



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Market for Allocation of Cross-Border Capacities

February 2017



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Societate Administrată în Sistem Dualist

- 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

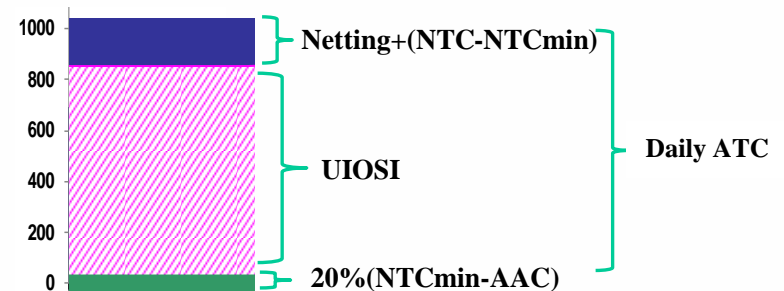


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According to the Commercial Code, Transelectrica, the Romanian Transmission System Operator, operates and monitors the activity of 3 types of markets: Balancing Market, Ancillary Services Market and Market for Allocation of Cross-Border Capacities.

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

- According to the agreements between Transelectrica and neighbors for year 2017 :
 - ✓ on the Bulgarian border, the bilateral coordinated allocation is done for 100% of total capacity by Transelectrica for long term auctions and by ESO EAD for daily auctions. The “netting” principle is applied to daily allocation, Starting with 01.01.2015, intraday auctions are no longer organized on the Bulgarian border, since the Bulgarian market rules are not allowing intraday cross-border exchanges, modifications of the notified schedules after 15:30 (CET) in D-1 for day D are prohibited.
 - ✓ on the Hungarian border, the bilateral coordinated allocation, is done for 100% of total capacity by MAVIR for long term auctions (based on Allocation Rules for Forward Capacity Allocation (HAR) and border specific Annex) and by Transelectrica for intra-day auctions. Implicit daily allocations are held since the CZ-SK-HU-RO day-ahead market coupling. In the event of decoupling, MAVIR is in charge with the explicit daily auctions (shadow auctions) for RO-HU border. The “netting” is applied to daily and intra-day allocation.
 - ✓ on the Serbian border, the bilateral coordinated allocation, is done for 100% of total capacity by EMS (Serbia) for daily auctions and by Transelectrica for long term daily and intra-day auctions. The “netting” is applied to daily and intra-day allocation. Starting with 01.01.2017 it was introduced UIOSI („ use it or sell it”) principle.
 - ✓ due to consultation with interconnection partners and regulators and taking into account auction participant opinions, on the Hungarian and Bulgarian borders it was agreed:
 - ✓ reservation of a percentage of interconnection capacity for short term auction, offered capacity being calculated as 80% of the minimum of available capacities of all periods of the month;
 - ✓ introduction of UIOSI („ use it or sell it”) principle.





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- Transelectrica's auctions are held on Damas platform, with euro currency trading.
- Long term auction results on the Hungarian border and daily auction results on the Bulgarian and Serbian borders (auction prices, allocated capacities) are provided by the respective TSO's.
- The intra-day allocation is done in six auction sessions for time intervals: 00:00-04:00, 04:00-08:00, 08:00-12:00, 12:00-16:00, 16:00-20:00, 20:00-00:00 CET.
- Usage of allocated capacity on Ukrainian and Moldavian border is restricted by Ukrainian TSO agreement and respectively by the approval of the distribution operator of the passive consumption islands.
- In February, auctions were held as:
 - import/export Hungary*: 01 – 28.02.2017;
 - import/export Bulgaria*: 01 – 28.02.2017;
 - import/export Serbia and import Ukraine: 01 – 07.02.2017; 08 – 28.02.2017.
- In February there were no auctions held on import direction from Moldavia. On export direction to Ukraine, ATC was zero at monthly auction due to full allocation of capacity at yearly auction.
- Due to lack of request from participants, there was capacity not allocated at monthly auction as it follows:
 - on import direction from Serbia:
 - 275 MW during the period 01 – 07.02.2017;
 - 375 MW during the period 08 – 28.02.2017;
 - on import direction from Ukraine :
 - 90 MW during the period 08 – 28.02.2017.

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



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Market for Allocation of Cross-Border Capacities

Monthly auction Results of 01 – 28 February 2017

| | Prices [euro/MWh] | Capacities [MW] | | | | | | | | |
|------------------------|-------------------|-----------------|-----|-----|-----|----------|---------|-----------|-----------|---------------|
| | Results | TTC | NTC | ATC | AAC | Reserved | Offered | Requested | Allocated | Final Rights* |
| Hungary export | | | | | | | | | | |
| 01 - 07 February 2017 | 7.78 | 600 | 500 | 150 | 350 | 0 | 120 | 980 | 120 | 470 |
| 08 - 28 February 2017 | 7.78 | 700 | 600 | 250 | 350 | 0 | 120 | 980 | 120 | 470 |
| Hungary import | | | | | | | | | | |
| 01 - 07 February 2017 | 0.13 | 700 | 600 | 251 | 349 | 0 | 200 | 1035 | 198 | 547 |
| 08 - 28 February 2017 | 0.13 | 800 | 700 | 351 | 349 | 0 | 200 | 1035 | 198 | 547 |
| Bulgaria export | | | | | | | | | | |
| 01 - 28 February 2017 | 2.51 | 400 | 300 | 200 | 100 | - | 160 | 539 | 160 | 260 |
| Bulgaria import | | | | | | | | | | |
| 01 - 28 February 2017 | 0.58 | 400 | 300 | 200 | 100 | - | 160 | 607 | 160 | 260 |
| Serbia export | | | | | | | | | | |
| 01 - 07 February 2017 | 7.03 | 600 | 500 | 300 | 200 | - | 300 | 629 | 300 | 500 |
| 08 - 28 February 2017 | 6.03 | 700 | 600 | 400 | 200 | - | 400 | 644 | 400 | 600 |
| Serbia import | | | | | | | | | | |
| 01 - 07 February 2017 | 0.00 | 800 | 700 | 550 | 150 | - | 550 | 275 | 275 | 425 |
| 08 - 28 February 2017 | 0.00 | 900 | 800 | 650 | 150 | - | 650 | 275 | 275 | 425 |
| Ukraine export | | | | | | | | | | |
| 01 - 28 February 2017 | - | 150 | 50 | 0 | 50 | - | 0 | - | - | 50 |
| Ukraine import | | | | | | | | | | |
| 01 - 07 February 2017 | 0.02 | 250 | 150 | 100 | 50 | - | 100 | 190 | 100 | 150 |
| 08 - 28 February 2017 | 0.00 | 650 | 550 | 500 | 50 | - | 500 | 410 | 410 | 460 |
| Moldavia export | | | | | | | | | | |
| 01 - 28 February 2017 | - | - | - | - | - | - | - | - | - | - |
| Moldavia import | | | | | | | | | | |
| 01 - 31 February 2017 | - | - | - | - | - | - | - | - | - | - |
| RO_Vulcanesti | | | | | | | | | | |
| 01 - 31 February 2017 | - | - | - | - | - | - | - | - | - | - |
| RO_Costesti | | | | | | | | | | |
| 01 - 31 February 2017 | - | - | - | - | - | - | - | - | - | - |
| RO_Cioara | | | | | | | | | | |
| 01 - 31 February 2017 | - | - | - | - | - | - | - | - | - | - |

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

According to the allocation rules, on Hungarian and Bulgarian borders monthly offered capacities were calculated taking into account the minimum of NTC's monthly values.

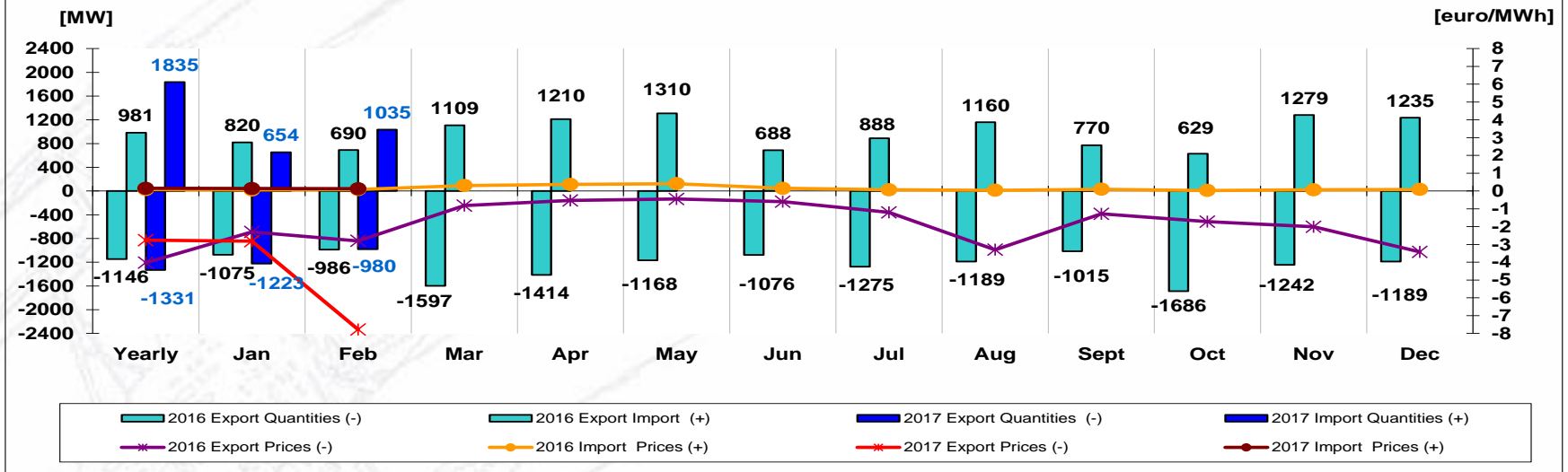
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Market for Allocation of Cross-Border Capacities

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



| Border | yearly | Jan. 17 | Feb.17 | Mar.17 | Apr.17 | May 17 | Jun. 17 | Jul. 17 | Aug. 17 | Sept. 17 | Oct. 17 | Nov.17 | Dec. 17 |
|----------------|--------|---------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|---------|
| Hungary export | 2.76 | 2.82 | 7.78 | | | | | | | | | | |
| Hungary import | 0.15 | 0.14 | 0.13 | | | | | | | | | | |

| Border | yearly | Jan. 16 | Feb.16 | Mar.16 | Apr.16 | May 16 | Jun. 16 | Jul. 16 | Aug. 16 | Sept. 16 | Oct. 16 | Nov.16 | Dec. 16 |
|----------------|--------|---------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|---------|
| Hungary export | 4.03 | 2.30 | 2.80 | 0.82 | 0.53 | 0.45 | 0.60 | 1.20 | 3.30 | 1.28 | 1.72 | 2.01 | 3.42 |
| Hungary import | 0.08 | 0.06 | 0.08 | 0.31 | 0.37 | 0.41 | 0.15 | 0.07 | 0.04 | 0.10 | 0.03 | 0.07 | 0.09 |

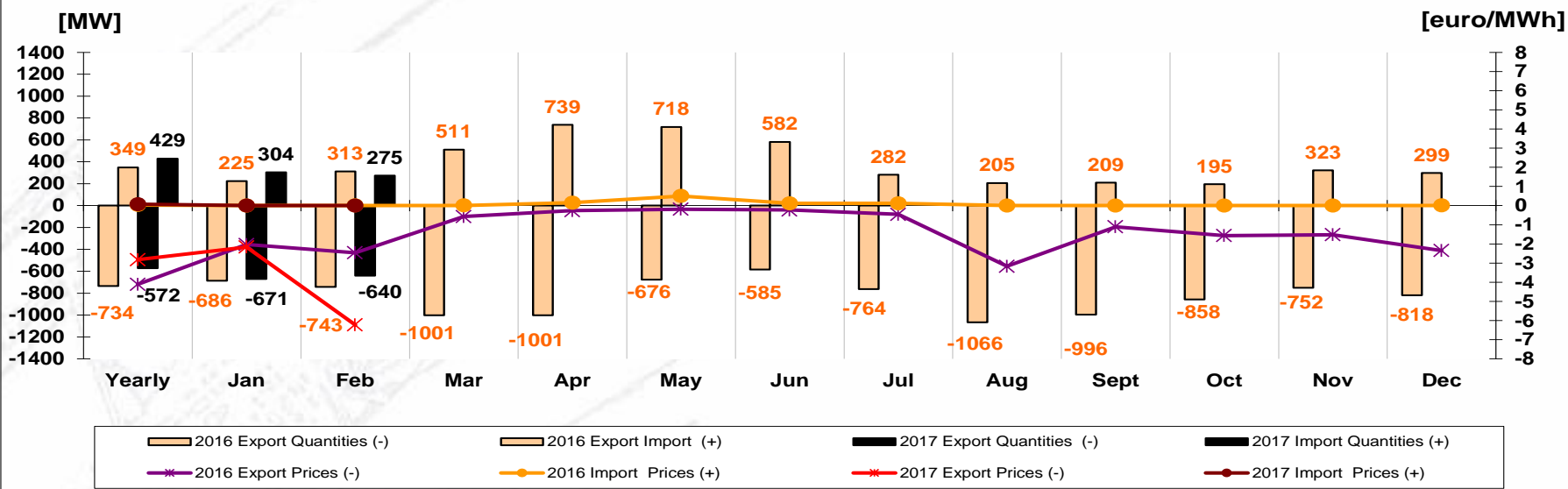
- Compared with the previous year, in February 2017 the auction price significantly increased on export direction, while offered capacity and capacity request were comparable. In February 2017 monthly auction price was low on import direction.



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Market for Allocation of Cross-Border Capacities

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



| Border | yearly | Jan. 17 | Feb.17 | Mar.17 | Apr.17 | May 17 | Jun. 17 | Jul. 17 | Aug. 17 | Sept. 17 | Oct. 17 | Nov.17 | Dec. 17 |
|---------------|--------|---------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|---------|
| Serbia export | 2.82 | 2.16 | 6.23 | | | | | | | | | | |
| Serbia import | 0.07 | 0.00 | 0.00 | | | | | | | | | | |

| Border | yearly | Jan. 16 | Feb.16 | Mar.16 | Apr.16 | May 16 | Jun. 16 | Jul. 16 | Aug. 16 | Sept. 16 | Oct. 16 | Nov.16 | Dec. 16 |
|---------------|--------|---------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|---------|
| Serbia export | 4.11 | 2.03 | 2.46 | 0.57 | 0.26 | 0.19 | 0.23 | 0.46 | 3.17 | 1.11 | 1.56 | 1.52 | 2.34 |
| Serbia import | 0.03 | 0.00 | 0.01 | 0.01 | 0.15 | 0.50 | 0.12 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |

- Compared with the previous year, in February 2017 the auction price significantly increased on export direction, while offered capacity was higher and capacity request was lower. In February 2017 monthly auction price was zero on import direction.

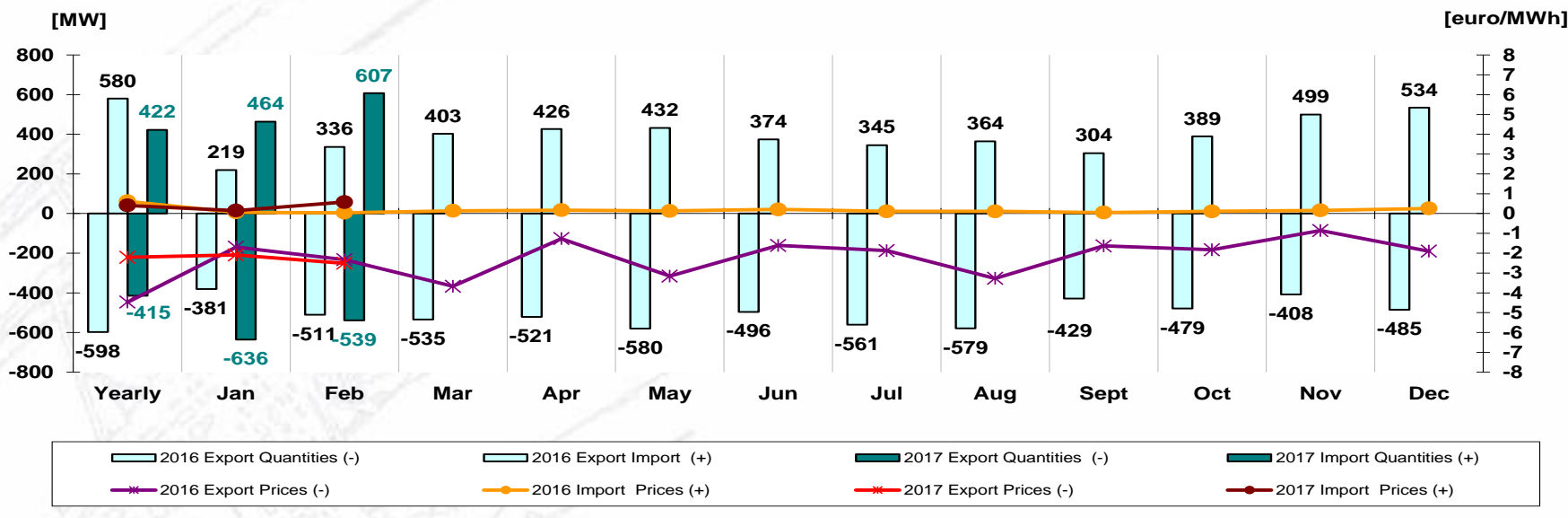


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Market for Allocation of Cross-Border Capacities

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



| Border | yearly | Jan. 17 | Feb.17 | Mar.17 | Apr.17 | May 17 | Jun. 17 | Jul. 17 | Aug. 17 | Sept. 17 | Oct. 17 | Nov.17 | Dec. 17 |
|-----------------|--------|---------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|---------|
| Bulgaria export | 2.21 | 2.09 | 2.51 | | | | | | | | | | |
| Bulgaria import | 0.41 | 0.15 | 0.58 | | | | | | | | | | |

| Border | yearly | Jan. 16 | Feb.16 | Mar.16 | Apr.16 | May 16 | Jun. 16 | Jul. 16 | Aug. 16 | Sept. 16 | Oct. 16 | Nov.16 | Dec. 16 |
|-----------------|--------|---------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|---------|
| Bulgaria export | 4.47 | 1.70 | 2.33 | 3.67 | 1.27 | 3.16 | 1.61 | 1.87 | 3.27 | 1.63 | 1.83 | 0.86 | 1.90 |
| Bulgaria import | 0.62 | 0.06 | 0.04 | 0.14 | 0.17 | 0.13 | 0.21 | 0.11 | 0.11 | 0.05 | 0.11 | 0.16 | 0.26 |

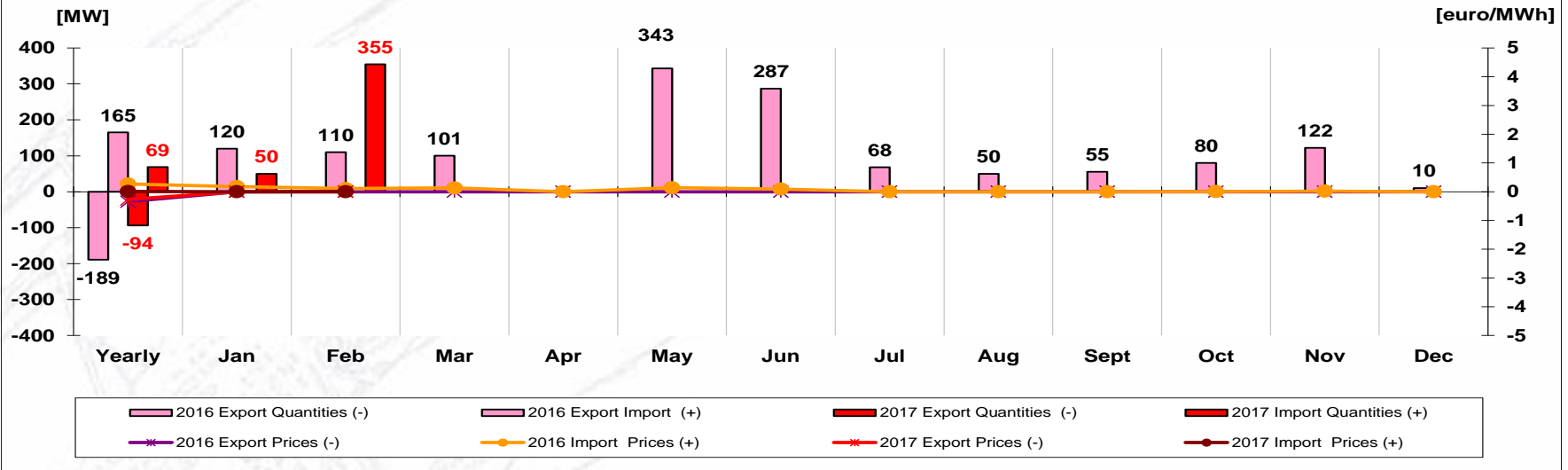
- Compared with the previous year, in February 2017 the auction price slightly increased on export direction, while offered capacity did not varied and capacity request slightly increased. Monthly auction prices were still low on import direction.

