



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Market for Allocation of Cross-Border Capacities

April 2021



ANRE - Romanian Energy Regulatory Authority

HHI - Herfindahl-Hirschman Index

BRP - Balance Responsible Party

BM - Balancing Market

DAM - Day Ahead Market

TSO - Transmission System Operator

DU – Dispatchable Unit

PN – Physical Notification

NDC - National Dispatching Center

C1 – The market share of the largest market participant

C3 – Total market share of top 3 market participants

NPS – Minimum number of residual generators

TTC – Total Transfer Capacity

NTC – Net Transfer Capacity

ATC – Available Transfer Capacity

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

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

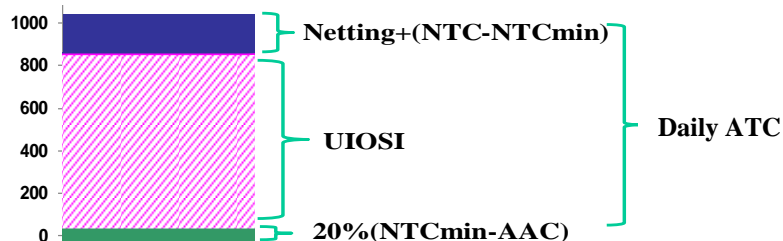
General Remarks



Transelectrica®

Societate Administrată în Sistem Dualist

- According to the agreements between Transelectrica and neighbors for year 2021 :
 - ✓ on the Bulgarian border, the bilateral coordinated allocation is done for 100% of total capacity by Transelectrica for daily auctions. Starting with 20.11.2019, implicit intraday allocation with continuous trading is organized on the Bulgarian border, due to the integration of Romanian intraday market in SIDC (Single Intra-Day Market). In the event of decoupling, no explicit intraday auctions are organized on RO – BG border; the “netting” is applied to daily and intraday allocation.
 - ✓ on the Hungarian border, starting with 20.11.2019 implicit intraday allocations are held with continuous trading, due to the integration of Romanian intraday market in SIDC (Single Intra-Day Market). Starting with the delivery day 11.02.2021 the 15-minute cross-border product with continuous intraday trading was launched on RO-HU border, in cooperation with the Hungarian parties, MAVIR and HUPX. In the event of decoupling, no explicit intraday auctions are organized on RO – HU border. Implicit daily allocations are held since the CZ-SK-HU-RO day-ahead market coupling. In the event of decoupling, MAVIR is in charge with the explicit daily auctions (shadow auctions) for RO-HU border. The “netting” is applied to daily and intraday allocation.
 - ✓ on the Serbian border, the bilateral coordinated allocation, is done for 100% of total capacity by EMS (Serbia) for daily auctions and by Transelectrica for long term and intraday auctions. The “netting” is applied to daily and intraday allocation. The intraday allocation is done in six auction sessions for time intervals: 00:00-04:00, 04:00-08:00, 08:00-12:00, 12:00-16:00, 16:00-20:00, 20:00-00:00 CET.
 - ✓ *UIOSI* („use it or sell it”) principle is applied on Hungarian, Bulgarian and Serbian borders.
 - ✓ the long term auctions on Hungarian and Bulgarian borders are held by Joint Allocation Office (JAO) based on Allocation Rules for Forward Capacity Allocation (HAR) and border specific Annex. On these borders it is applied:
 - ✓ reservation of a percentage of interconnection capacity for short term auction, offered capacity being calculated as 80% of the minimum of available capacities of all periods of the month;



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



- Long term auction results on the Hungarian and Bulgarian borders are provide by JAO and daily auction results on the Serbian border (auction prices, allocated capacities) are provided by the respective TSO.
- Usage of allocated capacity on Ukrainian and Moldavian border is restricted by Ukrainian TSO agreement and respectively by the approval of the distribution operator of the passive consumption islands.
- Monthly auctions for April 2021 were held as:
 - ✓ import/export Hungary*, import/export Bulgaria* and import Serbia: 01 – 30.04.2021;
 - ✓ export Serbia: 01 – 11.04.2021, 12 – 14.04.2021, 15 – 25.04.2021, 26 – 30.04.2021;
 - ✓ import/export Ukraine: 01 – 11.04.2021, 17 – 30.04.2021.
- In April 2021 there were no auctions held on Moldavian border. Between 12 – 16.04.2021, the 400 kV OHL Rosiori – Mukacevo was out of operation for planned maintenance program, so transfer capacity was not available on the Ukrainian border.



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Monthly auction Results of 01 – 30 April 2021

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Allocated	Final Rights*
Hungary export										
01 - 02 April 2021	1.11	700	600	250	350	0	200	2641	198	548
03 - 30 April 2021	1.11	800	700	350	350	0	200	2641	198	548
Hungary import										
01 - 02 April 2021	0.48	600	500	151	349	0	120	1748	120	469
03 - 05 April 2021	0.48	800	700	351	349	0	120	1748	120	469
06 - 09 April 2021	0.48	600	500	151	349	0	120	1748	120	469
10 - 25 April 2021	0.48	800	700	351	349	0	120	1748	120	469
26 - 30 April 2021	0.48	600	500	151	349	0	120	1748	120	469
Bulgaria export										
01 - 11 April 2021	0.35	1100	1000	602	398	0	240	2270	240	638
12 - 14 April 2021	0.35	800	700	302	398	0	240	2270	240	638
15 - 18 April 2021	0.35	900	800	402	398	0	240	2270	240	638
19 - 30 April 2021	0.35	1100	1000	602	398	0	240	2270	240	638
Bulgaria import										
01 - 11 April 2021	0.20	1100	1000	601	399	0	240	2116	240	639
12 - 14 April 2021	0.20	800	700	301	399	0	240	2116	240	639
15 - 18 April 2021	0.20	900	800	401	399	0	240	2116	240	639
19 - 30 April 2021	0.20	1100	1000	601	399	0	240	2116	240	639

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.



Transelectrica[®]
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Monthly auction Results of 01 – 30 April 2021

	Prices [euro/MWh]	Capacities [MW]								
	Results	TTC	NTC	ATC	AAC	Reserved	Offered	Requested	Allocated	Final Rights*
Serbia export										
<i>01 - 11 April 2021</i>	0.23	700	600	350	250	-	350	909	350	600
<i>12 - 14 April 2021</i>	0.08	900	800	550	250	-	550	1074	550	800
<i>15 - 25 April 2021</i>	0.10	800	700	450	250	-	450	1039	450	700
<i>26 - 30 April 2021</i>	0.17	700	600	350	250	-	350	969	350	600
Serbia import										
<i>01 - 30 April 2021</i>	0.23	800	700	450	250	-	450	1124	450	700
Ukraine export										
<i>01 - 11 April 2021</i>	0.05	300	200	100	100	-	100	155	100	200
<i>12 - 16 April 2021</i>	-	0	0	-	-	-	-	-	-	-
<i>17 - 30 April 2021</i>	0.07	300	200	100	100	-	100	155	100	200
Ukraine import										
<i>01 - 11 April 2021</i>	0.08	500	400	300	100	-	300	488	300	400
<i>12 - 16 April 2021</i>	-	0	0	-	-	-	-	-	-	-
<i>17 - 30 April 2021</i>	0.09	500	400	300	100	-	300	478	300	400
Moldavia export										
<i>01 - 30 April 2021</i>	-	-	-	-	-	-	-	-	-	-
Moldavia import										
<i>RO_Vulcanesti</i>	-	-	-	-	-	-	-	-	-	-
<i>01 - 30 April 2021</i>	-	-	-	-	-	-	-	-	-	-
<i>RO_Costesti</i>	-	-	-	-	-	-	-	-	-	-
<i>01 - 30 April 2021</i>	-	-	-	-	-	-	-	-	-	-
<i>RO_Cioara</i>	-	-	-	-	-	-	-	-	-	-

Notes:

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

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

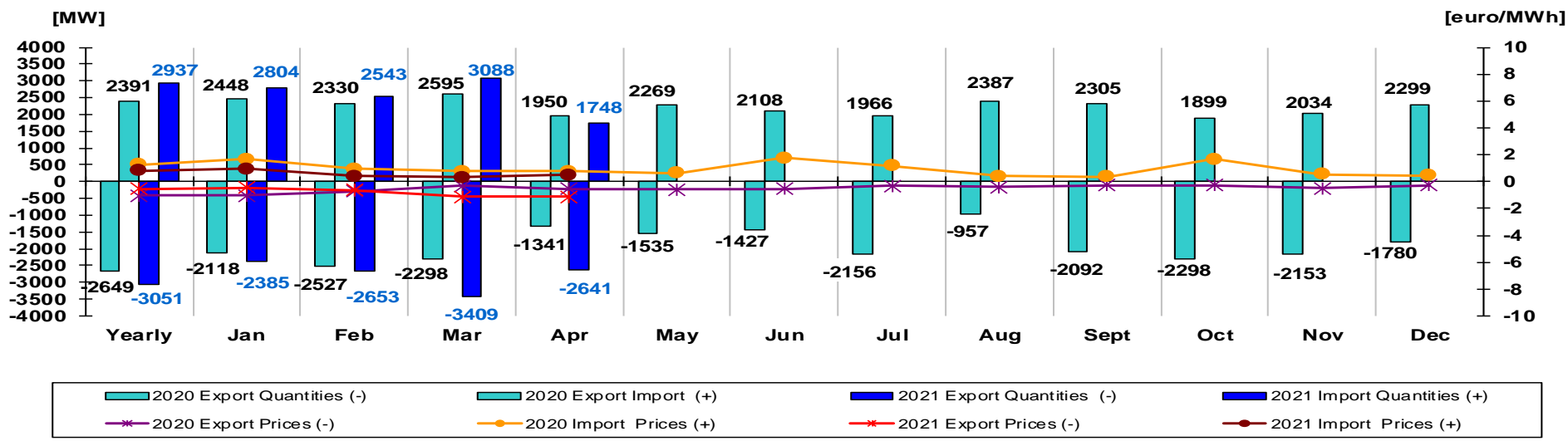
Market for Allocation of Cross-Border Capacities



Transelectrica®

Societate Administrată în Sistem Dualist

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



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	0.55	0.46	0.63	1.11	1.11								
Hungary import	0.83	0.93	0.42	0.34	0.48								

Border	Yearly	Jan. 20	Feb.20	Mar.20	Apr.20	May 20	Jun. 20	Jul. 20	Aug. 20	Sept. 20	Oct. 20	Nov.20	Dec. 20
Hungary export	1.03	1.05	0.72	0.33	0.54	0.58	0.53	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 April 2021 the auction price increased on export direction, while offered capacity and requested capacity were higher. On import direction, monthly auction price decreased compared with similar period of previous year, while offered capacity was lower and requested capacity was lower.

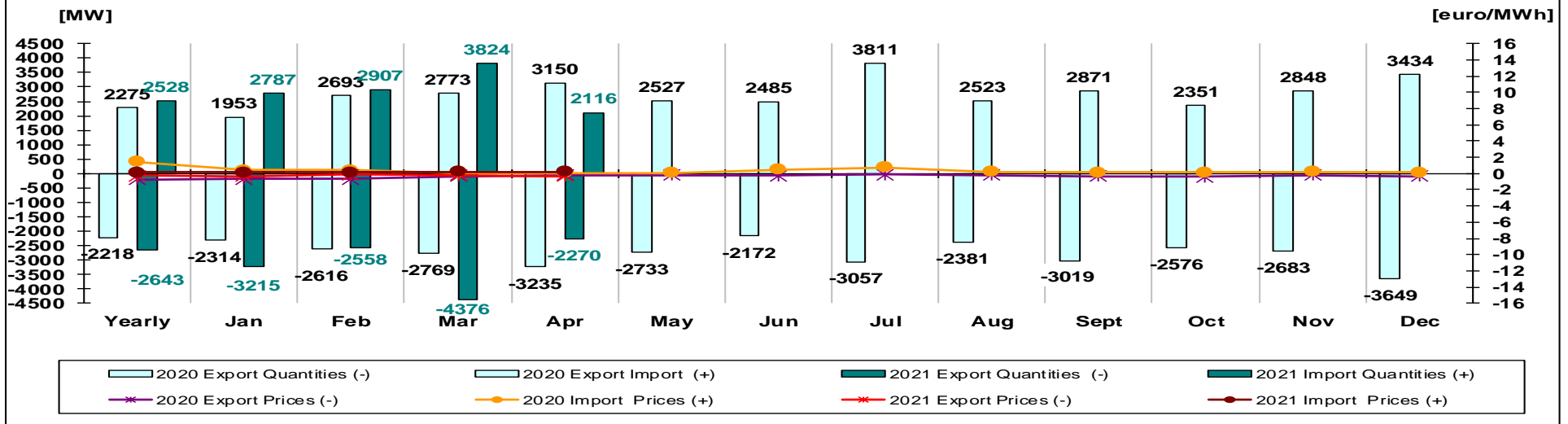


Transelectrica®

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 Bulgarian border



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	0.28	0.34	0.14	0.19	0.35								
Bulgaria import	0.15	0.15	0.14	0.24	0.20								

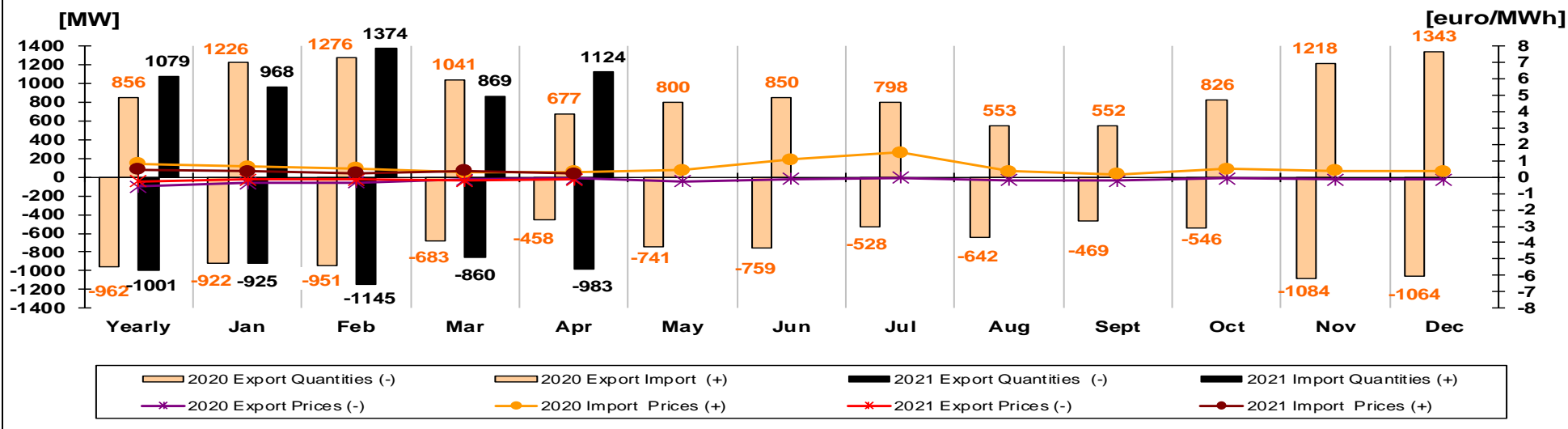
Border	Yearly	Jan. 20	Feb.20	Mar.20	Apr.20	May 20	Jun. 20	Jul. 20	Aug. 20	Sept. 20	Oct. 20	Nov.20	Dec. 20
Bulgaria export	0.77	0.71	0.68	0.35	0.18	0.19	0.25	0.14	0.20	0.33	0.38	0.18	0.32
Bulgaria import	1.43	0.41	0.40	0.09	0.07	0.09	0.51	0.73	0.24	0.14	0.12	0.21	0.14

- Compared with previous year, in April 2021 the auction price increased on export direction, while offered capacity and requested capacity were lower. On import direction, monthly auction price increased compared with similar period of previous year, while offered capacity and requested capacity were lower.

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. 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	0.27	0.13	0.13	0.23	0.15								
Serbia import	0.47	0.35	0.26	0.41	0.23								

Border	Yearly	Jan. 20	Feb.20	Mar.20	Apr.20	May 20	Jun. 20	Jul. 20	Aug. 20	Sept. 20	Oct. 20	Nov.20	Dec. 20
Serbia export	0.56	0.36	0.32	0.13	0.07	0.24	0.12	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 April 2021 the auction price increased on export direction, while offered capacity and requested capacity were higher. On import direction monthly auction price decreased, while offered capacity and requested capacity were higher.

