-	-	-	-	-	-	-	-	-	-	-	-	0.61	-	-	-	-	-	-	-	-	-	-	-	-	0.61
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
23	6.94	-	-	-	-	-	-	0.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.94
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
30	-	-	-	-	-	-	-	-	-	-	1.61	23.29	40.00	4.57	1.66	-	-	-	-	-	-	-	-	-	-	40.00
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00

Media 9.88 EUR/MWh

RO-BG

October 2022

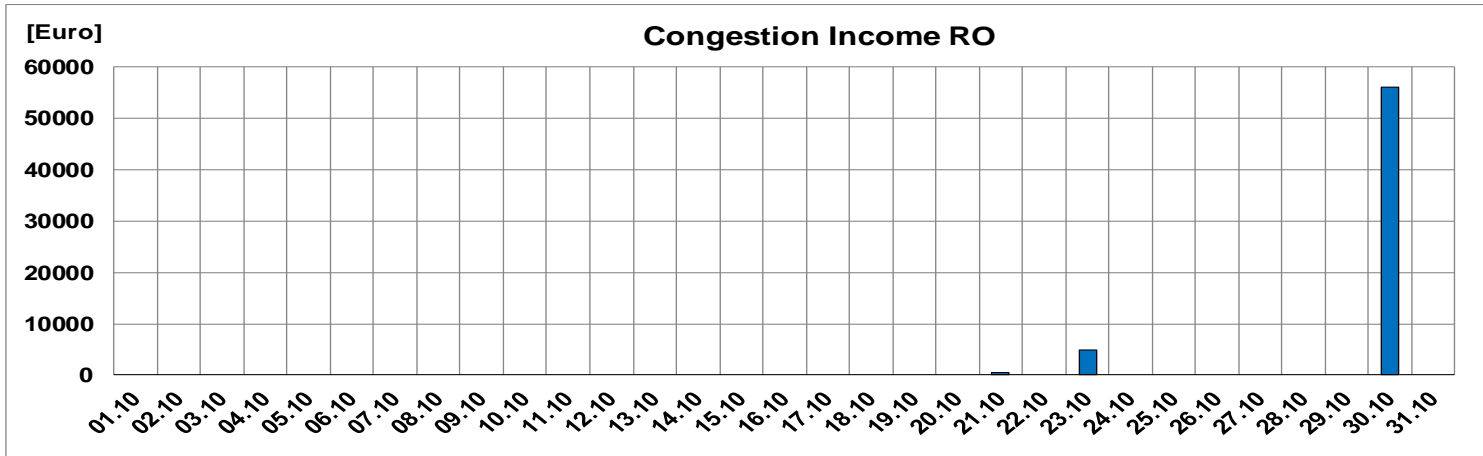
Market for Allocation of Cross-Border Capacities



Transelectrica®

Societate Administrată în Sistem Dualist

Daily Implicit Auctions on Romanian – Bulgarian border



Day	Congestion Income border RO-BG [Euro]	Congestion Income RO [Euro]
01.10	0	0
02.10	0	0
03.10	0	0
04.10	0	0
05.10	0	0
06.10	0	0
07.10	0	0
08.10	0	0
09.10	0	0
10.10	0	0
11.10	0	0
12.10	0	0
13.10	0	0
14.10	0	0
15.10	0	0
16.10	0	0
17.10	0	0
18.10	0	0
19.10	0	0
20.10	0	0
21.10	809	405
22.10	0	0
23.10	9 569	4 785
24.10	0	0
25.10	0	0
26.10	0	0
27.10	0	0
28.10	0	0
29.10	0	0
30.10	112 172	56 086
31.10	0	0
Total	122 551	61 275

Daily Auctions Income [Euro]		UIOSI Remuneration [Euro]	
RO-BG	BG-RO	RO-BG	BG-RO
9 569	112 981	8 041	83 003
122 551		91 044	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
31 507	15 753



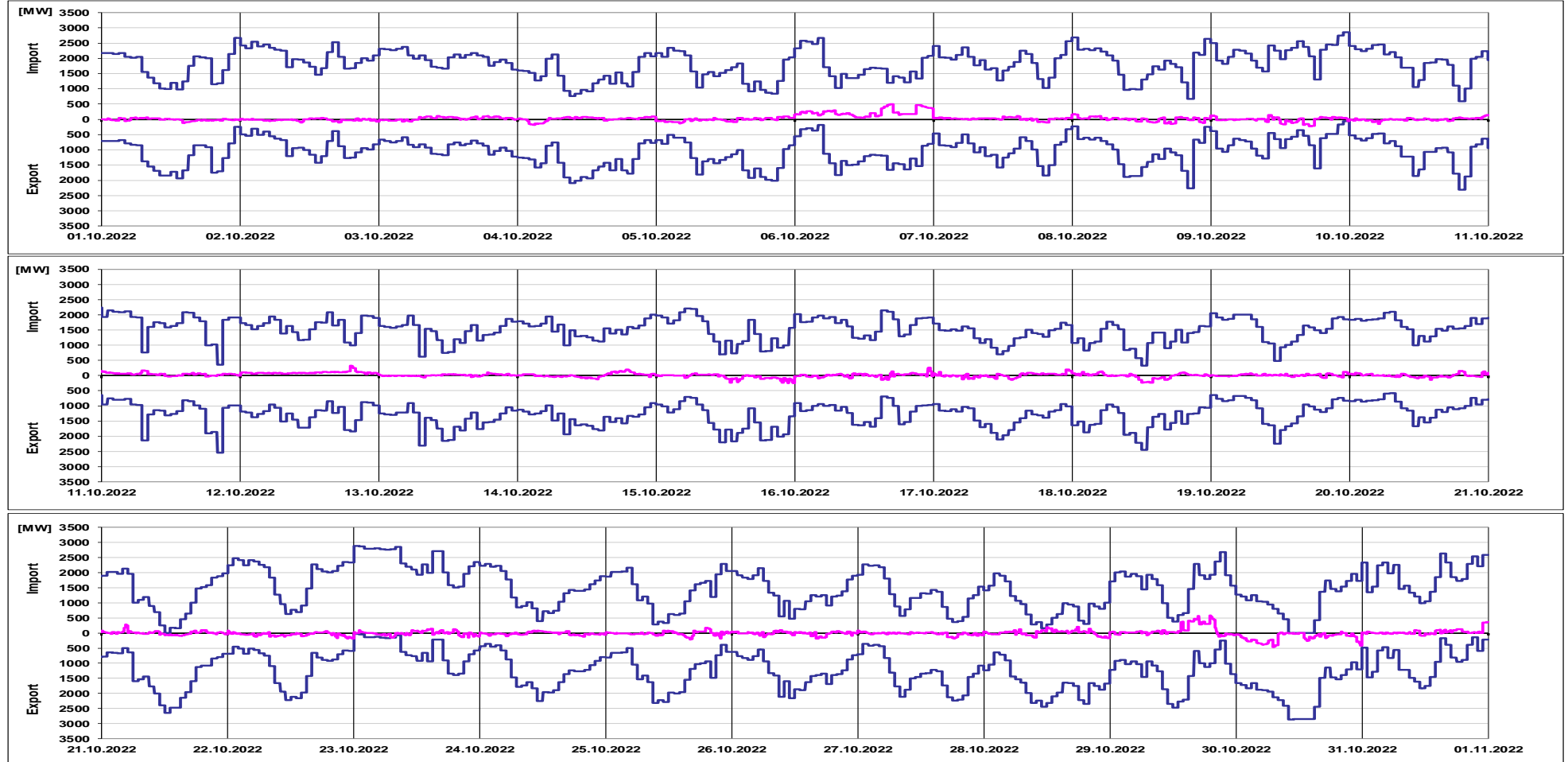
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Market for Allocation of Cross-Border Capacities

Intraday Implicit Auctions on Romanian – Bulgarian border

Bulgaria October 2022



Offered Capacity on Intraday Auction [MW]

Net Position border RO - BG [MW]