Market for Allocation of Cross-Border Capacities



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



| Border | yearly | Jan. 17 | Feb.17 | Mar.17 | Apr.17 | May 17 | Jun. 17 | Jul. 17 | Aug. 17 | Sept. 17 | Oct. 17 | Nov.17 | Dec. 17 |
|----------------|--------|---------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|---------|
| Ukraine export | 0.27 | - | - | - | - | - | - | - | - | - | - | - | - |
| Ukraine import | 0.01 | 0.00 | 0.002 | - | - | - | - | - | - | - | - | - | - |

| Border | yearly | Jan. 16 | Feb.16 | Mar.16 | Apr.16 | May 16 | Jun. 16 | Jul. 16 | Aug. 16 | Sept. 16 | Oct. 16 | Nov.16 | Dec. 16 |
|----------------|--------|---------|--------|--------|--------|--------|---------|---------|---------|----------|---------|--------|---------|
| Ukraine export | 0.35 | - | - | - | - | - | - | - | - | - | - | - | - |
| Ukraine import | 0.27 | 0.18 | 0.11 | 0.13 | - | 0.14 | 0.09 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.00 |

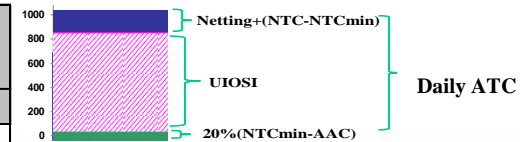
- Compared with the previous year, in February 2017 capacity request increased on import direction, while offered capacity was higher and auction price was low. On export direction offered capacity was zero due to full allocation of capacity at yearly auction.

Market for Allocation of Cross-Border Capacities

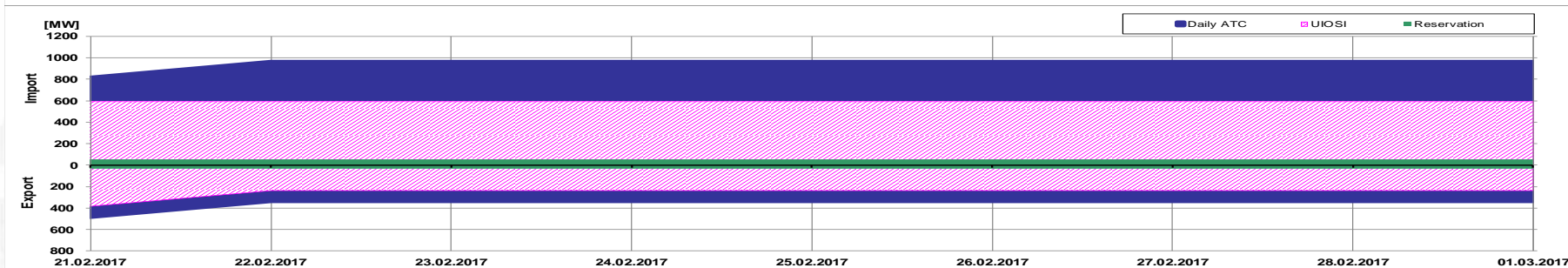
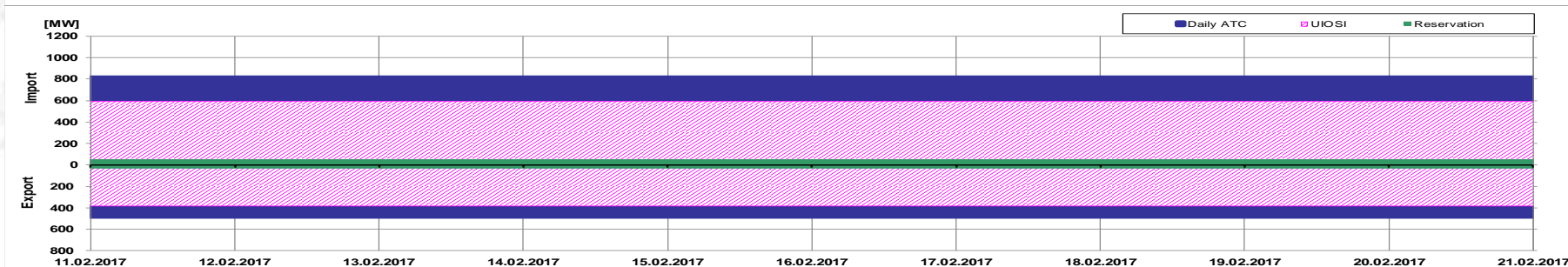
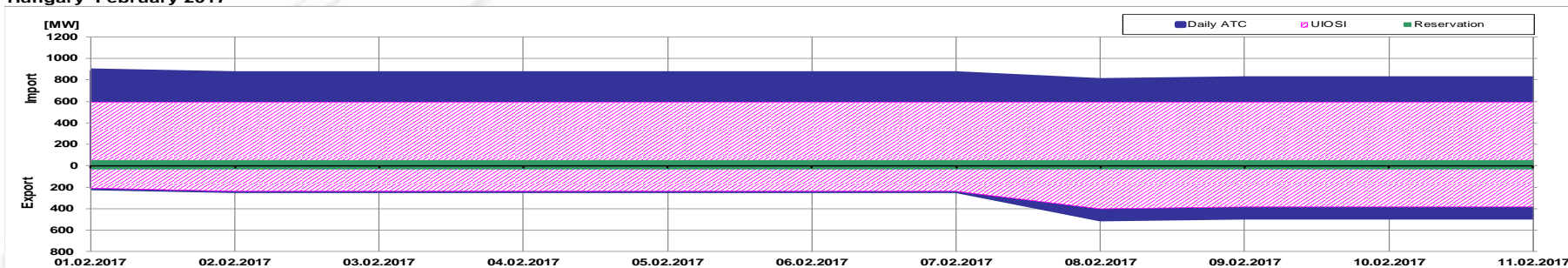


Daily implicit Auctions on Romanian – Hungarian border

| Reserved Capacity [MW] average value | | Unused Capacity [MW] average value | |
|---|-------|---------------------------------------|-------|
| RO-HU | HU-RO | RO-HU | HU-RO |
| 30 | 51 | 281 | 547 |



Hungary February 2017



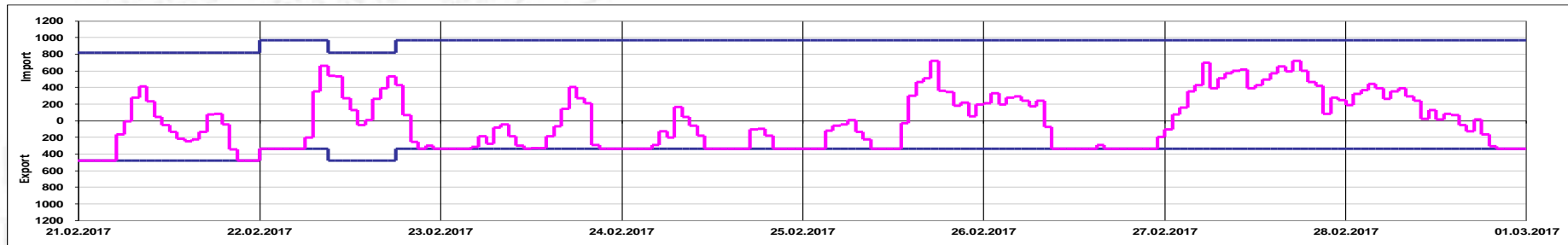
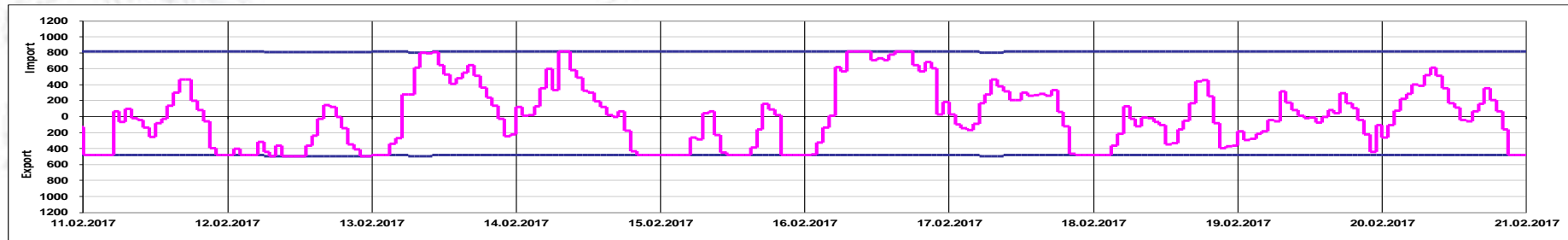
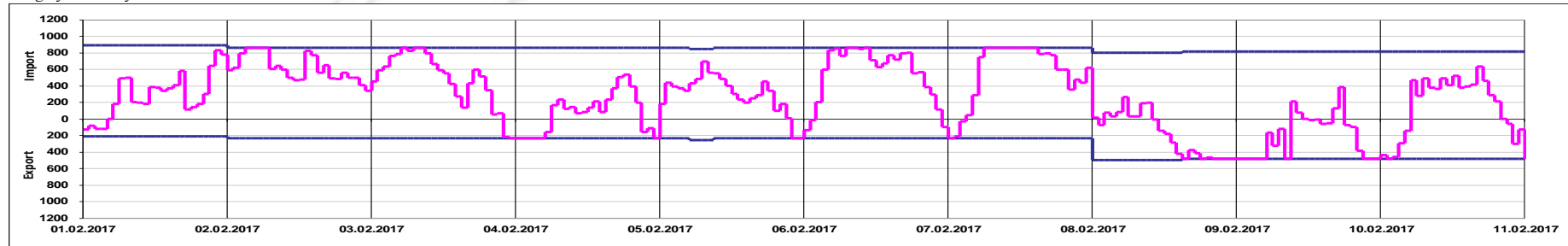


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Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

Hungary February 2017



Offered Capacity on Daily Auction [MW]

Net Position Border RO – HU [MWh]

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Market for Allocation of Cross-Border Capacities

Daily implicit Auctions on Romanian – Hungarian border

DAM Prices RO [Euro/MWh]

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Max |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1 | 44.12 | 41.97 | 40.30 | 39.59 | 40.37 | 46.44 | 70.50 | 131.45 | 135.54 | 135.54 | 135.54 | 135.54 | 135.54 | 135.54 | 135.54 | 144.43 | 144.43 | 151.09 | 151.09 | 148.87 | 144.43 | 133.32 | 98.22 | 72.82 | 151.09 |
| 2 | 61.92 | 51.46 | 50.41 | 45.07 | 56.62 | 102.14 | 135.44 | 144.32 | 146.06 | 144.32 | 142.37 | 135.44 | 135.44 | 135.44 | 135.44 | 135.44 | 144.32 | 136.08 | 135.44 | 133.22 | 81.98 | 64.17 | 48.70 | 146.06 | |
| 3 | 55.48 | 51.96 | 46.20 | 43.03 | 46.20 | 53.30 | 70.07 | 132.63 | 128.30 | 113.62 | 108.05 | 100.07 | 99.25 | 76.02 | 76.03 | 76.20 | 82.66 | 98.99 | 93.14 | 84.23 | 72.19 | 44.42 | 43.26 | 37.36 | 132.63 |
| 4 | 28.45 | 28.45 | 28.45 | 28.45 | 34.31 | 37.28 | 35.51 | 44.78 | 50.95 | 59.33 | 60.70 | 62.10 | 60.00 | 53.33 | 50.92 | 51.04 | 56.43 | 69.91 | 74.82 | 73.77 | 63.72 | 55.36 | 51.02 | 48.30 | 74.82 |
| 5 | 41.85 | 37.29 | 35.69 | 33.56 | 33.70 | 33.94 | 34.58 | 36.27 | 40.02 | 44.87 | 51.06 | 51.10 | 47.88 | 42.05 | 40.00 | 41.50 | 47.00 | 58.58 | 64.00 | 59.60 | 53.71 | 46.50 | 37.43 | 37.43 | 64.00 |
| 6 | 40.27 | 38.70 | 37.93 | 37.06 | 38.00 | 42.91 | 64.03 | 95.00 | 99.65 | 99.65 | 99.43 | 99.03 | 95.00 | 77.98 | 77.51 | 75.20 | 76.27 | 82.00 | 82.47 | 77.10 | 65.92 | 55.00 | 50.00 | 43.97 | 99.65 |
| 7 | 42.48 | 40.40 | 39.00 | 37.98 | 38.50 | 42.10 | 65.42 | 77.51 | 95.38 | 99.65 | 94.81 | 91.97 | 84.15 | 77.51 | 75.07 | 63.72 | 71.13 | 79.49 | 80.00 | 83.96 | 76.99 | 65.47 | 53.15 | 43.47 | 99.65 |
| 8 | 39.09 | 38.02 | 36.95 | 35.45 | 36.26 | 38.75 | 50.06 | 66.37 | 69.16 | 69.98 | 68.80 | 68.80 | 69.04 | 67.56 | 65.92 | 66.02 | 72.78 | 78.00 | 82.33 | 80.87 | 59.65 | 41.91 | 37.48 | 37.48 | 82.33 |
| 9 | 33.17 | 33.17 | 33.17 | 33.17 | 35.40 | 44.03 | 56.16 | 76.06 | 80.57 | 77.40 | 74.80 | 72.50 | 71.92 | 69.80 | 67.50 | 66.75 | 68.00 | 73.00 | 79.09 | 74.50 | 59.50 | 44.08 | 39.85 | 39.63 | 80.57 |
| 10 | 38.06 | 35.81 | 35.25 | 34.00 | 34.75 | 37.89 | 51.09 | 77.97 | 80.05 | 81.90 | 75.90 | 66.50 | 65.96 | 57.46 | 55.29 | 59.00 | 61.68 | 77.97 | 84.21 | 77.97 | 70.68 | 53.46 | 51.51 | 42.25 | 84.21 |
| 11 | 33.14 | 33.14 | 30.92 | 30.92 | 33.14 | 36.85 | 33.84 | 37.59 | 42.37 | 45.10 | 45.30 | 43.18 | 39.20 | 36.58 | 36.00 | 37.59 | 40.26 | 63.40 | 66.29 | 63.40 | 55.39 | 36.31 | 30.92 | 28.69 | 66.29 |
| 12 | 30.88 | 28.35 | 27.00 | 27.00 | 27.00 | 27.70 | 27.18 | 28.66 | 32.26 | 34.00 | 30.88 | 30.88 | 30.88 | 29.91 | 28.91 | 31.08 | 37.55 | 54.00 | 70.18 | 70.91 | 65.00 | 50.08 | 33.11 | 30.88 | 70.91 |
| 13 | 28.66 | 28.66 | 28.66 | 28.26 | 30.41 | 33.50 | 45.94 | 69.05 | 74.29 | 73.18 | 65.07 | 65.09 | 65.53 | 65.01 | 65.00 | 67.46 | 69.99 | 77.77 | 80.00 | 77.77 | 69.51 | 55.33 | 45.05 | 35.55 | 80.00 |
| 14 | 37.70 | 37.63 | 35.33 | 37.42 | 37.68 | 50.88 | 78.89 | 77.77 | 74.66 | 70.05 | 60.02 | 57.00 | 50.06 | 46.01 | 46.44 | 46.78 | 53.03 | 66.18 | 72.88 | 70.56 | 37.55 | 28.66 | 20.00 | 8.89 | 78.89 |
| 15 | 19.99 | 17.77 | 13.33 | 16.22 | 24.43 | 41.61 | 50.19 | 63.20 | 61.12 | 55.69 | 48.44 | 41.98 | 41.98 | 41.98 | 41.98 | 50.59 | 55.67 | 62.27 | 71.94 | 68.77 | 48.65 | 39.76 | 33.10 | 30.88 | 71.94 |
| 16 | 30.86 | 32.68 | 32.03 | 32.06 | 34.72 | 45.93 | 57.91 | 77.70 | 77.70 | 77.70 | 72.81 | 67.02 | 65.91 | 60.92 | 59.73 | 67.92 | 77.70 | 77.70 | 78.00 | 77.70 | 69.08 | 58.92 | 52.88 | 51.44 | 78.00 |
| 17 | 55.04 | 50.05 | 45.34 | 43.55 | 45.70 | 55.14 | 61.14 | 73.92 | 77.66 | 79.87 | 77.66 | 77.66 | 75.21 | 63.98 | 60.80 | 60.02 | 60.01 | 63.52 | 69.95 | 67.02 | 59.46 | 33.06 | 33.06 | 31.51 | 79.87 |
| 18 | 28.52 | 30.73 | 32.95 | 36.35 | 36.50 | 37.51 | 37.81 | 48.52 | 51.82 | 54.89 | 55.31 | 55.28 | 56.03 | 49.14 | 46.21 | 46.51 | 54.84 | 61.54 | 71.99 | 67.00 | 56.28 | 53.02 | 48.02 | 33.49 | 71.99 |
| 19 | 30.98 | 33.66 | 31.25 | 29.05 | 29.22 | 28.54 | 27.33 | 27.93 | 44.01 | 49.29 | 51.17 | 49.98 | 46.25 | 38.05 | 31.46 | 31.52 | 38.05 | 45.05 | 54.87 | 50.67 | 42.92 | 45.02 | 37.20 | 30.76 | 54.87 |
| 20 | 19.96 | 18.92 | 16.97 | 16.05 | 28.54 | 44.01 | 58.00 | 77.45 | 77.45 | 77.45 | 69.92 | 65.93 | 61.91 | 57.07 | 56.00 | 53.05 | 56.12 | 65.18 | 74.62 | 69.94 | 63.99 | 61.51 | 52.00 | 46.25 | 77.45 |
| 21 | 35.18 | 35.18 | 32.97 | 35.18 | 35.18 | 45.56 | 60.52 | 62.80 | 70.81 | 70.12 | 65.70 | 63.97 | 60.97 | 58.92 | 56.11 | 56.64 | 59.30 | 63.67 | 65.70 | 63.03 | 59.86 | 52.66 | 39.39 | 31.92 | 70.81 |
| 22 | 6.63 | 6.63 | 8.84 | 19.89 | 28.51 | 41.77 | 46.41 | 59.82 | 64.63 | 63.75 | 60.30 | 59.98 | 59.23 | 55.00 | 54.92 | 56.18 | 57.23 | 59.99 | 61.33 | 57.08 | 43.76 | 28.51 | 19.89 | 13.26 | 64.63 |
| 23 | 22.15 | 17.72 | 11.74 | 17.72 | 26.04 | 38.84 | 50.42 | 57.94 | 57.08 | 54.65 | 52.01 | 46.28 | 50.06 | 48.03 | 46.20 | 46.67 | 48.20 | 55.15 | 60.00 | 59.13 | 58.23 | 48.28 | 35.21 | 33.00 | 60.00 |
| 24 | 11.28 | 4.43 | 6.64 | 7.96 | 11.06 | 28.01 | 41.36 | 39.37 | 46.44 | 43.09 | 37.15 | 30.30 | 23.88 | 13.49 | 26.54 | 32.51 | 41.36 | 51.24 | 58.05 | 58.05 | 41.80 | 30.74 | 31.91 | 31.91 | 58.05 |
| 25 | 30.98 | 30.76 | 32.97 | 30.03 | 30.55 | 35.00 | 37.40 | 45.91 | 49.92 | 48.24 | 39.91 | 37.18 | 43.82 | 43.64 | 43.82 | 46.17 | 50.20 | 56.35 | 68.97 | 66.61 | 66.17 | 54.88 | 44.86 | 39.29 | 68.97 |
| 26 | 39.85 | 30.77 | 29.67 | 27.95 | 27.82 | 32.54 | 27.85 | 28.31 | 29.67 | 33.21 | 26.35 | 17.27 | 6.64 | 7.97 | 11.07 | 17.71 | 19.93 | 34.54 | 32.54 | 25.00 | 17.27 | 15.50 | 21.47 | 22.10 | 39.85 |
| 27 | 17.71 | 16.60 | 17.27 | 16.80 | 21.42 | 36.31 | 52.94 | 65.70 | 71.60 | 68.63 | 63.49 | 68.08 | 68.63 | 63.37 | 60.23 | 61.48 | 62.00 | 66.64 | 73.06 | 71.01 | 54.96 | 40.74 | 30.77 | 28.56 | 73.06 |
| 28 | 22.14 | 19.26 | 19.25 | 19.26 | 20.84 | 28.56 | 37.99 | 45.78 | 42.95 | 42.95 | 42.95 | 40.72 | 39.63 | 36.97 | 37.42 | 38.44 | 39.10 | 42.95 | 49.95 | 48.50 | 37.42 | 30.77 | 24.35 | 10.63 | 49.95 |