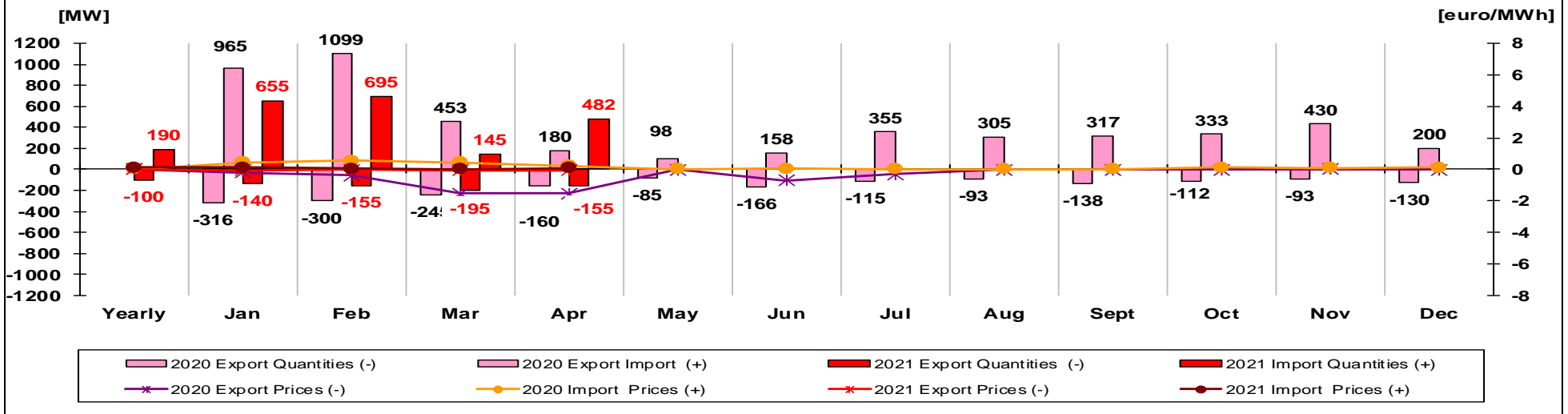
Market for Allocation of Cross-Border Capacities



Transelectrica®

Societate Administrată în Sistem Dualist

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



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	0.00	0.05	0.01	0.07	0.06								
Ukraine import	0.11	0.12	0.05	0.00	0.09								

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

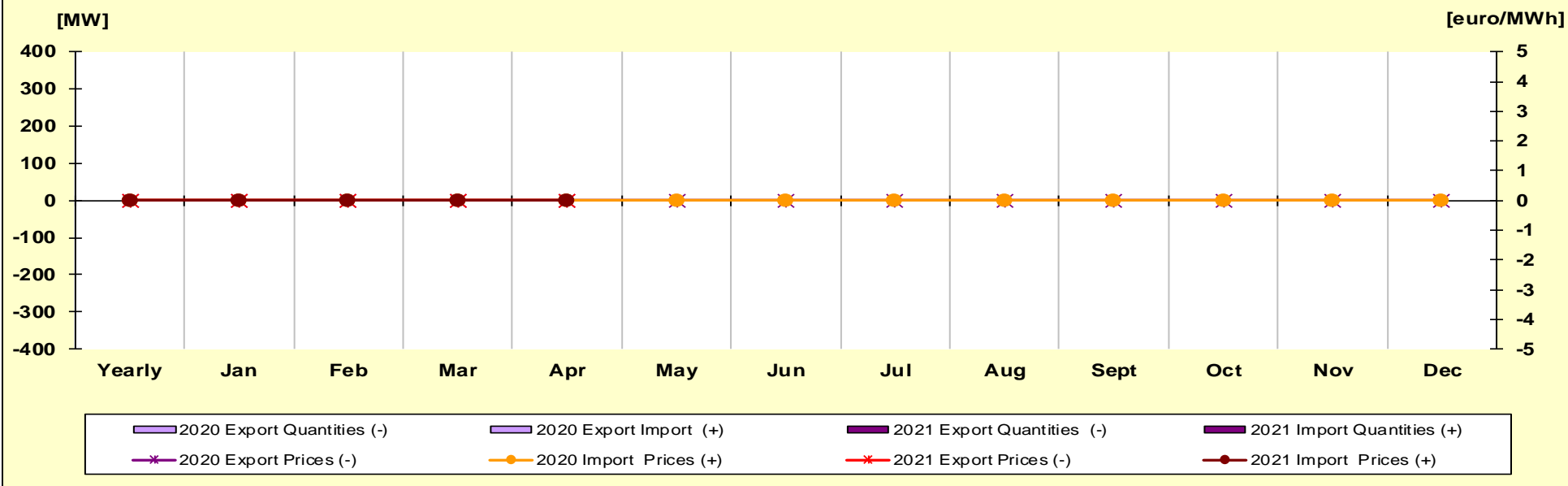
- Compared with previous year, in April 2021 the auction price decreased on import direction, while offered capacity and requested capacity were higher. On export direction monthly auction price decreased, while offered capacity was higher and requested capacity did not vary significantly.

Market for Allocation of Cross-Border Capacities



Transelectrica®
Societate Administrată în Sistem Dualist

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



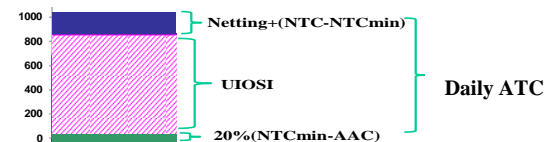
Border	Yearly	Jan. 21	Feb.21	Mar.21	Apr.21	May 21	Jun. 21	Jul. 21	Aug. 21	Sept. 21	Oct. 21	Nov.21	Dec. 21
Moldavia export	-	-	-	-	-								
Moldavia import	-	-	-	-	-								

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

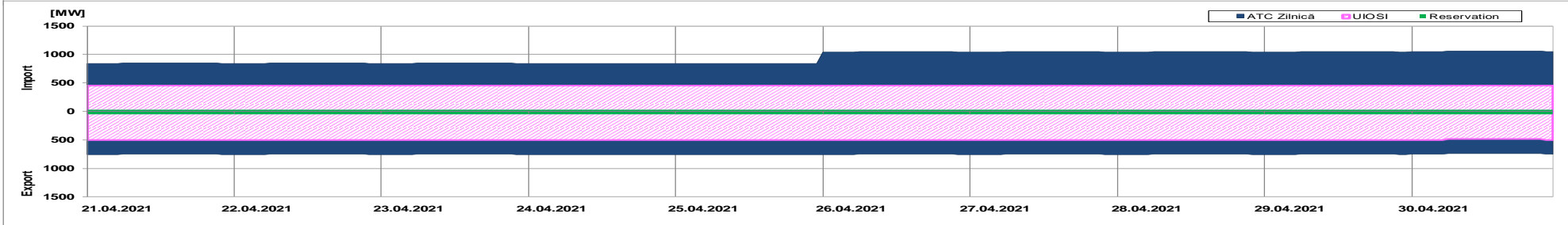
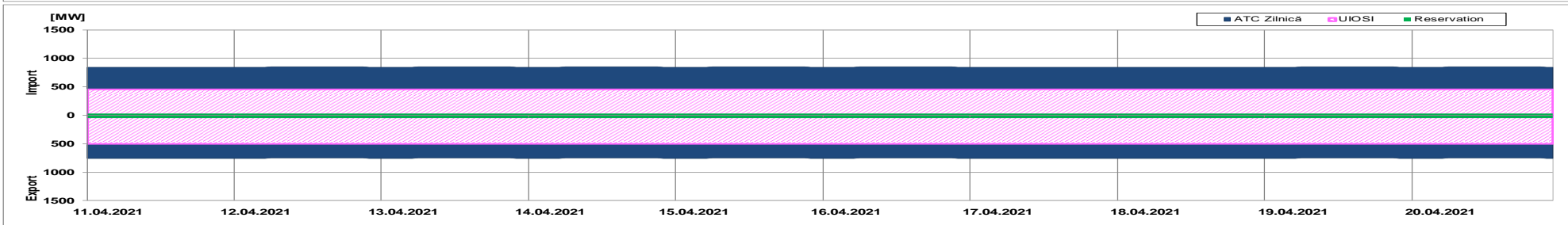
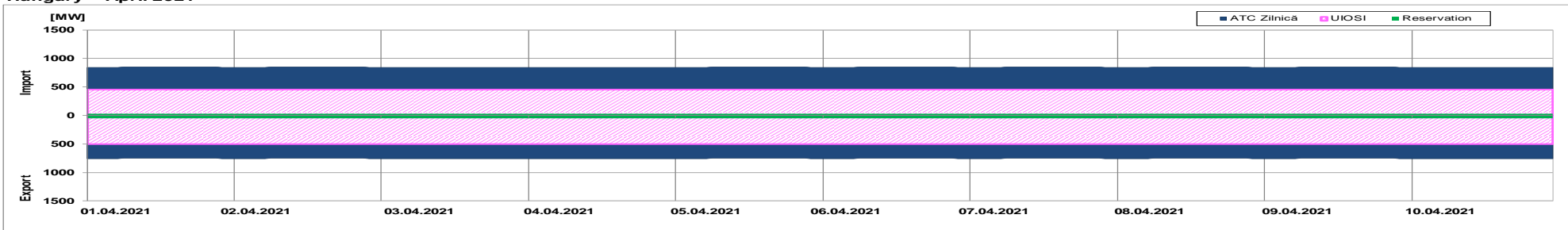
Market for Allocation of Cross-Border Capacities

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
50	31	494	462



Hungary April 2021



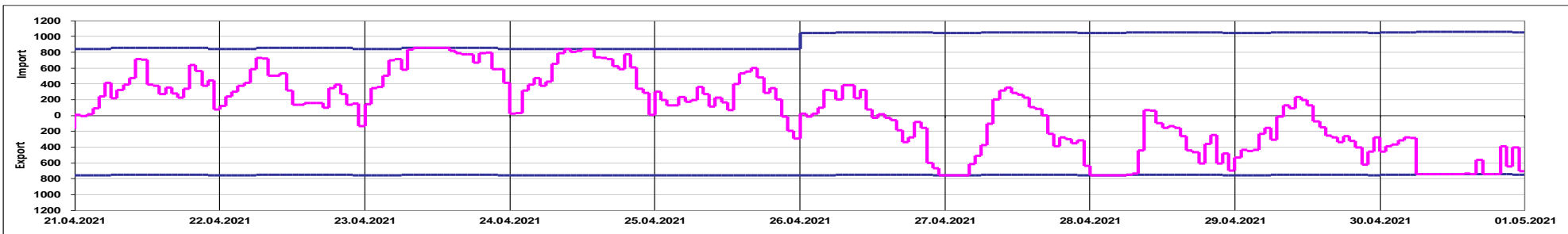
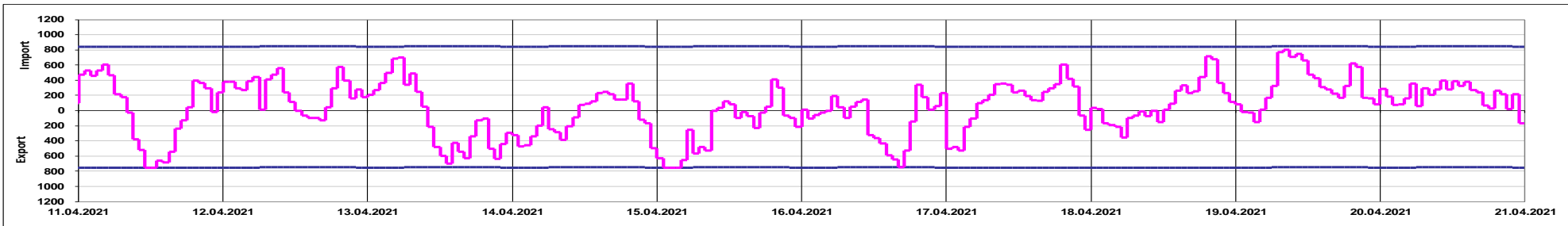
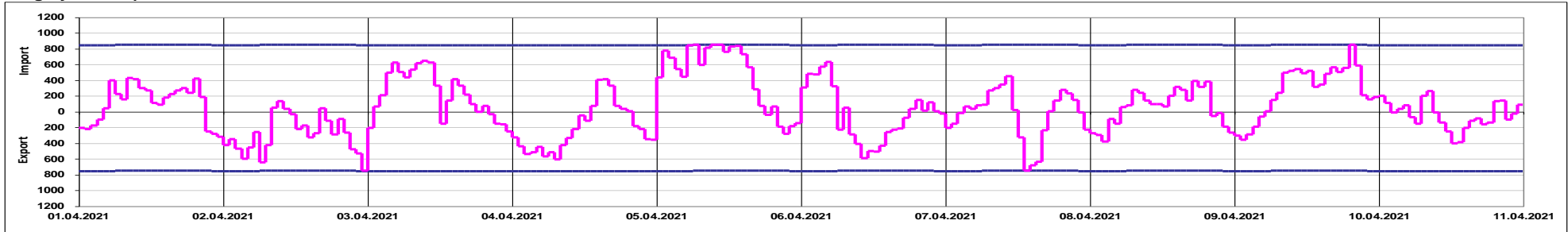


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

Hungary April 2021



Offered Capacity on Daily Auction [MW]

Net Position Border RO – HU [MWh]