Public

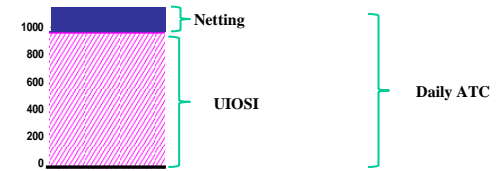


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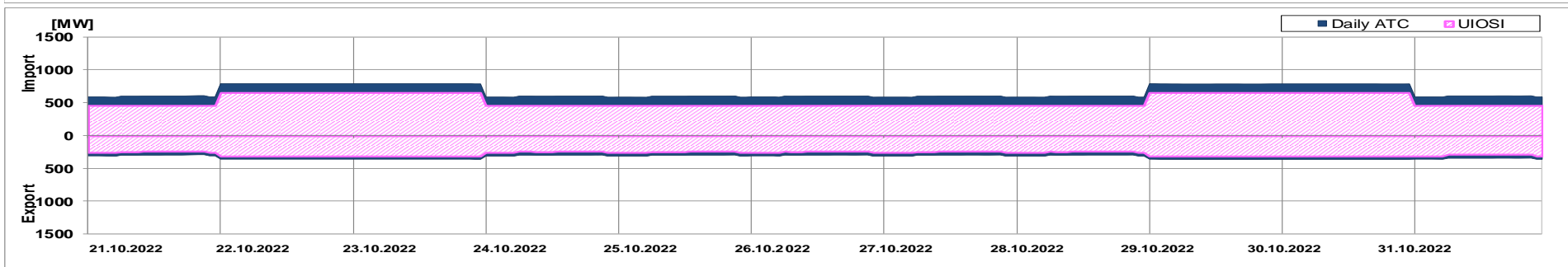
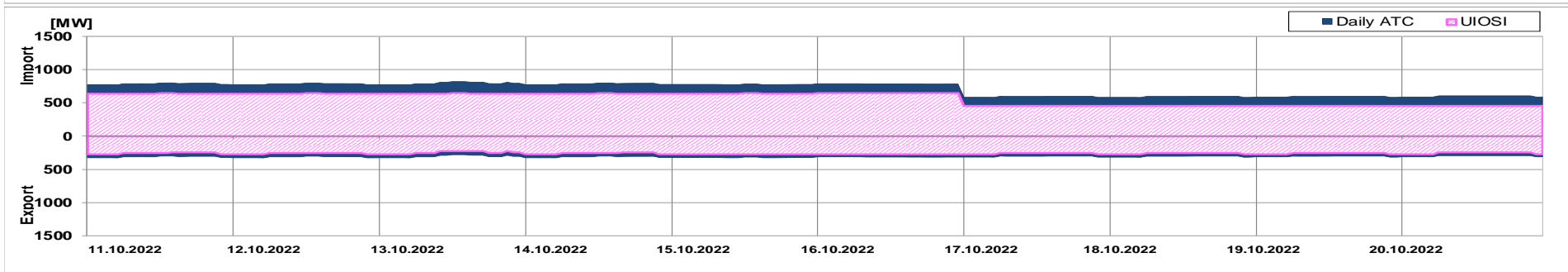
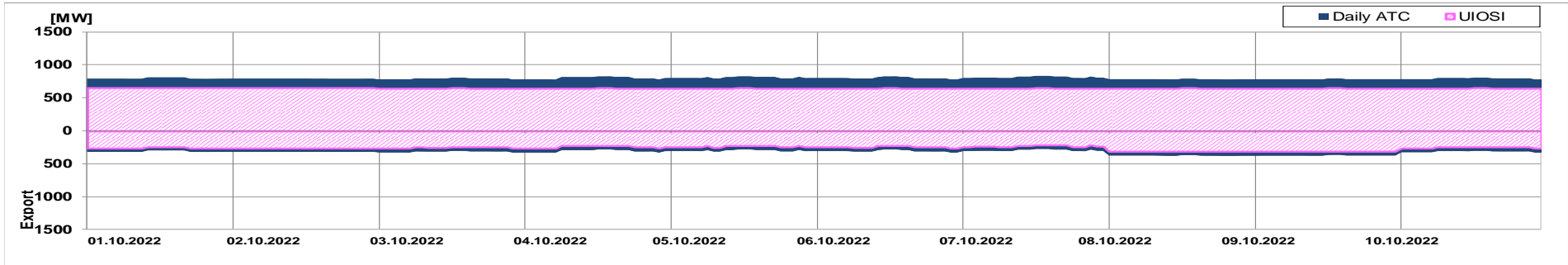
Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Serbian border

Unused Capacity [MW] average value	
RO-RS	RS-RO
267	576



Serbia October 2022



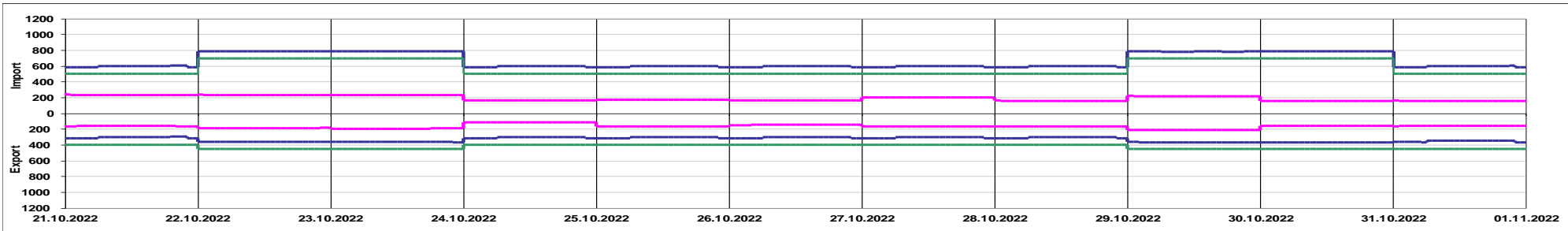
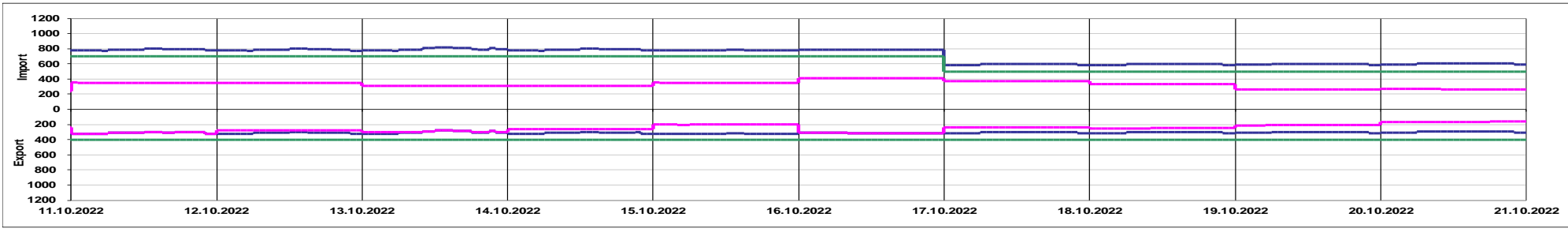
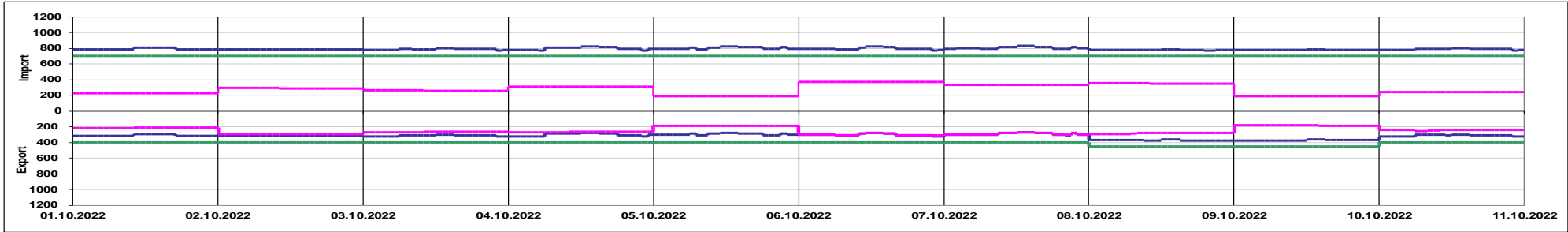


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Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Serbian border

Serbia October 2022



Offered Capacity on Daily Auction [MW]

Allocated Capacity on Daily Auction [MW]

Net Transfer Capacity (NTC) [MW]



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

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	25	Max
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.05	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
7	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.04	0.04	0.04	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	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	0.04	0.04	0.04	0.04	0.04	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.01	0.01	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	0.05	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.00	0.00	0.00	0.05	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Serbia October 2022

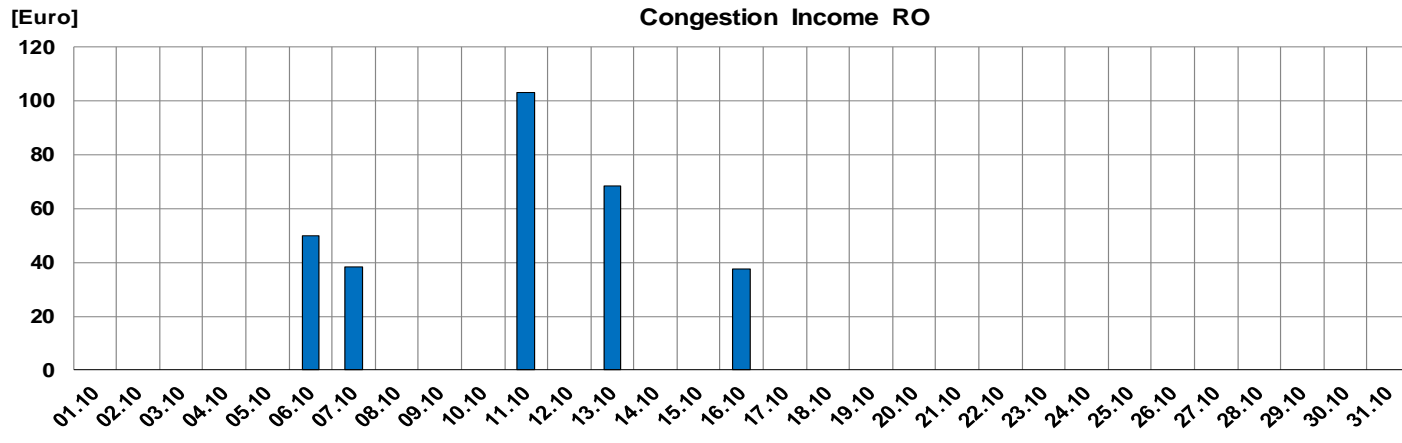
Market for Allocation of Cross-Border Capacities



Transelectrica®

Societate Administrată în Sistem Dualist

Daily Explicit Allocation on Romanian – Serbian border



Day	Congestion Income border RO-RS [Euro]	Congestion Income RO [Euro]
01.10	0	0
02.10	0	0
03.10	0	0
04.10	0	0
05.10	0	0
06.10	100	50
07.10	77	38
08.10	0	0
09.10	0	0
10.10	0	0
11.10	206	103
12.10	0	0
13.10	137	69
14.10	0	0
15.10	0	0
16.10	75	38
17.10	0	0
18.10	0	0
19.10	0	0
20.10	0	0
21.10	0	0
22.10	0	0
23.10	0	0
24.10	0	0
25.10	0	0
26.10	0	0
27.10	0	0
28.10	0	0
29.10	0	0
30.10	0	0
31.10	0	0
Total	595	298

Daily Auctions Income [Euro]		UIOSI Remuneration [Euro]	
RO-RS	RS-RO	RO-RS	RS-RO
595	0	484	0
595		484	