Average 53.91 EUR/MWh

Public



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 | - | - | - | 1.00 | 11.09 | 48.89 | 37.96 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48.89 | |
| 3 | - | - | - | - | - | 0.27 | - | 31.63 | 19.64 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.39 | 31.63 | |
| 4 | 34.11 | 24.89 | 15.49 | 8.07 | 0.24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.71 | 34.11 | |
| 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.56 | 3.14 | 9.56 | |
| 6 | - | - | - | - | - | - | - | 1.17 | 1.69 | - | 4.38 | - | - | - | - | - | - | - | - | - | - | - | - | - | 4.38 | |
| 7 | 0.02 | - | - | - | - | - | 1.88 | 5.48 | 18.64 | 24.89 | 20.99 | 14.81 | 12.13 | 6.93 | 9.00 | - | - | - | - | - | - | - | - | - | 24.89 | |
| 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.98 | - | - | 3.58 | - | 9.15 | 16.35 | 16.52 | 8.52 | 16.52 | |
| 9 | 12.13 | 10.83 | 8.51 | 7.53 | 5.46 | - | - | - | 0.43 | - | - | - | - | - | - | - | - | - | - | - | - | 1.42 | 4.62 | 1.55 | 12.13 | |
| 10 | - | 0.83 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.83 | |
| 11 | 5.69 | 2.63 | 2.88 | 2.34 | 0.53 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.60 | 5.21 | 6.60 | |
| 12 | 0.14 | - | 1.54 | 0.87 | 1.00 | - | - | 1.12 | - | 0.13 | 3.71 | 7.54 | 4.94 | - | - | - | - | - | - | - | - | - | - | 5.85 | 1.59 | 7.54 |
| 13 | 1.77 | 2.14 | 1.34 | - | - | - | - | - | 3.34 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3.34 | |
| 14 | - | - | - | - | - | - | - | 5.27 | 1.62 | - | - | - | - | - | - | - | - | - | - | - | - | 22.47 | 21.84 | 28.82 | 33.51 | 33.51 |
| 15 | 18.07 | 19.64 | 23.34 | 20.12 | 13.05 | - | - | - | - | - | - | 5.51 | 10.10 | 6.72 | 3.40 | - | - | - | - | - | 10.38 | 13.50 | 18.80 | 12.33 | 23.34 | |
| 16 | 3.23 | - | - | - | - | - | - | 11.77 | 12.49 | 12.85 | 8.19 | - | - | - | - | 7.99 | 16.81 | 4.27 | - | - | - | - | - | - | 16.81 | |
| 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13.01 | 18.78 | 23.04 | 23.04 | |
| 18 | 13.81 | 8.32 | 3.66 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13.81 | |
| 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.00 | |
| 20 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.47 | 5.47 | 6.84 | 6.84 | |
| 21 | 20.42 | 13.58 | 8.92 | 0.30 | 1.87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.30 | 16.19 | 12.95 | 20.42 | |
| 22 | 47.58 | 40.12 | 29.35 | 5.21 | 1.85 | 4.95 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.52 | - | 26.82 | 47.58 | |
| 23 | 21.01 | 21.35 | 20.82 | 7.86 | - | - | - | - | - | - | - | 6.56 | - | - | - | - | - | - | - | - | - | 2.59 | 14.85 | 10.59 | 21.35 | |
| 24 | 29.61 | 31.01 | 12.95 | 0.05 | - | - | - | - | - | - | 5.12 | 10.69 | 20.86 | 10.23 | 5.93 | 0.39 | - | - | - | - | 7.45 | 16.78 | 16.81 | 5.32 | 31.01 | |
| 25 | 10.05 | 5.34 | 0.66 | - | - | - | - | - | - | 4.79 | 11.33 | 10.07 | 0.21 | - | - | - | - | - | - | - | - | - | - | - | 11.33 | |
| 26 | - | - | - | - | - | - | - | - | - | 0.53 | 17.39 | 25.74 | 19.99 | 13.74 | 9.15 | - | 6.16 | 10.80 | 25.47 | 35.00 | 37.65 | 29.80 | 11.03 | - | 37.65 | |
| 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.00 | |
| 28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.99 | 6.81 | 8.24 | 16.51 | 16.51 | |

Average 11.18 EUR/MWh

Public

Market for Allocation of Cross-Border Capacities

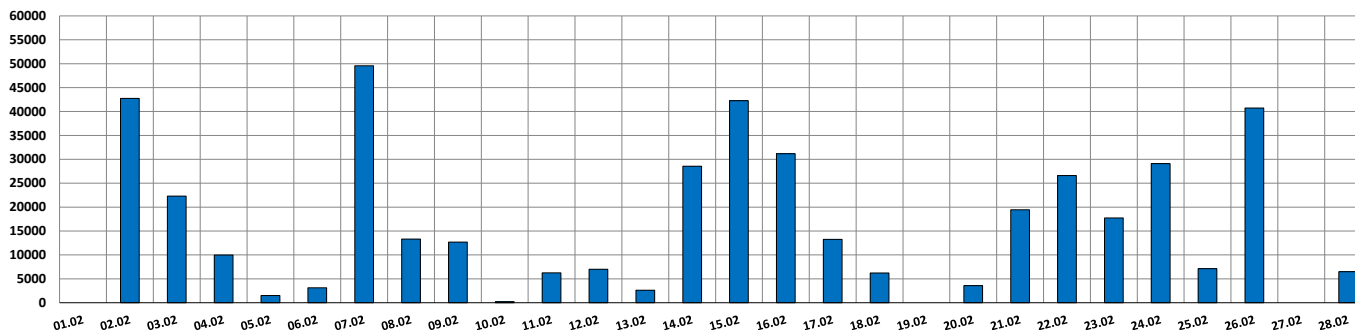


Transelectrica®

Societate Administrată în Sistem Dualist

Daily implicit Auctions on Romanian – Hungarian border

Congestion Income RO



| Day | Congestion Income border RO-HU [Euro] | Congestion Income RO [Euro] |
|--------------|---------------------------------------|-----------------------------|
| 01.02 | 0 | 0 |
| 02.02 | 85484 | 42742 |
| 03.02 | 44623 | 22311 |
| 04.02 | 19944 | 9972 |
| 05.02 | 2997 | 1499 |
| 06.02 | 6255 | 3128 |
| 07.02 | 99149 | 49574 |
| 08.02 | 26613 | 13307 |
| 09.02 | 25348 | 12674 |
| 10.02 | 401 | 200 |
| 11.02 | 12500 | 6250 |
| 12.02 | 13980 | 6990 |
| 13.02 | 5208 | 2604 |
| 14.02 | 57136 | 28568 |
| 15.02 | 84506 | 42253 |
| 16.02 | 62320 | 31160 |
| 17.02 | 26483 | 13241 |
| 18.02 | 12457 | 6228 |
| 19.02 | 0 | 0 |
| 20.02 | 7139 | 3569 |
| 21.02 | 38896 | 19448 |
| 22.02 | 53222 | 26611 |
| 23.02 | 35492 | 17746 |
| 24.02 | 58195 | 29098 |
| 25.02 | 14263 | 7132 |
| 26.02 | 81463 | 40732 |
| 27.02 | 0 | 0 |
| 28.02 | 12953 | 6476 |
| Total | 887028 | 443514 |

| Daily Income [Euro] | | Remuneration UIOSI [Euro] | |
|---------------------|--------|---------------------------|--------|
| RO-HU | HU-RO | RO-HU | HU-RO |
| 582552 | 304476 | 399000 | 195317 |
| 887028 | | 594318 | |

| TSO Income (Z-R) [Euro] | RO TSO Income (Z-R) [Euro] |
|-------------------------|----------------------------|
| 292710 | 146355 |

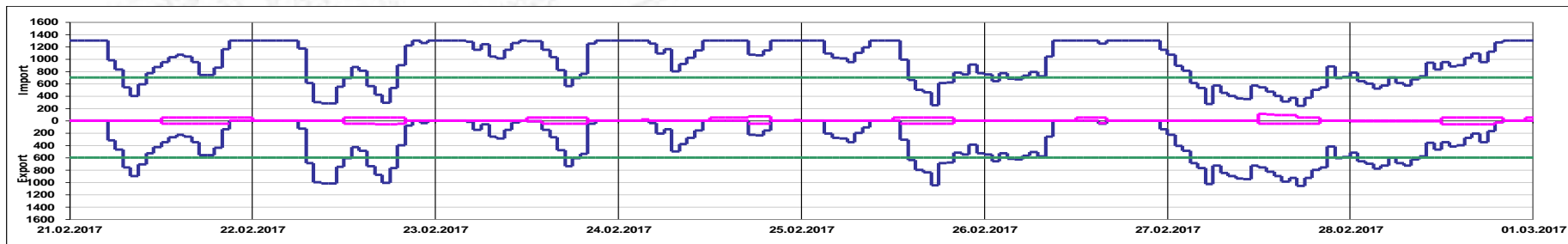
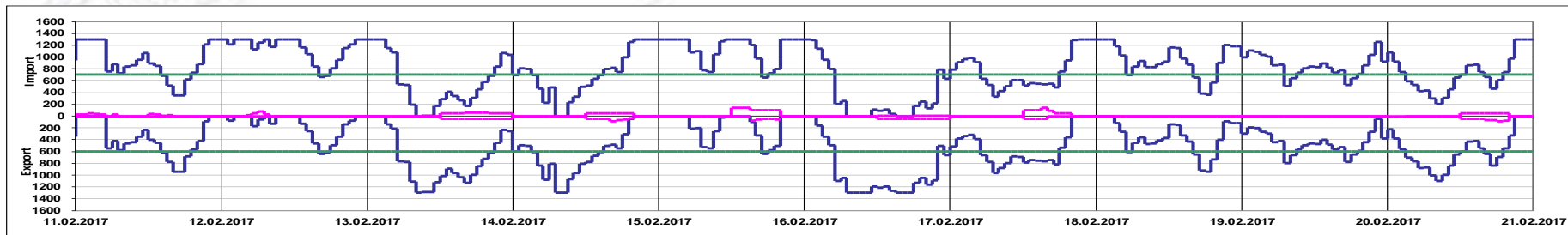
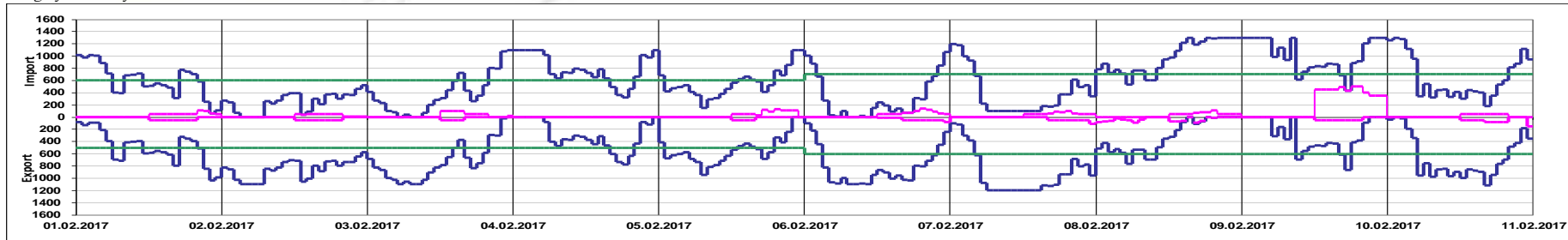


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Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Hungarian border

Hungary February 2017



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

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

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



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Hungarian 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 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | - | - | - | - | - | 0.00 | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | - | 0.02 | - | - | - | - | 0.02 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | - | - | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | - | - | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | - | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | 1.00 |
| 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 |
| 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 |
| 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 |
| 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 | 0.10 | - | - | - | 0.10 |

Hungary

February 2017

Public



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Hungarian border

Auction Price [Euro/MWh] - Import

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Max | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 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 |
| 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 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Hungary

February 2017

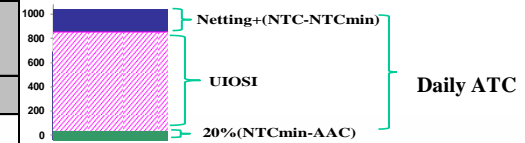
Public

Market for Allocation of Cross-Border Capacities

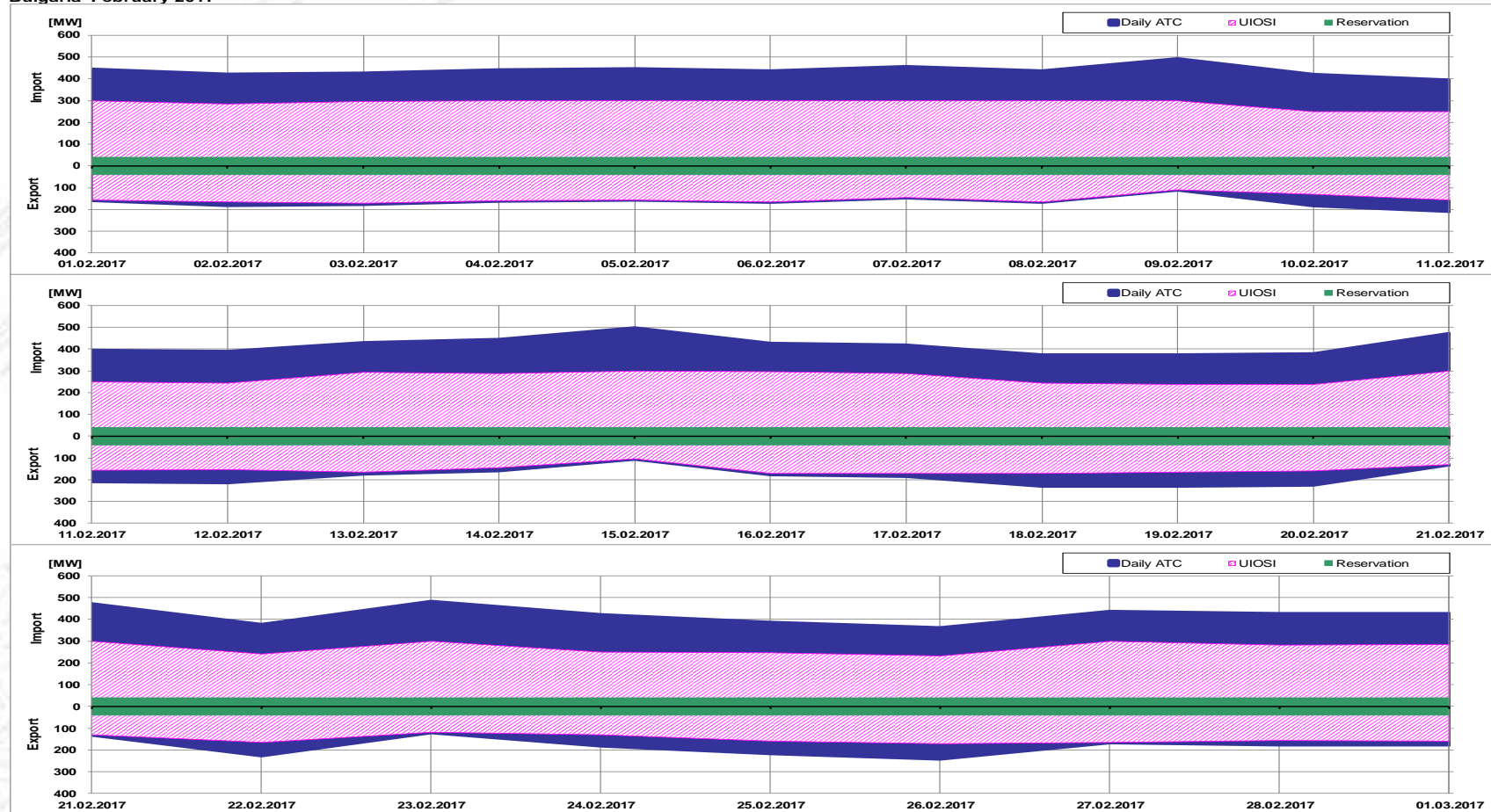


Daily Auctions on Romanian – Bulgarian border

| Reserved Capacity [MW] average value | | Unused Capacity [MW] average value | |
|---|-------|---------------------------------------|-------|
| RO-BG | BG-RO | RO-BG | BG-RO |
| 40 | 40 | 113 | 233 |