Public

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	56.20	52.14	49.52	48.89	49.00	53.80	63.80	71.50	72.04	64.38	60.42	56.21	56.21	52.76	52.03	52.01	55.90	56.95	59.00	71.41	71.40	61.51	58.62	54.00	72.04
2	50.64	48.00	46.54	43.65	44.70	46.95	50.35	57.00	52.60	48.00	39.90	37.29	36.00	33.52	33.60	34.72	37.40	41.80	48.00	54.42	55.17	47.94	43.69	40.20	57.00
3	46.97	40.70	40.62	40.52	43.17	46.84	47.57	50.42	53.23	52.00	48.57	46.67	48.98	38.77	31.34	30.13	33.17	42.99	53.28	63.47	64.88	59.50	58.00	54.06	64.88
4	49.91	45.92	43.57	42.52	42.53	42.44	42.37	44.82	43.70	42.00	36.64	34.30	30.80	20.00	10.50	10.00	17.07	32.78	46.23	61.79	69.97	62.58	59.46	48.56	69.97
5	5.00	0.02	0.02	0.20	1.00	9.77	12.44	54.99	58.44	54.98	46.00	40.05	32.61	30.06	24.64	24.64	34.01	43.98	56.27	70.64	72.84	54.95	46.90	29.94	72.84
6	36.60	22.11	16.62	19.75	30.13	44.60	57.70	60.48	65.00	62.40	61.24	58.50	56.80	56.18	54.58	55.77	60.61	62.77	65.57	83.77	89.11	67.18	67.61	60.20	89.11
7	62.05	58.73	54.51	51.60	54.51	59.19	69.05	83.94	86.76	77.73	61.70	62.04	59.66	53.72	50.00	51.41	54.13	58.02	68.40	87.95	92.39	79.94	70.10	64.93	92.39
8	64.88	57.70	56.75	50.44	55.81	60.00	70.84	86.57	91.93	81.79	67.00	64.40	62.91	60.63	56.50	57.33	59.11	63.21	72.87	93.63	98.40	81.40	71.59	67.58	98.40
9	63.06	60.41	54.55	54.25	55.86	63.68	66.91	82.72	78.63	65.07	58.11	56.00	54.32	52.55	50.54	50.93	56.09	60.77	69.20	83.75	85.72	73.95	71.21	65.64	85.72
10	64.43	60.00	57.34	55.56	55.55	55.98	56.88	61.18	63.47	63.00	59.20	57.97	55.61	52.50	50.33	50.50	52.70	55.91	61.70	70.20	69.39	61.00	54.84	50.79	70.20
11	50.50	46.35	44.01	42.47	42.01	41.91	41.23	42.99	44.00	42.10	42.00	39.62	37.55	36.29	38.10	42.20	49.23	55.31	67.00	69.28	63.28	58.13	54.00	54.00	69.28
12	54.01	50.60	50.01	50.01	51.30	56.46	67.50	79.40	84.30	80.00	71.90	68.42	68.00	63.30	62.70	62.94	64.00	67.32	72.99	84.86	85.92	75.00	70.07	61.96	85.92
13	58.06	54.93	53.56	53.20	54.62	59.62	76.92	89.44	94.29	91.55	84.69	83.32	77.62	72.70	65.50	64.30	63.50	62.99	72.65	84.33	86.56	76.80	70.71	62.30	94.29
14	59.01	58.17	57.52	57.44	59.01	62.19	80.00	104.78	108.68	95.11	84.13	83.05	79.35	75.18	69.34	66.00	65.89	69.13	76.96	93.01	96.48	82.41	73.89	65.23	108.68
15	63.49	59.97	56.54	57.75	60.34	63.66	83.71	110.77	120.87	93.59	89.67	82.29	77.99	77.82	70.70	70.00	70.90	76.46	87.56	105.08	108.09	84.06	78.88	65.03	120.87
16	60.40	58.30	56.26	55.70	58.30	62.57	75.67	99.43	103.83	86.33	74.00	73.87	70.90	65.96	63.76	64.11	65.04	66.48	75.00	88.01	87.95	76.13	70.90	62.00	103.83
17	62.46	58.30	57.01	56.76	56.92	57.42	58.90	63.19	65.82	66.37	62.53	60.98	59.50	56.28	55.33	55.01	55.01	57.00	65.17	74.99	76.70	70.87	67.05	62.60	76.70
18	65.92	60.21	59.00	58.25	57.69	58.50	59.55	61.97	66.68	68.20	65.86	67.80	62.89	58.01	55.97	57.00	59.69	62.16	69.18	81.85	87.18	83.14	76.94	68.03	87.18
19	64.50	61.62	58.65	58.84	61.06	67.20	80.99	108.00	116.00	100.05	88.00	83.48	81.25	78.93	79.85	73.00	77.50	72.98	84.00	105.55	100.24	86.44	77.92	66.81	116.00
20	66.99	65.24	63.50	63.05	66.00	69.60	88.50	107.38	114.00	93.01	81.23	77.97	78.97	70.20	67.92	68.05	74.13	77.67	91.14	110.00	115.32	96.88	84.58	74.20	115.32
21	71.05	65.14	63.87	63.82	64.80	68.82	81.25	90.16	87.24	75.92	65.94	63.18	64.09	62.01	61.01	62.01	71.01	74.69	80.00	95.00	96.36	80.80	75.11	66.80	96.36
22	65.09	61.22	59.50	58.86	60.65	65.24	73.70	82.00	87.46	79.55	75.80	70.07	67.01	65.60	62.31	63.98	63.97	70.82	76.29	86.42	89.44	79.99	73.96	66.76	89.44
23	61.69	57.61	56.40	56.90	58.96	66.00	76.30	83.44	83.06	76.00	70.00	61.70	60.01	57.97	57.05	56.99	59.40	64.10	69.02	82.68	85.72	80.82	74.52	66.34	85.72
24	66.30	61.59	59.47	58.40	57.79	59.94	61.94	64.46	65.63	61.89	57.50	57.67	57.14	51.01	51.93	48.05	53.86	57.19	63.82	71.06	73.93	69.05	64.73	59.03	73.93
25	57.32	53.50	51.70	51.40	50.20	48.30	46.00	46.15	44.99	42.45	37.00	36.75	30.75	12.90	5.33	7.09	15.98	40.40	54.45	66.79	72.87	69.10	67.40	62.42	72.87
26	57.92	54.60	53.10	51.38	53.00	59.50	73.00	81.93	83.76	71.93	64.40	60.00	61.96	58.57	58.27	62.14	65.08	69.07	79.32	86.91	85.93	75.88	71.50	61.03	86.91
27	57.66	50.75	51.29	52.78	56.51	60.63	74.00	82.18	83.53	74.97	73.60	68.00	69.06	65.54	65.05	63.44	64.41	67.43	72.96	80.54	80.48	73.09	68.50	58.52	83.53
28	46.51	43.67	40.42	43.67	46.81	54.50	68.09	80.00	82.01	70.77	65.10	65.08	65.41	59.99	56.46	59.00	62.28	65.51	73.33	79.90	79.40	70.00	66.82	58.42	82.01
29	58.10	56.33	55.15	54.71	54.83	56.99	68.80	80.20	83.72	77.00	65.98	65.58	65.40	66.60	65.06	66.67	65.40	63.95	67.19	75.94	77.87	70.95	69.43	61.65	83.72
30	58.88	56.20	55.73	55.82	56.98	58.85	64.01	70.00	71.98	70.00	65.57	65.03	64.58	60.28	59.91	60.28	61.50	68.18	67.00	83.66	85.00	79.00	72.23	66.47	85.00

Average **62.80 EUR/MWh**

April 2021



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

Congestion Prices [Euro/MWh]

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
5	-	-	-	-	-	6.10	9.36	-	-	0.75	1.02	-	-	-	-	-	-	-	-	-	-	-	-	-	9.36
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
7	-	-	-	-	-	-	-	-	-	-	-	-	-	1.28	-	-	-	-	-	-	-	-	-	-	1.28
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65	-	-	-	-	0.65
11	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48	-	-	-	-	-	-	-	-	-	-	0.48
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
15	-	1.87	3.13	1.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.13
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
23	-	-	-	-	-	-	-	-	5.84	11.06	11.89	2.55	2.91	2.39	-	-	-	-	-	-	-	-	-	-	11.89
24	-	-	-	-	-	-	-	-	-	-	-	-	0.33	-	-	-	-	-	-	-	-	-	-	-	0.33
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.22	3.22
27	3.12	5.76	5.79	2.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.79
28	9.01	10.72	13.79	9.54	8.19	2.50	6.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.79
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
30	-	-	-	-	-	-	6.48	12.50	16.12	10.03	7.81	5.44	0.65	1.22	-	0.05	-	0.72	9.08	-	-	-	-	-	16.12

Average 5.34 EUR/MWh

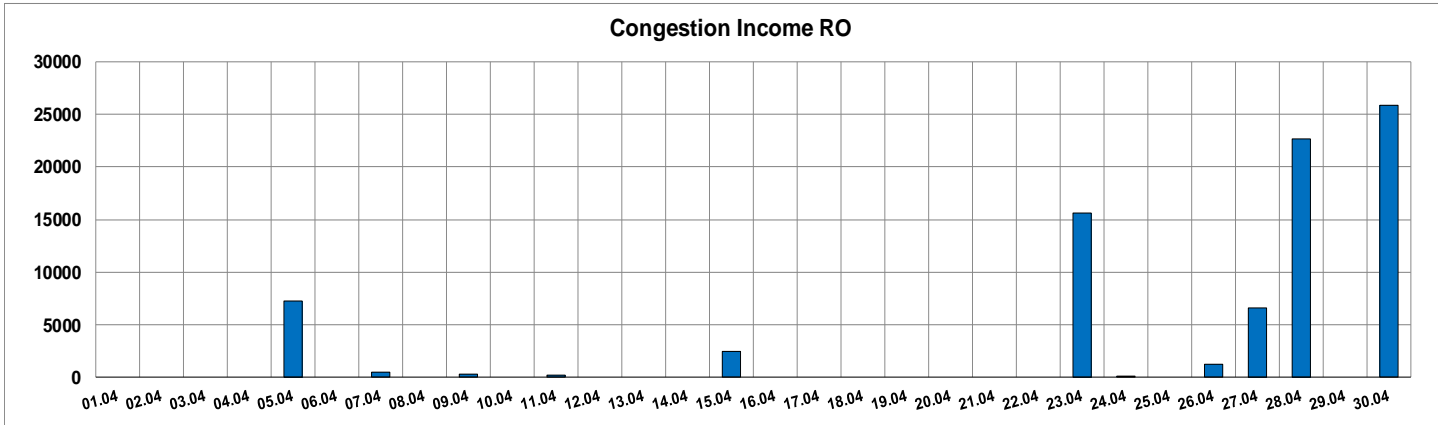
April 2021



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border



Day	Congestion Income border RO-HU [Euro]	Congestion Income RO [Euro]
01.04	0	0
02.04	0	0
03.04	0	0
04.04	0	0
05.04	14619	7309
06.04	0	0
07.04	957	479
08.04	0	0
09.04	554	277
10.04	0	0
11.04	364	182
12.04	0	0
13.04	0	0
14.04	0	0
15.04	4859	2429
16.04	0	0
17.04	0	0
18.04	0	0
19.04	0	0
20.04	0	0
21.04	0	0
22.04	0	0
23.04	31217	15609
24.04	278	139
25.04	0	0
26.04	2441	1220
27.04	13197	6598
28.04	45320	22660
29.04	0	0
30.04	51804	25902
Total	165610	82805

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-HU	HU-RO	RO-HU	HU-RO
118942	46668	77820	25341
165610		103161	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
62449	31224



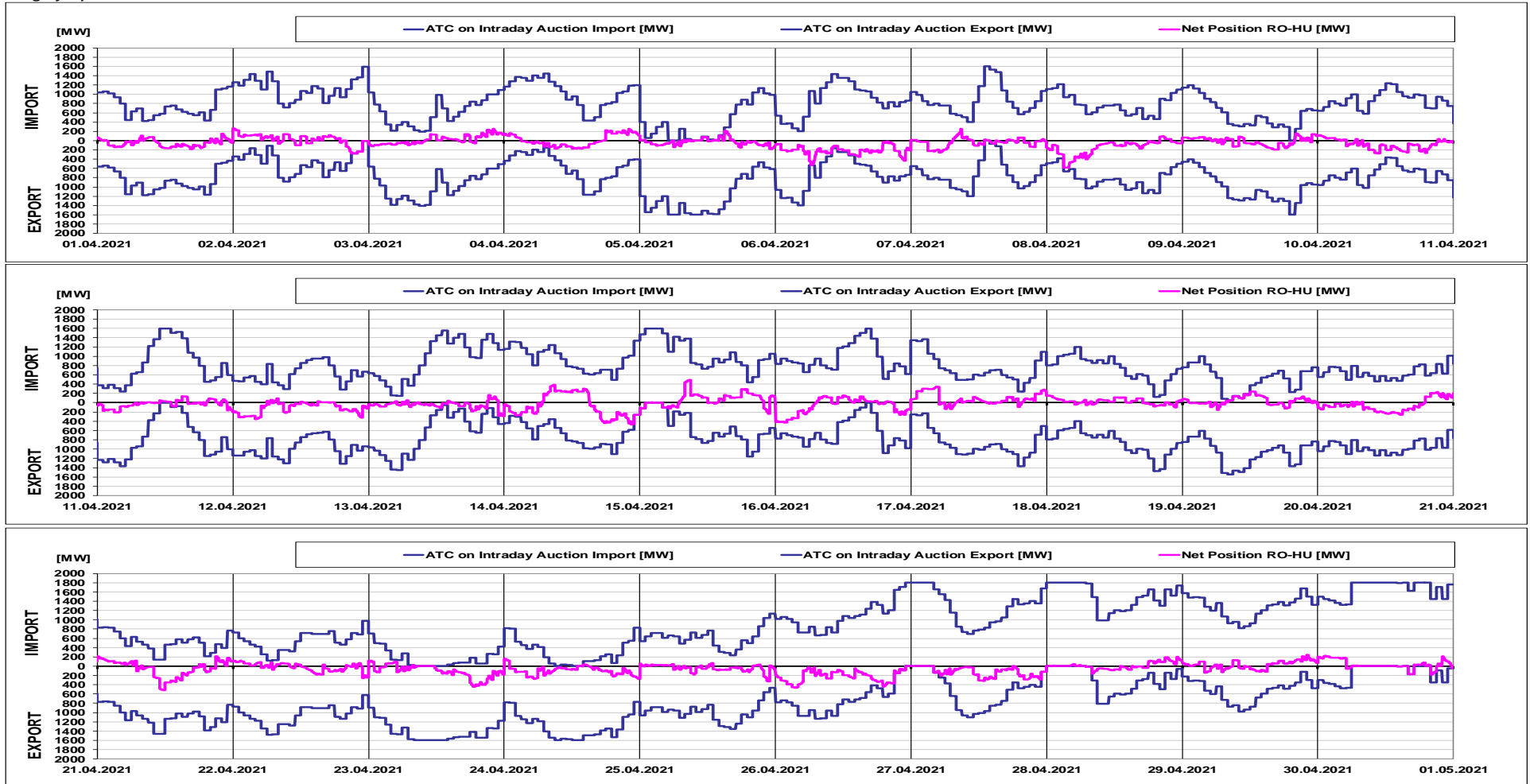
Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Implicit Intraday Auctions on Romanian – Hungarian border

Hungary April 2021



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

Public

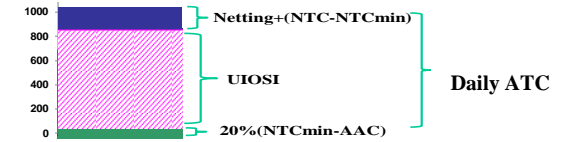


Transelectrica®
Societate Administrată în Sistem Dualist

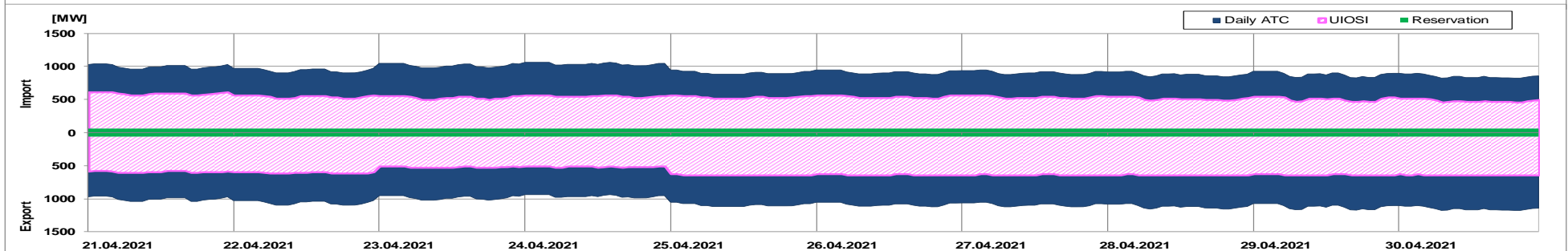
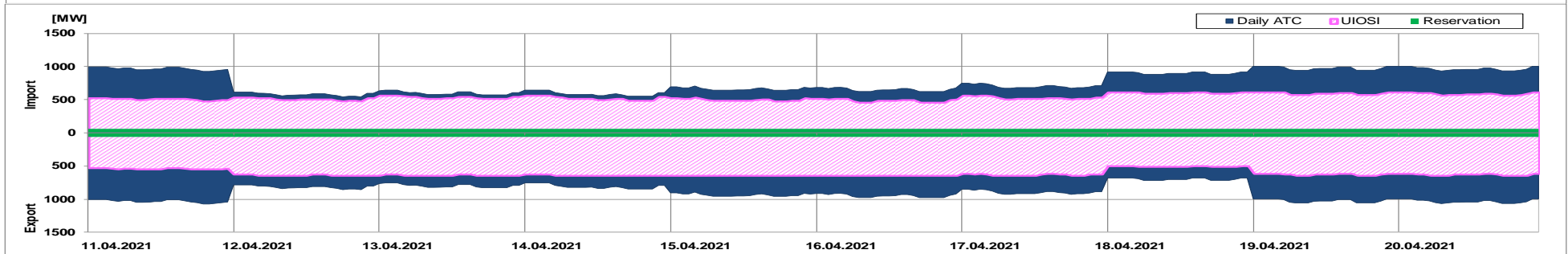
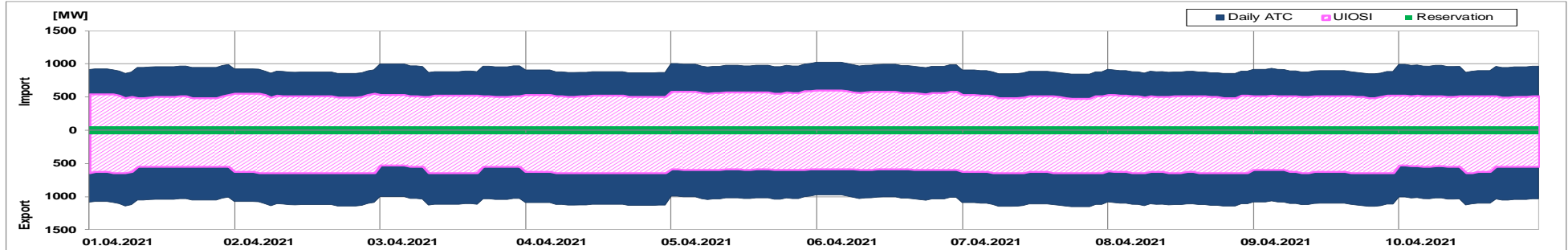
Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Bulgarian border

Reserved Capacity [MW] average value		Unused Capacity [MW] average value	
RO-BG	BG-RO	RO-BG	BG-RO
61	61	604	534