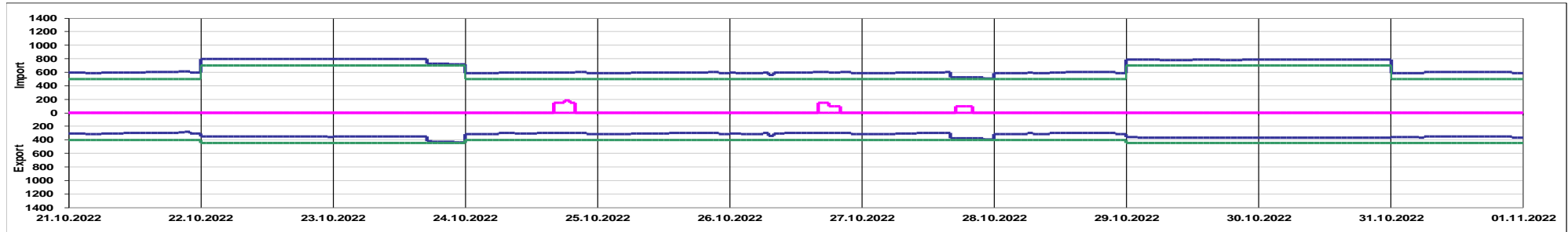
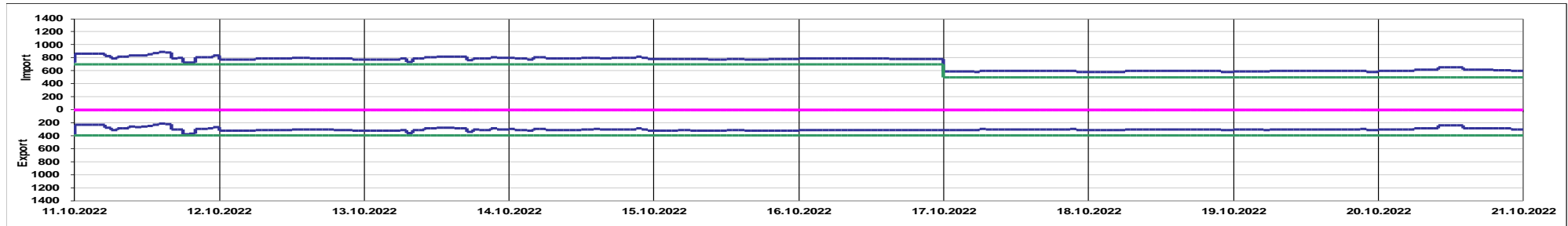
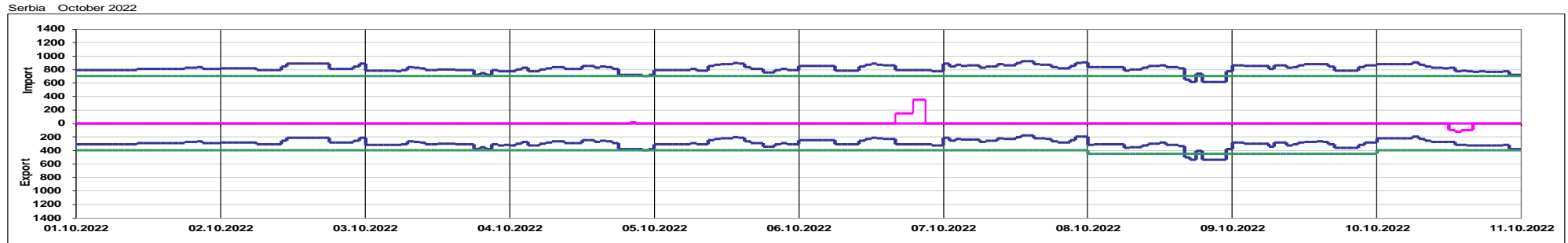
TSOs Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
111	56



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Market for Allocation of Cross-Border Capacities

Intraday Explicit Auctions on Romanian – Serbian border



Offered Capacity on Intraday Auction [MW]

Allocated Capacity on Intraday Auction [MW]

Net Transfer Capacity (NTC) [MW]

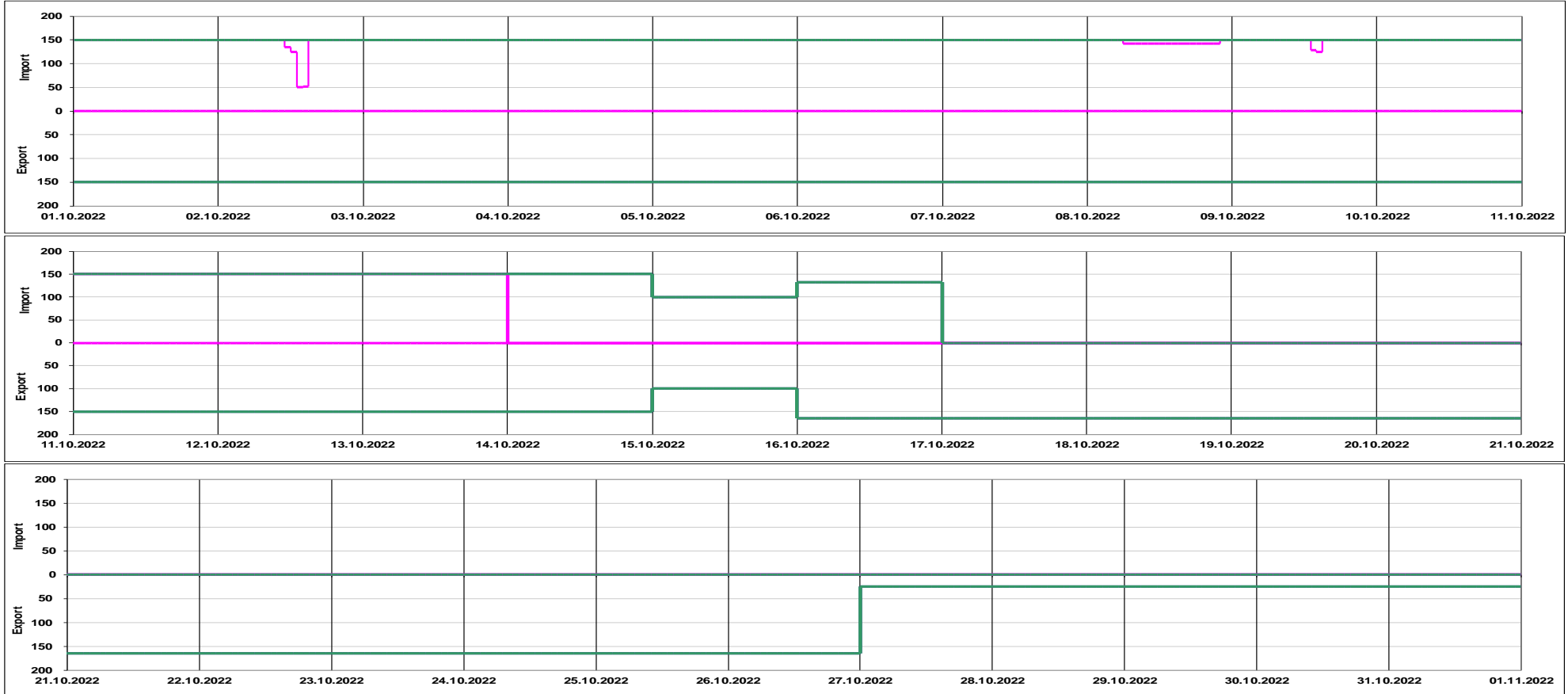


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Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Ukrainian border

Ukraine October 2022



Offered Capacity on Daily Auction [MW]

Allocated Capacity on Daily Auction [MW]

Net Transfer Capacity (NTC) [MW]

Note: Between 17.10.2022 – 31.10.2022, NTC/offered capacity values were zero on import direction of daily auctions due to the armed events that took place in Ukraine and the cancellation of exports from Ukraine to all neighbors.



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Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Ukrainian 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	25	Max
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Ukraine October 2022

Note: the values represent the results of daily auctions organized by the Romanian TSO. Between 17.10.2022 – 31.10.2022, NTC/offered capacity values were zero on import direction of daily auctions due to the armed events that took place in Ukraine and the cancellation of exports from Ukraine to all neighbors.

Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Ukrainian 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	25	Max
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00

Ukraine October 2022

Note: the values represent the results of daily auctions organized by the Romanian TSO. Between 17.10.2022 – 31.10.2022, NTC/offered capacity values were zero on import direction of daily auctions due to the armed events that took place in Ukraine and the cancellation of exports from Ukraine to all neighbors.

Market for Allocation of Cross-Border Capacities



Transelectrica®

Societate Administrată în Sistem Dualist

Daily Explicit Allocation on Romanian – Ukrainian border

Daily Auctions Income for RO TSO [Euro]	
RO-UA	UA-RO
0	0
0	

Day	Income for RO TSO congestion border RO-UA [Euro]
01.10	0
02.10	0
03.10	0
04.10	0
05.10	0
06.10	0
07.10	0
08.10	0
09.10	0
10.10	0
11.10	0
12.10	0
13.10	0
14.10	0
15.10	0
16.10	0
17.10	0
18.10	0
19.10	0
20.10	0
21.10	0
22.10	0
23.10	0
24.10	0
25.10	0
26.10	0
27.10	0
28.10	0
29.10	0
30.10	0
31.10	0
Total	0

Note: the values represent the results of daily auctions organized by the Romanian TSO.