Bulgaria February 2017



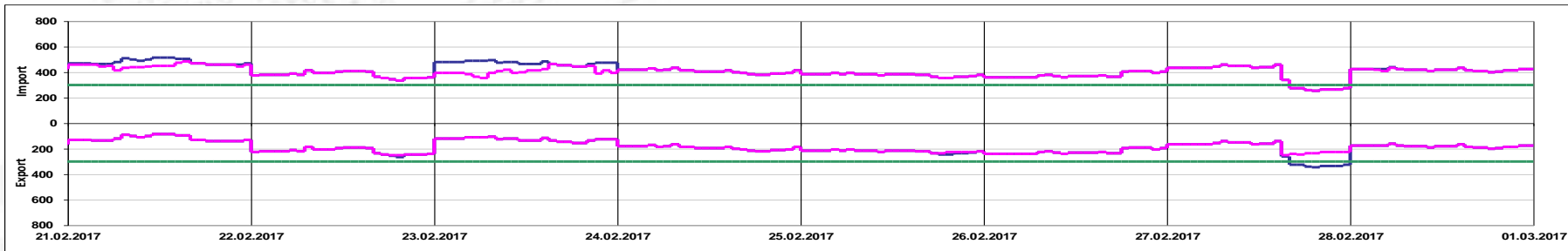
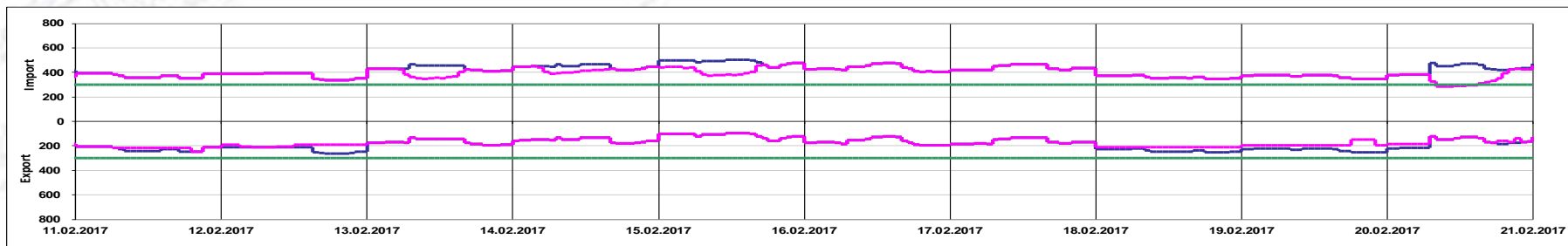
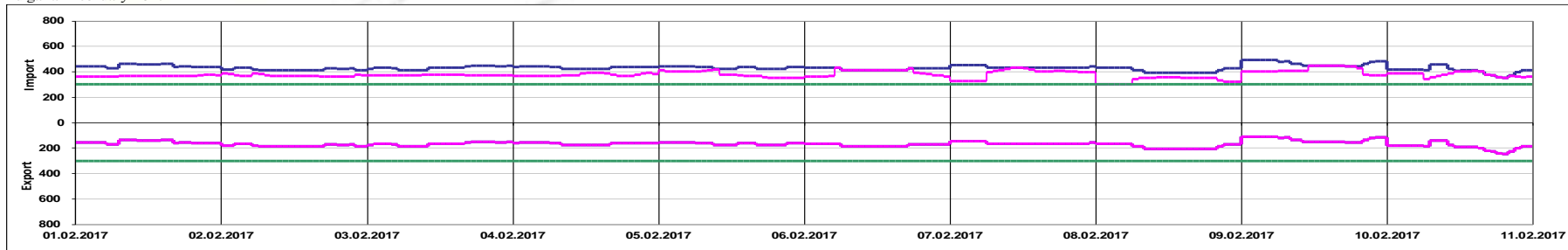


Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Daily Auctions on Romanian – Bulgarian border

Bulgaria February 2017



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

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

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

Market for Allocation of Cross-Border Capacities



Transelectrica®
Societate Administrată în Sistem Dualist

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 | 0.04 | 0.07 | 0.07 | 0.07 | 0.07 | 0.04 | 0.06 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 |
| 2 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 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 | 0.02 | 0.02 | 0.02 | 0.03 |
| 3 | 0.07 | 0.09 | 0.09 | 0.09 | 0.07 | 0.03 | 0.03 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.09 |
| 4 | 0.87 | 0.87 | 1.51 | 1.51 | 1.51 | 0.87 | 0.87 | 0.27 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 1.51 |
| 5 | 0.18 | 0.18 | 0.21 | 0.21 | 0.21 | 0.21 | 0.18 | 0.18 | 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 | 0.21 |
| 6 | 0.33 | 0.33 | 1.71 | 1.71 | 1.71 | 0.81 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.25 | 0.25 | 0.29 | 1.71 |
| 7 | 2.91 | 2.77 | 2.77 | 2.88 | 3.14 | 0.87 | 0.18 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.18 | 0.18 | 0.18 | 0.18 | 0.33 | 3.14 | |
| 8 | 0.11 | 0.13 | 0.13 | 0.13 | 0.13 | 0.11 | 0.07 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.01 | 0.04 | 0.04 | 0.27 | 0.74 | 0.74 | 0.76 | 0.76 | 0.76 | 0.76 |
| 9 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.66 | 0.15 | 0.11 | 0.11 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.05 | 0.03 | 0.03 | 0.06 | 0.09 | 0.14 | 0.42 | 0.48 | 0.88 | 0.88 |
| 10 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.07 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.03 | 0.02 | 0.01 | 0.01 | 0.03 | 0.05 | 0.05 | 0.07 | 0.07 | 0.07 | 0.07 |
| 11 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 |
| 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 |
| 13 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.07 |
| 14 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.33 | 0.33 | 0.33 | 0.33 | 0.38 | 0.54 | 0.38 | 0.38 | 0.38 | 0.55 | 0.33 | 0.10 | 0.30 | 0.30 | 0.27 | 0.27 | 0.50 | 0.50 | 0.55 | 0.55 |
| 15 | 9.72 | 11.03 | 11.03 | 9.97 | 5.53 | 2.00 | 0.77 | 2.00 | 2.00 | 5.94 | 4.22 | 3.50 | 3.50 | 3.60 | 2.50 | 1.22 | 0.39 | 0.33 | 0.27 | 0.27 | 0.11 | 0.15 | 0.22 | 0.22 | 11.03 | 11.03 |
| 16 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 |
| 17 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |
| 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 | 0.07 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 | 0.07 | 0.18 | 0.07 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.18 |
| 21 | 0.30 | 0.30 | 1.20 | 1.20 | 0.30 | 0.32 | 0.32 | 2.56 | 1.28 | 2.56 | 2.56 | 4.20 | 5.19 | 4.39 | 4.45 | 1.56 | 0.39 | 0.39 | 0.07 | 0.07 | 0.07 | 0.07 | 4.13 | 3.72 | 5.19 | 5.19 |
| 22 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.06 | 0.06 |
| 23 | 12.31 | 11.17 | 3.45 | 6.86 | 5.22 | 3.45 | 3.50 | 1.10 | 1.10 | 1.24 | 6.54 | 6.88 | 6.20 | 4.94 | 0.77 | 0.30 | 0.13 | 0.08 | 0.07 | 0.07 | 0.07 | 0.08 | 2.35 | 0.95 | 12.31 | 12.31 |
| 24 | 0.02 | 0.02 | 0.07 | 0.13 | 0.13 | 0.07 | 0.07 | 0.17 | 0.07 | 0.07 | 0.07 | 0.10 | 0.10 | 0.10 | 0.07 | 0.05 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.17 | 0.17 |
| 25 | 0.01 | 0.01 | 0.02 | 0.06 | 0.07 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.07 |
| 26 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 | 0.05 | 0.07 | 0.07 | 0.07 | 0.38 | 0.38 | 0.16 | 0.07 | 0.07 | 0.38 | 0.12 | 0.12 | 0.12 | 0.07 | 0.12 | 0.38 | 0.38 |
| 27 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.09 | 0.22 | 0.18 | 0.18 | 0.18 | 0.09 | 0.12 | 0.12 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 |
| 28 | 0.43 | 0.05 | 0.43 | 0.43 | 1.10 | 1.10 | 0.44 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.09 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 1.50 | 1.56 | 1.56 | 1.56 | 1.56 |

Bulgaria February 2017

Public

Market for Allocation of Cross-Border Capacities



Transelectrica®
Societate Administrată în Sistem Dualist

Daily Auctions on Romanian – Bulgarian border

Auction Price [Euro/MWh] – Import

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Max | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.03 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | |
| 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 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | |
| 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 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | |
| 11 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.06 | 0.03 | 0.03 | 0.03 | 0.06 | 0.07 | 0.06 | 0.07 | 0.35 | 0.35 | 0.35 | 0.35 | 0.10 | 0.03 | 0.07 | 0.03 | 0.35 | |
| 12 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.03 | 0.03 | 0.03 | 0.03 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.22 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | |
| 13 | 0.03 | 0.03 | 0.03 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.07 | 0.03 | 0.03 | 0.03 | 0.01 | 0.01 | 0.07 | |
| 14 | 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 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | |
| 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 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | |
| 16 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.03 | 0.05 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.07 | 0.05 | 0.09 |
| 17 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.07 | 0.13 | 0.13 | 0.07 | 0.09 | 0.07 | 0.03 | 0.03 | 0.13 | |
| 18 | 0.04 | 0.06 | 0.06 | 0.06 | 0.07 | 0.06 | 0.07 | 0.04 | 0.07 | 0.09 | 0.09 | 0.13 | 0.09 | 0.07 | 0.13 | 0.26 | 0.33 | 0.33 | 0.33 | 0.33 | 0.26 | 0.21 | 0.07 | 0.06 | 0.33 | |
| 19 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | |
| 20 | 0.09 | 0.09 | 0.09 | 0.07 | 0.07 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.00 | 0.09 | |
| 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 | 0.02 | 0.04 | 0.04 | 0.04 | 0.04 | 0.02 | 0.00 | 0.04 | |
| 22 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 | 1.50 | 0.86 | 1.21 | 1.21 | 1.21 | 1.50 | 1.50 | 1.50 | 1.50 | 1.21 | 1.33 | 1.50 | 2.01 | 1.50 | 1.33 | 0.56 | 0.09 | 0.07 | 2.01 | |
| 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.11 | 0.11 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | |
| 24 | 0.03 | 0.03 | 0.03 | 0.03 | 0.01 | 0.02 | 0.07 | 0.07 | 0.08 | 0.08 | 0.11 | 0.07 | 0.07 | 0.07 | 0.07 | 0.11 | 0.11 | 0.26 | 0.55 | 0.11 | 0.11 | 0.10 | 0.06 | 0.03 | 0.55 | |
| 25 | 0.07 | 0.06 | 0.06 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.05 | 0.16 | 0.16 | 0.22 | 0.24 | 0.55 | 0.55 | 0.88 | 0.88 | 0.88 | 0.86 | 0.86 | 0.94 | 0.26 | 0.94 | |
| 26 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.55 | 0.44 | 0.55 | 0.66 | 0.66 | 0.55 | 0.55 | 0.44 | 0.44 | 0.44 | 0.55 | 0.66 | 0.66 | 0.66 | 0.55 | 0.55 | 1.00 | 0.98 | 1.00 | |
| 27 | 0.07 | 0.07 | 0.07 | 0.05 | 0.03 | 0.03 | 0.21 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.21 | 0.21 | 0.21 | 0.44 | 0.88 | 0.95 | 1.24 | 0.98 | 0.95 | 0.66 | 1.00 | 1.00 | 1.24 | |
| 28 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.07 | 0.10 | 0.20 | 0.64 | 0.16 | 0.08 | 0.03 | 0.03 | 0.64 | |

Bulgaria

February 2017

Public

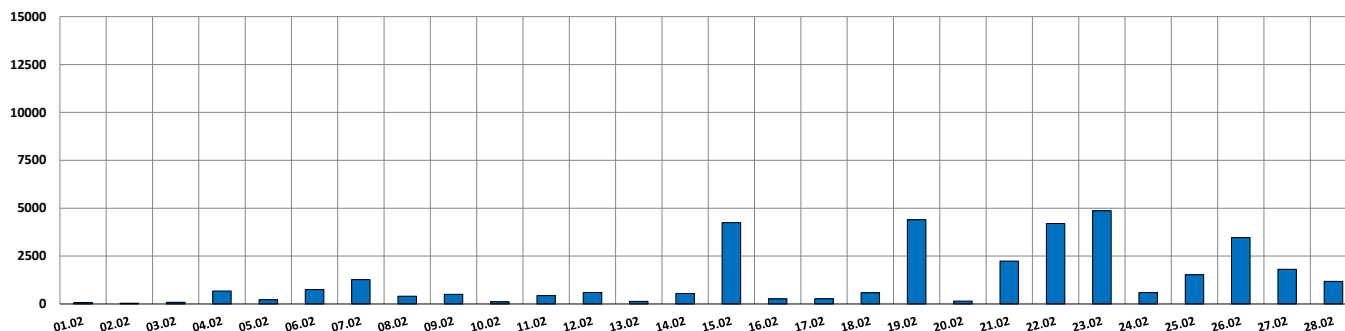
Market for Allocation of Cross-Border Capacities



Transelectrica®
Societate Administrată în Sistem Dualist

Daily Allocation on Romanian – Bulgarian border

Congestion Income RO



| Day | Congestion Income border RO-BG [Euro] | Congestion Income RO [Euro] |
|--------------|---------------------------------------|-----------------------------|
| 01.02 | 142 | 71 |
| 02.02 | 70 | 35 |
| 03.02 | | |
| 04.02 | 173 | 87 |
| 05.02 | 1346 | 673 |
| 06.02 | 436 | 218 |
| 07.02 | 1498 | 749 |
| 08.02 | 2543 | 1271 |
| 09.02 | 802 | 401 |
| 10.02 | 1009 | 504 |
| 11.02 | 229 | 114 |
| 12.02 | 871 | 435 |
| 13.02 | 1197 | 599 |
| 14.02 | 267 | 133 |
| 15.02 | 1094 | 547 |
| 16.02 | 8485 | 4243 |
| 17.02 | 530 | 265 |
| 18.02 | 536 | 268 |
| 19.02 | 1177 | 589 |
| 20.02 | 8793 | 4397 |
| 21.02 | 295 | 147 |
| 22.02 | 4482 | 2241 |
| 23.02 | 8396 | 4198 |
| 24.02 | 9728 | 4864 |
| 25.02 | 1180 | 590 |
| 26.02 | 3046 | 1523 |
| 27.02 | 6927 | 3463 |
| 28.02 | 3613 | 1807 |
| 28.02 | 2354 | 1177 |
| Total | 71218 | 35609 |

| Daily Income [Euro] | | Remuneration UIOSI [Euro] | |
|---------------------|-------|---------------------------|-------|
| RO-BG | BG-RO | RO-BG | BG-RO |
| 34919 | 36299 | 22811 | 19789 |
| 71218 | | 42600 | |

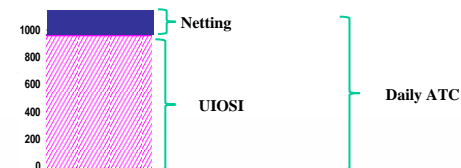
| TSO Income (Z-R) [Euro] | RO TSO Income (Z-R) [Euro] |
|-------------------------|----------------------------|
| 28618 | 14309 |