Bulgaria April 2021

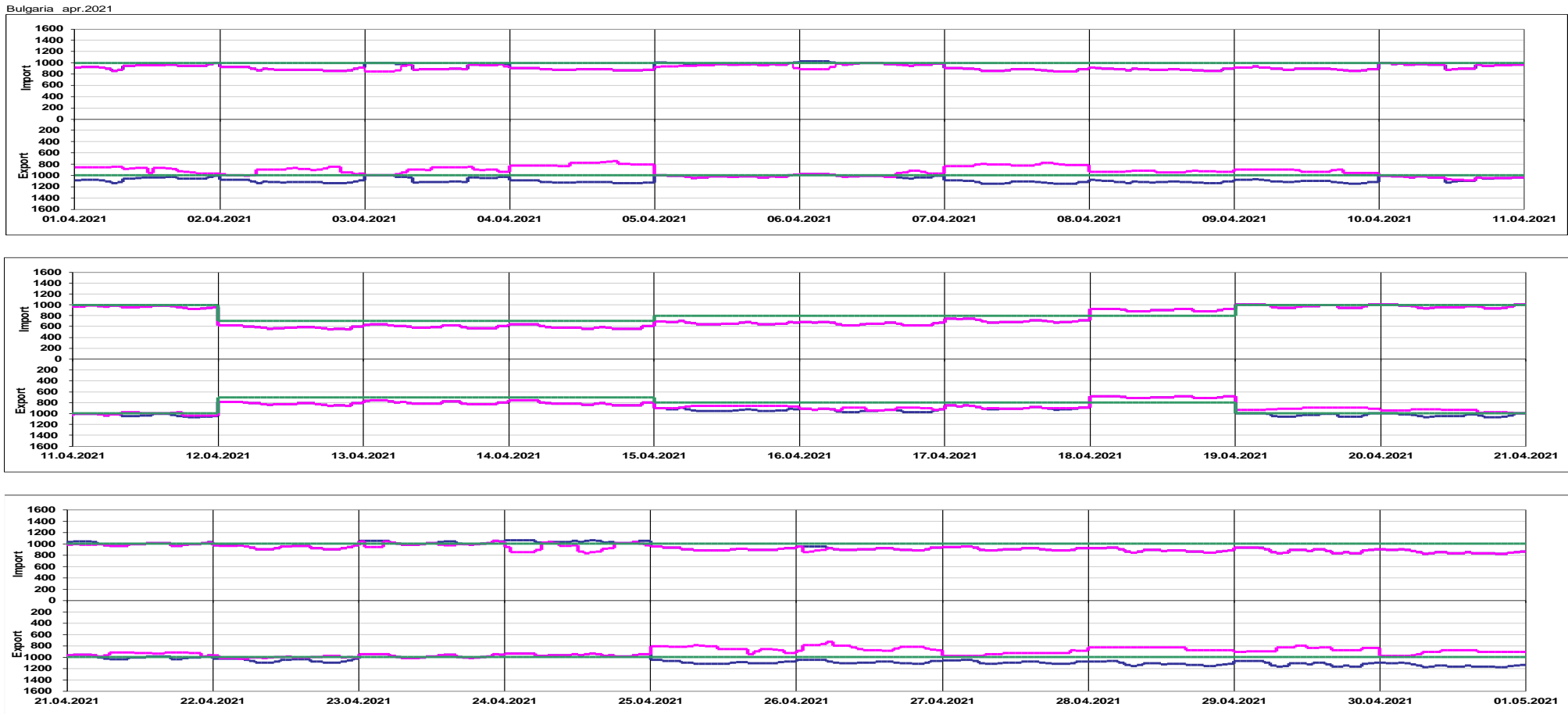


Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Bulgarian border



Transelectrica®
Societate Administrată în Sistem Dualist



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

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

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

Public



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Bulgarian border

Auction Price [Euro/MWh] – Export

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.09	0.09	0.08	0.10	0.10	0.15	0.21	0.21	0.15	0.05	0.01	0.01	0.05	0.14	0.14	0.15	0.21
6	0.05	0.20	0.15	0.15	0.10	0.04	0.01	0.00	0.00	0.01	0.04	0.04	0.04	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.06	0.06	0.05	0.05	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.06
11	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
12	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.04	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.07
13	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.06	0.06	0.06	0.03	0.02	0.02	0.02	0.03	0.03	0.05	0.05	0.06
14	0.05	0.05	0.05	0.05	0.05	0.03	0.02	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.03	0.05
15	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
16	0.02	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
17	0.03	0.03	0.03	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03
18	0.12	0.12	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.12	0.12	0.12	0.07	0.11	0.11	0.11	0.11	0.11	0.11	0.12
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	0.01	0.01	0.01
21	0.01	0.04	0.04	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
22	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
23	0.12	0.15	0.12	0.12	0.12	0.06	0.04	0.01	0.03	0.01	0.01	0.05	0.05	0.05	0.11	0.12	0.05	0.04	0.01	0.01	0.03	0.03	0.05	0.05	0.15
24	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Bulgaria April 2021



Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Bulgarian border

Auction Price [Euro/MWh] – Import

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	0.36	0.36	0.36	0.36	0.36	0.55	0.55	0.51	0.25	0.32	0.11	0.17	0.17	0.11	0.10	0.05	0.05	0.11	0.45	0.47	0.47	0.47	0.18	0.04	0.55
2	0.03	0.01	0.01	0.01	0.01	0.03	0.11	0.09	0.09	0.11	0.36	0.36	0.45	0.45	0.45	0.45	0.36	0.36	0.28	0.36	0.36	0.23	0.05	0.05	0.45
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.17	0.22	0.26	0.22	0.22	0.05	0.05	0.02	0.01	0.01	0.09	0.13	0.05	0.02	0.00	0.26
4	0.08	0.09	0.04	0.03	0.03	0.05	0.18	0.50	0.36	0.51	0.36	0.35	0.35	0.35	0.35	0.51	0.51	0.22	0.22	0.36	0.36	0.23	0.18	0.18	0.51
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.09	0.09	0.03	0.01	0.00	0.09
6	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.09	0.01	0.01	0.01	0.02	0.02	0.11	0.11	0.11	0.05	0.11	0.33	0.22	0.11	0.03	0.03	0.33
7	0.26	0.26	0.26	0.26	0.26	0.32	0.65	0.65	0.65	0.65	0.65	0.57	0.65	0.57	0.54	0.54	0.57	0.51	0.60	1.00	1.10	1.01	0.55	0.51	1.10
8	0.33	0.36	0.91	0.63	0.35	0.73	1.00	0.73	1.22	1.60	1.60	1.60	1.60	1.60	1.29	1.22	1.05	0.51	0.55	1.51	1.60	1.60	0.88	0.63	1.60
9	0.17	0.17	0.22	0.13	0.22	0.25	0.33	0.44	0.92	1.50	1.07	1.54	1.14	1.71	1.60	1.37	0.75	0.65	0.50	0.65	0.92	0.57	0.44	0.44	1.71
10	0.05	0.05	0.05	0.05	0.06	0.17	0.22	0.22	0.36	0.41	0.36	0.44	0.44	0.44	0.44	0.41	0.22	0.31	0.25	0.31	0.29	0.25	0.22	0.22	0.44
11	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.08	0.17	0.18	0.22	0.21	0.20	0.14	0.14	0.11	0.08	0.11	0.13	0.17	0.17	0.11	0.10	0.04	0.22
12	0.22	0.17	0.17	0.17	0.22	0.40	0.46	0.81	0.98	0.98	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.81	1.11	1.11	1.71	1.71	0.59	0.59	1.71
13	0.88	0.88	0.84	0.84	0.88	1.10	1.91	1.91	2.20	2.11	2.11	2.20	2.12	2.12	2.12	2.12	2.12	2.00	2.12	2.12	2.12	1.85	1.32	1.32	2.20
14	1.11	1.11	1.11	1.11	1.11	2.51	2.55	3.22	3.46	3.80	5.00	5.00	5.00	5.00	5.00	5.00	5.00	3.80	3.22	3.33	3.33	3.22	2.22	1.65	5.00
15	0.66	0.85	1.00	1.00	0.55	1.10	2.56	3.18	3.55	3.18	3.07	3.07	2.55	2.55	2.10	2.10	1.30	1.68	1.11	1.30	1.92	1.10	0.77	1.18	3.55
16	2.00	2.00	2.00	2.00	2.00	2.50	2.85	3.33	5.00	4.18	3.90	3.90	3.90	3.55	2.10	2.10	2.43	2.70	3.00	3.90	3.90	3.00	2.22	1.50	5.00
17	0.52	0.44	0.44	0.44	0.44	0.88	0.88	1.50	1.50	1.35	0.99	0.88	0.66	0.53	0.47	0.44	0.52	0.52	0.66	0.88	0.66	0.88	0.53	0.44	1.50
18	0.08	0.08	0.08	0.10	0.10	0.13	0.16	0.26	0.26	0.26	0.26	0.13	0.13	0.17	0.13	0.13	0.13	0.17	0.17	0.17	0.17	0.14	0.11	0.11	0.26
19	0.08	0.08	0.08	0.10	0.10	0.10	0.12	0.41	0.40	0.41	0.13	0.12	0.12	0.12	0.11	0.11	0.11	0.16	0.26	0.33	0.39	0.26	0.13	0.13	0.41
20	0.05	0.05	0.05	0.07	0.07	0.11	0.16	0.53	0.53	0.42	0.38	0.38	0.36	0.36	0.25	0.36	0.11	0.17	0.25	0.11	0.11	0.11	0.07	0.05	0.53
21	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.42	0.66	0.66	0.50	0.53	0.42	0.37	0.22	0.12	0.05	0.06	0.08	0.06	0.06	0.08	0.05	0.00	0.66
22	0.02	0.00	0.00	0.00	0.01	0.01	0.06	0.11	0.11	0.15	0.03	0.02	0.02	0.01	0.01	0.01	0.11	0.11	0.11	0.15	0.15	0.11	0.06	0.02	0.15
23	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.11	0.10	0.05	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.04	0.05	0.07	0.10	0.05	0.03	0.00	0.11
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.05	0.03	0.00	0.00	0.05
25	0.01	0.01	0.02	0.02	0.02	0.11	0.08	0.08	0.11	0.15	0.11	0.11	0.11	0.05	0.05	0.05	0.08	0.05	0.05	0.05	0.05	0.03	0.01	0.01	0.15
26	0.01	0.00	0.00	0.00	0.00	0.11	0.18	0.26	0.26	0.51	0.51	0.51	0.31	0.23	0.23	0.23	0.19	0.26	0.26	0.33	0.33	0.26	0.19	0.20	0.51
27	0.15	0.15	0.15	0.11	0.11	0.20	0.26	0.33	0.26	0.26	0.23	0.17	0.05	0.04	0.04	0.04	0.26	0.26	0.33	0.33	0.27	0.26	0.23	0.20	0.33
28	0.11	0.11	0.16	0.11	0.05	0.23	0.48	0.51	0.51	0.39	0.51	0.51	0.51	0.51	0.51	0.54	0.51	0.51	0.38	0.39	0.51	0.38	0.33	0.26	0.54
29	0.05	0.02	0.01	0.01	0.00	0.12	0.12	0.26	0.25	0.17	0.30	0.26	0.36	0.05	0.05	0.05	0.05	0.05	0.26	0.26	0.27	0.23	0.12	0.20	0.36
30	0.60	0.44	0.44	0.44	0.51	0.77	0.98	2.50	2.55	2.50	2.48	2.48	2.50	2.55	2.48	2.50	1.92	1.55	1.44	1.97	1.99	2.10	1.99	1.99	2.55

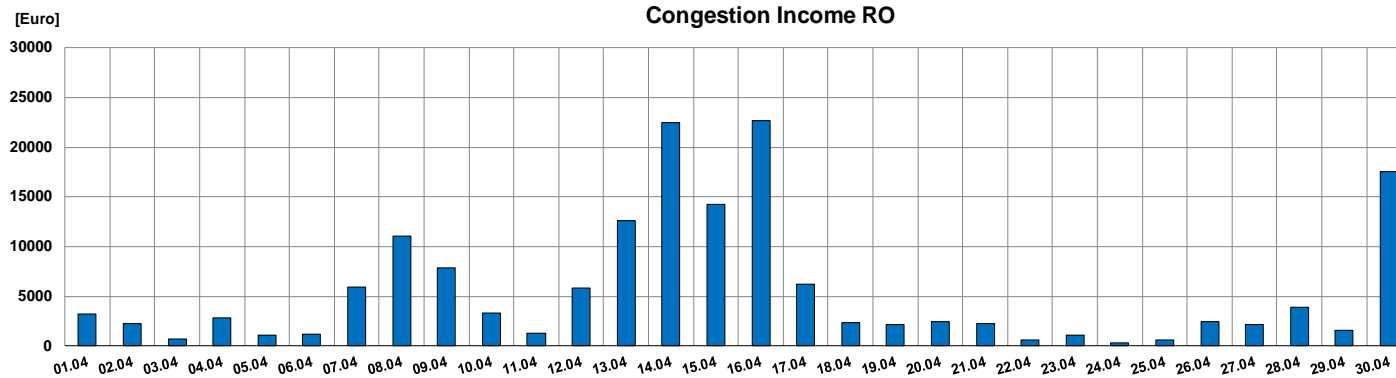
Bulgaria April 2021



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Allocation on Romanian – Bulgarian border



Day	Congestion Income border RO-BG [Euro]	Congestion Income RO [Euro]
01.04	6422	3211
02.04	4430	2215
03.04	1395	697
04.04	5617	2809
05.04	2149	1074
06.04	2317	1158
07.04	11801	5901
08.04	22065	11033
09.04	15742	7871
10.04	6566	3283
11.04	2479	1240
12.04	11562	5781
13.04	25282	12641
14.04	44957	22479
15.04	28524	14262
16.04	45317	22659
17.04	12337	6168
18.04	4712	2356
19.04	4200	2100
20.04	4905	2452
21.04	4495	2248
22.04	1283	642
23.04	2161	1080
24.04	584	292
25.04	1268	634
26.04	4834	2417
27.04	4224	2112
28.04	7864	3932
29.04	3050	1525
30.04	35034	17517
Total	327577	163789

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-BG	BG-RO	RO-BG	BG-RO
9579	317998	6134	223447
327577		229581	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
97996	48998

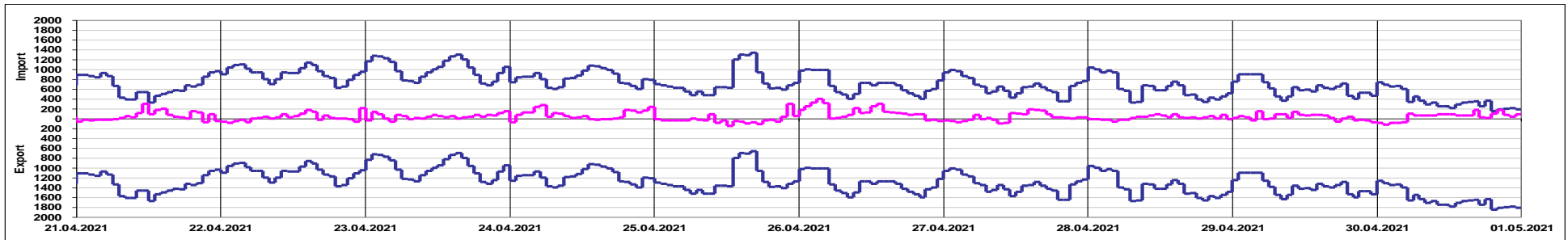
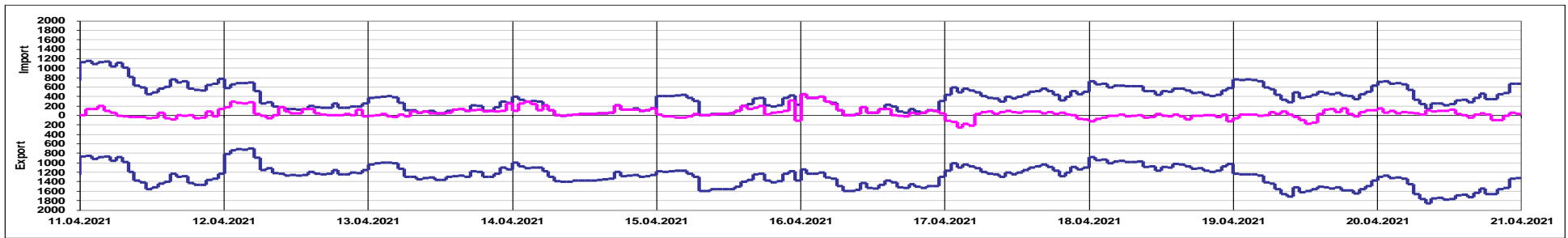
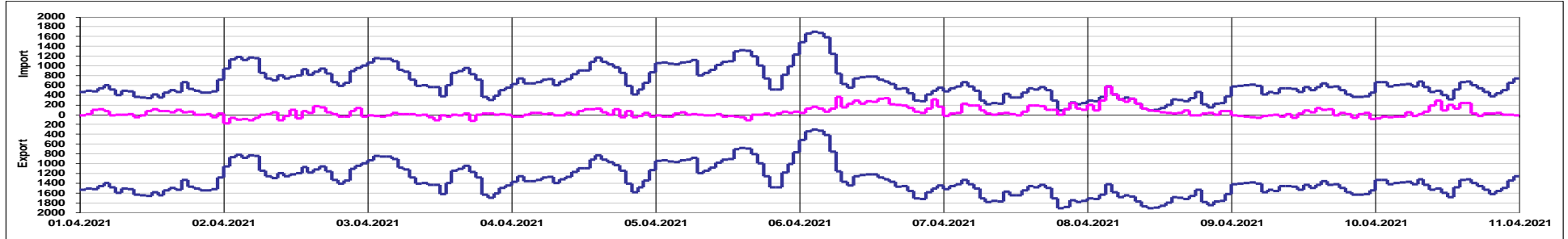