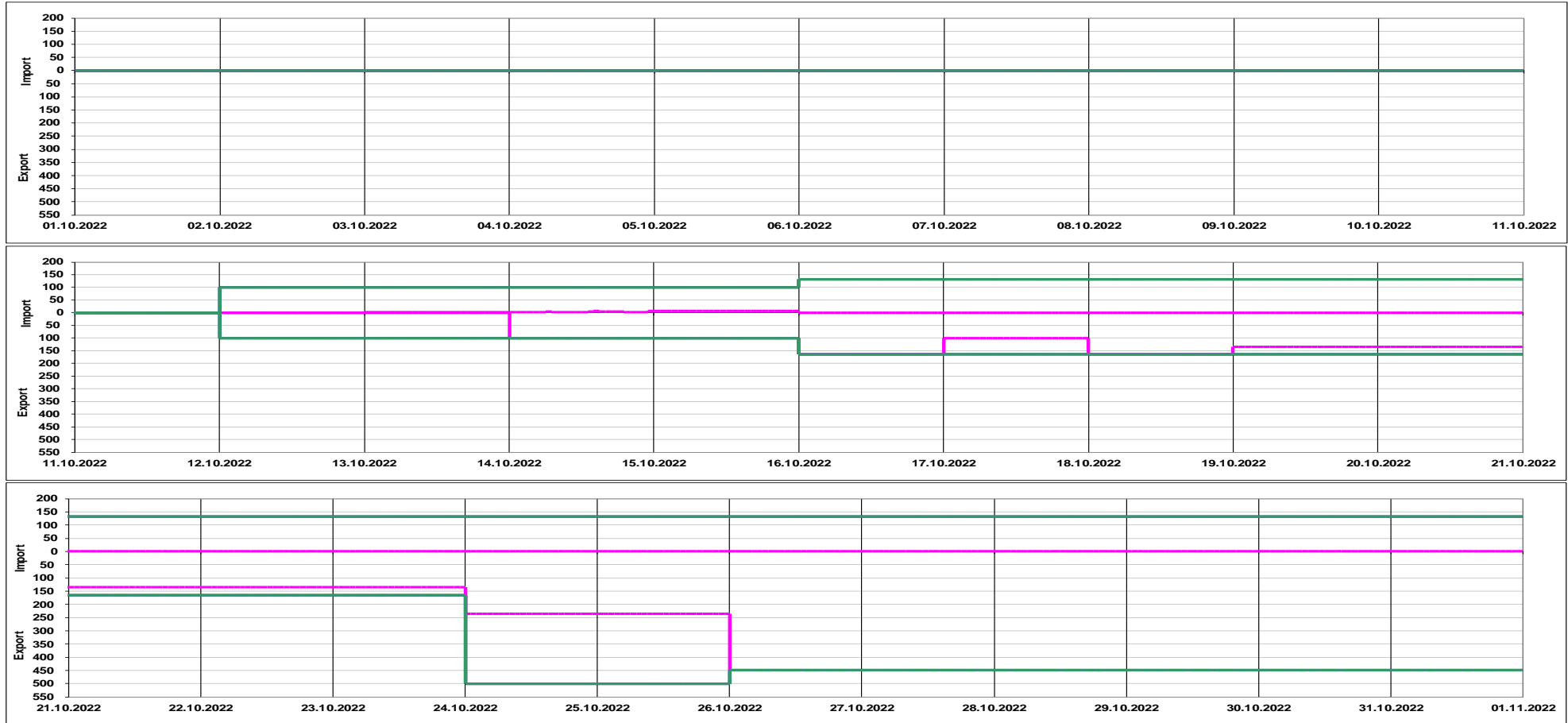


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Moldavian border

Moldavia October 2022



Offered Capacity on Daily Auction [MW]

Allocated Capacity on Daily Auction [MW]

Net Transfer Capacity (NTC) [MW]

Note: Starting with 11.10.2022 (for the delivery day 12.10.2022), daily capacity allocation was organized on Romanian – Moldavian border.



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Moldavian 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	25	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Moldavia October 2022

Note: Starting with 11.10.2022 (for the delivery day 12.10.2022), daily capacity allocation was organized on Romanian – Moldavian border.



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Explicit Auctions on Romanian – Moldavian 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	25	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Moldavia October 2022

Note: Starting with 11.10.2022 (for the delivery day 12.10.2022), daily capacity allocation was organized on Romanian – Moldavian border.

Market for Allocation of Cross-Border Capacities



Transelectrica®
Societate Administrată în Sistem Dualist

Daily Explicit Allocation on Romanian – Moldavian border

Daily Auctions Income for RO TSO [Euro]	
RO-MD	MD-RO
0	0
0	

Day MD	Income for RO TSO congestion border RO-MD [Euro]
01.10	
02.10	
03.10	
04.10	
05.10	
06.10	
07.10	
08.10	
09.10	
10.10	
11.10	
12.10	0
13.10	0
14.10	0
15.10	0
16.10	0
17.10	0
18.10	0
19.10	0
20.10	0
21.10	0
22.10	0
23.10	0
24.10	0
25.10	0
26.10	0
27.10	0
28.10	0
29.10	0
30.10	0
31.10	0
Total	0

Note: Starting with 11.10.2022 (for the delivery day 12.10.2022), daily capacity allocation was organized on Romanian – Moldavian border.



Transelectrica[®]
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Monthly Auctions Bids Statistics

October 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
Hungary export	Number of Capacity Traders	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
	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	16	16
	Number of Bids	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343
Hungary import	Number of Capacity Traders	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
	Number of Capacity Holders	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	15	15
	Number of Bids	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264
Bulgaria export	Number of Capacity Traders	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
	Number of Capacity Holders	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	13	13
	Number of Bids	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
Bulgaria import	Number of Capacity Traders	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
	Number of Capacity Holders	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
	Number of Bids	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309
Serbia export	Number of Capacity Traders	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of Capacity Holders	7	7	7	7	7	7	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7	7	7	7	8	8	8
	Number of Bids	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Serbia import	Number of Capacity Traders	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10
	Number of Capacity Holders	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	9	9	8	8	8	8	8	9	8
	Number of Bids	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	53	53	53	53	53	54	54	53	53	53	53	54	49	
Ukraine export	Number of Capacity Traders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Number of Bids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine import	Number of Capacity Traders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Number of Bids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

October 2022	Maximum	Minimum
Number of Capacity Traders	46	10
Number of Capacity Holders	26	7
Number of Bids	343	49

Market for Allocation of Cross-Border Capacities



Daily Explicit Auctions Bids Statistics

October 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	Maximum Number of Capacity Traders	7	6	7	6	3	6	7	7	5	6	7	5	5	5	7	6	6	6	7	6	7	7	6	4	5	6	5	6	6	4	5
	Maximum Number of Capacity Holders	7	6	7	6	3	5	6	7	4	6	5	5	5	5	7	5	6	6	7	6	7	7	6	4	5	6	5	6	6	4	5
	Maximum Number of Bids	23	22	22	23	9	24	25	24	19	21	27	22	22	20	21	23	22	21	20	19	20	20	19	17	19	20	19	20	20	9	19
Serbia Import	Maximum Number of Capacity Traders	6	5	6	6	3	6	6	6	4	5	6	5	5	5	6	6	6	6	6	5	6	6	5	4	5	5	5	6	6	4	5
	Maximum Number of Capacity Holders	6	5	6	6	3	6	6	6	4	5	6	5	5	5	6	6	6	6	6	5	6	6	5	4	5	5	5	6	6	4	5
	Maximum Number of Bids	26	25	25	27	13	28	28	28	23	24	28	27	26	26	28	29	28	26	25	25	25	25	24	23	19	19	21	20	20	9	20
October 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
Ukraine 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	
	Maximum Number of Capacity Holders	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 Bids	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	
Ukraine Import	Maximum Number of Capacity Traders	7	8	7	7	8	7	8	7	9	9	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Maximum Number of Capacity Holders	7	6	7	7	8	7	8	6	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Maximum Number of Bids	10	9	10	10	11	10	10	9	11	11	11	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 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
Moldavia Export	Maximum Number of Capacity Traders													0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	Maximum Number of Capacity Holders													0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	Maximum Number of Bids													0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Moldavia Import	Maximum Number of Capacity Traders													0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Maximum Number of Capacity Holders													0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Maximum Number of Bids													0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		

Note: In the table are presented the daily maximum hourly values. On the Ukrainian border are presented the values of the auctions organized by the Romanian TSO. On the Moldavian border explicit daily allocation is organized starting with 11.10.2022 (for delivery day 12.10.2022).

Intraday Explicit Auctions Bids Statistics

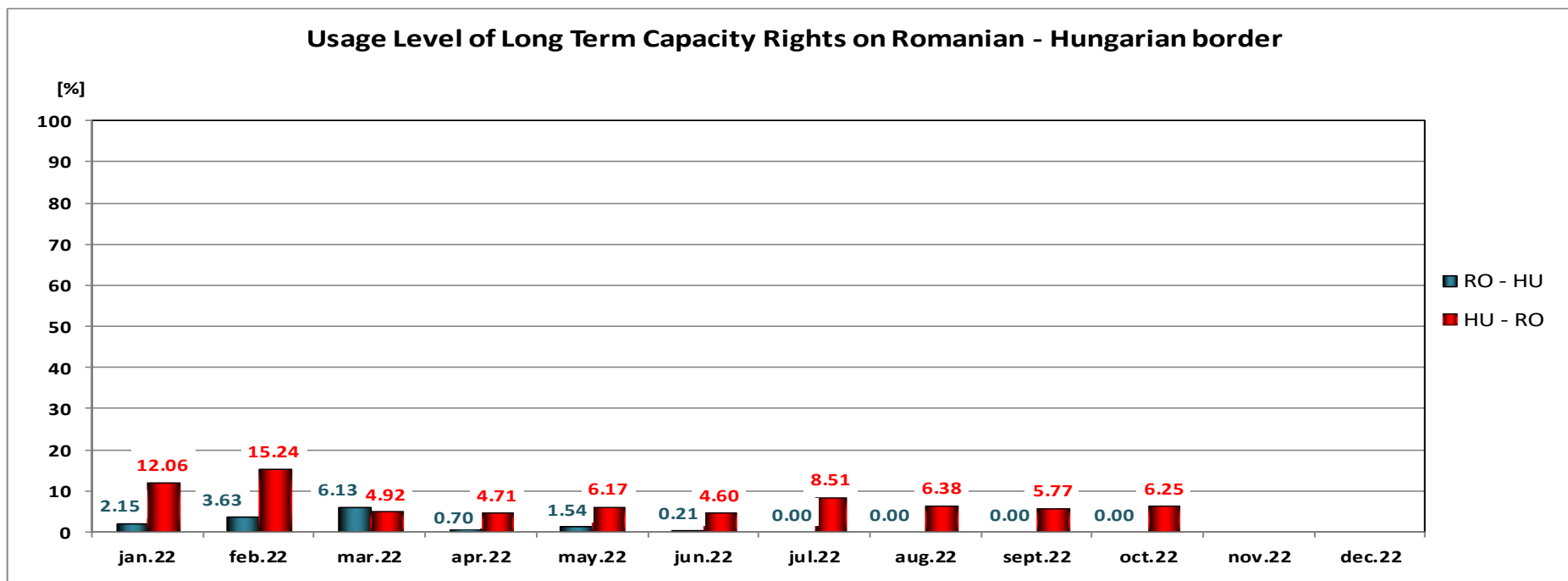
October 2022	Intraday Auctions	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Serbia Export	Maximum Number of Capacity Traders	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Maximum Number of Capacity Holders	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-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