Market for Allocation of Cross-Border Capacities

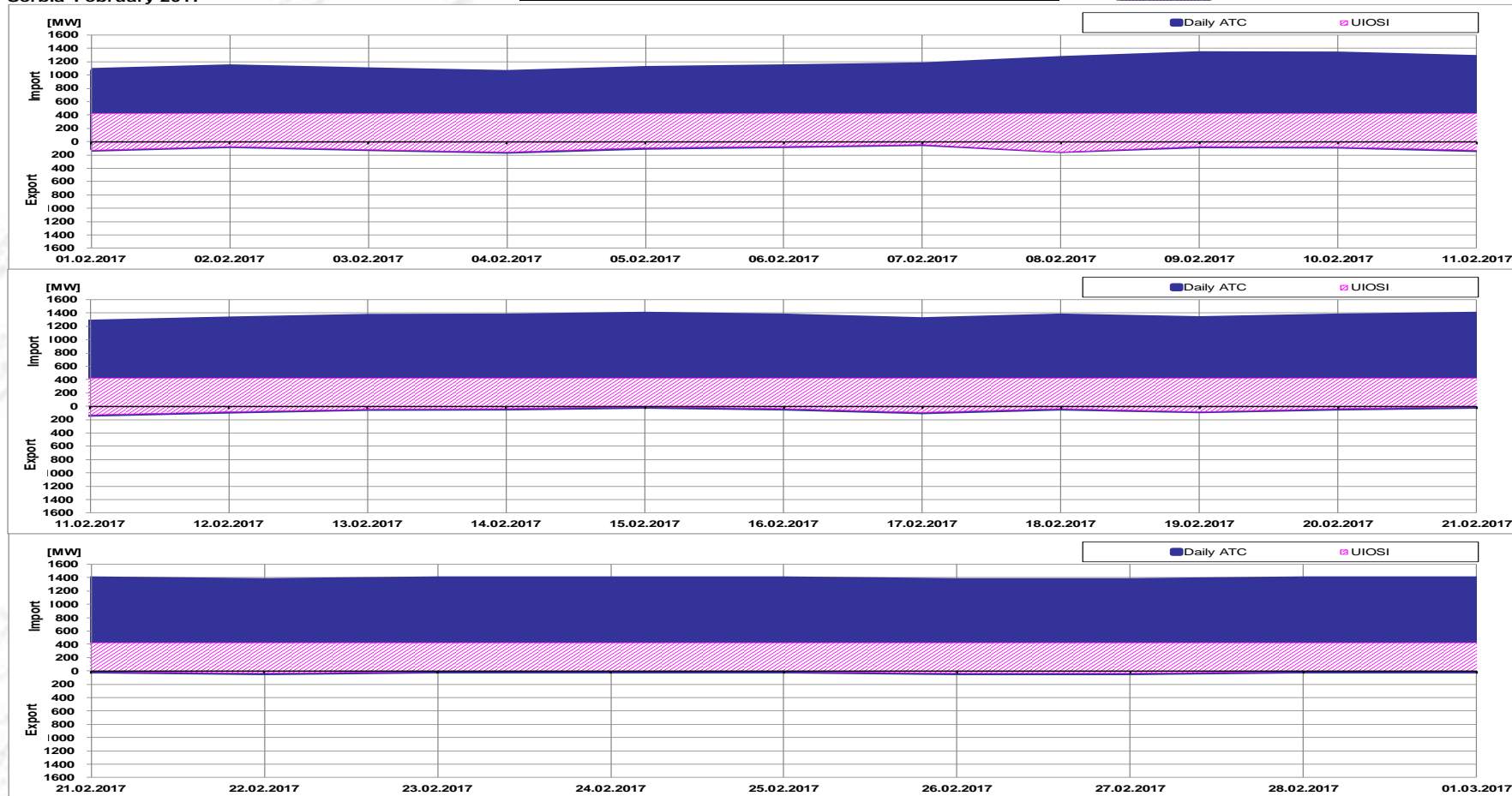


Daily Auctions on Romanian – Serbian border

| Unused Capacity [MW] average value | |
|---------------------------------------|-------|
| RO-RS | RS-RO |
| 62 | 425 |



Serbia February 2017

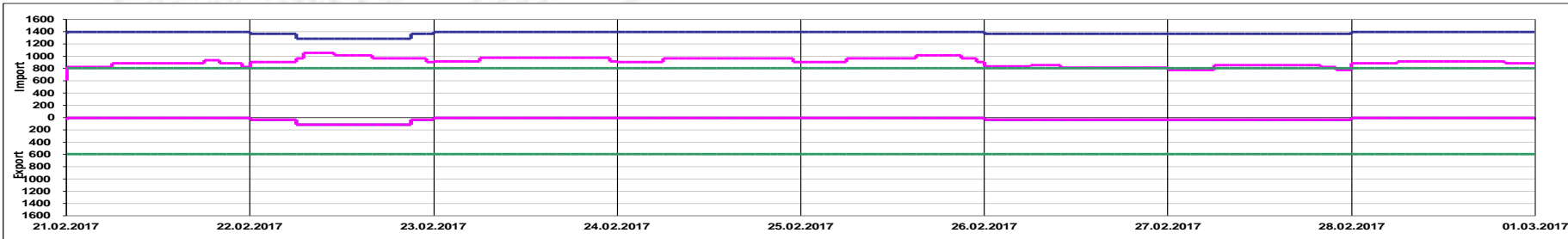
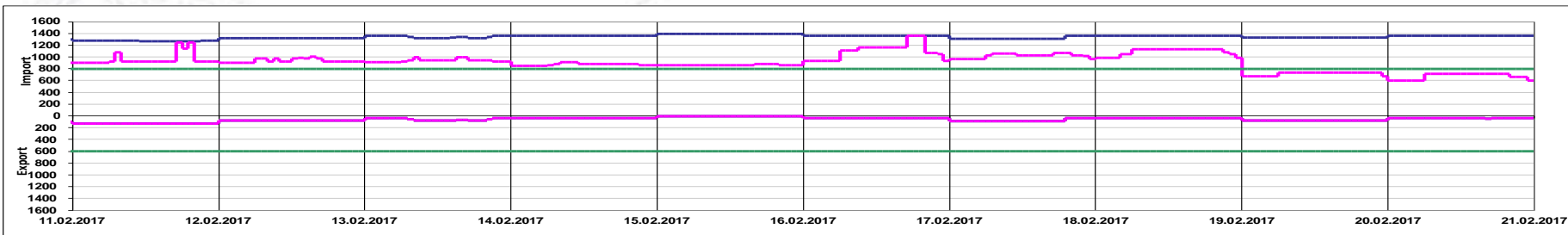
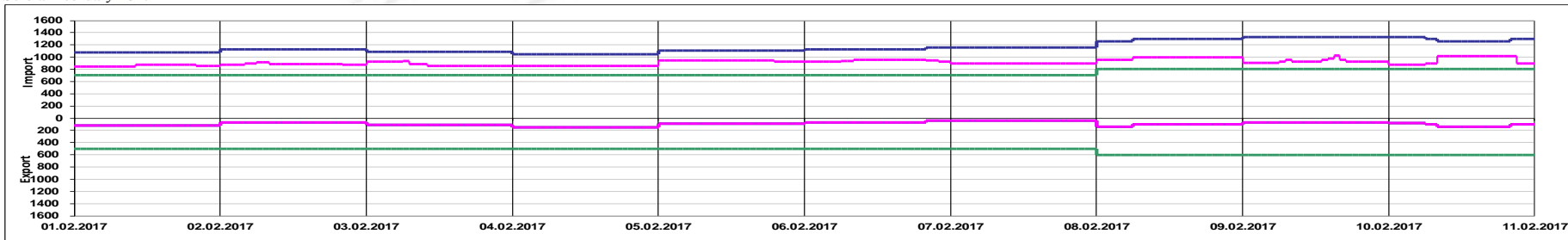




Transelectrica®
Societate Administrată în Sistem Dualist

Daily Auctions on Romanian – Serbian border

Serbia February 2017



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

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

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

Market for Allocation of Cross-Border Capacities



Transelectrica®

Societate Administrată în Sistem Dualist

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 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.70 | 0.70 | 0.70 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.70 |
| 2 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 3 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.57 | 1.14 | 1.14 | 1.39 | 1.39 | 1.39 | 1.50 | 1.89 | 2.14 | 2.64 | 2.64 |
| 4 | 5.11 | 3.88 | 3.66 | 4.55 | 3.33 | 1.20 | 0.90 | 1.40 | 0.35 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 5.11 |
| 5 | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.36 | 0.36 | 0.36 | 3.88 | 5.02 | 5.02 | 5.02 |
| 6 | 3.77 | 2.55 | 1.55 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.56 | 2.55 | 2.55 | 3.33 | 3.77 |
| 7 | 1.12 | 1.12 | 0.88 | 0.88 | 0.88 | 0.88 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 1.12 |
| 8 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.33 | 0.33 | 0.33 | 0.33 | 0.33 | 0.33 | 0.33 | 0.33 | 0.33 | 0.33 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.70 | 1.15 | 1.15 | 1.15 |
| 9 | 2.55 | 2.09 | 2.84 | 2.77 | 1.88 | 1.55 | 1.53 | 0.99 | 0.64 | 0.58 | 0.47 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.37 | 0.88 | 0.88 | 1.22 | 0.93 | 0.88 | 0.88 | 0.50 | 2.84 |
| 10 | 1.55 | 1.54 | 1.38 | 1.28 | 0.68 | 0.58 | 0.50 | 0.50 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.50 | 0.50 | 0.45 | 0.45 | 1.55 |
| 11 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 | 0.66 | 0.66 | 0.66 | 0.66 |
| 12 | 1.65 | 2.00 | 3.00 | 3.00 | 3.00 | 2.00 | 1.11 | 1.00 | 0.98 | 1.25 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.33 | 0.33 | 0.32 | 0.59 | 0.28 | 0.28 | 0.26 | 3.00 |
| 13 | 1.51 | 1.23 | 1.23 | 1.23 | 1.23 | 1.11 | 0.38 | 0.38 | 0.38 | 0.38 | 0.38 | 0.33 | 0.23 | 0.23 | 0.33 | 0.33 | 0.33 | 0.33 | 0.33 | 0.32 | 0.38 | 0.38 | 0.38 | 1.11 | 1.51 |
| 14 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.41 | 0.41 | 0.41 | 0.44 | 0.44 | 0.44 | 0.41 | 0.55 | 0.60 | 0.60 | 1.50 | 1.55 | 2.00 | 2.13 | 2.87 | 3.17 | 3.55 | 5.00 | 5.00 | 5.00 |
| 15 | 10.69 | 10.77 | 12.68 | 11.06 | 9.12 | 5.18 | 4.00 | 3.31 | 3.10 | 3.10 | 3.33 | 3.33 | 3.17 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 12.68 |
| 16 | 0.55 | 0.55 | 0.55 | 0.55 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.55 |
| 17 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.35 | 0.35 | 0.35 | 0.35 | 3.33 | 3.33 | 3.33 | 3.33 | 3.33 | 3.33 |
| 18 | 1.11 | 1.11 | 1.05 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.80 | 1.00 | 1.11 |
| 19 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 20 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 1.55 | 2.28 | 2.28 | 2.28 |
| 21 | 5.06 | 3.88 | 3.88 | 3.88 | 3.88 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 3.01 | 5.00 | 3.01 | 5.06 |
| 22 | 5.12 | 4.12 | 4.12 | 3.01 | 3.01 | 3.01 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 3.76 | 6.00 | 10.00 | 10.00 |
| 23 | 17.35 | 18.00 | 16.20 | 11.67 | 9.29 | 8.88 | 8.88 | 3.06 | 6.05 | 4.39 | 4.25 | 8.80 | 8.80 | 7.85 | 5.40 | 3.06 | 3.06 | 3.06 | 3.06 | 3.06 | 3.06 | 6.65 | 8.88 | 8.88 | 18.00 |
| 24 | 12.88 | 12.88 | 12.88 | 12.88 | 12.88 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 4.50 | 4.50 | 4.50 | 5.87 | 5.30 | 12.88 |
| 25 | 5.52 | 5.52 | 5.52 | 5.52 | 5.52 | 5.52 | 5.52 | 0.77 | 0.57 | 0.77 | 0.77 | 0.77 | 0.57 | 0.68 | 0.77 | 0.70 | 0.77 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 5.52 |
| 26 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.55 | 1.55 | 1.55 | 3.55 | 3.55 | 3.55 | 3.55 | 3.55 | 3.55 | 2.21 | 2.21 | 2.21 | 2.21 | 2.21 | 3.55 | 3.55 | 3.00 | 3.55 |
| 27 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 |
| 28 | 0.55 | 0.65 | 0.63 | 0.55 | 0.55 | 1.08 | 1.36 | 0.55 | 0.79 | 0.78 | 0.55 | 2.45 | 2.45 | 2.45 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 1.83 | 3.45 | 2.70 | 2.70 | 3.45 |

Serbia

February 2017

Public



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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |

Serbia

February 2017

Public

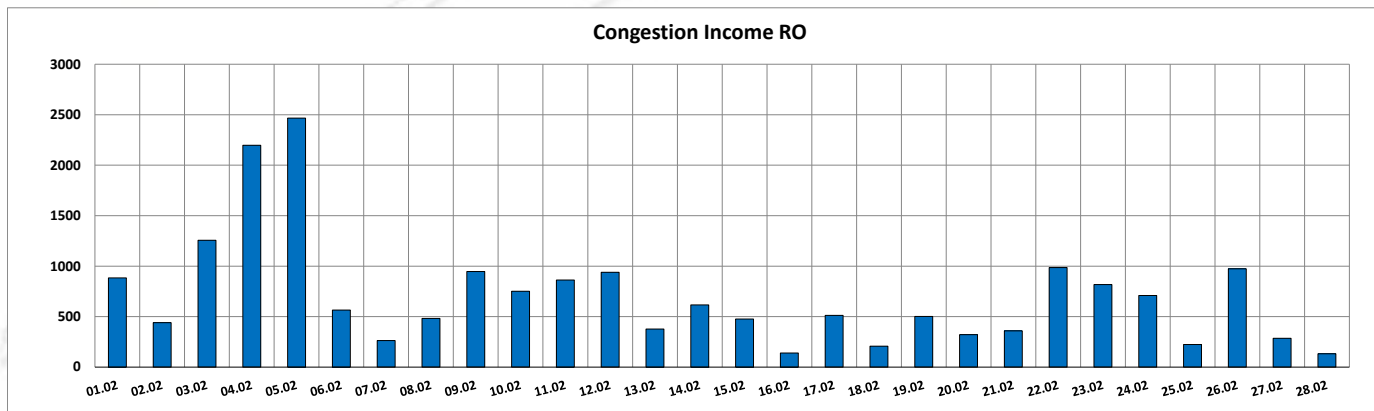
Market for Allocation of Cross-Border Capacities



Transelectrica®

Societate Administrată în Sistem Dualist

Daily Allocation on Romanian – Serbian border



| Day | Congestion Income border RO-RS [Euro] | Congestion Income RO [Euro] |
|--------------|---------------------------------------|-----------------------------|
| 01.02 | 1768 | 884 |
| 02.02 | 881 | 441 |
| 03.02 | 2512 | 1256 |
| 04.02 | 4396 | 2198 |
| 05.02 | 4933 | 2466 |
| 06.02 | 1131 | 566 |
| 07.02 | 527 | 263 |
| 08.02 | 966 | 483 |
| 09.02 | 1894 | 947 |
| 10.02 | 1503 | 752 |
| 11.02 | 1726 | 863 |
| 12.02 | 1878 | 939 |
| 13.02 | 753 | 377 |
| 14.02 | 1232 | 616 |
| 15.02 | 953 | 477 |
| 16.02 | 278 | 139 |
| 17.02 | 1024 | 512 |
| 18.02 | 415 | 208 |
| 19.02 | 1003 | 502 |
| 20.02 | 643 | 322 |
| 21.02 | 718 | 359 |
| 22.02 | 1971 | 986 |
| 23.02 | 1635 | 817 |
| 24.02 | 1417 | 709 |
| 25.02 | 448 | 224 |
| 26.02 | 1948 | 974 |
| 27.02 | 570 | 285 |
| 28.02 | 264 | 132 |
| Total | 39389 | 19695 |

| Daily Income [Euro] | | Remuneration UIOSI [Euro] | |
|---------------------|-------|---------------------------|-------|
| RO-RS | RS-RO | RO-RS | RS-RO |
| 39348 | 41 | 39255 | 13 |
| 39389 | | 39268 | |

| TSO Income (Z-R) [Euro] | RO TSO Income (Z-R) [Euro] |
|-------------------------|----------------------------|
| 121 | 61 |

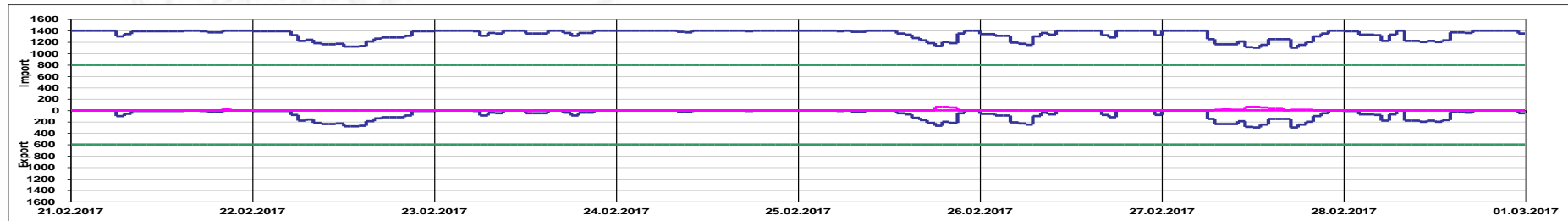
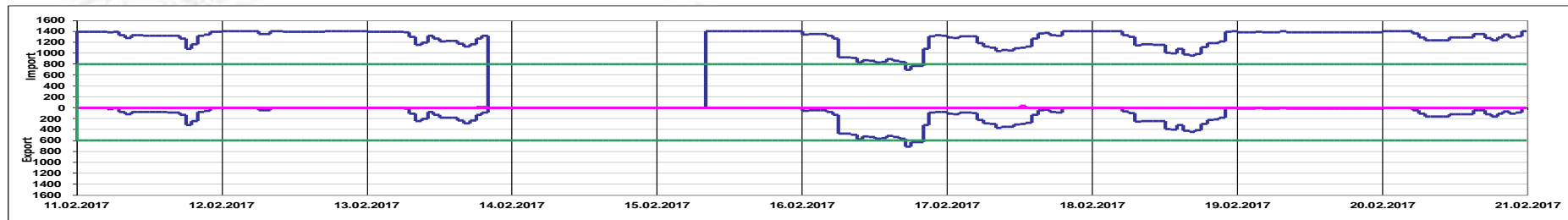
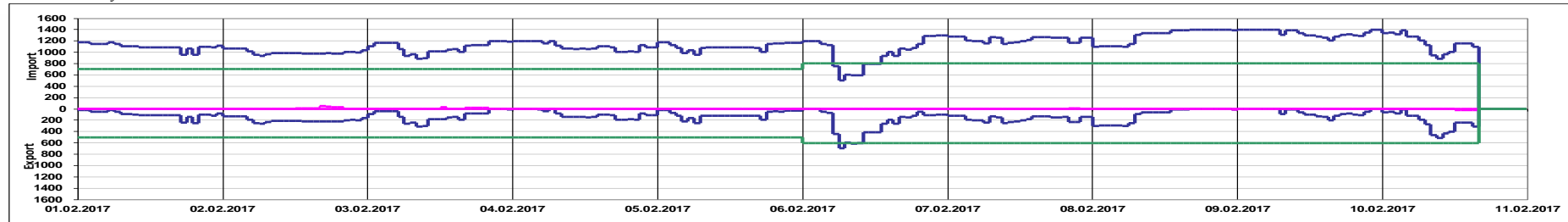


Transelectrica®

Societate Administrată în Sistem Dualist

Serbia February 2017

Intraday Auctions on Romanian – Serbian border



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

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

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

Note: Due to technical issues on Serbian IT platform, intraday auctions were canceled for 13.02.2017, session 6 (21:00 – 24:00 CET), 14.02.2017 and 15.02.2017 session 1 (00:00 – 04:00) and session 2 (04:00 – 08:00).