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Implicit Intraday Auctions on Romanian – Bulgarian border

Bulgaria April 2021



Offered Capacity on Intraday Auction [MW]

Net Position border RO - BG [MWh]

Public

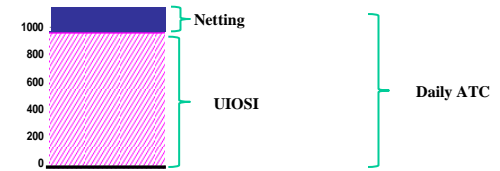


Transelectrica®
Societate Administrată în Sistem Dualist

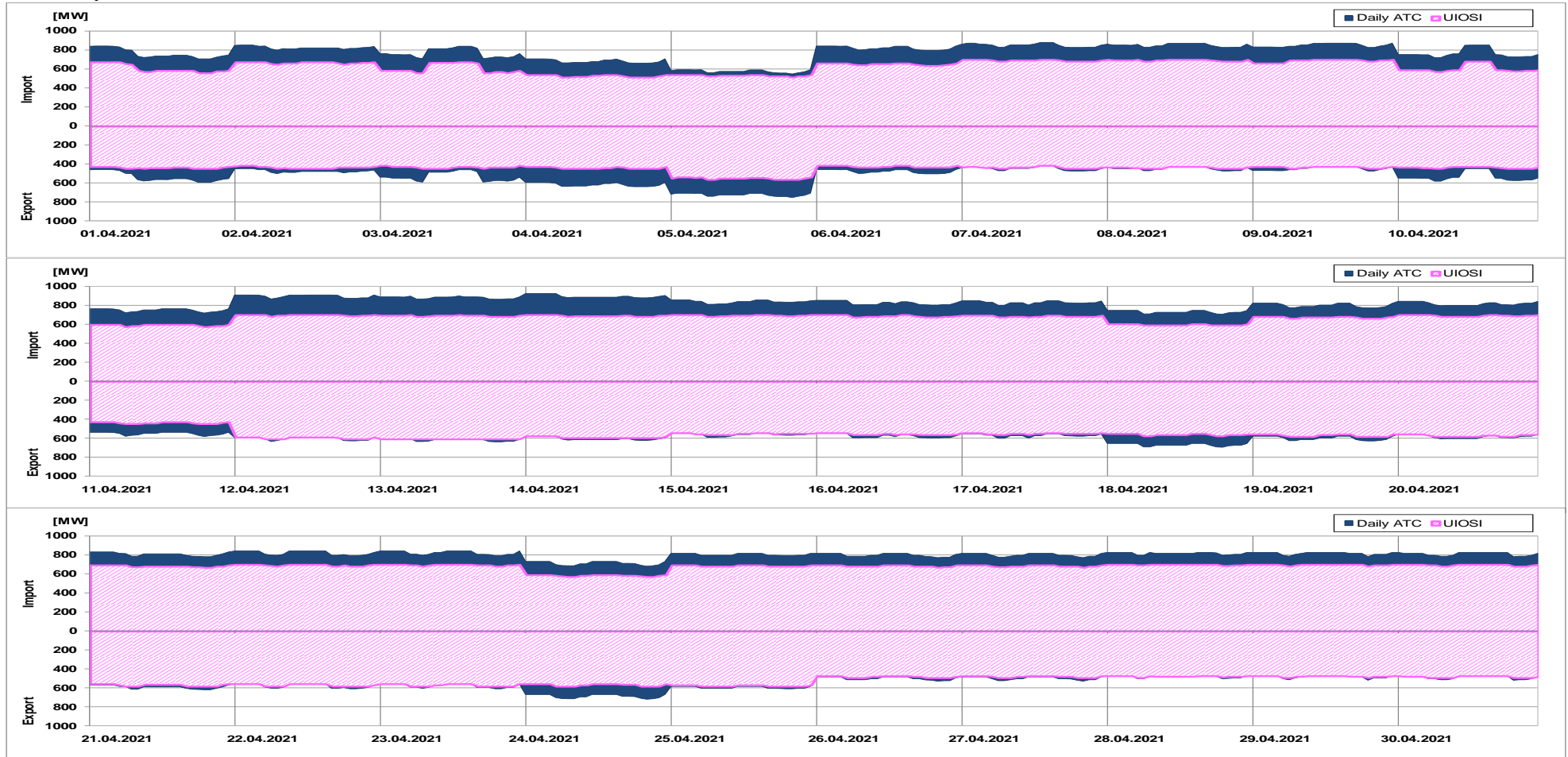
Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Unused Capacity [MW] average value	
RO-RS	RS-RO
510	654



Serbia April 2021



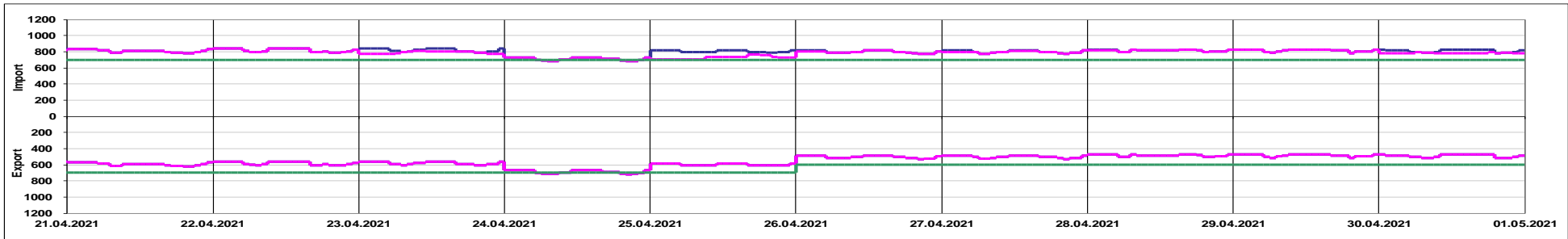
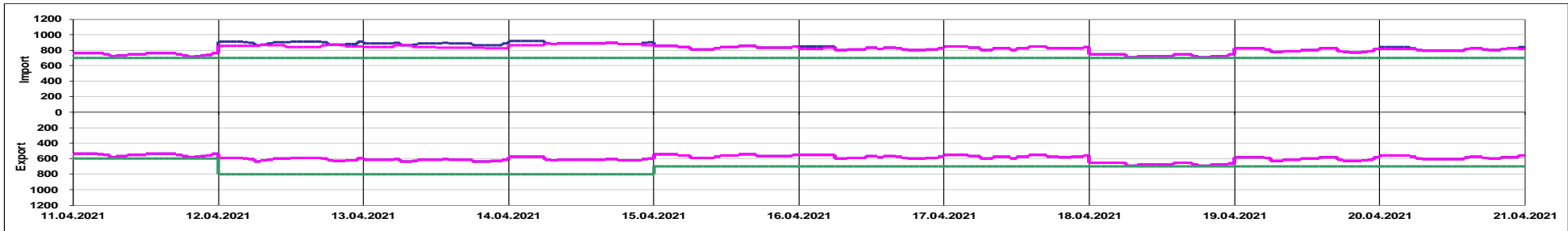
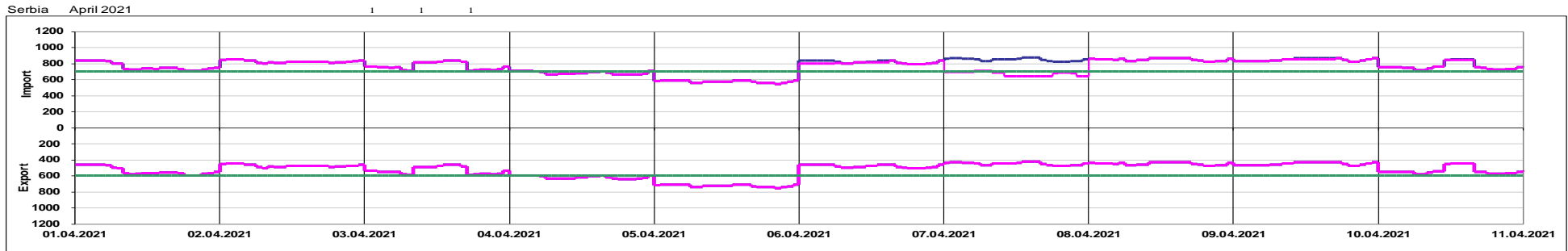


Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border



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

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

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



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] – Export

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	0.22	0.22	0.22	0.22	0.22	0.22	0.20	0.15	0.10	0.10	0.10	0.10	0.10	0.10	0.12	0.12	0.12	0.10	0.09	0.09	0.20	0.22	0.22	0.26	0.26
2	0.76	0.76	0.88	0.88	0.77	0.51	0.31	0.18	0.20	0.18	0.18	0.20	0.20	0.20	0.25	0.25	0.20	0.20	0.18	0.20	0.44	0.60	0.60	0.60	0.88
3	0.20	0.20	0.16	0.16	0.09	0.09	0.05	0.05	0.09	0.09	0.09	0.09	0.12	0.12	0.12	0.12	0.12	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.20
4	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.03
5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.08	0.09	0.09	0.11	0.11
6	1.10	1.10	1.10	0.88	0.88	0.77	0.31	0.21	0.25	0.25	0.31	0.31	0.31	0.36	0.31	0.13	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.20	1.10
7	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.31	0.34	0.45	0.51	0.51	1.10	1.10	1.10	1.10	0.51	0.26	0.26	0.26	0.26	0.26	0.26	0.28	1.10
8	0.12	0.12	0.12	0.12	0.12	0.09	0.08	0.08	0.09	0.09	0.09	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
9	0.15	0.15	0.23	0.23	0.33	0.23	0.18	0.12	0.12	0.12	0.33	0.33	0.47	0.47	0.47	0.47	0.33	0.15	0.12	0.11	0.11	0.12	0.15	0.18	0.47
10	0.08	0.08	0.09	0.09	0.09	0.09	0.08	0.06	0.08	0.08	0.09	0.15	0.15	0.22	0.22	0.15	0.09	0.08	0.08	0.08	0.08	0.08	0.09	0.11	0.22
11	0.08	0.08	0.08	0.08	0.08	0.08	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
12	0.15	0.15	0.15	0.15	0.15	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.15
13	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.12	0.27	0.29	0.29	0.33	0.33	0.33	0.29	0.31	0.16	0.16	0.21	0.60	0.60	0.66	0.66
14	1.10	1.10	1.10	1.10	1.10	0.77	0.76	0.50	0.31	0.17	0.17	0.12	0.12	0.12	0.12	0.22	0.31	0.31	0.21	0.21	0.26	0.56	0.60	0.85	1.10
15	0.65	0.61	0.61	0.61	0.51	0.51	0.12	0.12	0.12	0.09	0.12	0.12	0.12	0.12	0.18	0.21	0.21	0.08	0.09	0.09	0.12	0.09	0.12	0.12	0.65
16	0.27	0.27	0.27	0.18	0.18	0.18	0.08	0.08	0.08	0.08	0.08	0.15	0.18	0.20	0.22	0.22	0.22	0.08	0.06	0.06	0.06	0.08	0.08	0.08	0.27
17	0.12	0.12	0.12	0.12	0.12	0.12	0.08	0.08	0.12	0.12	0.12	0.08	0.12	0.12	0.12	0.12	0.12	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.12
18	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05
19	0.06	0.06	0.06	0.06	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.06	0.06
20	0.18	0.18	0.18	0.18	0.18	0.17	0.12	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.18
21	0.10	0.10	0.10	0.10	0.10	0.09	0.08	0.06	0.06	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.06	0.06	0.06	0.06	0.06	0.08	0.09	0.10
22	0.16	0.16	0.18	0.18	0.18	0.16	0.06	0.06	0.08	0.10	0.16	0.16	0.16	0.26	0.24	0.24	0.17	0.16	0.08	0.06	0.09	0.18	0.20	0.20	0.26
23	0.09	0.09	0.09	0.09	0.08	0.03	0.03	0.02	0.02	0.03	0.06	0.06	0.06	0.06	0.09	0.09	0.05	0.03	0.02	0.02	0.02	0.03	0.03	0.03	0.09
24	0.03	0.03	0.03	0.03	0.03	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.03	0.03
25	0.09	0.09	0.09	0.09	0.09	0.06	0.03	0.03	0.03	0.03	0.09	0.11	0.11	0.11	0.11	0.11	0.03	0.03	0.03	0.03	0.03	0.03	0.09	0.11	0.11
26	0.22	0.22	0.22	0.22	0.22	0.13	0.11	0.11	0.11	0.11	0.13	0.15	0.15	0.15	0.13	0.13	0.11	0.11	0.09	0.09	0.09	0.11	0.11	0.21	0.22
27	0.51	0.51	0.51	0.51	0.51	0.33	0.20	0.13	0.14	0.23	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.13	0.13	0.12	0.19	0.33	0.42	0.60	0.60
28	1.10	1.10	1.10	1.10	1.10	0.88	0.38	0.31	0.29	0.63	0.88	0.88	0.88	0.88	0.88	0.88	0.77	0.46	0.31	0.23	0.38	0.55	0.60	0.60	1.10
29	0.26	0.26	0.26	0.26	0.26	0.15	0.10	0.10	0.11	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.13	0.13	0.15	0.09	0.10	0.10	0.24	0.25	0.26
30	0.54	0.53	0.53	0.53	0.70	0.63	0.84	1.19	2.12	2.12	2.12	2.12	2.22	2.22	2.22	2.22	1.25	1.06	0.75	0.63	0.63	0.63	0.63	0.73	2.22

Serbia April 2021



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] – Import

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.03	0.02	0.02	0.01	0.05
2	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.09	0.11	0.09	0.09	0.05	0.05	0.09	0.09	0.11	0.11	0.11	0.13	0.11	0.05	0.05	0.05	0.03	0.13
3	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03
4	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.15	0.22	0.22	0.22	0.22	0.22	0.16	0.16	0.22
5	0.43	0.43	0.43	0.43	0.43	0.43	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.41	0.41	0.41	0.43	0.43	0.43	0.43	0.36	0.30	0.30	0.21	0.88
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.09	0.11	0.11	0.07	0.06	0.03	0.11
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	0.04	0.04	0.04	0.05	0.07	0.06	0.07	0.08	0.07	0.07	0.06	0.06	0.06	0.03	0.03	0.03	0.03	0.04	0.07	0.07	0.07	0.07	0.04	0.03	0.08
9	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.04	0.04	0.02	0.02	0.02	0.04
10	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.06	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.09	0.09	0.08	0.08	0.08	0.07	0.12
11	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03
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	0.01	0.01	0.00	0.00	0.00	0.00	0.01
13	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
14	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.03	0.06	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.00	0.00	0.00	0.06
15	0.03	0.03	0.03	0.03	0.04	0.04	0.06	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.02	0.02	0.06
16	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.03	0.03	0.03	0.01	0.01	0.03	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.01	0.01	0.01	0.03
17	0.06	0.06	0.06	0.06	0.06	0.06	0.09	0.09	0.09	0.06	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.09	0.09	0.09	0.09	0.06	0.06	0.09
18	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.09
19	0.03	0.03	0.03	0.03	0.03	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.03	0.03	0.03	0.05	0.06	0.06	0.05	0.05	0.03	0.02	0.06
20	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.04	0.03	0.04	0.04	0.04	0.02	0.02	0.02	0.00	0.06
21	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.11	0.11	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.04	0.05	0.06	0.08	0.06	0.04	0.03	0.03	0.11
22	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.05	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.05	0.05	0.05	0.02	0.02	0.02	0.05
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.05	0.05	0.05	0.00	0.00	0.00	0.05
24	0.04	0.04	0.04	0.04	0.04	0.09	0.15	0.35	0.35	0.30	0.15	0.09	0.09	0.09	0.09	0.09	0.15	0.10	0.21	0.25	0.21	0.09	0.09	0.06	0.35
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.01	0.03
27	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
28	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
29	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.02
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01