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

Long term Auction on Romanian – Hungarian border

Usage Level of Capacity Rights

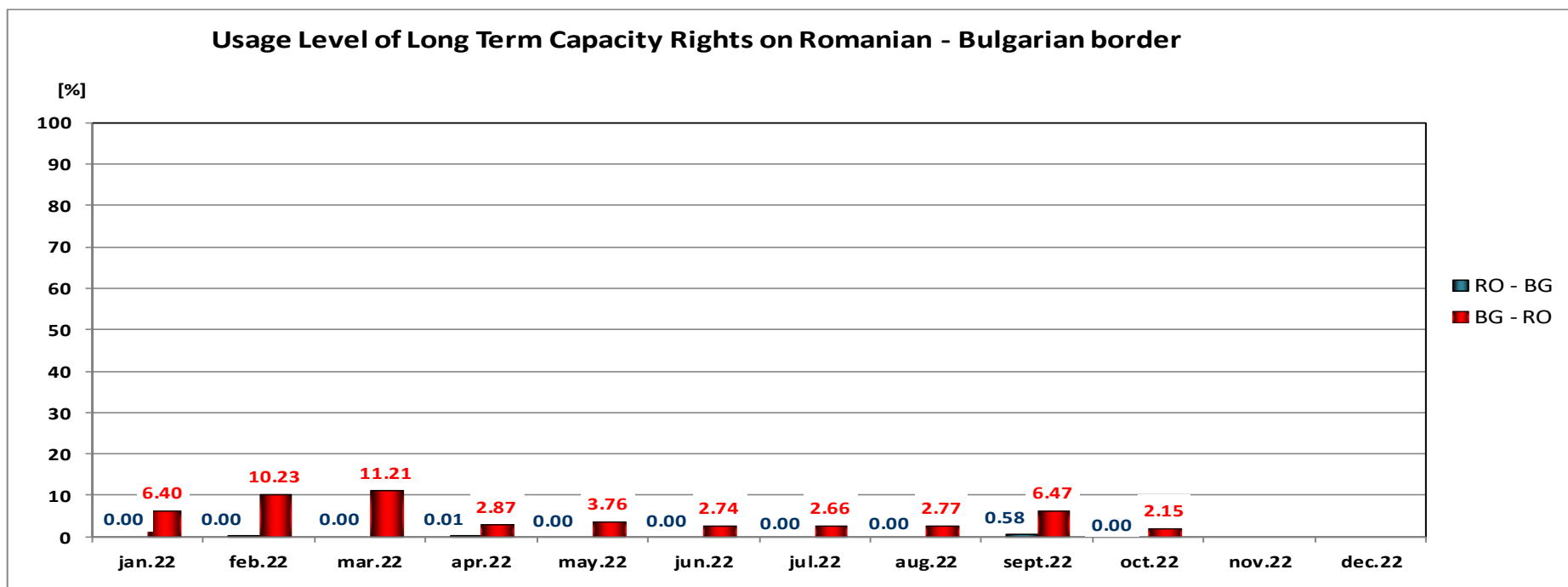
CET



Usage level of long term capacity rights was calculated as ratio between nominated capacity and physical rights of allocated capacity at yearly and monthly auctions after the returns. Starting with July 2022, the allocation of Financial Transmission Rights is applied on the Hungarian border, therefore only the usage level of yearly allocated capacity is presented in the graph.

From the beginning of the year, the average values (arithmetic) of usage level are: 1.44% on export direction and 7.46% on import direction.

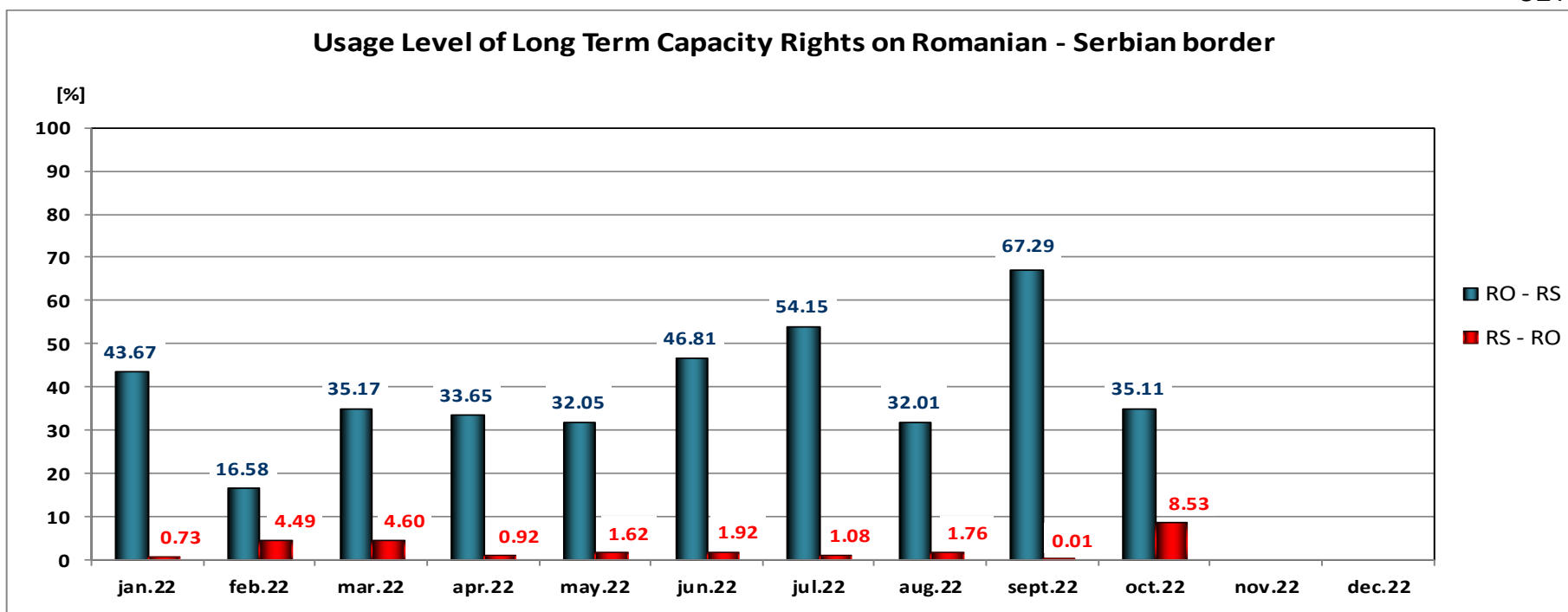
CET



Usage level of long term capacity rights was calculated as ratio between nominated capacity and sum of allocated capacity at monthly and yearly auctions after the returns.

From the beginning of the year, the average values (arithmetic) of usage level are: 0,06% on export direction and 5.13% on import direction.

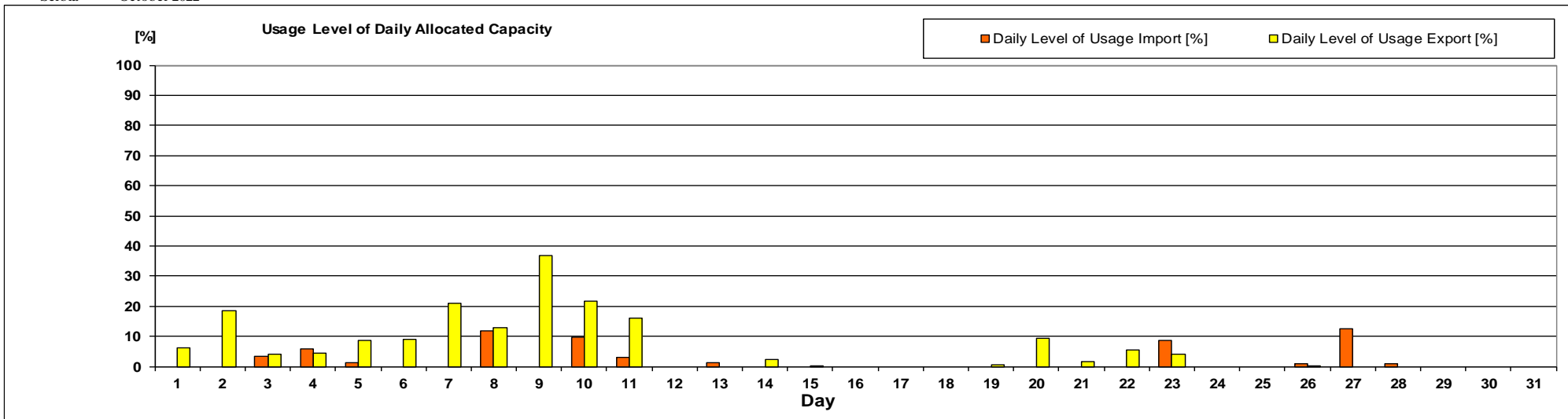
CET



Usage level of long term capacity rights was calculated as ratio between nominated capacity and sum of allocated capacity at monthly and yearly auctions after the returns.

From the beginning of the year, the average values (arithmetic) of usage level are: 39.65% on export direction and 2.57% on import direction.