Transelectrica®
Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] - Export

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Max |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 |
| 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 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| 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 |
| 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 |
| 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | - | - | - | - | - | - | 0.00 | 0.00 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | - | - | - | - | 0.00 | 0.00 |
| 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 |
| 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.00 | 0.00 | - | - | - | - | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | - | - | - | 0.00 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 24 | - | - | - | - | - | - | - | 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 |
| 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 |
| 27 | - | - | - | - | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | 0.00 |
| 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | - | - | - | - | 0.00 | 0.00 |

Serbia February 2017

Note: Due to technical issues on Serbian IT platform, intraday auctions were canceled for 13.02.2017, session 6 (21:00 – 24:00 CET), 14.02.2017 and 15.02.2017 session 1 (00:00 – 04:00) and session 2 (04:00 – 08:00).

Public



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Market for Allocation of Cross-Border Capacities

Intraday Auctions on Romanian – Serbian border

Auction Price [Euro/MWh] - Import

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Max |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | - | - | - | - | - | - | 0.00 |
| 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | - | - | - | 0.00 |
| 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 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 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 |

Serbia February 2017

Note: Due to technical issues on Serbian IT platform, intraday auctions were canceled for 13.02.2017, session 6 (21:00 – 24:00 CET), 14.02.2017 and 15.02.2017 session 1 (00:00 – 04:00) and session 2 (04:00 – 08:00).

Public



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Societate Administrată în Sistem Dualist

Market for Allocation of Cross-Border Capacities

Statistics on Monthly Auction

| February 2017 | | 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 |
|----------------------------------|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hungary export | Number of Capacity Traders | 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 Capacity Holders | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | Number of Bids | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 | 124 |
| Hungary import | Number of Capacity Traders | 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 | 17 | 17 | 17 |
| | Number of Capacity Holders | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 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 |
| Bulgaria export | Number of Capacity Traders | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | Number of Capacity Holders | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Number of Bids | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| Bulgaria import | Number of Capacity Traders | 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 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 |
| | Number of Bids | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| Serbia export | Number of Capacity Traders | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | Number of Capacity Holders | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| | Number of Bids | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| Serbia import | Number of Capacity Traders | 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 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 |
| | Number of Bids | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Ukraine export | Number of Capacity Traders | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Number of Capacity Holders | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | Number of Bids | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Ukraine import | Number of Capacity Traders | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | Number of Capacity Holders | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | Number of Bids | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

| February 2017 | Maximum | Minimum |
|----------------------------|---------|---------|
| Number of Capacity Traders | 26 | 6 |
| Number of Capacity Holders | 14 | 3 |
| Number of Bids | 124 | 12 |

Public

Market for Allocation of Cross-Border Capacities



Statistics on Daily Auctions

| February 2017 | | 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 |
| Serbia Export | Maximum Number of Capacity Traders | 6 | 5 | 7 | 6 | 5 | 5 | 6 | 6 | 6 | 8 | 5 | 5 | 5 | 7 | 6 | 5 | 5 | 6 | 4 | 4 | 5 | 6 | 6 | 7 | 4 | 3 | 4 | 6 |
| | Maximum Number of Capacity Holders | 5 | 3 | 3 | 4 | 3 | 3 | 3 | 5 | 3 | 5 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Maximum Number of Bids | 17 | 13 | 15 | 18 | 14 | 10 | 13 | 12 | 14 | 16 | 17 | 10 | 9 | 16 | 14 | 11 | 14 | 14 | 11 | 10 | 8 | 13 | 9 | 8 | 7 | 6 | 7 | 8 |
| Serbia Import | Maximum Number of Capacity Traders | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 8 | 7 | 7 | 6 | 7 | 7 | 8 | 9 | 6 | 7 | 4 | 5 | 7 | 8 | 8 | 8 | 8 | 5 | 6 | 6 |
| | Maximum Number of Capacity Holders | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 8 | 7 | 7 | 6 | 7 | 7 | 8 | 9 | 6 | 7 | 4 | 5 | 7 | 8 | 8 | 8 | 8 | 5 | 6 | 6 |
| | Maximum Number of Bids | 16 | 19 | 18 | 16 | 18 | 18 | 18 | 19 | 23 | 23 | 27 | 20 | 20 | 19 | 20 | 27 | 21 | 22 | 13 | 13 | 17 | 21 | 20 | 20 | 20 | 17 | 18 | 17 |
| Bulgaria Export | Maximum Number of Capacity Traders | 6 | 5 | 5 | 7 | 5 | 5 | 7 | 7 | 9 | 7 | 8 | 5 | 6 | 8 | 8 | 7 | 7 | 7 | 4 | 4 | 7 | 7 | 9 | 7 | 8 | 5 | 6 | 8 |
| | Maximum Number of Capacity Holders | 6 | 5 | 5 | 5 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 5 | 6 | 6 | 5 | 7 | 6 | 7 | 4 | 4 | 6 | 7 | 6 | 7 | 8 | 4 | 6 | 5 |
| | Maximum Number of Bids | 19 | 16 | 18 | 22 | 14 | 14 | 22 | 19 | 22 | 21 | 21 | 14 | 16 | 23 | 21 | 20 | 21 | 18 | 11 | 13 | 19 | 19 | 22 | 19 | 20 | 15 | 15 | 23 |
| Bulgaria Import | Maximum Number of Capacity Traders | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 8 | 12 | 12 | 8 | 9 | 10 | 10 | 11 | 10 | 11 | 9 | 8 | 9 | 10 | 10 | 11 | 11 | 9 | 9 | 10 |
| | Maximum Number of Capacity Holders | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 8 | 12 | 10 | 7 | 8 | 10 | 10 | 10 | 9 | 10 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 8 | 8 | 10 |
| | Maximum Number of Bids | 16 | 16 | 18 | 18 | 14 | 13 | 17 | 17 | 23 | 25 | 25 | 20 | 21 | 23 | 21 | 26 | 24 | 24 | 19 | 18 | 20 | 27 | 26 | 26 | 27 | 24 | 21 | 23 |

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

Market for Allocation of Cross-Border Capacities



Statistics on Intraday Auctions

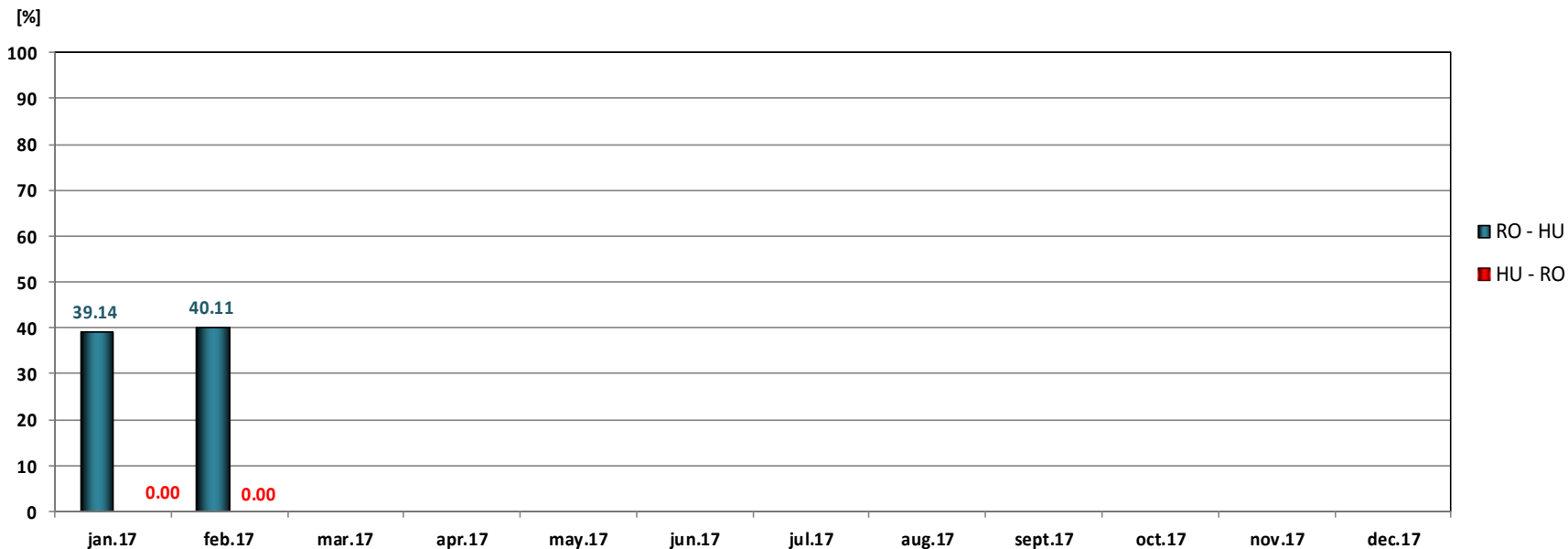
| February 2017 | Intraday Auctions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|----------------|------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Hungary Export | Maximum Number of Capacity Traders | 1 | 1 | 1 | 0 | 1 | 2 | 2 | 2 | 1 | 3 | 0 | 0 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 |
| | Maximum Number of Capacity Holders | 1 | 1 | 1 | - | 1 | 2 | 2 | 2 | 1 | 3 | - | - | 1 | 2 | 2 | 1 | 1 | - | - | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 |
| Hungary Import | Maximum Number of Capacity Traders | 2 | 1 | 1 | 0 | 1 | 2 | 2 | 2 | 4 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 0 | 0 | 1 | 2 | 1 | 1 | 3 | 1 | 1 | 2 | 3 |
| | Maximum Number of Capacity Holders | 2 | 1 | 1 | - | 1 | 2 | 2 | 2 | 4 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | - | - | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 3 |
| Serbia Export | Maximum Number of Capacity Traders | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | Maximum Number of Capacity Holders | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - |
| Serbia Import | Maximum Number of Capacity Traders | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | - | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| | Maximum Number of Capacity Holders | - | 1 | 1 | - | - | - | 1 | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | 1 |

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

Long term Auction on Romanian – Hungarian border

Usage Level of Allocated Capacity

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



CET

Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 39.63 % on export direction and 0 % on import direction.

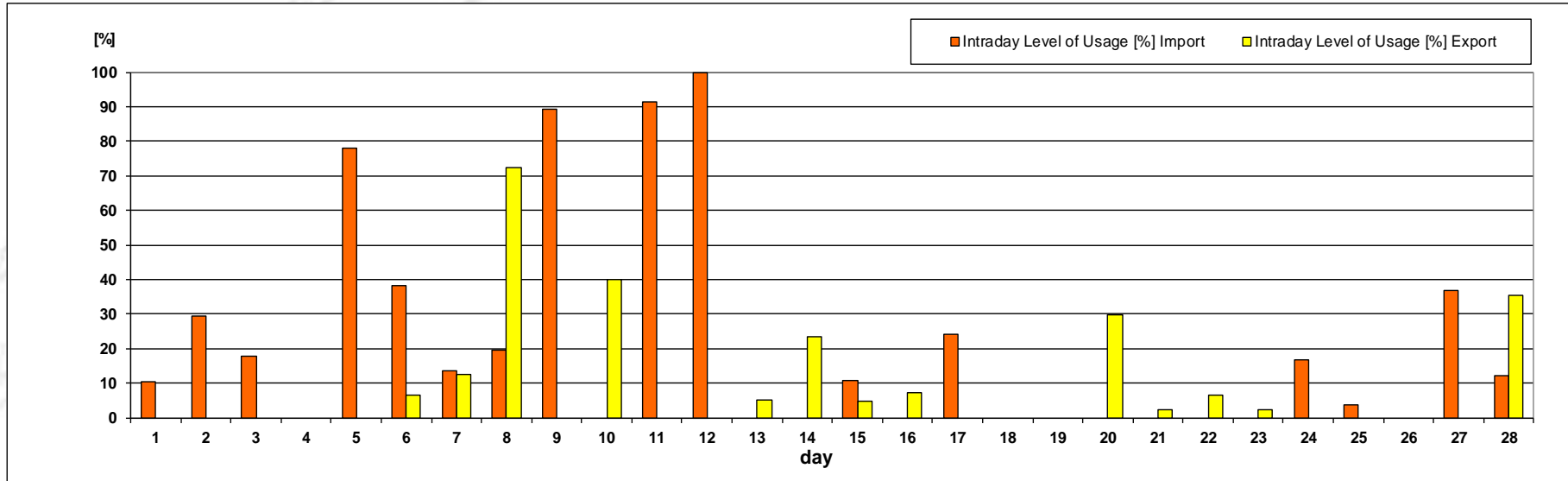
Market for Allocation of Cross-Border Capacities



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Intraday Auctions on Romanian – Hungarian border Usage Level of Intraday Allocated Capacity

Hungary February 2017



Intraday Level of Usage [%]

| February 2017 | 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 |
|---------------|-------|-------|-------|---|-------|-------|-------|-------|-------|-------|-------|--------|------|-------|-------|------|-------|----|----|-------|------|------|------|-------|------|------|-------|-------|
| Import | 10.30 | 29.30 | 17.90 | - | 77.83 | 38.12 | 13.40 | 19.46 | 89.23 | 0.00 | 91.30 | 100.00 | 0.00 | 0.00 | 10.78 | 0.00 | 24.04 | - | - | 0.00 | 0.00 | 0.00 | 0.00 | 16.87 | 3.75 | 0.00 | 36.81 | 12.09 |
| Export | 0.00 | 0.00 | 0.00 | - | 0.00 | 6.38 | 12.50 | 72.25 | 0.00 | 40.12 | - | - | 5.00 | 23.26 | 4.84 | 7.33 | 0.00 | - | - | 29.62 | 2.39 | 6.54 | 2.24 | 0.00 | 0.00 | 0.00 | 0.00 | 35.40 |

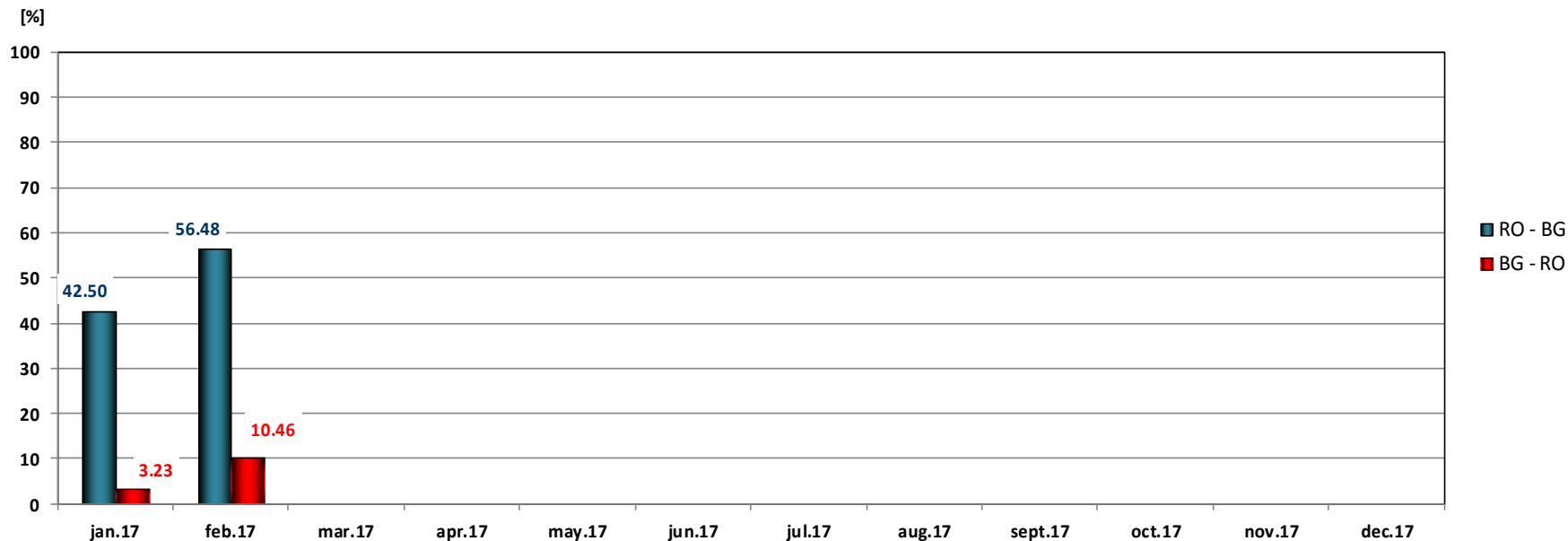
Level of usage of intraday allocated capacity, calculated at monthly level, as ratio between sum of nominated intraday capacities and sum of intraday allocated capacities, has the following values:

- Import 40.85 [%]
- Export 16.44 [%]

Long term Auction on Romanian – Bulgarian border

Usage Level of Allocated Capacity

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

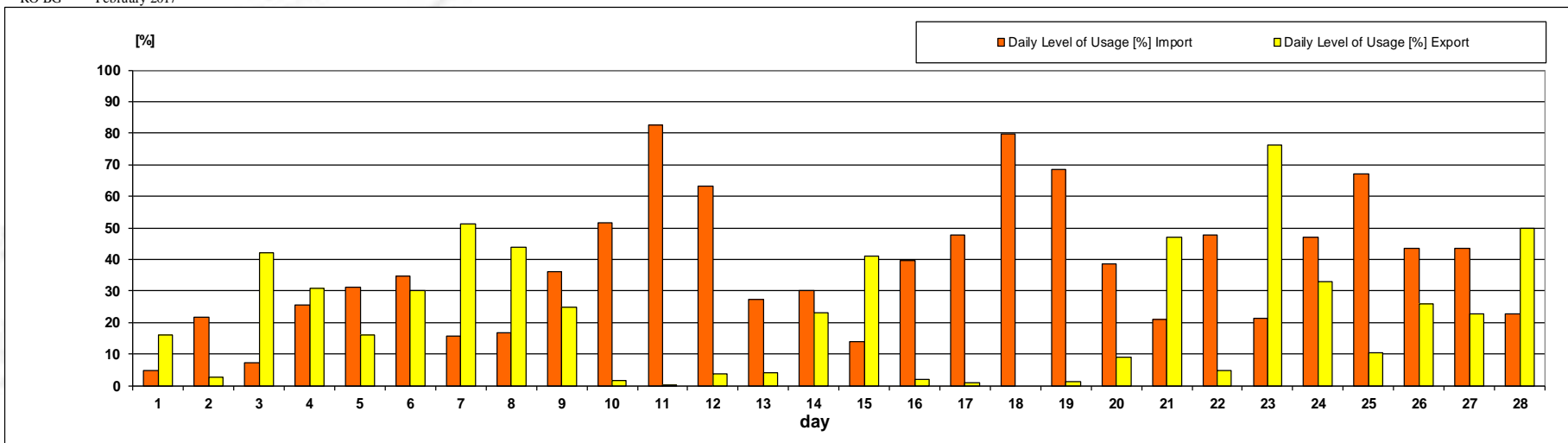


CET

Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 49.49 % on export direction and 6.84 % on import direction.