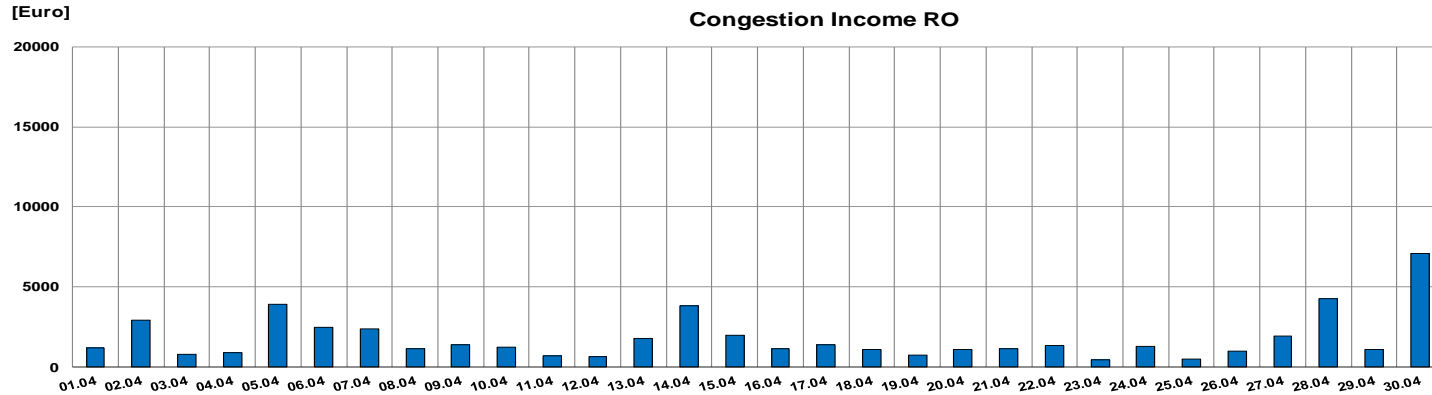
Serbia April 2021



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Allocation on Romanian – Serbian border



Day	Congestion Income border RO-RS [Euro]	Congestion Income RO [Euro]
01.04	2418	1209
02.04	5888	2944
03.04	1547	773
04.04	1766	883
05.04	7835	3918
06.04	4927	2463
07.04	4723	2362
08.04	2288	1144
09.04	2823	1411
10.04	2529	1264
11.04	1362	681
12.04	1270	635
13.04	3587	1794
14.04	7680	3840
15.04	3944	1972
16.04	2254	1127
17.04	2763	1381
18.04	2220	1110
19.04	1535	767
20.04	2172	1086
21.04	2332	1166
22.04	2667	1334
23.04	878	439
24.04	2611	1305
25.04	975	487
26.04	1998	999
27.04	3897	1948
28.04	8572	4286
29.04	2218	1109
30.04	14229	7115
Total	105908	52954

Daily Income [Euro]		Remuneration UIOSI [Euro]	
RO-RS	RS-RO	RO-RS	RS-RO
80613	25295	77129	21279
105908		98408	

TSO Income (Z-R) [Euro]	RO TSO Income (Z-R) [Euro]
7500	3750

Public

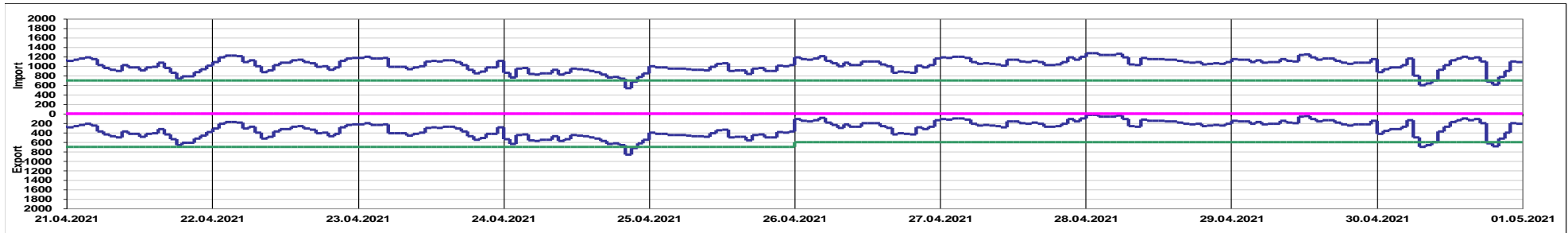
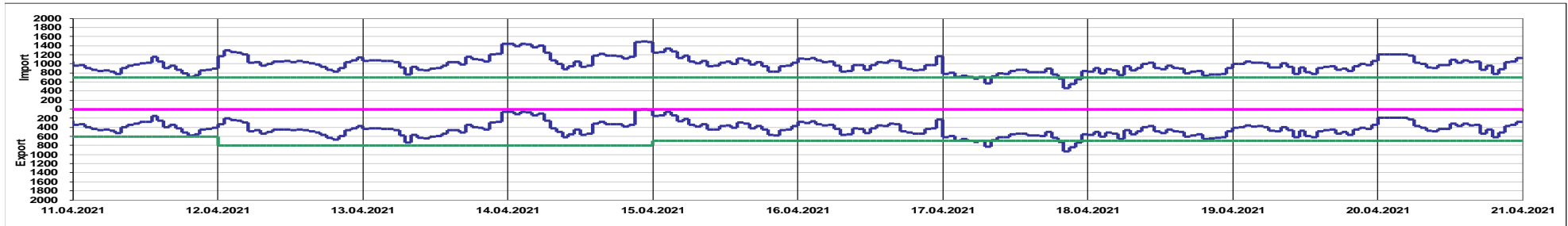
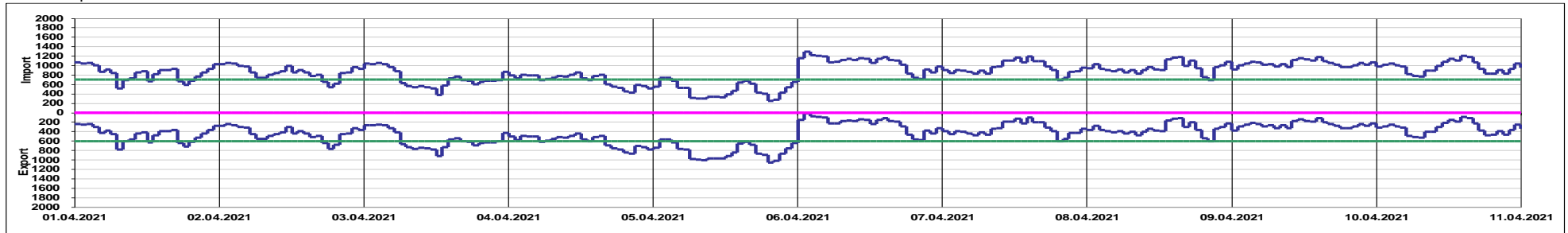


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Serbian border

Serbia April 2021



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

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

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

Market for Allocation of Cross-Border Capacities



Transelectrica[®]
Societate Administrată în Sistem Dualist

Statistics on Monthly Auction

April 2021		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Hungary export	Number of Capacity Traders	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
	Number of Capacity Holders	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
	Number of Bids	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219	219
Hungary import	Number of Capacity Traders	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
	Number of Capacity Holders	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Number of Bids	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173
Bulgaria export	Number of Capacity Traders	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
	Number of Capacity Holders	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	Number of Bids	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142
Bulgaria import	Number of Capacity Traders	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
	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
	Number of Bids	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137
Serbia export	Number of Capacity Traders	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	Number of Capacity Holders	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	Number of Bids	52	52	52	52	52	52	52	52	52	52	52	52	52	52	48	48	48	46	46	46	46	46	46	46	46	46	46	46	46	46
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
	Number of Capacity Holders	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
	Number of Bids	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
Ukraine export	Number of Capacity Traders	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	5	5	5	5	5	5	5	5	5	5	5	5	5	
	Number of Capacity Holders	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	5	5	5	5	5	5	5	5	5	5	5	5	5	
	Number of Bids	17	17	17	17	17	17	17	17	17	17	17	-	-	-	-	-	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Ukraine import	Number of Capacity Traders	8	8	8	8	8	8	8	8	8	8	8	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	7	7	7	
	Number of Capacity Holders	8	8	8	8	8	8	8	8	8	8	8	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	
	Number of Bids	24	24	24	24	24	24	24	24	24	24	24	-	-	-	-	-	23	23	23	23	23	23	23	23	23	23	23	23	23	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

April 2021	Maximum	Minimum
Number of Capacity Traders	31	5
Number of Capacity Holders	15	5
Number of Bids	219	17

Market for Allocation of Cross-Border Capacities



Statistics on Daily Auctions

April 2021		Daily Auctions																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Serbia Export	Maximum Number of Capacity Traders	11	10	9	8	9	9	10	9	10	9	9	9	10	12	12	10	9	9	9	9	9	9	10	9	8	9	10	10	8	9
	Maximum Number of Capacity Holders	9	8	9	8	9	8	9	9	8	9	9	9	9	10	10	9	9	9	9	9	9	9	10	9	8	8	8	8	7	7
	Maximum Number of Bids	45	42	40	36	38	39	43	38	40	38	38	39	45	49	42	39	39	41	37	38	37	42	36	37	35	36	39	45	39	45
Serbia Import	Maximum Number of Capacity Traders	11	11	10	10	9	11	10	11	11	9	9	10	12	12	11	11	11	9	10	11	10	10	11	10	9	10	10	10	9	9
	Maximum Number of Capacity Holders	11	11	10	10	9	10	10	11	11	9	9	10	11	12	11	11	11	9	10	11	10	10	11	10	9	10	10	10	9	9
	Maximum Number of Bids	47	46	40	36	37	40	37	44	39	38	37	38	42	40	41	39	41	38	41	41	39	41	39	40	33	37	39	38	37	43
Bulgaria Export	Maximum Number of Capacity Traders	14	16	15	11	17	18	15	14	14	14	13	13	13	15	13	13	13	13	13	14	15	16	16	14	12	11	14	14	13	15
	Maximum Number of Capacity Holders	14	16	15	11	17	18	15	14	14	14	13	13	13	15	13	13	13	13	13	14	15	16	16	14	12	11	14	14	13	15
	Maximum Number of Bids	36	39	38	30	39	45	35	33	34	36	36	37	34	34	30	33	33	34	34	33	34	33	37	33	29	27	37	35	33	38
Bulgaria Import	Maximum Number of Capacity Traders	18	17	17	17	16	18	18	18	18	18	17	16	17	18	19	19	18	15	17	18	19	18	18	18	17	16	19	19	17	21
	Maximum Number of Capacity Holders	18	17	17	16	15	18	17	17	17	17	17	14	14	12	16	14	16	15	17	18	19	18	18	18	17	16	19	19	17	20
	Maximum Number of Bids	42	41	40	42	37	42	46	47	45	43	40	44	41	42	44	44	43	36	41	44	46	44	43	44	39	38	41	44	43	52

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

Statistics on Intraday Auctions

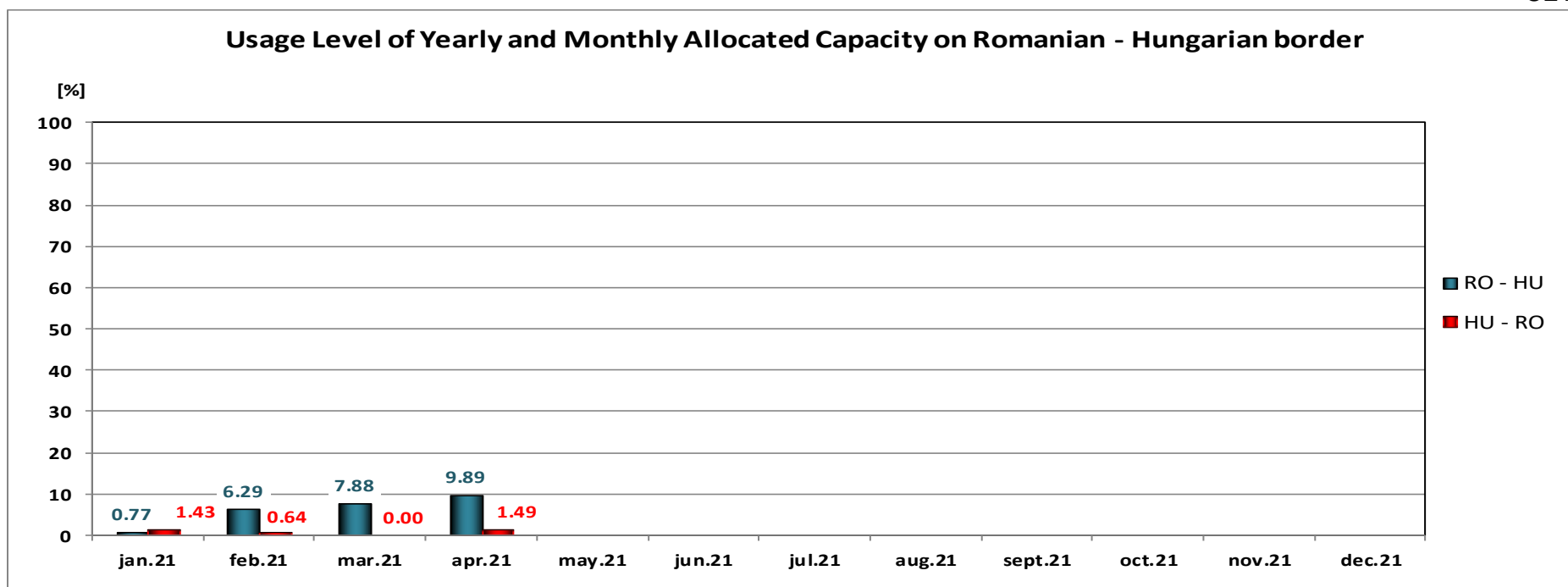
April 2021		Intraday Auctions																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Serbia Export	Maximum Number of Capacity Traders	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Maximum Number of Capacity Holders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Serbia Import	Maximum Number of Capacity Traders	0	0	0	0	0	0	0	0	0	0	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Long term Auction on Romanian – Hungarian border

Usage Level of Allocated Capacity

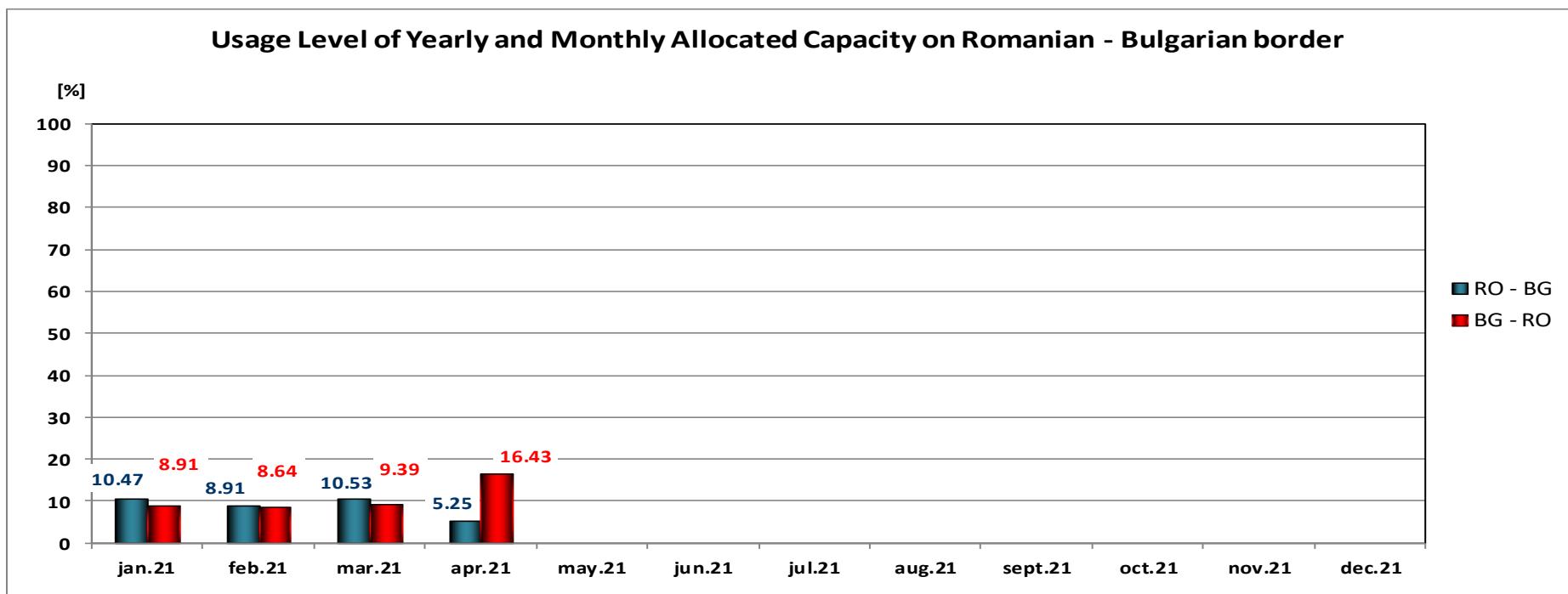
CET



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

From the beginning of the year, the average values (arithmetic) of usage level are: 6.21% on export direction and 0.89% 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: 8.79% on export direction and 10.84% on import direction.