Serbia October 2022



Daily Level of Usage [%]

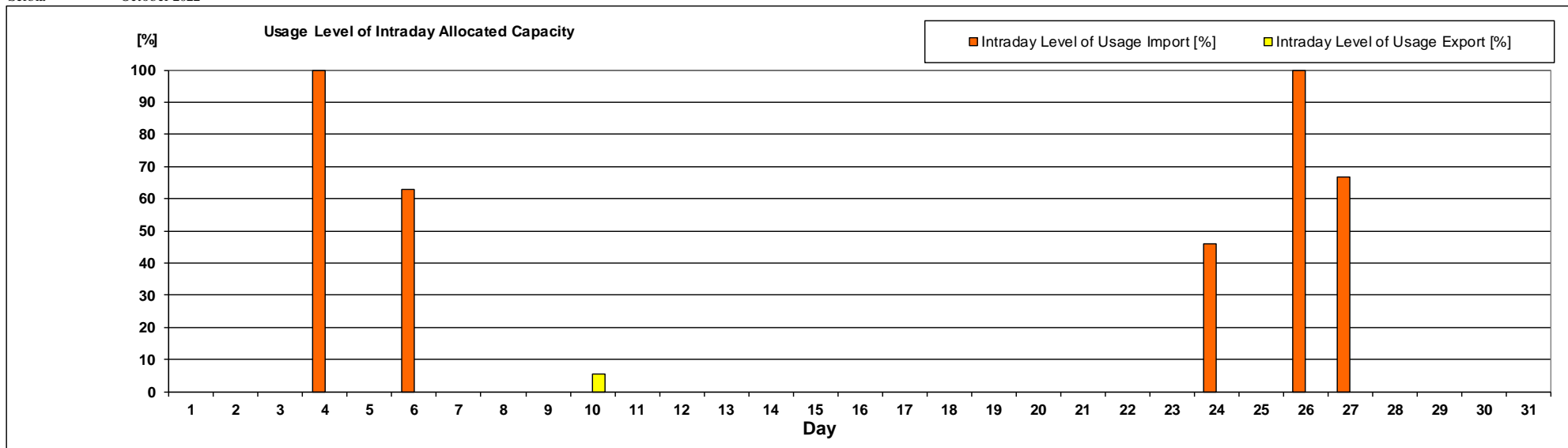
October 2022	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Import	0.00	0.00	3.36	5.64	1.32	0.00	0.00	11.77	0.00	9.53	3.13	0.00	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.67	0.00	0.00	1.01	12.47	0.78	0.00	0.00	0.00
Export	6.25	18.49	3.88	4.28	8.57	9.04	20.85	12.75	36.71	21.53	16.18	0.00	0.00	2.38	0.33	0.00	0.00	0.00	0.37	9.34	1.50	5.29	3.95	0.00	0.00	0.20	0.00	0.00	0.00	0.00	

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

- Import 1.91 [%]
- Export 6.45 [%]

Serbia

October 2022



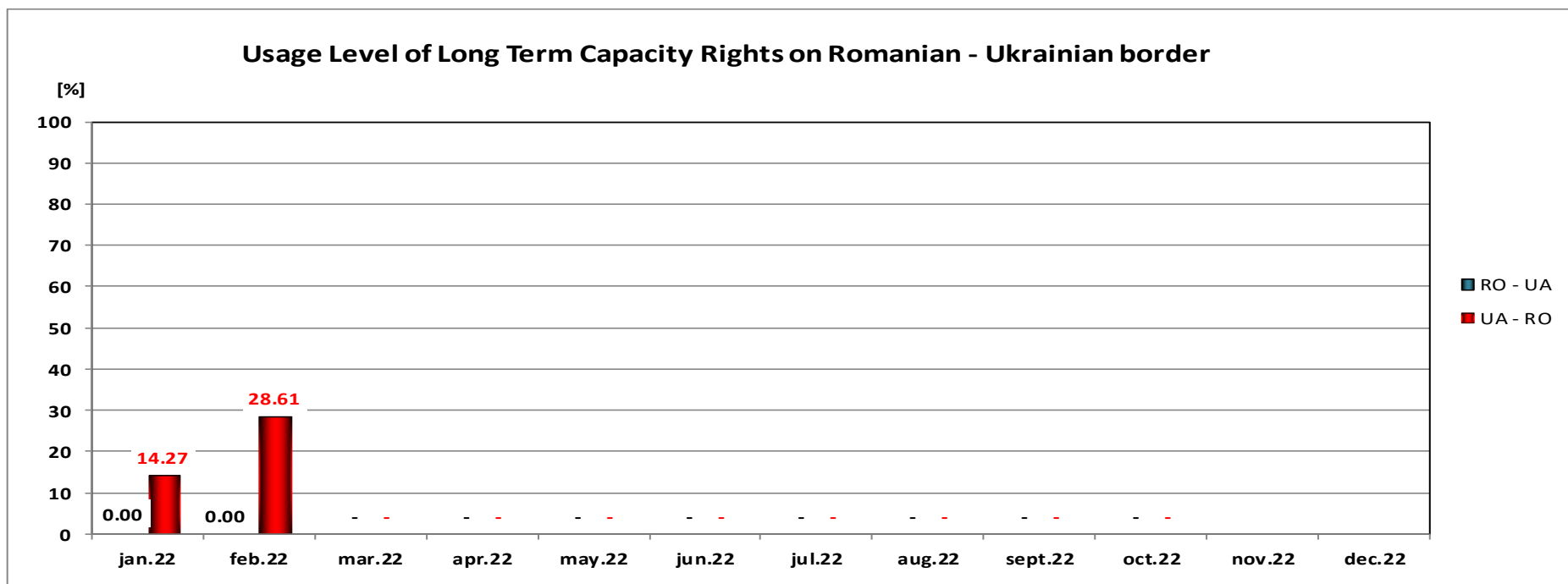
Intraday Level of Usage [%]

October 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	-	62.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.96	-	100.00	66.67	-	-	-	-
Export	-	-	-	-	-	-	-	-	-	5.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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 – 66.56 [%] (capacity was allocated only for 04, 06, 24, 26 and 27.10.2022)
- Export – 5.44 [%] (capacity was allocated only for 10.10.2022)

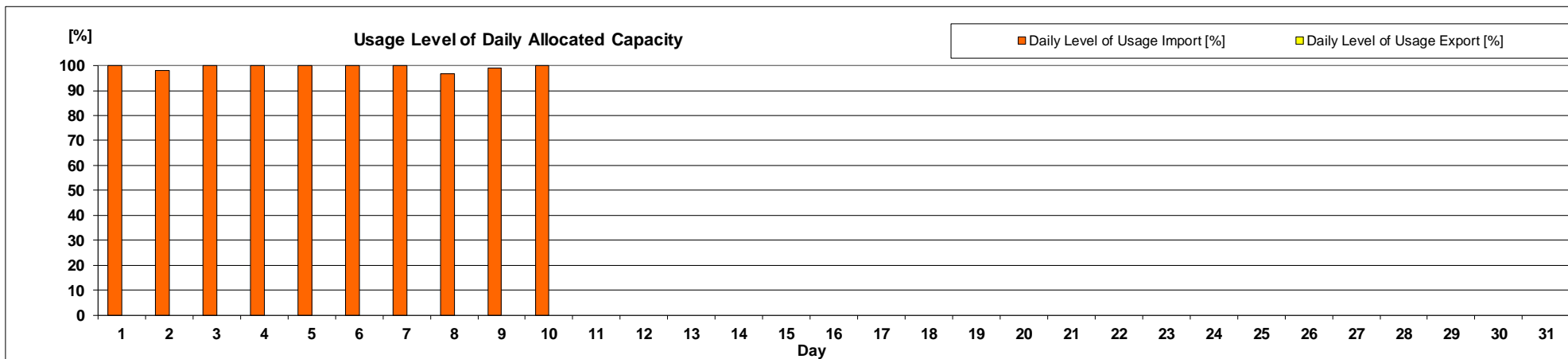
CET



Usage level of long term capacity rights was calculated as ratio between nominated capacity and sum of allocated capacity at monthly and yearly auctions after the returns.

From the beginning of the year, the average values (arithmetic) of usage level are: 0% on export direction and 21.44% on import direction. Long term auctions are currently suspended on Ukrainian border.

Ukraine October 2022



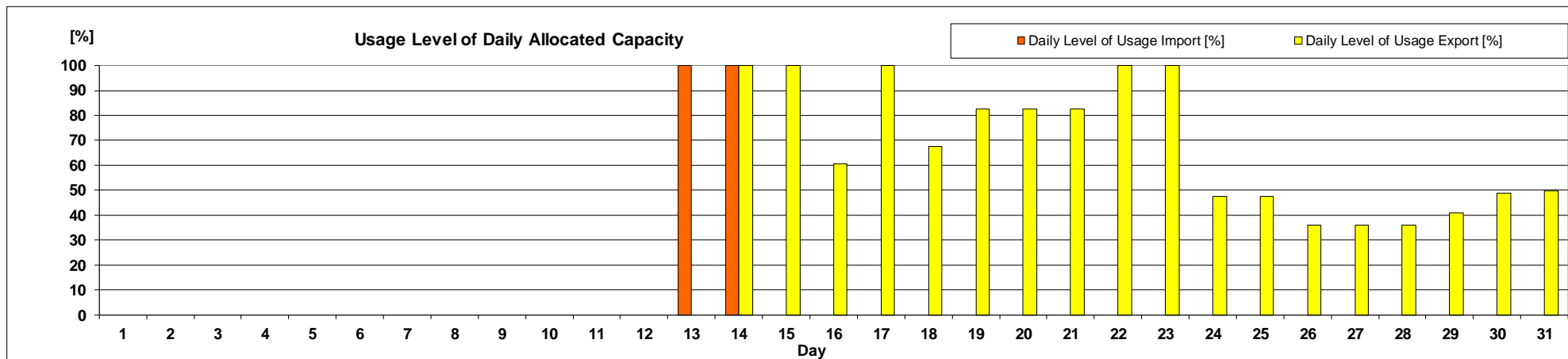
Daily Level of Usage [%]																															
October 2022	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Import	100.00	97.92	100.00	100.00	100.00	100.00	100.00	96.69	98.87	100.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Export	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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 76.23 [%]
- Export - [%] (there were no capacity requests)

Note: between 17.10.2022 – 31.10.2022 the NTC values were zero on import direction, due to the armed events that took place in Ukraine and the cancellation of exports from Ukraine to all neighboring countries.