Daily Auctions on Romanian – Bulgarian border Usage Level of Daily Allocated Capacity

RO-BG February 2017



Daily Level of Usage [%]

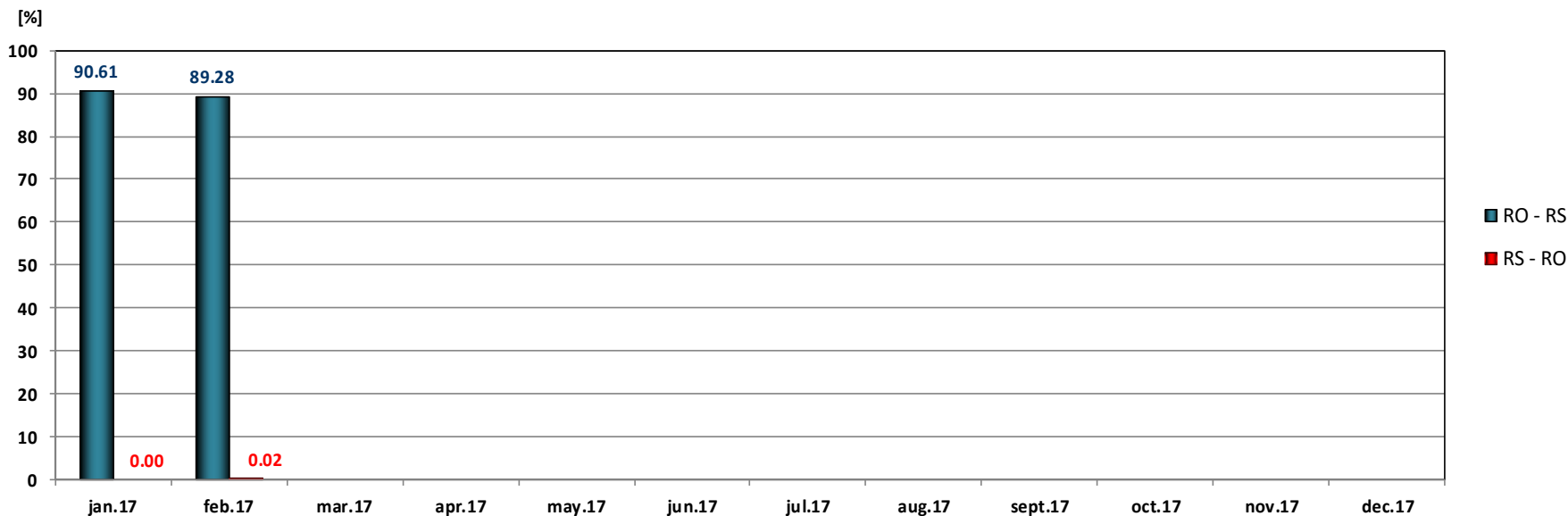
| February 2017 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Import | 4.77 | 21.55 | 7.37 | 25.67 | 31.02 | 34.68 | 15.51 | 16.66 | 36.24 | 51.72 | 82.70 | 63.36 | 27.37 | 30.14 | 13.94 | 39.62 | 47.54 | 79.87 | 68.46 | 38.41 | 20.87 | 47.88 | 21.47 | 47.01 | 67.01 | 43.39 | 43.43 | 22.70 |
| Export | 15.92 | 2.77 | 42.14 | 30.96 | 15.97 | 30.24 | 51.12 | 43.86 | 24.90 | 1.51 | 0.19 | 3.54 | 3.93 | 23.10 | 41.17 | 1.79 | 0.78 | 0.00 | 1.36 | 9.11 | 46.86 | 4.92 | 76.22 | 32.81 | 10.48 | 26.05 | 22.71 | 49.85 |

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 37.24 [%]
- Export 20.30 [%]

Long term Auction on Romanian – Serbian border Usage Level of Allocated Capacity

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



CET

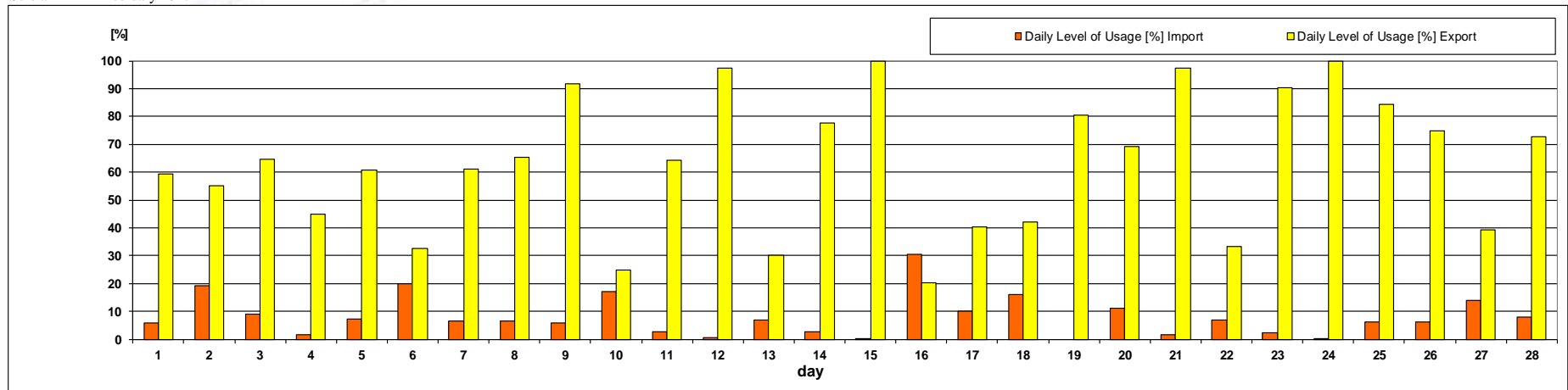
Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 89.95 % on export direction and 0.01 % on import direction.

Market for Allocation of Cross-Border Capacities



Daily Auctions on Romanian – Serbian border Usage Level of Daily Allocated Capacity

Serbia February 2017



Daily Level of Usage [%]

| February 2017 | 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 |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| Import | 5.65 | 19.27 | 8.91 | 1.49 | 7.07 | 19.81 | 6.39 | 6.48 | 5.71 | 17.12 | 2.75 | 0.45 | 7.02 | 2.66 | 0.06 | 30.56 | 10.18 | 16.14 | 0.00 | 10.99 | 1.56 | 6.84 | 2.37 | 0.28 | 6.17 | 6.24 | 13.80 | 7.77 |
| Export | 59.40 | 55.09 | 64.53 | 44.91 | 60.71 | 32.61 | 61.18 | 65.29 | 91.78 | 24.75 | 64.29 | 97.38 | 30.12 | 77.66 | 100.00 | 20.14 | 40.18 | 42.25 | 80.43 | 69.36 | 97.22 | 33.24 | 90.28 | 100.00 | 84.26 | 74.65 | 39.24 | 72.69 |

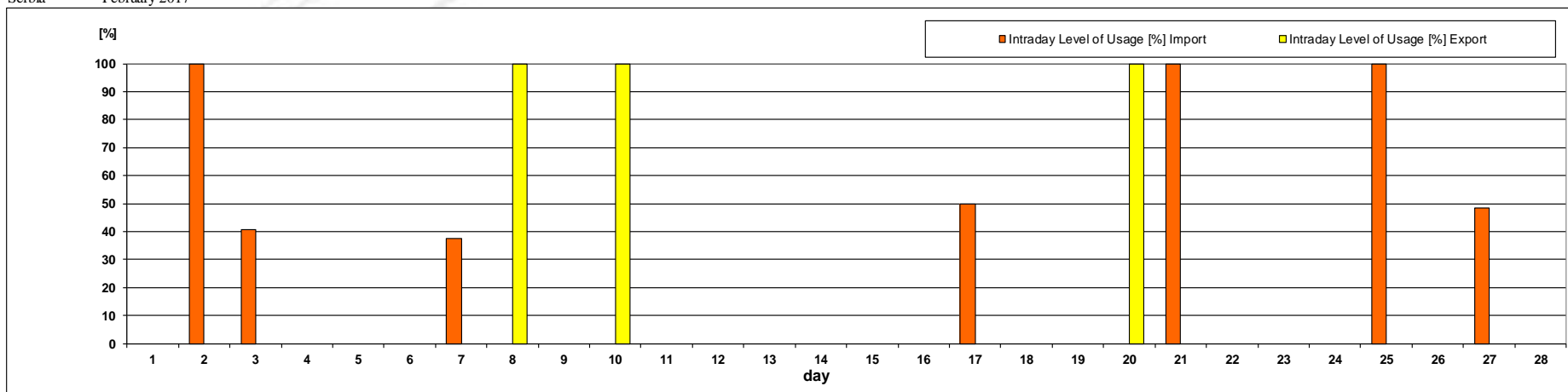
Level of usage of daily allocated capacity, calculated at monthly level, as ratio between sum of nominated daily capacities and sum of daily allocated capacities, has the following values:

- Import 8.27 [%]
- Export 53.93 [%]

Intraday Auctions on Romanian – Serbian border

Usage Level of Intraday Allocated Capacity

Serbia February 2017



Intraday Level of Usage [%]

| February 2017 | 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 |
|---------------|---|---|---|---|---|---|-------|--------|---|--------|----|----|------|----|----|----|-------|----|----|----|--------|----|----|------|--------|----|----|----|
| Import | - | - | - | - | - | - | 37.50 | - | - | - | - | - | 0.00 | - | - | - | 50.00 | - | - | - | 100.00 | - | - | - | 100.00 | - | - | - |
| Export | - | - | - | - | - | - | - | 100.00 | - | 100.00 | - | - | - | - | - | - | - | - | - | - | 100.00 | - | - | 0.00 | - | - | - | - |

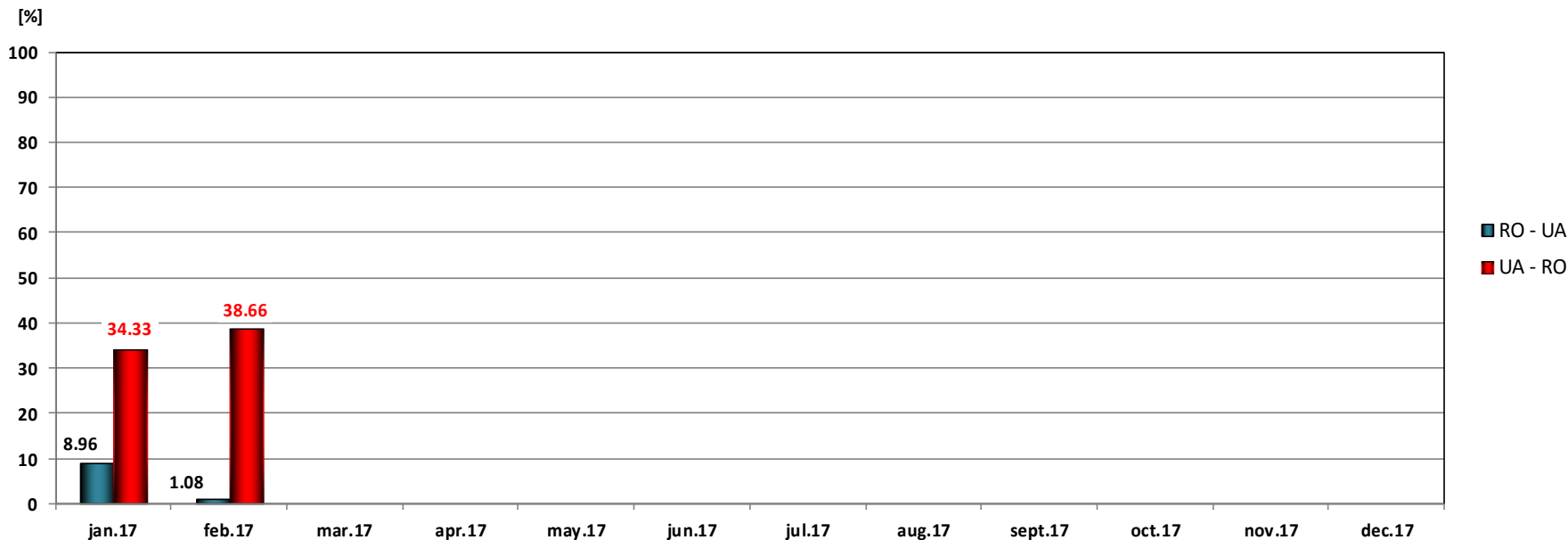
Level of usage of intraday allocated capacity, calculated at monthly level, as ratio between sum of nominated intraday capacities and sum of intraday allocated capacities, has the following values:

- Import 66.32 [%]
- Export 95.10 [%]

Long term Auction on Romanian – Ukrainian border

Usage Level of Allocated Capacity

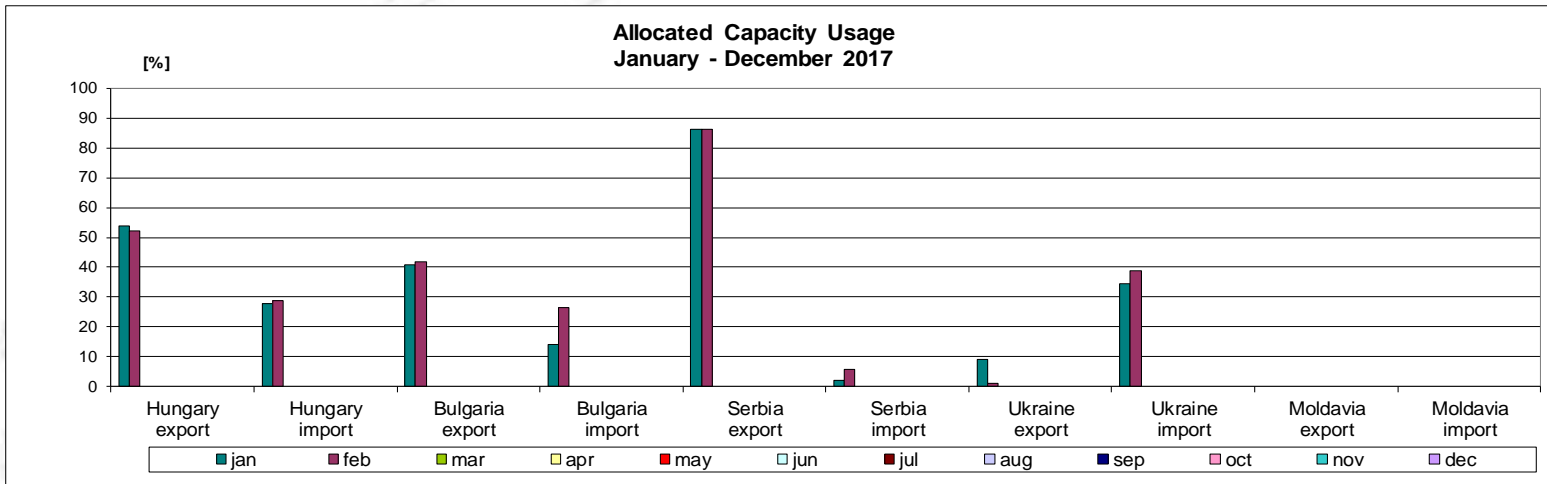
Usage Level of Yearly and Monthly Allocated Capacity on Romanian - Ukrainian border



CET

Usage level of yearly and monthly allocated capacity was calculated as ratio between nominated capacity and sum of allocated capacity at yearly and monthly auctions. From the beginning of the year, the average values (arithmetic) of usage level are: 5.02 % on export direction and 36.5 % on import direction.

Market for Allocation of Cross-Border Capacities



| [%] | Hungary export | Hungary import | Bulgaria export | Bulgaria import | Serbia export | Serbia import | Ukraine export | Ukraine import | Moldavia export | Moldavia import |
|----------------|----------------|----------------|-----------------|-----------------|---------------|---------------|----------------|----------------|-----------------|-----------------|
| jan | 54.00 | 27.90 | 40.92 | 14.26 | 86.37 | 2.06 | 8.96 | 34.33 | - | - |
| feb | 52.10 | 28.88 | 41.96 | 26.52 | 86.13 | 5.71 | 1.08 | 38.66 | - | - |
| mar | | | | | | | | | | |
| apr | | | | | | | | | | |
| may | | | | | | | | | | |
| jun | | | | | | | | | | |
| jul | | | | | | | | | | |
| aug | | | | | | | | | | |
| sep | | | | | | | | | | |
| oct | | | | | | | | | | |
| nov | | | | | | | | | | |
| dec | | | | | | | | | | |
| average | 53.05 | 28.39 | 41.44 | 20.39 | 86.25 | 3.89 | 5.02 | 36.50 | - | - |

Type B

In February 2017, the highest level of usage on export direction was obtained on Serbian border and the highest level of usage on import direction was obtained on Ukrainian border.

The allocated capacity level of usage on one border and direction represents the percentage ratio between the energy associated with the commercial transactions, nominated during a month, and the energy associated with the allocated capacity by the Romanian and by the neighbouring side, to all participants who have or not counterparties on the other side of the border.