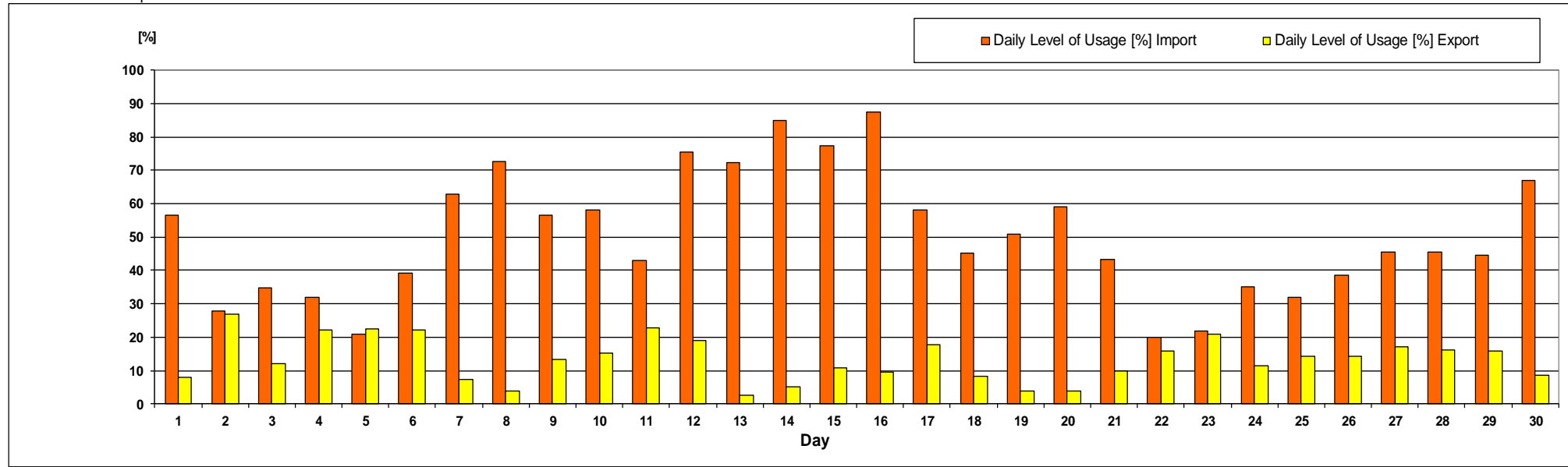
Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Bulgarian border

Usage Level of Daily Allocated Capacity

RO-BG April 2021



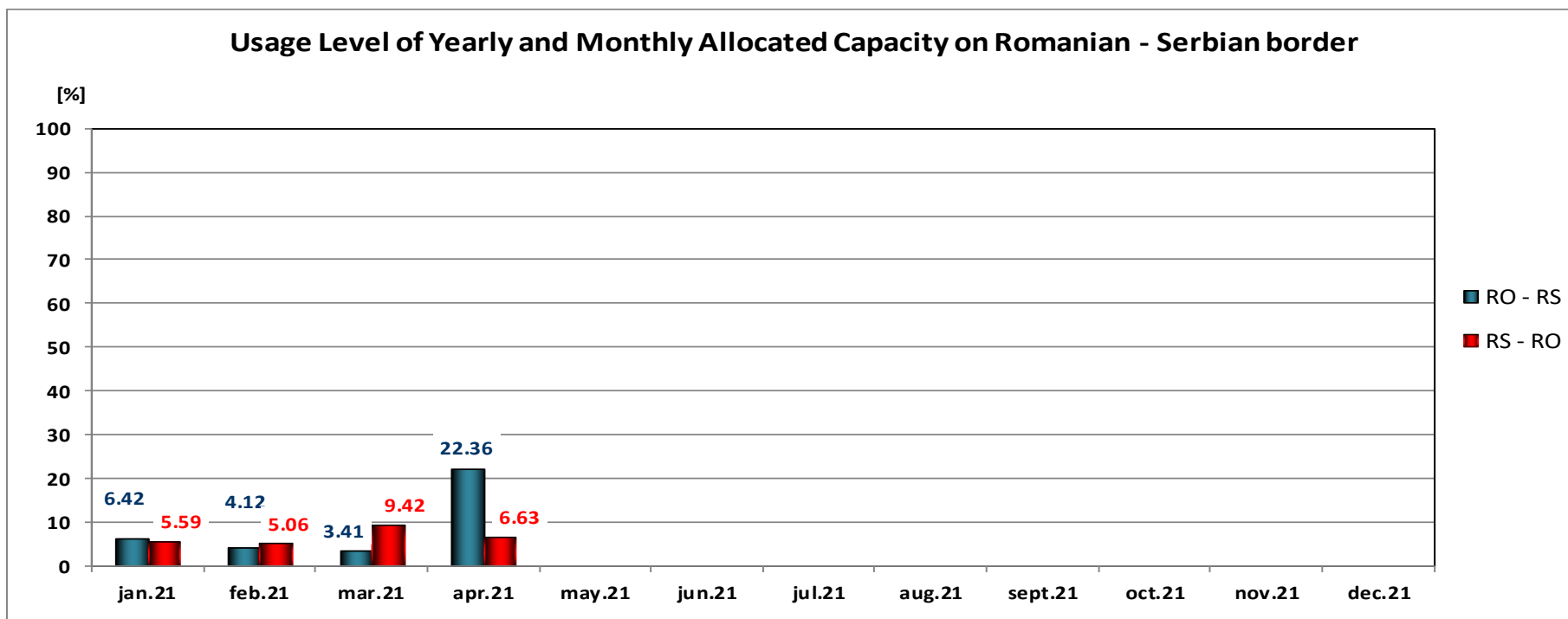
Daily Level of Usage [%]

April 2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Import	56.65	27.73	34.75	32.09	20.99	39.05	62.84	72.62	56.68	58.01	42.88	75.39	72.15	84.78	77.31	87.45	58.23	45.15	50.82	59.11	43.32	19.91	21.79	35.08	31.88	38.54	45.43	45.64	44.68	67.00
Export	7.93	26.79	12.24	22.24	22.40	22.28	7.24	3.90	13.49	15.35	22.81	18.91	2.74	5.30	10.67	9.69	17.73	8.32	3.81	3.88	9.79	15.97	20.98	11.39	14.29	14.17	16.97	16.30	15.83	8.70

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 48.34 [%]
- Export 13.59 [%]

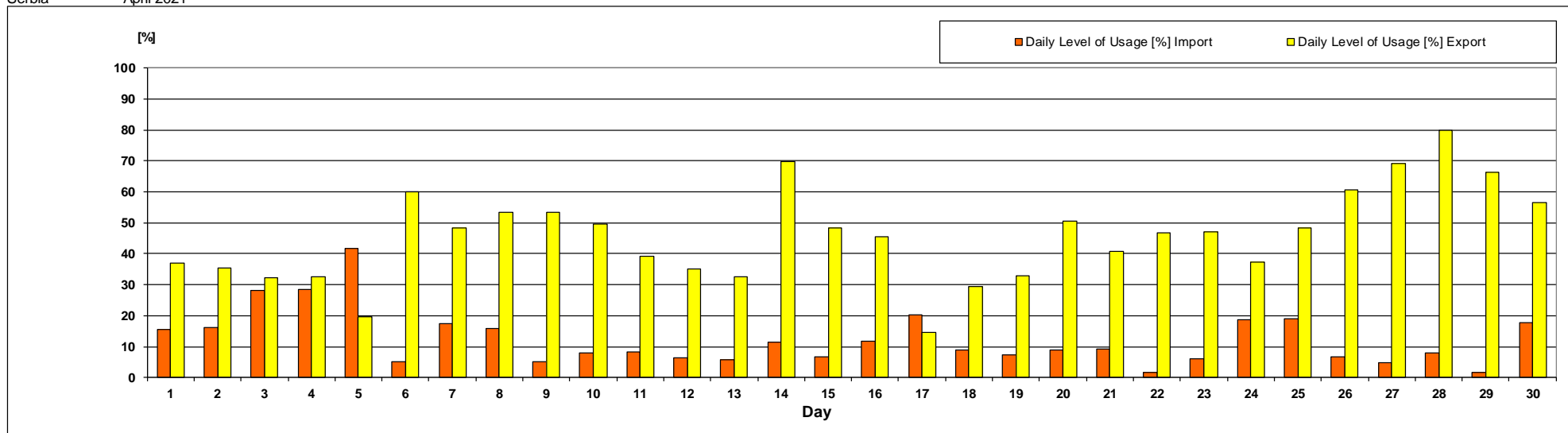
CET



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: 9.08% on export direction and 6.67% on import direction.

Serbia April 2021



Daily Level of Usage [%]

April 2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Import	15.40	16.24	28.06	28.41	41.68	5.25	17.59	15.95	5.05	7.83	8.35	6.44	5.83	11.54	6.87	11.68	20.42	8.91	7.36	8.91	9.11	1.75	6.06	18.64	19.04	6.85	4.74	7.88	1.60	17.85
Export	36.96	35.45	32.19	32.44	19.63	60.12	48.47	53.45	53.42	49.54	39.19	34.94	32.46	69.68	48.27	45.41	14.48	29.46	32.80	50.69	40.83	46.88	47.14	37.27	48.36	60.70	69.19	79.87	66.45	56.40

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

- Import 11.89 [%]
- Export 44.67 [%]

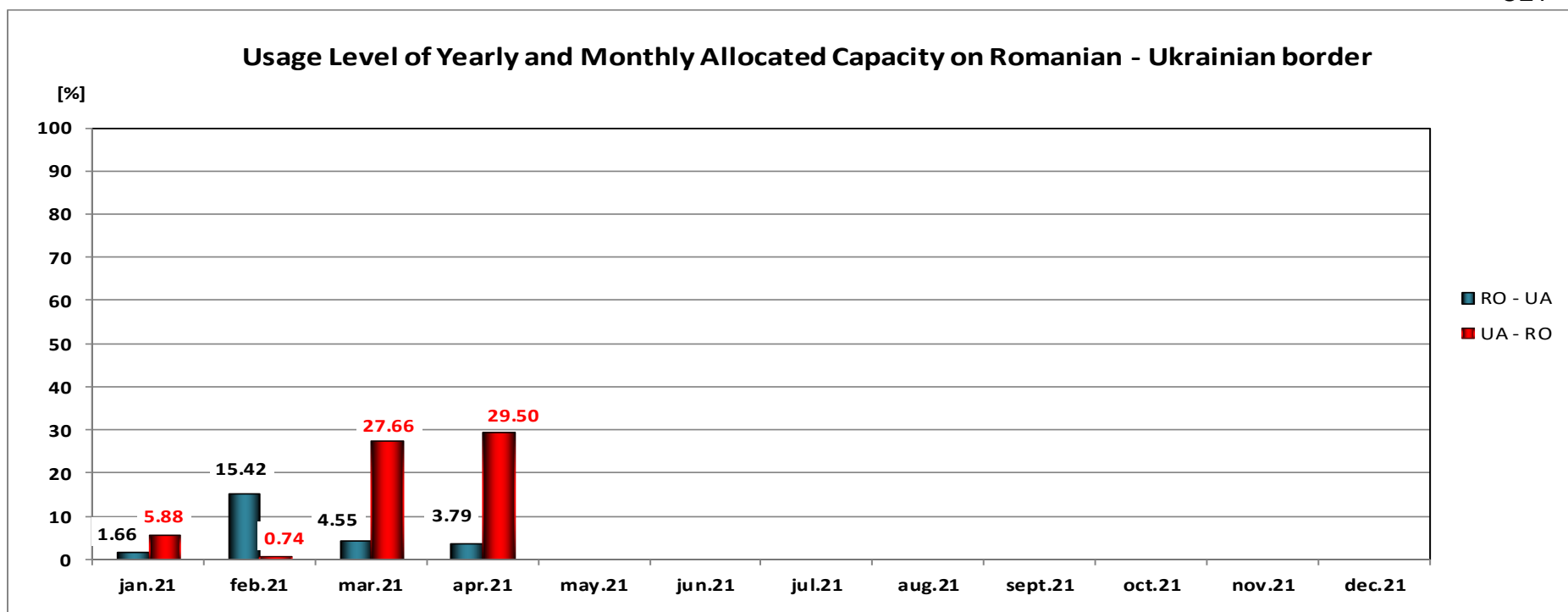
Intraday Level of Usage [%]

April 2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Import	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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 - [%] (there was no request of capacity)
- Export - [%] (there was no request of 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: 6.35% on export direction and 15.94% on import direction.

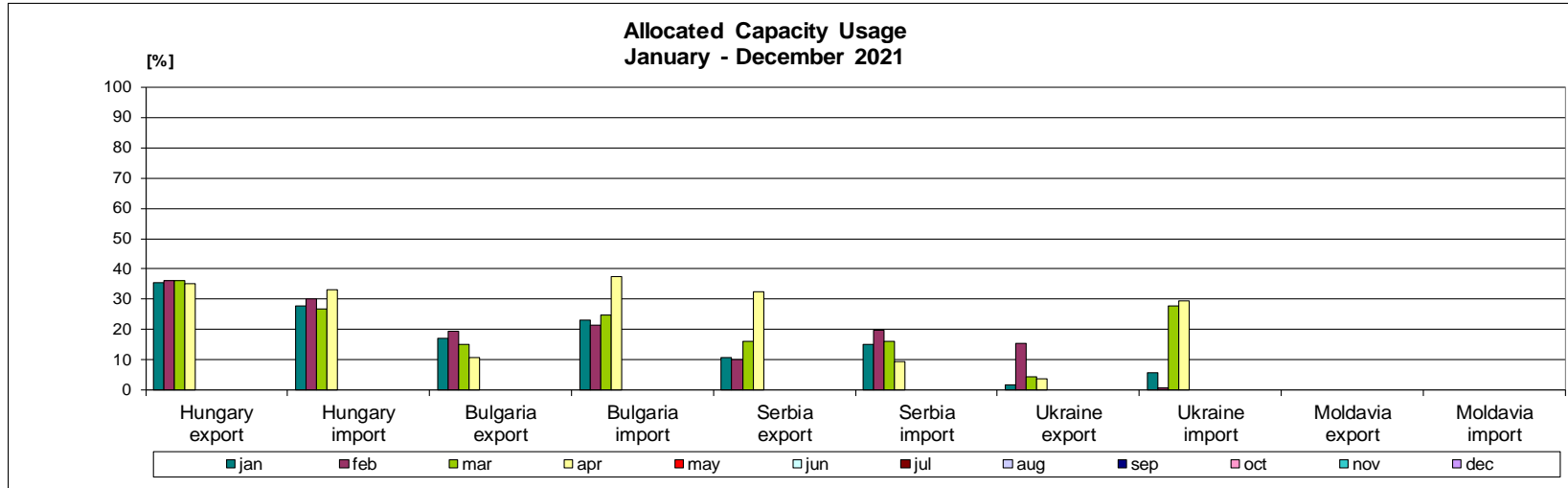
Market for Allocation of Cross-Border Capacities



Transelectrica®

Societate Administrată în Sistem Dualist

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	35.56	27.69	17.23	23.10	10.85	15.28	1.66	5.88	-	-
feb	36.00	30.23	19.44	21.46	10.22	19.72	15.42	0.74	-	-
mar	36.22	26.88	15.24	24.69	16.06	16.21	4.55	27.66	-	-
apr	35.25	33.31	10.94	37.36	32.59	9.41	3.79	29.50	-	-
may										
jun										
jul										
aug										
sep										
oct										
nov										
dec										
average	35.76	29.53	15.71	26.65	17.43	15.16	6.35	15.94	-	-