Moldavia October 2022



Daily Level of Usage [%]		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
October 2022																																	
Import													0.00	100.00	100.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Export													0.00	-	100.00	100.00	60.61	100.00	67.68	82.72	82.72	82.72	100.00	100.00	47.52	47.52	35.93	35.93	35.93	41.11	48.89	49.96	

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 34.92 [%]
- Export 54.83 [%]

Note: On the Moldavian border explicit daily allocation is organized starting with 11.10.2022 (for delivery day 12.10.2022).

Market for Allocation of Cross-Border Capacities

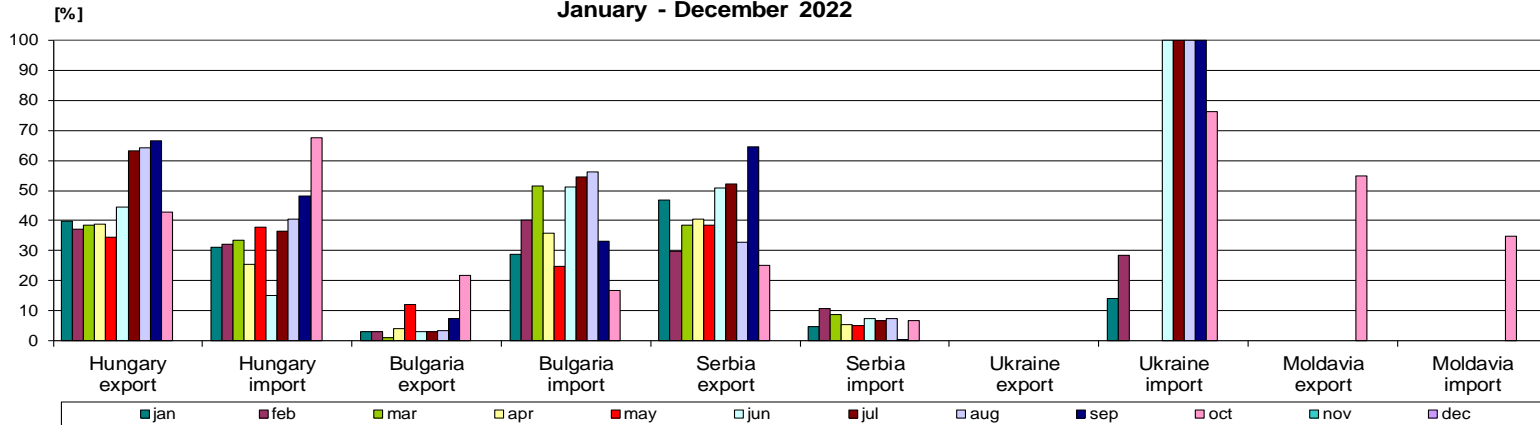


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Usage level of capacity rights

Allocated Capacity Usage
January - December 2022



The level of usage of total capacity rights on one border and direction represent the percentage ratio between the energy associated with the realized commercial cross-border schedules (nominated) during a month, and the energy associated with the total physical 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	44.47	15.19	3.08	51.10	51.00	7.51	0.00	99.79	-	-
jul	63.33	36.51	3.11	54.50	52.15	6.78	-	100.00	-	-
aug	64.27	40.33	3.39	56.20	32.87	7.60	0.00	99.97	-	-
sep	66.38	48.09	7.36	33.28	64.56	0.35	-	100.00	-	-
oct	42.67	67.47	21.83	16.83	25.03	6.81	-	76.23	54.83	34.92
nov										
dec										
average	47.00	36.75	6.23	39.30	41.98	6.39	0.00	74.12	54.83	34.92

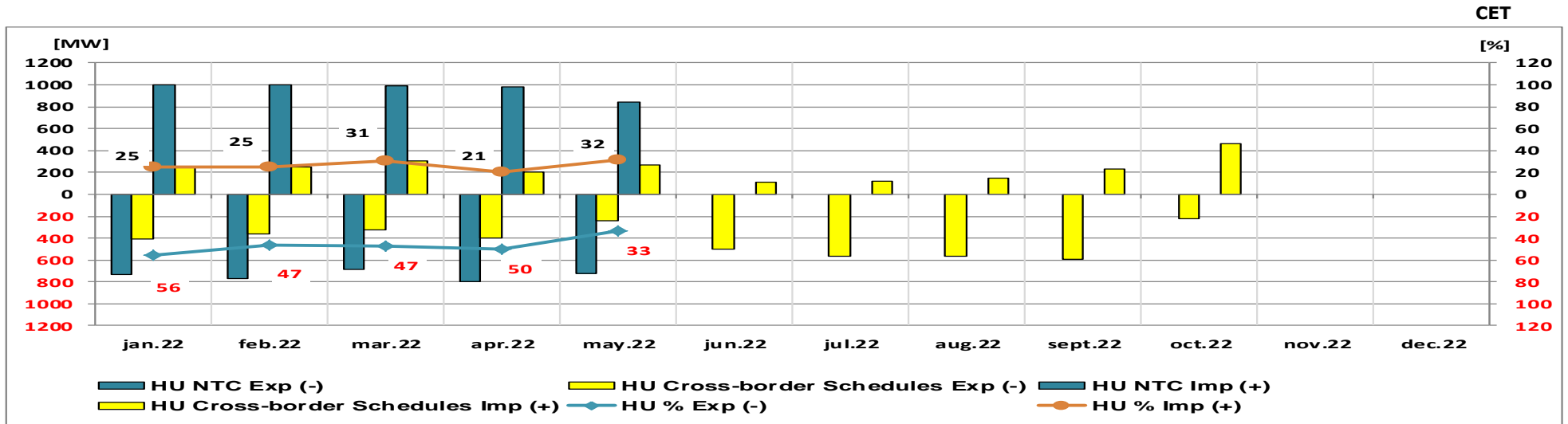
The highest level of usage for import direction was on the Ukrainian border and for the export direction was on the Moldavian border. On the Moldavian border explicit daily allocation is organized starting with 11.10.2022 (for delivery day 12.10.2022). On the Ukrainian border monthly auctions are currently suspended and between 17.10.2022 – 31.10.2022 the NTC/offered capacity were zero on import direction, due to the armed events that took place in Ukraine. Starting from July 2022, the allocation of Financial Capacity Rights is applied at the monthly auctions on the Hungarian border and therefore the usage level of the allocated capacity is calculated by considering only the allocated/nominated values corresponding to the yearly, daily and intraday auctions.



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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.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	-503	-561	-567	-592	-220	-	-	-4176
HU NTC Imp (+)	1000	1000	988	982	846	-	-	-	-	-	-	-	4816
HU Cross-border Schedules Imp (+)	249	252	303	204	269	108	124	149	227	467	-	-	2350

The level of usage was calculated as ratio between total commercial 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.

Note: starting with June 2022, Day - Ahead Flow - Based Market Coupling was launched in the Core region (of which the RO – HU border is also a part). Consequently, usage level of NTC on RO – HU border was no longer considered relevant.

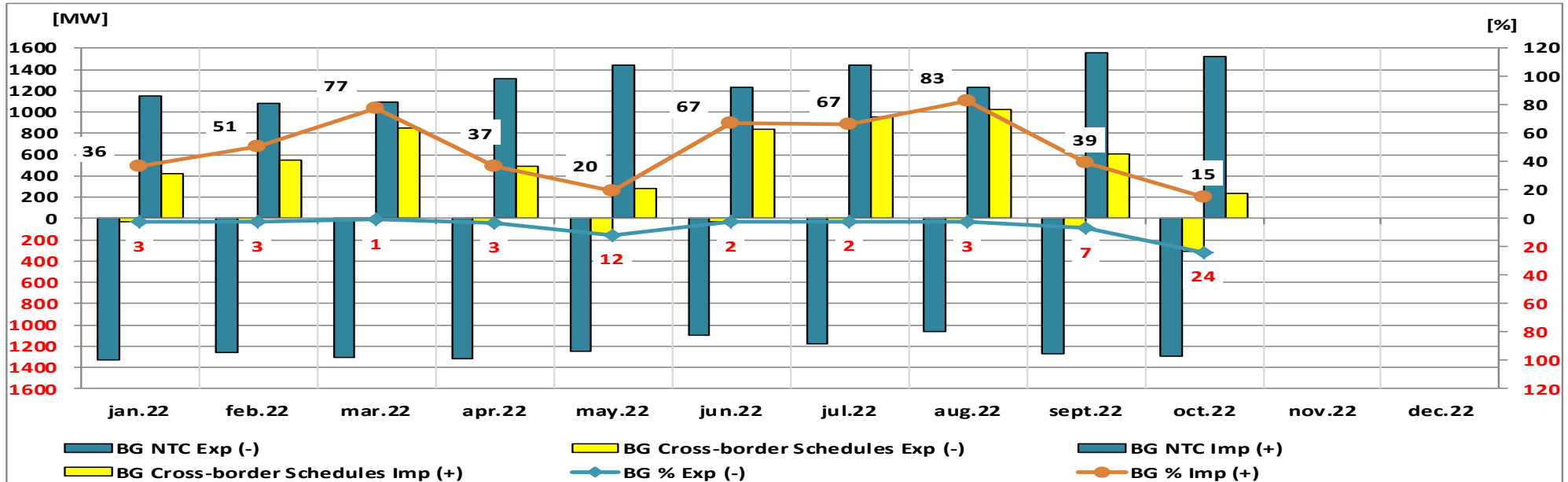


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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Bulgarian border

CET



Bulgaria (monthly averages values, MW)	jan.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	-1094	-1176	-1061	-1272	-1295			-12361
BG Cross-border Schedules Exp (-)	-35	-34	-13	-45	-146	-26	-26	-29	-87	-307			-749
BG NTC Imp (+)	1149	1076	1094	1310	1440	1235	1436	1231	1554	1518			13043
BG Cross-border Schedules Imp (+)	418	546	848	486	284	834	956	1023	608	234			6236

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: 5.94% on export direction and 49.31% on import direction.