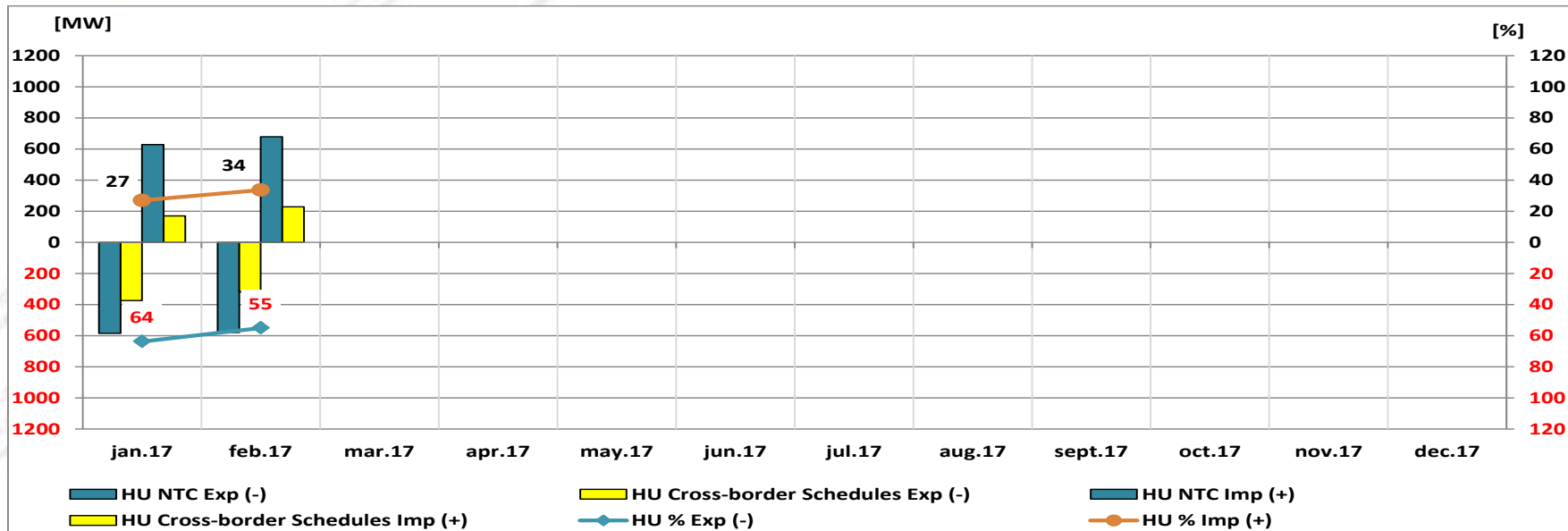


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Market for Allocation of Cross-Border Capacities

Usage Level of NTC on Romanian – Hungarian border

CET

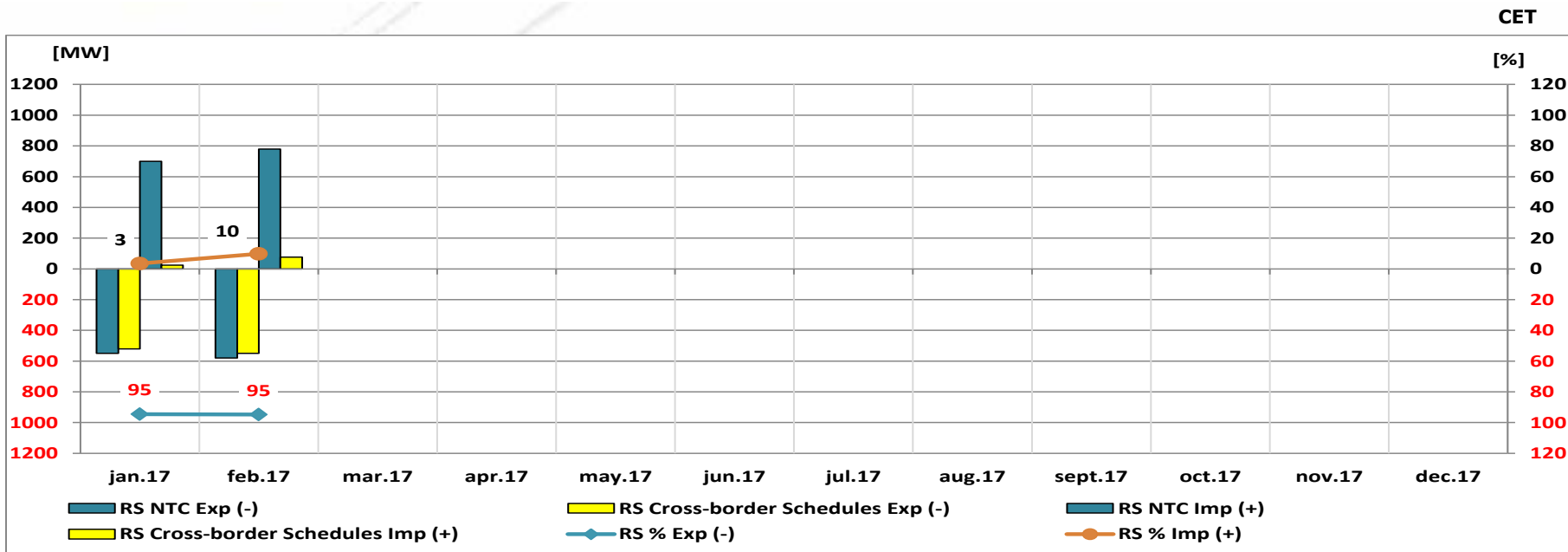


| Hungary (monthly averages values, MW) | jan.17 | feb.17 | mar.17 | apr.17 | may.17 | jun.17 | jul.17 | aug.17 | sept.17 | oct.17 | nov.17 | dec.17 |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| HU NTC Exp (-) | -585 | -579 | | | | | | | | | | |
| HU Cross-border Schedules Exp (-) | -373 | -319 | | | | | | | | | | |
| HU NTC Imp (+) | 629 | 679 | | | | | | | | | | |
| HU Cross-border Schedules Imp (+) | 170 | 229 | | | | | | | | | | |

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

From the beginning of the year, the average values (arithmetic) of usage level are: 59.42 % on export direction and 30.34 % on import direction.

Usage Level of NTC on Romanian – Serbian border



| Serbia (monthly averages values, MW) | jan.17 | feb.17 | mar.17 | apr.17 | may.17 | jun.17 | jul.17 | aug.17 | sept.17 | oct.17 | nov.17 | dec.17 |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| RS NTC Exp (-) | -550 | -579 | | | | | | | | | | |
| RS Cross-border Schedules Exp (-) | -520 | -549 | | | | | | | | | | |
| RS NTC Imp (+) | 700 | 779 | | | | | | | | | | |
| RS Cross-border Schedules Imp (+) | 24 | 76 | | | | | | | | | | |

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

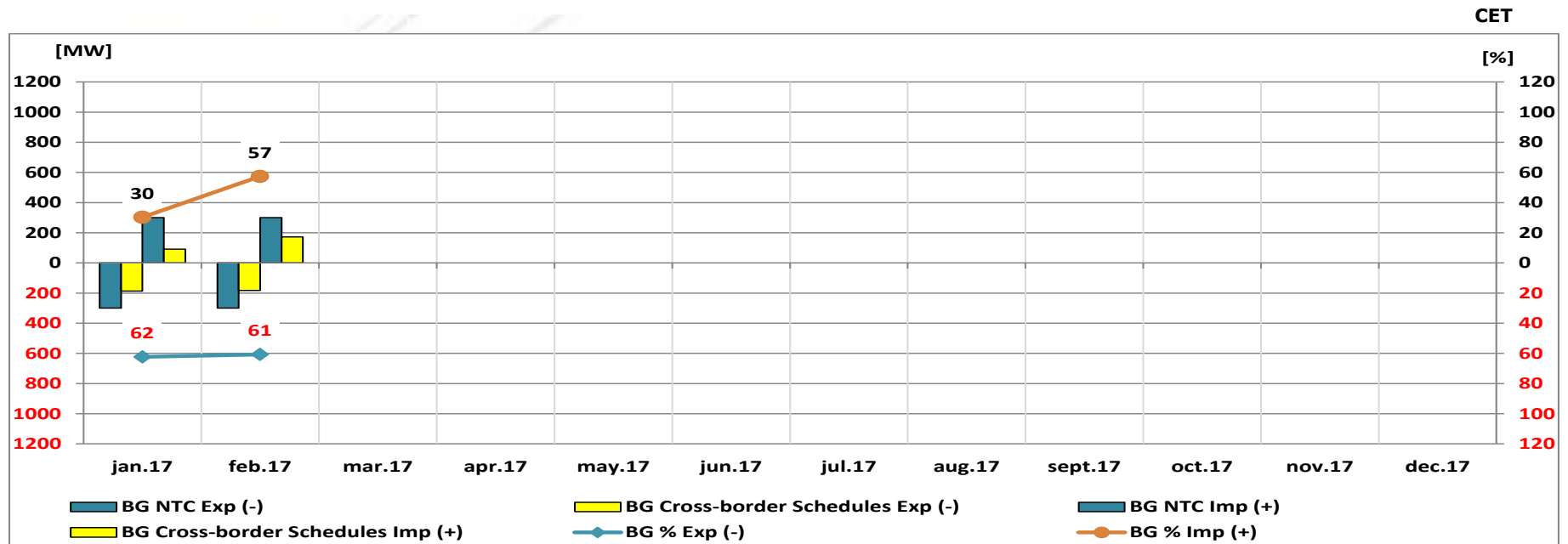
From the beginning of the year, the average values (arithmetic) of usage level are: 94.65 % on export direction and 6.66 % on import direction.

Market for Allocation of Cross-Border Capacities



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Usage Level of NTC on Romanian – Bulgarian border



| Bulgaria (monthly averages values, MW) | jan.17 | feb.17 | mar.17 | apr.17 | may.17 | jun.17 | jul.17 | aug.17 | sept.17 | oct.17 | nov.17 | dec.17 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| BG NTC Exp (-) | -300 | -300 | | | | | | | | | | |
| BG Cross-border Schedules Exp (-) | -187 | -182 | | | | | | | | | | |
| BG NTC Imp (+) | 300 | 300 | | | | | | | | | | |
| BG Cross-border Schedules Imp (+) | 91 | 172 | | | | | | | | | | |

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

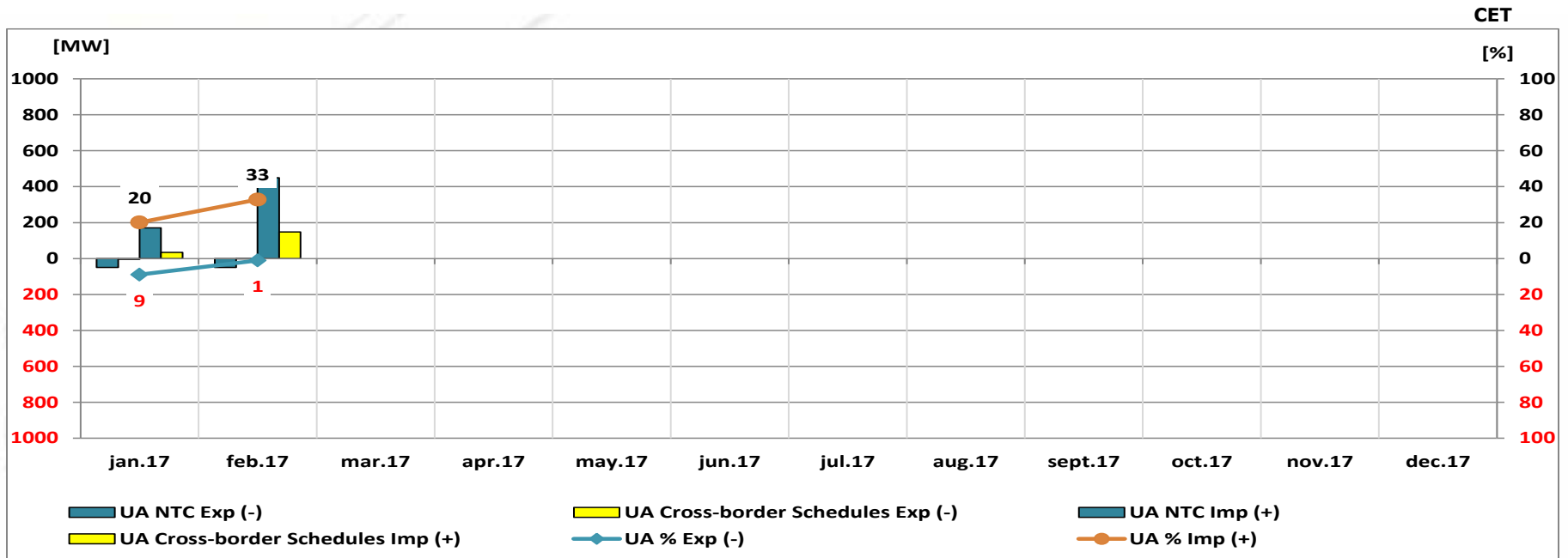
From the beginning of the year, the average values (arithmetic) of usage level are: 61.53 % on export direction and 43.85 % on import direction.

Market for Allocation of Cross-Border Capacities



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Usage Level of NTC on Romanian – Ukrainian border



| Ukraine (monthly averages values, MW) | jan.17 | feb.17 | mar.17 | apr.17 | may.17 | jun.17 | jul.17 | aug.17 | sept.17 | oct.17 | nov.17 | dec.17 |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| UA NTC Exp (-) | -50 | -50 | | | | | | | | | | |
| UA Cross-border Schedules Exp (-) | -4 | -1 | | | | | | | | | | |
| UA NTC Imp (+) | 171 | 450 | | | | | | | | | | |
| UA Cross-border Schedules Imp (+) | 34 | 148 | | | | | | | | | | |

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

From the beginning of the year, the average values (arithmetic) of usage level are: 5.02 % on export direction and 26.47 % on import direction.

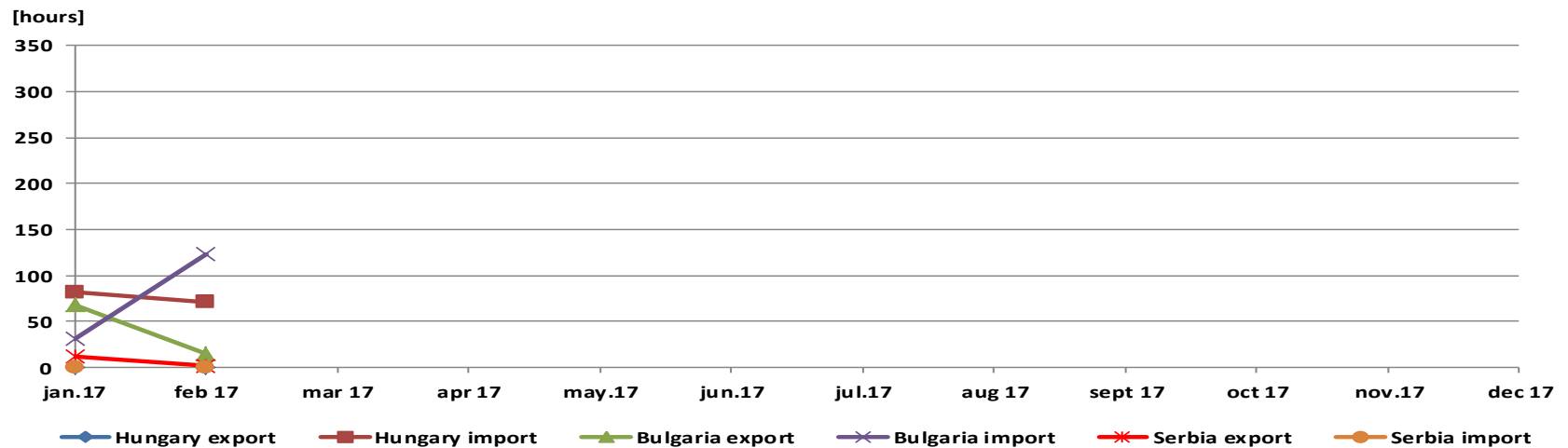
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Maximization of NTC Usage

CET

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



| Number of hours | jan.17 | feb 17 | mar 17 | apr 17 | may.17 | jun.17 | jul.17 | aug 17 | sept 17 | oct 17 | nov.17 | dec 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| Hungary export | 0 | 0 | | | | | | | | | | |
| Hungary import | 82 | 71 | | | | | | | | | | |
| Bulgaria export | 68 | 15 | | | | | | | | | | |
| Bulgaria import | 31 | 123 | | | | | | | | | | |
| Serbia export | 12 | 2 | | | | | | | | | | |
| Serbia import | 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

February 2017

| Border | Auction | | | | | | | | | | | | Total | | |
|------------------------|---------|--------|------|---------|--------|------|--------|--------|------|----------|--------|------|--------|--------|------|
| | Yearly | | | Monthly | | | Daily | | | Intraday | | | | | |
| | C1 [%] | C3 [%] | HHI | C1 [%] | C3 [%] | HHI | C1 [%] | C3 [%] | HHI | C1 [%] | C3 [%] | HHI | C1 [%] | C3 [%] | HHI |
| Hungary import | 22.06 | 55.59 | 1490 | 43.43 | 72.22 | 2515 | - | - | - | 56.01 | 96.16 | 4402 | 22.32 | 48.87 | 1107 |
| Hungary export | 30.86 | 55.71 | 1498 | 32.50 | 77.50 | 2240 | - | - | - | 84.98 | 96.97 | 7298 | 30.54 | 48.51 | 1322 |
| Bulgaria import | 43.00 | 92.00 | 3564 | 46.88 | 71.88 | 2715 | 44.46 | 76.82 | 2719 | - | - | - | 44.83 | 70.77 | 2488 |
| Bulgaria export | 41.00 | 76.00 | 2472 | 30.63 | 74.38 | 2036 | 43.19 | 90.29 | 3184 | - | - | - | 38.05 | 62.67 | 1948 |
| Serbia import | 46.67 | 93.33 | 3844 | 36.36 | 76.36 | 2569 | 35.23 | 83.96 | 2514 | 95.37 | 100.00 | 9116 | 30.15 | 69.92 | 1866 |
| Serbia export | 39.50 | 70.00 | 2273 | 33.00 | 55.67 | 1616 | 39.37 | 88.65 | 2838 | 78.43 | 100.00 | 6386 | 31.82 | 53.29 | 1487 |
| Ukraine import | 50.00 | 100.00 | 4808 | 60.15 | 84.21 | 3993 | - | - | - | - | - | - | 52.29 | 79.74 | 3228 |
| Ukraine export | 48.00 | 100.00 | 3728 | - | - | - | - | - | - | - | - | - | 48.00 | 100.00 | 3728 |
| Moldavia import | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Note:

- Starting with 20.11.2014, on Hungarian border the implicit daily allocation is done through the market coupling mechanism of CZ-SK-HU day-ahead electricity markets.
- Starting with 01.01.2015, intraday auctions are no longer organized on the Bulgarian border, since the Bulgarian market rules do not allow intraday cross-border exchanges.



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