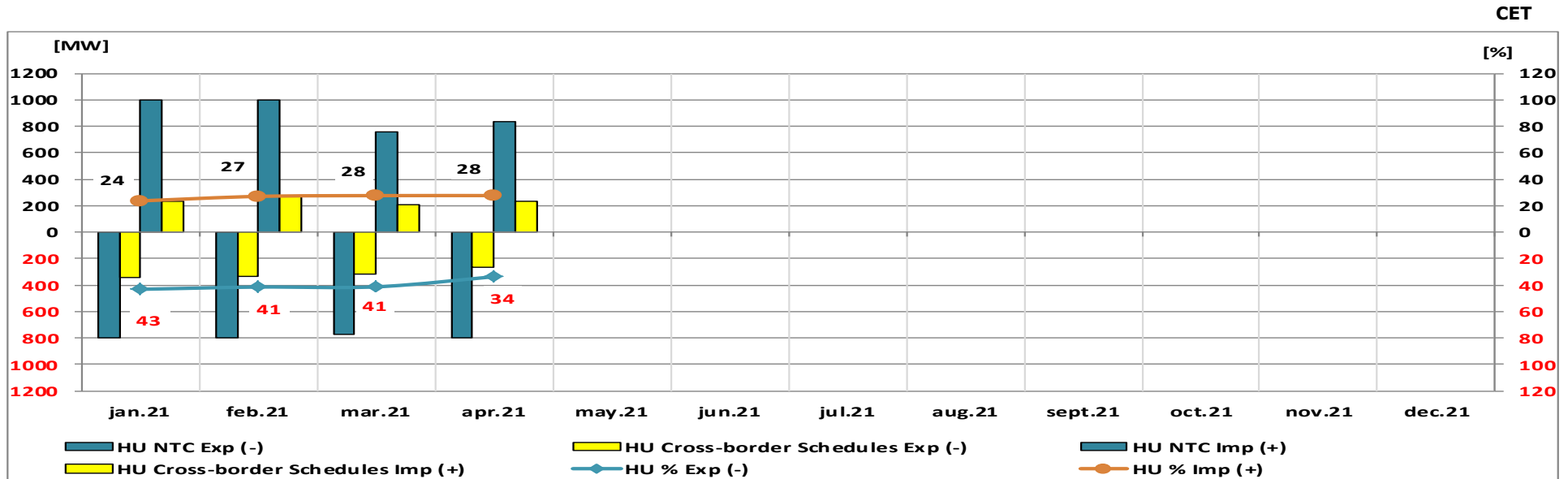
In April 2021, it was noticed a low level of capacity usage. The highest level of usage was on export import from Bulgaria.



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Hungarian border



Hungary (monthly averages values, MW)	jan.21	feb.21	mar.21	apr.21	may.21	jun.21	jul.21	aug.21	sept.21	oct.21	nov.21	dec.21	sum
HU NTC Exp (-)	-800	-800	-768	-800									-3168
HU Cross-border Schedules Exp (-)	-345	-332	-317	-269									-1263
HU NTC Imp (+)	1000	1000	759	833									3592
HU Cross-border Schedules Imp (+)	237	271	210	231									949

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: 39.88% on export direction and 26.55% on import direction.

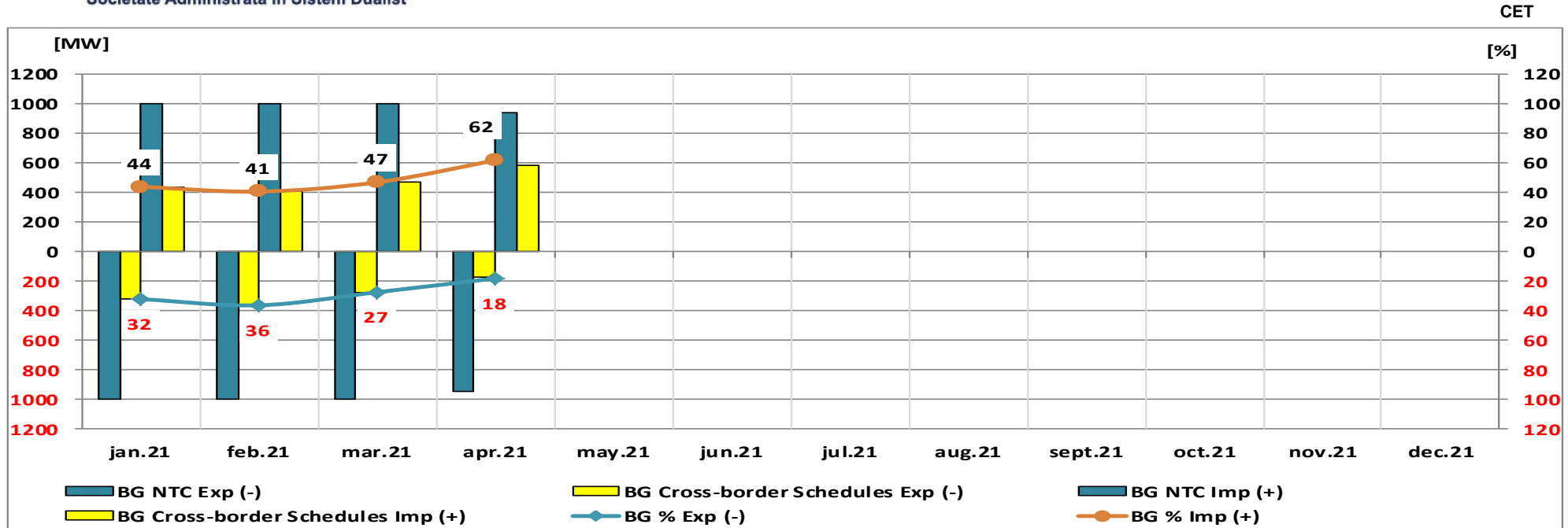


Transelectrica®

Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Bulgarian border



Bulgaria (monthly averages values, MW)	jan.21	feb.21	mar.21	apr.21	may.21	jun.21	jul.21	aug.21	sept.21	oct.21	nov.21	dec.21	sum
BG NTC Exp (-)	-1000	-1000	-1000	-943									-3943
BG Cross-border Schedules Exp (-)	-321	-362	-274	-170									-1127
BG NTC Imp (+)	1000	1000	1000	943									3943
BG Cross-border Schedules Imp (+)	440	408	471	585									1903

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: 28.42% on export direction and 48.45% on import direction.

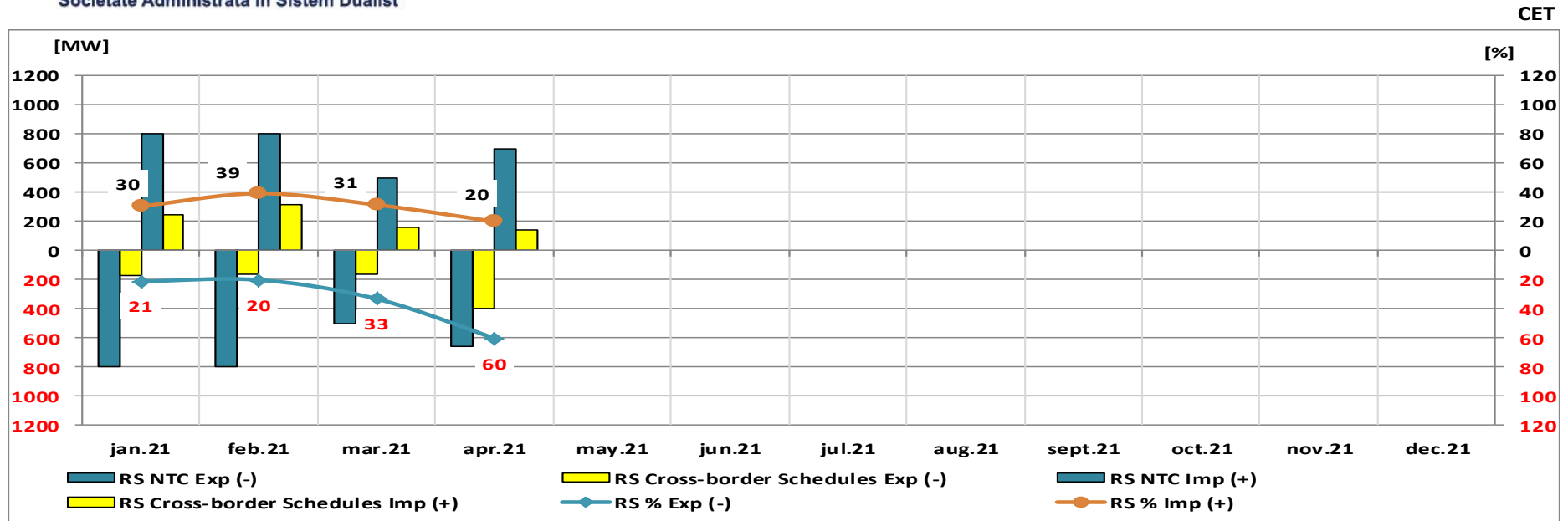


Transelectrica®

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.21	feb.21	mar.21	apr.21	may.21	jun.21	jul.21	aug.21	sept.21	oct.21	nov.21	dec.21	sum
RS NTC Exp (-)	-800	-800	-500	-657									-2757
RS Cross-border Schedules Exp (-)	-169	-161	-165	-395									-891
RS NTC Imp (+)	800	800	500	700									2800
RS Cross-border Schedules Imp (+)	244	314	157	140									854

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: 33.64% on export direction and 30.27% on import direction.

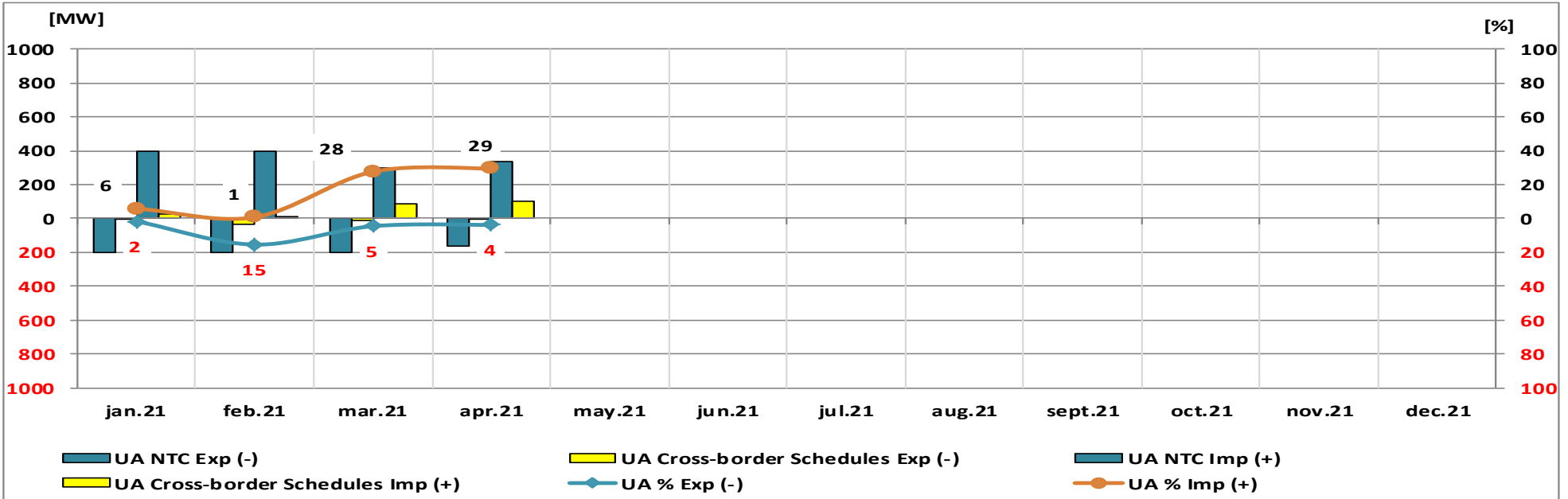


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Ukrainian border

CET



Ukraine (monthly averages values, MW)	jan.21	feb.21	mar.21	apr.21	may.21	jun.21	jul.21	aug.21	sept.21	oct.21	nov.21	dec.21	sum
UA NTC Exp (-)	-200	-200	-200	-167									-767
UA Cross-border Schedules Exp (-)	-3.3	-30.8	-9.1	-6.3									-50
UA NTC Imp (+)	400	400	300	333									1434
UA Cross-border Schedules Imp (+)	24	3	83	98									208

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: 6.35% on export direction and 15.94% on import direction.



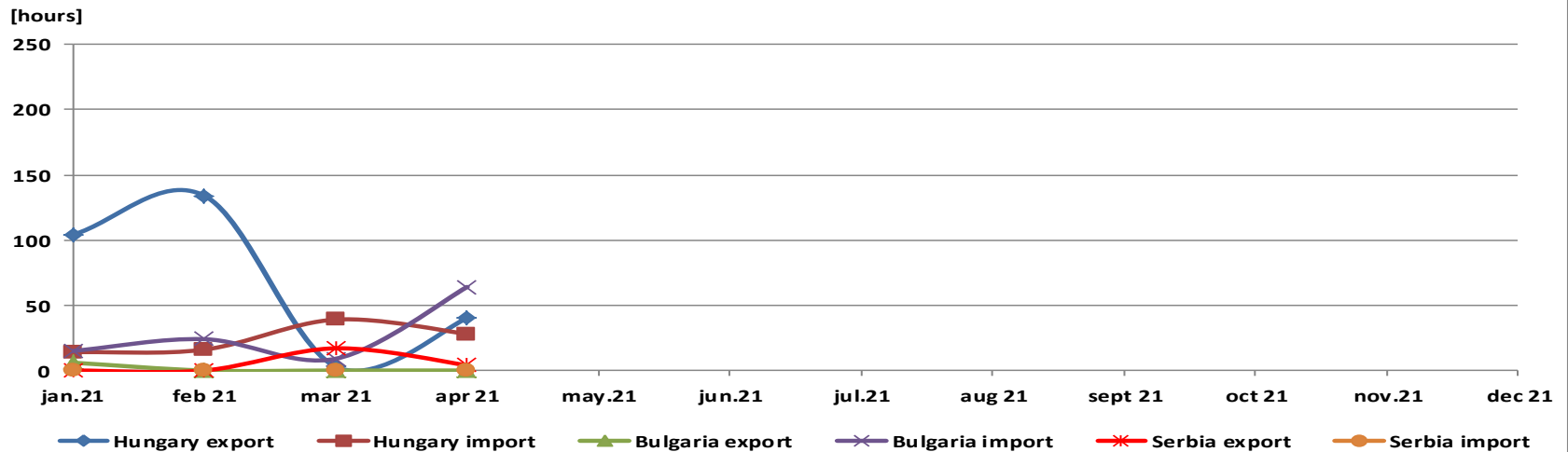
Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Maximization of NTC Usage

CET

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



Number of hours	jan.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	104	134	3	40								
Hungary import	14	16	39	28								
Bulgaria export	6	0	0	0								
Bulgaria import	15	24	9	64								
Serbia export	0	0	17	4								
Serbia import	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.

Market for Allocation of Cross-Border Capacities



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

April 2021

Border	Auction												Total		
	Yearly			Monthly			Daily			Intraday					
	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI	C1 [%]	C3 [%]	HHI
Hungary import	51.58	78.51	3176	25.00	58.33	1504	-	-	-	-	-	-	38.38	58.42	1882
Hungary export	49.14	67.71	2720	21.72	57.58	1567	-	-	-	-	-	-	31.39	56.02	1521
Bulgaria import	22.56	48.87	1202	22.08	50.42	1204	17.93	40.23	896	-	-	-	11.77	30.28	586
Bulgaria export	22.61	46.48	1119	37.50	87.92	3020	20.74	54.01	1299	-	-	-	18.32	43.26	915
Serbia import	27.60	57.60	1573	22.22	57.56	1444	22.96	57.45	1526	-	-	-	21.33	49.80	1187
Serbia export	35.60	82.80	2500	27.13	69.14	1836	35.81	72.69	2101	-	-	-	21.88	53.89	1287
Ukraine import	50.00	100.00	4398	50.00	84.40	3167	-	-	-	-	-	-	50.00	88.30	3324
Ukraine export	50.00	100.00	5000	27.20	71.60	2140	-	-	-	-	-	-	37.20	82.50	2730
Moldavia import	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note:

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



Email: Monitorizare.Piata@transelectrica.ro

Fax: 021 3035630