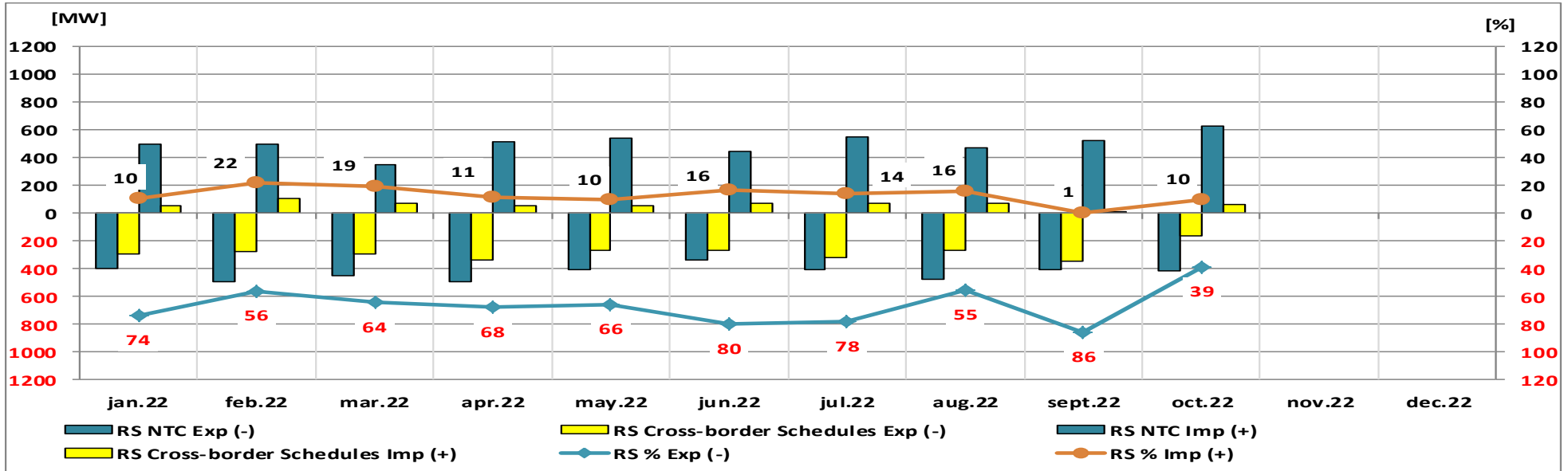


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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Serbian border

CET



Serbia (monthly averages values, MW)	jan.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	-335	-408	-476	-402	-411			-4274
RS Cross-border Schedules Exp (-)	-295	-278	-290	-332	-266	-267	-318	-263	-345	-159			-2812
RS NTC Imp (+)	500	500	352	513	540	448	548	474	523	629			5029
RS Cross-border Schedules Imp (+)	52	110	69	58	54	73	76	74	3	61			631

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

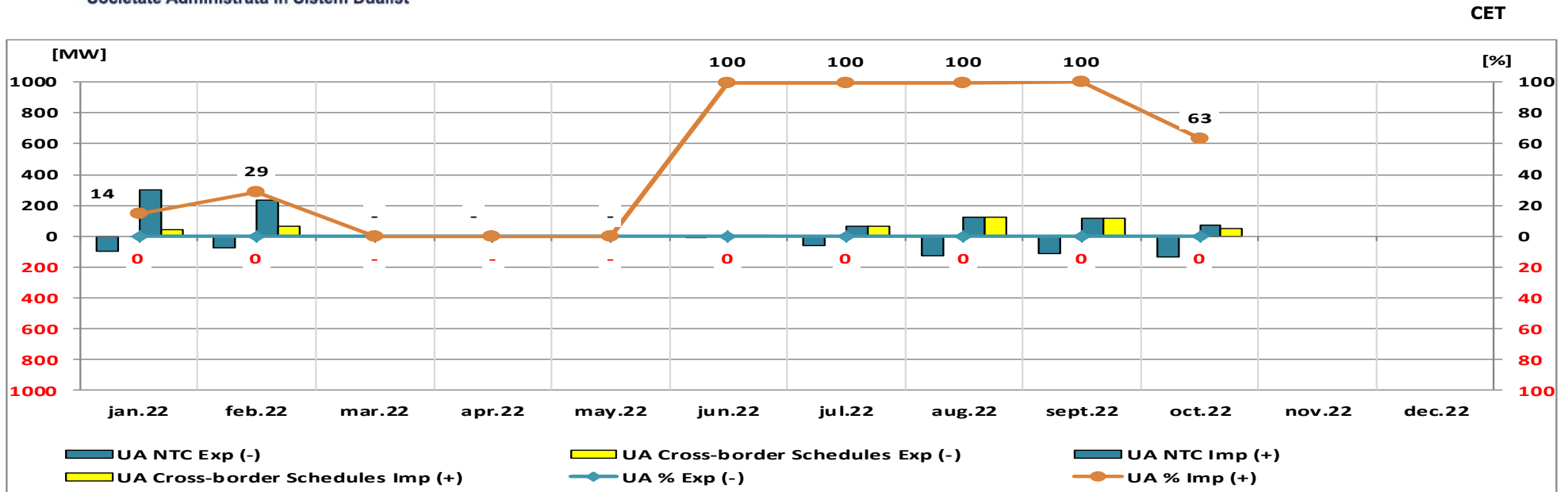
From the beginning of the year, the average values (arithmetic) of usage level are: 66.48% on export direction and 12.96% on import direction.



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Market for Allocation of Cross-Border Capacities

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	-	-	-	-100	-65	-125	-114	-133			-716
UA Cross-border Schedules Exp (-)	0.0	0.0	-	-	-	0.0	0.0	0.0	0.0	0.0			0.0
UA NTC Imp (+)	300	236	-	-	-	100	65	125	114	75			1015
UA Cross-border Schedules Imp (+)	43	67	-	-	-	100	64	124	114	47			561

The level of usage was calculated as ratio between total commercial 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 72.13% on import direction.

On the Ukrainian border explicit daily allocation is organized starting with 30.06.2022 (monthly auctions are currently suspended).

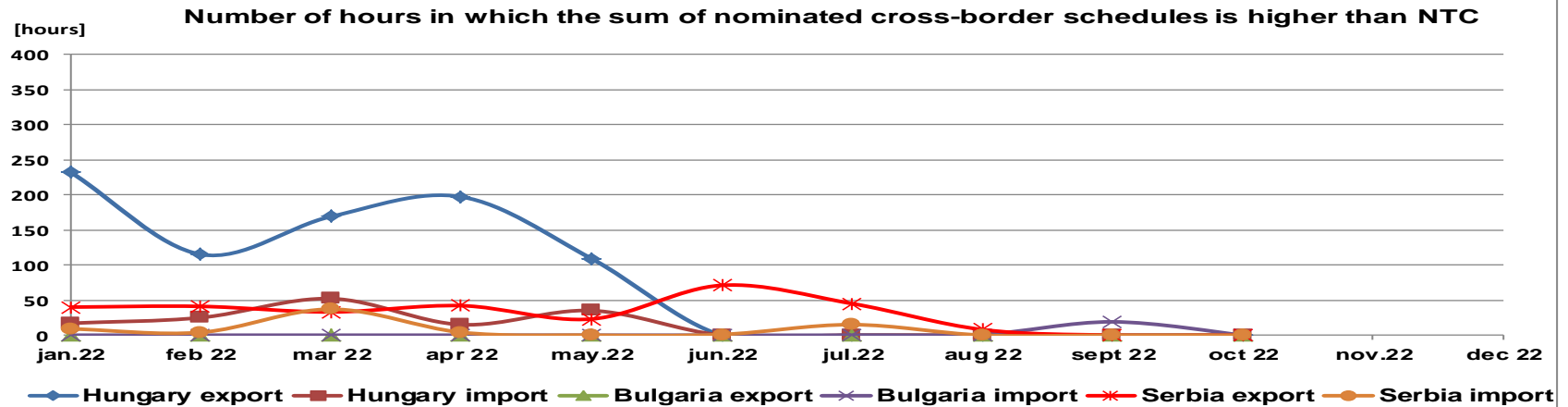


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Market for Allocation of Cross-Border Capacities

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	0	0	0	0	0	0	0
Bulgaria import	0	0	0	0	0	0	0	1	19	0	0	0
Serbia export	40	41	33	42	23	71	45	8	0	0	0	0
Serbia import	9	4	37	4	0	1	15	0	0	0	0	0

By making efficient use of the interconnection (applying “netting” principle in daily and intra-day offered capacity calculation) there are some hours in which sum of nominated cross-border schedules is higher than the NTC. Starting with June 2022, the Flow - Based Day - Ahead Market Coupling was launched across the whole Core region (including the RO – HU border). Consequently, counting the hours in which the sum of nominated cross-border schedules was higher than the NTC was no longer considered relevant for RO – HU border.

Market for Allocation of Cross-Border Capacities



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

October 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	28.21	68.21	1812	-	-	-	-	-	-	18.92	46.76	1070
Hungary export	14.29	40.00	992	25.37	55.82	1408	-	-	-	-	-	-	14.89	36.50	752
Bulgaria import	40.00	69.00	2178	18.38	53.68	1186	-	-	-	-	-	-	23.31	44.92	1044
Bulgaria export	20.00	41.00	935	29.33	57.17	1604	-	-	-	-	-	-	16.00	38.73	851
Serbia import	35.20	85.20	2720	21.97	55.67	1456	33.61	84.68	2753	100.00	100.00	10000	17.63	45.77	1091
Serbia export	44.40	78.00	2733	41.66	75.75	2532	31.08	81.07	2549	100.00	100.00	10000	27.80	64.65	1665
Ukraine import	-	-	-	-	-	-	36.81	81.06	2488	-	-	-	36.81	81.06	2488
Ukraine export	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moldavia import	-	-	-	-	-	-	100.00	100.00	10000	-	-	-	100.00	100.00	10000
Moldavia export	-	-	-	-	-	-	100.00	100.00	10000	-	-	-	100.00	100.00	10000

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).
- On the Ukrainian border explicit daily allocation is organized starting with 30.06.2022.
- On the Moldavian border explicit daily allocation is organized starting with 12.10.2022.



Email: Monitorizare.Piata@transelectrica.ro

Fax: 021 3035630